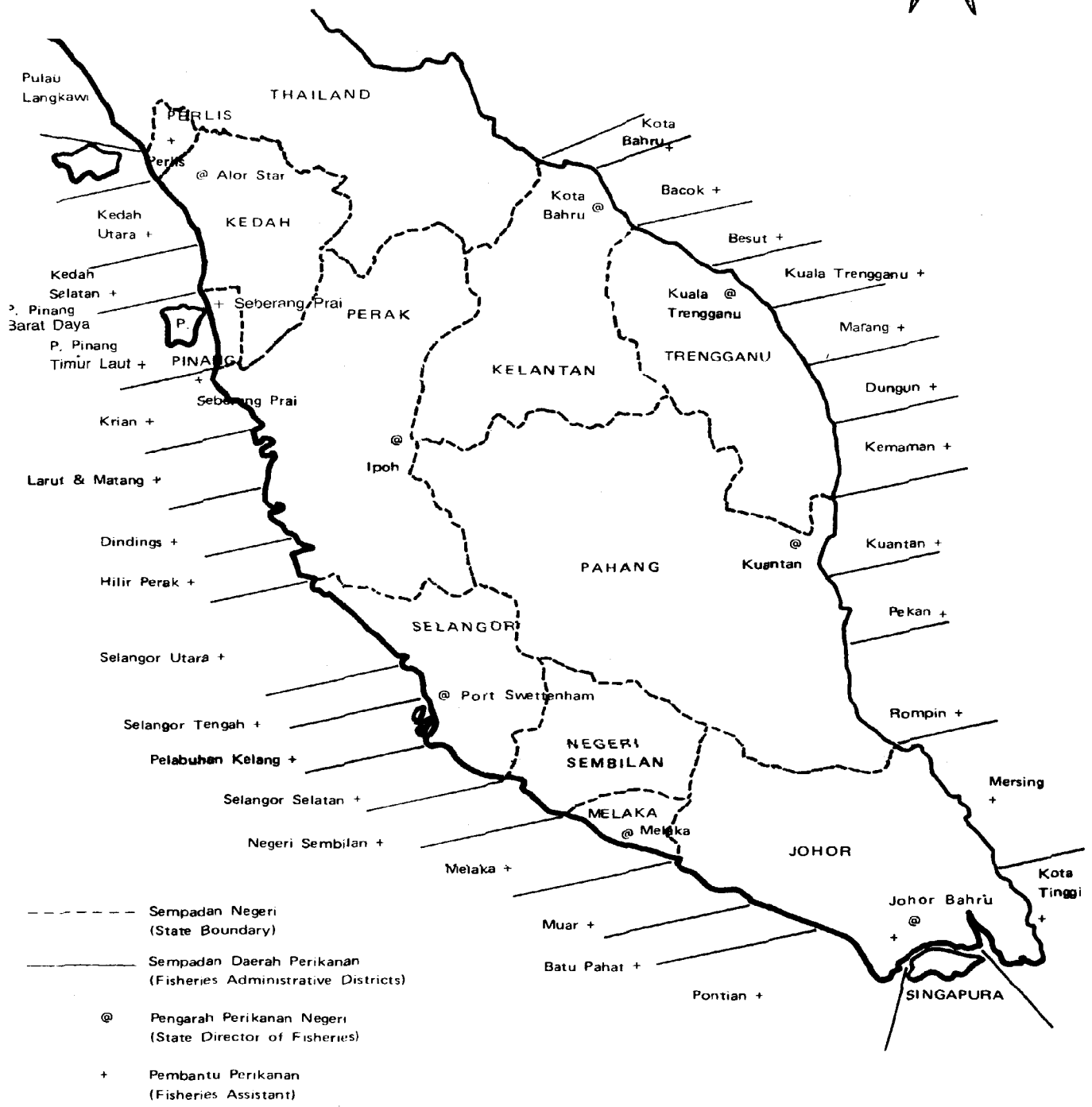


SEMENANJUNG MALAYSIA — DAERAH-DAERAH PERIKANAN
(Peninsular Malaysia — Fisheries Districts)



Perikanan Laut
SEMENANJUNG MALAYSIA

Marine Fisheries
Peninsular Malaysia

JADUAL (TABLE) 1.1(a)

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN NELAYAN-NELAYAN YANG BEKERJA DI BOT-BOT BERLESEN, 1981
 NO. OF FISHERMEN WORKING IN LICENSED BOATS, 1981

Negeri/State Bangsa/Race	Pantai Barat/West Coast									Pantai Timur/East Coast					Jumlah Besar
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Jumlah Kecil Sub-Total	Kelantan	Trengganu	Pahang	Johor Timur East Johore	Jumlah Kecil Sub-Total	Grand Total
Melayu Malay	1,642	8,771	3,214	4,433	1,446	253	1,050	5,579	26,388	7,587	12,614	3,801	4,148	28,150	54,538
China Chinese	127	1,257	4,485	10,774	6,284	332	784	4,288	28,331	—	11	118	1,624	1,753	30,084
India Indian	—	67	49	308	163	21	—	1	609	—	—	—	—	—	609
Portugis Portuguese	—	—	—	—	—	—	67	—	67	—	—	—	—	—	67
Thai Thais	1,278	104	—	—	—	—	—	—	1,382	—	25	—	—	25	1,407
Orang Asli Aborigines	—	—	—	—	—	—	—	220	220	—	—	—	—	—	220
Jumlah Besar Grand Total	3,047	10,199	7,748	15,515	7,893	606	1,901	10,088	56,997	7,587	12,650	3,919	5,772	29,928	86,925

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
**BILANGAN NELAYAN-NELAYAN YANG BEKERJA DI BOT-BOT BERLESEN MENGIKUT KUMPULAN PERKAKAS
 DAN NEGERI, 1981**
 NO. OF FISHERMEN WORKING IN LICENSED BOATS BY GEAR GROUP AND STATE, 1981

	Negeri/State Kumpulan Perkakas Gear Group	Pertis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore	Kelantan	Trengganu	Pa- hang	Johor Timur East Johore	Jumlah Total
	Pukat Tunda Trawl Nets	792	2,745	1,146	3,866	1,357	—	—	1,236	446	697	1,127	1,150	14,562
	Pukat Tarik/Seine Nets:													
	Pukat Jerut Ikan Purse Seine-Fish	1,416	545	929	1,762	132	—	—	—	738	1,875	471	1,189	9,057
	Pukat Jerut Bilis Purse Seine-Anchovy	—	1,892	22	298	—	—	—	—	32	1,208	289	—	3,741
	Lain-lain Other Seines	10	126	817	1,940	43	28	36	190	900	290	30	78	4,488
	Pukat Hanyut Gill/Drift Nets	664	3,324	3,811	4,817	4,986	529	1,667	6,598	2,936	2,617	716	1,340	34,005
N	Pukat Tangguk Lift Nets	—	156	—	—	—	—	—	7	672	644	211	419	2,109
	Perangkap/Traps:													
	Belat-belat Stationary	6	32	6	41	—	—	10	198	—	—	—	109	402
	Bubu Portable	6	20	152	248	8	—	—	269	146	652	574	176	2,251
	Pancing Hook & Lines	135	476	376	919	483	48	162	1,173	1,705	4,216	495	1,019	11,207
	Pukat Bakul Bag Nets	—	162	307	180	579	—	—	60	—	—	1	182	1,471
	Pukat Surung Push/Scoop Nets	—	14	45	67	68	—	2	63	—	—	—	8	267
	Pukat Rentang Barrier Nets	—	106	2	—	72	—	14	232	—	—	—	39	465
	Memungut Siput Shellfish Collections	—	—	45	458	26	—	10	11	—	—	—	—	550
	Pembawa Ikan Fish Carriers	—	—	52	246	44	—	—	24	12	451	—	15	844
	Rampaian Miscellaneous	18	601	38	673	95	1	—	27	—	—	5	48	1,506
	Jumlah Total	3,047	10,199	7,748	15,515	7,893	606	1,901	10,088	7,587	12,650	3,919	5,772	86,925

JADUAL (TABLE) 1.2

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT-BOT PERIKANAN YANG DILESENKAN MENGIKUT NEGERI, 1981
 NUMBER OF LICENSED FISHING BOATS BY STATES, 1981

Jenis/Type Negeri/State	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Outboard-powered	BOT JENTERA DALAM/Inboard-powered											
				Jumlah Kecil Sub-Total	0-4.9 Tan Tons	5-9.9 Tan Tons	10-14.9 Tan Tons	15-19.9 Tan Tons	20-24.9 Tan Tons	25-39.9 Tan Tons	40-49.9 Tan Tons	50-69.9 Tan Tons	70-99.9 Tan Tons	100 Tan dan ke atas 100 tons and above)	
Pantai Barat/West Coast:															
Perlis	729	38	195	496	107	103	118	33	13	80	30	12	—	—	
Kedah	3,000	368	1,397	1,235	302	222	85	48	25	340	129	71	13	—	
Pulau Pinang/Penang	2,747	424	1,038	1,285	516	442	24	34	14	204	30	20	1	—	
Perak	6,465	701	1,053	4,711	2,029	1,480	621	87	26	236	143	89	—	—	
Selangor	3,754	398	588	2,768	468	1,557	286	96	44	248	50	18	1	—	
Negeri Sembilan	229	66	65	98	21	76	1	—	—	—	—	—	—	—	
Melaka/Malacca	907	108	394	405	65	335	—	3	1	1	—	—	—	—	
Johor Barat/West Johore	4,018	845	1,699	1,474	570	712	102	65	15	10	—	—	—	—	
Jumlah Kecil .. Sub-Total	21,849	2,948	6,429	12,472	4,078	4,927	1,237	366	138	1,119	382	210	15	—	
Pantai Timur/East Coast:															
Kelantan	1,777	188	334	1,255	584	268	178	115	30	56	11	6	7	—	
Trengganu	3,748	874	6	2,868	474	1,089	825	235	82	121	26	9	3	4	
Pahang	1,152	135	70	947	108	469	215	42	11	62	22	14	4	—	
Johor Timur/East Johore	1,864	292	529	1,043	215	337	120	33	46	159	82	49	2	—	
Jumlah Kecil .. Sub-Total	8,541	1,489	939	6,113	1,381	2,163	1,338	425	169	398	141	78	16	4	
Jumlah Besar .. Grand-Total	30,390	4,437	7,368	18,585	5,459	7,090	2,575	791	307	1,517	523	288	31	4	

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
**BILANGAN BOT BERJENTERA DALAM YANG DILESENKAN MENGIKUT NEGERI, UKURAN PANJANG
 DAN KEKUATAN KUASA KUDA, 1981**
 NUMBER OF LICENSED INBOARD POWERED FISHING BOATS BY STATE, DIMENSION AND HORSEPOWER, 1981

Butir-butir Description	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Kelantan	Trengganu	Pahang	Johor		Jumlah Total
											Barat West	Timur East	
Ukuran Panjang/Dimension-Length													
Kurang dari 25 kaki/under 25 ft	17	15	37	156	19	1	2	286	154	28	96	77	888
25-39 kaki/25-39 ft	292	546	898	3,950	2,083	80	299	670	1,666	638	1,055	478	12,655
40-54 kaki/40-54 ft	92	333	218	485	649	17	103	255	967	247	321	327	4,014
55 kaki ke atas/55 ft & over	95	341	132	120	17	—	1	44	81	34	2	161	1,028
Jumlah/Total ..	496	1,235	1,285	4,711	2,768	98	405	1,255	2,868	947	1,474	1,043	18,585
➤ Kekuatan Kuda/Horsepower of Engine													
Kurang dari 5 k.k./under 5 h.p.	21	32	20	94	27	4	8	265	181	20	161	75	908
5-9 k.k./5-9 h.p.	89	197	212	632	256	27	173	397	536	125	303	154	3,101
10-19 k.k./10-19 h.p.	27	156	111	460	553	36	177	192	668	236	499	213	3,328
20-39 k.k./20-39 h.p.	206	163	635	2,617	1,099	31	41	319	1,201	426	296	221	7,255
40-59 k.k./40-59 h.p.	11	35	14	367	182	—	3	29	116	16	188	10	971
60-99 k.k./60-99 h.p.	5	18	19	26	261	—	3	20	56	17	8	26	459
100-149 k.k./100-149 h.p.	62	180	169	118	138	—	—	27	81	50	18	195	1,038
150-249 k.k./150-249 h.p.	75	449	103	337	245	—	—	5	26	56	1	148	1,445
250-349 k.k. 250-349 h.p.	—	5	2	59	6	—	—	1	—	1	—	1	75
350 k.k. ke atas/350 h.p. & above	—	—	—	1	1	—	—	—	3	—	—	—	5
Jumlah/Total ..	496	1,235	1,285	4,711	2,768	98	405	1,255	2,868	947	1,474	1,043	18,585

JADUAL (TABLE) 1.4

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
**BILANGAN BOT BERJENTERA SANGKUT YANG DILESENKAN MENGIKUT NEGERI, UKURAN PANJANG DAN
 KEKUATAN KUDA, 1981**
 NO. OF LICENSED OUTBOARD-POWERED FISHING BOATS BY STATE, DIMENSION & HORSEPOWER, 1981

Butir-butir Description	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Kelantan	Trengganu	Pahang	Johor		Jumlah	
											Barat West	Timur East		
Ukuran Panjang/Dimension—Length														
Kurang dari 25 kaki/under 25 ft	193	1,330	1,031	1,049	586	63	392	75	5	68	1,671	509	6,972	
25-39 kaki/25-39 ft	2	66	7	4	2	2	2	258	1	2	28	20	394	
40-54 kaki/40-54 ft	—	1	—	—	—	—	—	1	—	—	—	—	2	
55 kaki ke atas/55 ft & above	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jumlah/Total ..	195	1,397	1,038	1,053	588	65	394	334	6	70	1,699	529	7,368	
Kekuatan Kuda/Horsepower of Engine														
Kurang dari 5 k.k./under 5 h.p.	107	768	878	953	427	54	270	31	1	26	1,312	390	5,217	
5-9 k.k./5-9 h.p.	88	625	126	98	155	9	89	61	5	44	243	118	1,661	
10-19 k.k./10-19 h.p.	—	4	34	1	6	2	34	202	—	—	70	15	368	
20-39 k.k./20-39 h.p.	—	—	—	1	—	—	1	40	—	—	57	5	104	
40-59 k.k./40-59 h.p.	—	—	—	—	—	—	—	—	—	—	17	1	18	
60-99 k.k./60-99 h.p.	—	—	—	—	—	—	—	—	—	—	—	—	—	
100-149 k.k./100-149 h.p.	—	—	—	—	—	—	—	—	—	—	—	—	—	
150-249 k.k./150-249 h.p.	—	—	—	—	—	—	—	—	—	—	—	—	—	
250-349 k.k./250-349 h.p.	—	—	—	—	—	—	—	—	—	—	—	—	—	
350 k.k. ke atas/350 h.p. & above	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jumlah/Total ..	195	1,397	1,038	1,053	588	65	394	334	6	70	1,699	529	7,368	

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT TIADA BERJENTERA YANG DILESENKAN MENGIKUT NEGERI DAN UKURAN PANJANG, 1981
 NUMBER OF LICENSED NON-POWERED FISHING BOATS BY STATE AND DIMENSION, 1981

Butir-Butir Description	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Kelantan	Trengganu	Pahang	Johor		Jumlah Total
											Barat West	Timur East	
Ukuran Panjang/Dimension-Length													
Kurang dari 25 kaki under 25 feet	37	357	424	699	308	66	107	155	788	113	839	280	4,173
25-39 kaki 25-39 feet	1	9	—	2	29	—	1	33	84	22	6	12	199
40-54 kaki 40-54 ft	—	2	—	—	61	—	—	—	2	—	—	—	65
55 kaki ke atas 55 ft & above	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Total	38	368	424	701	398	66	108	188	874	135	845	292	4,437

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
RINGKASAN BILANGAN BOT-BOT NELAYAN DALAM MENGIKUT NAMA INJIN DAN NEGERI, 1981
 SUMMARY-NUMBER OF INBOARD, POWERED FISHING BOATS BY TRADE NAME AND STATE, 1981

Nama Injin Trade Name of Engine	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Kelantan	Trengganu	Pahang	Johor		Jumlah Total
											Barat West	Timur East	
YANMAR	287	400	249	1,559	1,552	76	272	1,198	2,616	791	1,023	615	10,638
DAIYA	20	53	48	194	175	6	118	25	133	26	148	35	981
MERCEDES	38	133	432	1,036	73	—	—	—	1	6	26	8	1,753
AEC	34	50	155	121	65	—	—	2	22	35	42	89	615
KUBOTA	2	2	7	62	23	6	12	—	9	1	60	6	190
PERKINS	3	8	87	849	251	5	—	—	1	4	21	11	1,240
PETTER	1	1	79	111	35	5	2	1	32	2	7	3	279
LEYLAND	39	160	24	18	224	—	—	—	2	18	105	69	659
CUMMINS	36	321	59	324	214	—	—	—	13	35	8	124	1,134
LISTER	—	1	1	2	3	—	—	4	2	1	1	2	17
DONG FENG	—	4	5	7	12	—	—	—	—	1	2	22	53
GARDNER	18	11	11	42	77	—	—	1	—	4	8	10	182
HINO	6	21	6	1	—	—	—	—	—	—	—	1	35
BUKH	—	—	1	—	3	—	—	1	12	3	—	—	20
ISUZU	10	48	11	16	44	—	—	—	1	5	9	37	181
VOLVO	—	—	2	—	—	—	—	21	6	—	—	2	31
MWM	—	—	—	—	1	—	—	—	—	—	—	3	4
KEW	—	12	87	316	2	—	—	—	—	—	—	—	417
ROLLS-ROYCE	—	—	7	5	—	—	—	—	—	—	—	1	13
FORD	1	—	—	8	1	—	—	—	4	1	—	—	15
LAIN-LAIN OTHERS	1	10	14	40	13	—	1	2	14	14	14	5	128
JUMLAH TOTAL	496	1,235	1,285	4,711	2,768	98	405	1,255	2,868	947	1,474	1,043	18,585

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
RINGKASAN BILANGAN BOT-BOT NELAYAN BERJENTERA DALAM MENGIKUT NAMA INJIN DAN KUASA-KUDA—1981
SUMMARY—NUMBER OF INBOARD-POWERED FISHING BOATS BY ENGINE TRADE NAME AND HORSE-POWER—1981

Nama Injin Trade Name of Engine	Kurang dari 5 k.k. Under 5 h.p.		5-9 k.k. 5-9 h.p.		10-19 k.k. 10-19 h.p.		20-39 k.k. 20-39 h.p.		40-59 k.k. 40-59 h.p.		60-99 k.k. 60-99 h.p.		100-149 k.k. 100-149 h.p.		150-249 k.k. 150-249 h.p.		250-349 k.k. 250-349 h.p.		350 k.k. & ke atas 350 h.p. & above		Jumlah Total	
	Pantai Barat West Coast	Pantai Timur East Coast	Pantai Barat West Coast	Pantai Timur East Coast	Pantai Barat West Coast	Pantai Timur East Coast	Pantai Barat West Coast	Pantai Timur East Coast	Pantai Barat West Coast	Pantai Timur East Coast	Pantai Barat West Coast	Pantai Timur East Coast	Pantai Barat West Coast	Pantai Timur East Coast	Pantai Barat West Coast	Pantai Timur East Coast	Pantai Barat West Coast	Pantai Timur East Coast	Pantai Barat West Coast	Pantai Timur East Coast	Pantai Barat West Coast	Pantai Timur East Coast
Yanmar	293	535	952	1,116	1,825	1,190	2,170	2,078	146	135	23	72	8	72	1	22	—	—	—	—	5,418	5,220
Daiya	4	3	629	72	53	79	66	49	9	13	1	2	—	1	—	—	—	—	—	—	762	219
Mercedes	—	—	—	—	6	—	1,605	1	9	—	1	—	21	7	94	7	2	—	—	—	1,738	15
Aec	—	—	—	—	—	—	1	—	37	1	18	15	319	120	92	12	—	—	—	—	467	148
Kubota	11	1	139	13	4	1	14	1	3	—	3	—	—	—	—	—	—	—	—	—	174	16
Perkins	57	—	1	—	14	—	911	16	50	—	191	—	—	—	—	—	—	—	—	—	1,224	16
Petter	1	—	151	5	84	32	5	1	—	—	—	—	—	—	—	—	—	—	—	—	241	38
Leyland	—	—	—	—	—	—	65	1	180	10	61	16	223	59	41	3	—	—	—	—	570	89
Cummins	—	—	—	—	—	—	—	1	4	1	—	—	30	16	860	150	66	1	2	3	962	172
Lister	1	1	1	—	5	2	1	6	—	—	—	—	—	—	—	—	—	—	—	—	8	9
Dong Feng	—	—	1	—	3	—	12	—	1	—	—	—	13	23	—	—	—	—	—	—	30	23
Gardner	—	—	—	—	—	—	11	1	83	4	28	6	7	1	38	3	—	—	—	—	167	15
Hino	—	—	1	—	—	—	6	—	14	—	5	—	2	1	6	—	—	—	—	—	34	1
Bukh	—	—	—	3	—	1	2	3	1	7	1	2	—	—	—	—	—	—	—	—	4	16
Isuzu	—	—	—	—	2	—	—	—	5	—	4	—	58	13	68	30	1	—	—	—	138	43
Volvo	—	—	2	—	—	—	—	—	—	—	—	—	—	27	—	—	—	2	—	—	2	29
Mwm	—	—	—	1	—	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	1	3
Kew	—	—	—	—	2	—	163	—	251	—	1	—	—	—	—	—	—	—	—	—	417	—
Rolls-Royce	—	—	—	—	—	—	—	—	—	—	—	—	3	—	8	1	1	—	—	—	12	1
Ford	—	—	—	—	—	—	10	1	—	—	—	—	—	4	—	—	—	—	—	—	10	5
Lain-lain Others	—	1	12	2	21	3	46	7	6	—	3	6	1	9	2	7	2	—	—	—	93	35
Jumlah Total	367	541	1,889	1,212	2,019	1,309	5,088	2,167	800	171	340	119	685	353	1,210	235	72	3	2	3	12,472	6,113

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT-BOT YANG DILESENKAN DAN NELAYAN-NELAYAN MENGIKUT
DAERAH-DAERAH PERIKANAN, 1981
NUMBER OF LICENSED FISHING BOATS AND FISHERMEN BY FISHERIES DISTRICTS, 1981

Bot-Bot Fishing Boats					Nelayan-Nelayan Fishermen				
Daerah-Daerah Perikanan Fisheries Districts	Berjentera Dalam Inboard	Berjentera Sangkut Outboard	Tiada Berjentera Non-powered	Jumlah Total	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
1. Kuala Perlis ..	496	195	38	729	1,642	127	—	1,278	3,047
2. Langkawi ..	194	582	81	857	2,419	60	2	90	2,571
3. Kedah Utara ..	714	295	35	1,044	2,804	874	1	—	3,679
4. Kedah Selatan ..	327	520	252	1,099	3,548	323	64	14	3,949
5. Timur Laut ..	129	135	85	349	262	576	22	—	860
6. Barat-Daya ..	466	495	133	1,094	1,232	1,725	21	—	2,978
7. Seberang Prai ..	690	408	206	1,304	1,720	2,184	6	—	3,910
8. Krian ..	1,363	307	193	1,863	1,135	2,574	30	—	3,739
9. Larut & Matang ..	1,335	308	180	1,823	605	2,997	1	—	3,603
10. Manjong (Dindings)	1,243	310	188	1,741	2,208	2,945	275	—	5,428
11. Hilir Perak ..	770	128	140	1,038	485	2,258	2	—	2,745
12. Selangor Utara ..	699	201	48	948	328	1,840	3	—	2,171
13. Selangor Tengah ..	637	89	76	802	366	1,328	—	—	1,694
14. Pelabuhan Kelang ..	1,103	193	199	1,495	545	2,466	59	—	3,070
15. Selangor Selatan ..	329	105	75	509	207	650	101	—	958
16. Port Dickson ..	98	65	66	229	253	332	21	—	606
17. Melaka ..	405	394	108	907	1,050	784	—	67	1,901
18. Muar ..	295	314	144	753	756	819	1	—	1,576
19. Batu Pahat ..	490	274	114	878	638	1,016	—	209	1,863
20. Pontian ..	655	326	214	1,195	1,218	1,812	—	11	3,041
21. Johor Bahru ..	34	785	373	1,192	2,967	641	—	—	3,608
22. Kota Tinggi ..	447	505	278	1,230	2,124	865	—	—	2,989
23. Mersing ..	596	24	14	634	2,024	759	—	—	2,783
24. Kuantan ..	426	8	67	501	1,839	44	—	—	1,883
25. Pekan ..	349	51	65	465	1,348	6	—	—	1,354
26. Kuala Rompin ..	172	11	3	186	614	68	—	—	682
27. Kemaman ..	511	2	77	590	2,178	10	—	—	2,188
28. Dungun ..	418	—	25	443	1,477	1	—	—	1,478
29. Marang ..	340	—	170	510	1,719	—	—	—	1,719
30. Kuala Trengganu ..	1,046	3	197	1,246	4,150	—	—	25	4,175
31. Besut ..	553	1	405	959	3,090	—	—	—	3,090
32. Kota Bahru ..	870	240	73	1,183	5,142	—	—	—	5,142
33. Bacok ..	385	94	115	594	2,445	—	—	—	2,445
Jumlah Total	18,585	7,368	4,437	30,390	54,538	30,084	609	1,694	86,925

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT-BOT YANG DILESENKAN DAN BILANGAN NELAYAN-NELAYAN
YANG BEKERJA DIBOT-BOT BERLESEN, 1962-1981
NUMBER OF FISHING BOATS LICENSED AND NUMBER OF FISHERMEN
OPERATING LICENSED BOATS, 1962-1981

Tahun Year	Bilangan Bot-bot Yang Dilesenkan Number of Fishing Boats Licensed				Bilangan Nelayan-nelayan Number of Fishermen				
	Berjentera Dalam Inboard	Berjentera Sangkut Outboard	Tidak Berjentera Non-powered	Jumlah Total	Melayu Malay	Cina Chinese	India Indian	Lain-Lain Others	Jumlah Total
1962	5,468	4,377	12,338	22,183	35,750	19,246	421	93	55,510
1963	6,426	4,057	12,271	22,754	36,199	22,874	252	124	59,449
1964	6,983	3,744	10,903	21,630	37,075	23,732	217	441	61,465
1965	8,374	3,908	10,182	22,464	40,548	27,155	153	332	68,188
1966	9,298	3,237	8,371	20,906	36,508	25,252	215	482	62,457
1967	10,145	2,887	7,204	20,236	34,833	26,402	212	706	62,153
1968	10,629	2,531	6,293	19,453	34,414	26,398	195	494	61,501
1969	11,399	2,177	5,608	19,184	34,845	28,258	160	351	63,614
1970	12,865	2,164	5,277	20,306	36,472	31,078	253	351	68,154
1971	14,284	2,036	4,821	21,141	36,295	31,096	256	314	67,961
1972	14,945	2,009	4,665	21,619	38,589	29,892	310	461	69,252
1973	15,596	2,004	4,567	22,167	38,048	29,192	342	726	68,308
1974	16,205	2,100	4,072	22,377	38,973	30,619	424	789	70,805
1975	16,081	2,138	3,928	22,147	40,335	31,992	452	525	73,304
1976	16,142	2,342	4,151	22,635	41,997	30,479	450	610	73,536
1977	16,977	2,775	4,329	24,081	44,373	30,131	541	600	75,645
1978	17,775	3,684	6,038	27,497	51,265	30,980	637	812	83,694
1979	17,741	5,156	6,256	29,153	50,816	30,323	528	1,259	82,926
1980	18,433	6,585	5,502	30,520	55,008	31,802	410	1,752	88,972
1981	18,585	7,368	4,437	30,390	54,538	30,084	609	1,694	86,925

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PERKAKAS-PERKAKAS YANG DILESENKAN MENGIKUT NEGERI, 1981
 NUMBER OF LICENSED FISHING GEARS BY STATE, 1981

Kumpulan Perkakas Gear Group	Pukat-pukat Tarik Seine Nets				Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap- perangkap Traps		Pancing Hook & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collections	Rampaian Miscellaneous	Jumlah Total	
	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Purse Seine- Fish	Pukat Jerut Bilis Purse Seine- Anchovy	Lain-lain Other seines			Belat- belat Stationary	Bubu Portable								
Pantai Barat: West Coast:																
Pertis	280	91	—	5	316	—	7	1	9	—	7	—	—	10	726	
Kedah	505	84	42	55	1,709	143	3	12	150	131	57	8	—	7	2,906	
Pulau Pinang Penang	175	88	2	171	1,901	13	4	46	71	269	2	—	19	35	2,796	
Perak	1,649	148	16	935	2,764	—	11	112	436	193	—	—	329	392	6,985	
Selangor	482	—	—	21	2,744	5	—	15	279	700	41	1	3,584	80	7,952	
Negeri Sembilan ..	—	—	—	12	235	—	—	23	50	—	—	—	3	1	324	
Melaka Malacca	—	—	—	22	1,091	—	7	1	90	—	7	—	1	—	1,219	
Johor Barat West Johore	323	—	—	63	2,634	8	190	163	141	220	93	1	—	2	3,838	
Jumlah Kecil Sub-Total	3,414	411	60	1,284	13,394	169	222	373	1,226	1,513	207	10	3,936	527	26,746	
Pantai Timur: East Coast:																
Kelantan	93	40	8	108	949	58	—	14	8	—	—	—	—	—	1,278	
Trengganu	406	132	85	76	1,086	83	—	237	—	—	—	—	—	—	2,105	
Pahang	304	39	15	6	426	32	9	213	402	2	—	—	—	—	1,448	
Johor Timur East Johore	357	76	—	12	492	77	96	65	33	233	30	—	—	4	1,475	
Jumlah Kecil Sub-Total	1,160	287	108	202	2,953	250	105	529	443	235	30	—	—	4	6,306	
Jumlah Besar Grand Total	4,574	698	168	1,486	16,347	419	327	902	1,669	1,748	237	10	3,936	531	33,052	

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
ANGGARAN PERKAKAS-PERKAKAS MENANGKAP IKAN YANG DIUSAHAKAN MENIKUT NEGERI, 1981
 ESTIMATED NUMBER OF FISHING GEARS IN OPERATION BY STATE, 1981

Kumpulan Perkakas Gear Group	Pukat Tunda Trawi Nets	Pukat-pukat Tarik Seine Nets			Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap- perangkap Traps		Pancing Hook & Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collections	Rampaiian Miscellaneous	Jumlah Total	
		Pukat Jerut Ikan Purse Seine- Fish	Pukat Jerut Bilis Purse Seine- Anchovy	Lain-lain Other seines			Belat- belat Stationary	Bubu Portable								
Pantai Barat West Coast																
Pertis	228	62	—	9	296	—	8	5	33	—	10	—	3	34	688	
Kedah	870	31	78	93	1,101	17	37	16	199	176	34	25	2	63	2,742	
Pulau Pinang Penang	149	54	—	155	1,022	—	—	20	34	100	—	72	42	20	1,668	
Perak	2,302	127	18	1,118	1,896	—	186	82	554	92	53	189	502	252	7,371	
Selangor	1,345	27	—	223	1,262	131	20	—	305	133	23	—	59	—	3,528	
Negeri Sembilan ..	—	—	—	19	173	—	—	14	50	—	—	—	4	17	277	
Melaka Malacca	—	—	—	18	846	—	6	—	147	—	7	120	1	—	1,145	
Johor Barat West Johore	372	—	—	49	1,929	286	96	47	126	107	34	67	20	71	3,204	
Jumlah Kecil Sub-Total	5,266	301	96	1,684	8,525	434	353	184	1,448	608	161	473	633	457	20,623	
Pantai Timur East Coast																
Kelantan	104	23	—	64	411	81	—	18	287	—	22	—	—	—	1,010	
Trengganu	205	154	79	107	706	79	—	221	1,117	—	—	—	—	406	3,074	
Pahang	347	30	21	5	299	28	8	118	334	—	—	—	—	3	1,193	
Johor Timur East Johore	332	72	—	4	172	13	11	21	130	68	—	—	—	18	841	
Jumlah Kecil Sub-Total	988	279	100	180	1,588	201	19	378	1,868	68	22	—	—	427	6,118	
Jumlah Besar Grand Total	6,254	580	196	1,864	10,113	635	372	562	3,316	676	183	473	633	884	26,741	

**USAHA MENANGKAP IKAN SEYUNIT: BILANGAN HARI MENANGKAP IKAN MENGIKUT
JENIS PERKAKAS DAN NEGERI DALAM 1981**

PER UNIT FISHING EFFORT: NUMBER OF FISHING DAYS BY TYPE OF GEAR
AND BY STATE IN 1981

Jenis Perkakas Type of Gear	Pukat Tunda Trawl Nets					Pukat Tarik Seine Nets			Perangkap Traps									
	0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain-lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat- belat Stationary	Bubu Portable	Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Stiput Shellfish Collections	Rampaihan Miscellaneous
Negeri State																		
Pertis	232	232	232	232	—	230	—	228	227	—	124	194	227	—	228	—	20	227
Kedah	266	274	276	267	—	280	296	220	212	212	201	198	192	184	207	179	288	179
Pulau Pinang Penang	—	—	311	132	—	434	—	305	227	—	—	219	192	182	—	202	360	33
Perak	300	306	300	303	—	297	369	256	259	—	222	222	270	148	130	282	285	255
Selangor	302	303	282	287	—	171	—	207	239	234	128	—	213	201	236	—	194	—
Negeri Sembilan	—	—	—	—	—	—	—	156	236	—	—	122	182	—	—	—	73	193
Melaka Malacca	—	—	—	—	—	—	—	214	207	—	278	—	197	—	268	220	21	—
Johor Barat Johore West	360	360	360	—	—	—	—	179	150	95	162	79	200	153	203	—	258	167
Kelantan	—	230	161	—	—	184	—	194	194	166	—	168	192	—	84	—	—	—
Trengganu	314	314	215	80	—	237	211	156	256	288	—	182	187	—	—	—	—	185
Pahang	270	281	283	255	41	179	185	68	243	225	140	158	251	—	—	—	n.a.	—
Johor Timur Johore East	290	275	278	274	24	236	—	42	218	121	269	118	256	247	—	—	—	32
Purata .. Average	292	286	270	229	33	250	265	185	222	192	191	166	213	186	194	221	187	159

**USAHA MENANGKAP IKAN SEUNIT: BILANGAN TERIP MENANGKAP IKAN MENGIKUT
JENIS PERKAKAS DAN NEGERI DALAM 1981**

PER UNIT FISHING EFFORT: NUMBER OF TRIPS BY TYPE OF GEAR
AND BY STATE IN 1981

Jenis Perkakas Type of Gear	Pukat Tunda Trawl Nets					Pukat Tarik Seine Nets			Perangkap Traps					Pancing Hooks and Lines	Pukat Bakul Bag Net	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collections	Rampaiian Miscellaneous
	0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain-lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat- belat Stationary	Bubu Portable							
Negeri State																			
Perlis	222	174	126	126	—	150	—	176	213	—	tidak mengenai not applicable	97	227	tidak mengenai not applicable	228	—	20	227	
Kedah	266	274	276	267	—	280	296	220	n.a.	n.a.		n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	
Pulau Pinang	—	—	311	132	—	436	—	305	228	—		45	192		—	202	360	33	
Penang																			
Perak	300	249	177	137	—	297	369	256	259	—		201	246		91	282	285	255	
Selangor	302	303	294	287	—	171	—	210	242	234		—	207		236	—	194	—	
Negeri Sembilan	—	—	—	—	—	—	—	156	236	—		122	182		—	—	73	193	
Melaka	—	—	—	—	—	—	—	278	182	—		—	197		268	220	21	—	
Malacca																			
Johor Barat	360	360	360	—	—	—	—	179	150	95		79	200		203	—	258	167	
Johore West																			
Kelantan	—	230	161	—	—	184	—	194	194	166	168	192	84	—	—	—			
Trengganu	314	314	215	80	—	237	211	156	256	288	182	187	—	—	—	185			
Pahang	270	281	283	255	27	179	185	68	243	225	158	251	—	—	n.a.	—			
Johore Timur	284	224	193	189	8	236	—	30	173	113	39	174	—	—	—	32			
Johore East																			
Purata .. Average	290	268	240	184	18	241	265	186	216	187	—	121	205	—	185	235	173	156	

**USAHA MENANGKAP IKAN SEYUNIT: BILANGAN KALI MENANGKAP IKAN MENGIKUT
JENIS PERKAKAS DAN NEGERI DALAM 1981**

PER UNIT FISHING EFFORT: NUMBER OF HAULS BY TYPE OF GEAR
AND BY STATE IN 1981

Jenis Perkakas Type of Gear	Pukat Tunda Trawl Nets					Pukat Tarik Seine Nets			Perangkap Traps										
	0-9.9 Tons	10-24.9 Tons	25-39.9 Tons	40-69.9 Tons	70 Tons and above	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain-lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat- belat Stationary	Bubu Portable	Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collections	Ramoaian Miscellaneous	
Negeri State																			
Perlis	696	696	696	696	—	n.a.	—	n.a.	n.a.	—	n.a.	n.a.	n.a.	—	n.a.	—	n.a.	n.a.	
Kedah	798	822	828	801	—	426	722	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
Pulau Pinang Penang	—	—	1,118	528	—	784	—	2,120	653	—	—	n.a.	192	512	—	202	360	33	
Perak	747	747	531	411	—	n.a.	n.a.	n.a.	n.a.	—	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
Selangor.. .. .	906	909	882	957	—	407	—	352	487	508	368	—	422	698	472	—	258	—	
Negeri Sembilan	—	—	—	—	—	—	—	306	650	—	—	n.a.	n.a.	—	—	—	n.a.	n.a.	
Melaka Malacca	—	—	—	—	—	—	—	1,100	558	—	530	—	454	—	536	737	n.a.	—	
Johor Barat Johore West	897	897	897	—	—	—	—	1,377	300	178	225	79	200	1,177	203	—	n.a.	n.a.	
Kelantan.. .. .	—	580	378	—	—	492	—	388	388	332	—	336	n.a.	—	168	—	—	—	
Trengganu	942	942	663	256	—	530	759	348	672	933	—	n.a.	n.a.	—	—	—	—	n.a.	
Pahang	661	728	873	789	74	352	474	114	573	474	n.a.	n.a.	449	—	—	—	n.a.	—	
Johore Timur Johore East	870	672	592	595	24	300	—	60	248	155	1,336	n.a.	n.a.	457	—	—	—	28	
Purata .. Average	815	777	746	629	49	470	652	685	503	430	615	208	343	711	344	469	309	31	

n.a = not available.

BILANGAN PERKAKAS-PERKAKAS YANG DILESENKAN MENGIKUT DAERAH PERIKANAN, 1981
Number of Licensed Fishing Gears by Fisheries Districts, 1981

Daerah Perikanan Fisheries Districts	Pukat Tarik Seine Nets				Perangkap-perangkap Traps										Jumlah Total
	Pukat Tunda Trawl Nets	Pukat Jenturi Purse Seine Fish	Pukat Jenturi Bili Purse Seine Anchovy	Lain-lain Other Seines	Pukat Hanyut Drift Gull Nets	Pukat Tengkok Lift Nets	Beli-beli Stagbany	Bulu Portable	Pancing Hook & Lines	Pukat Bakul Bag Nets	Pukat Rintang Barrier Nets	Pukat Surung Push-Scop Nets	Memangai Siat Shedder Collections	Rampasan Miscellaneous	
1. Kuala Perlis ..	280	91	—	5	316	—	7	1	9	—	7	—	—	10	726
2. Langkawi ..	29	2	32	3	560	84	—	6	128	—	—	2	—	—	846
3. Kedah Utara ..	353	30	1	25	367	31	3	2	1	—	7	—	—	4	824
4. Kedah Selatan ..	123	52	9	27	782	28	—	4	21	131	50	6	—	3	1,236
5. Barat-Daya ..	131	43	2	15	730	12	—	10	13	196	—	—	—	—	1,152
6. Timur-Laut ..	44	1	—	10	234	1	—	3	29	12	—	—	—	—	334
7. Seberang Prai ..	—	44	—	146	937	—	4	33	29	61	2	—	19	35	1,310
8. Krian ..	—	15	—	860	946	—	1	9	37	166	—	—	60	107	2,201
9. Larut & Matang ..	647	2	—	12	794	—	—	24	60	27	—	—	179	178	1,923
10. Marjong/(Dindings) ..	653	74	16	60	593	—	—	49	262	—	—	—	89	25	1,821
11. Hilir Perak ..	349	57	—	3	431	—	10	30	77	—	—	—	1	82	1,040
12. Selangor Utara ..	195	—	—	—	704	4	—	2	20	24	12	—	—	—	961
13. Selangor Tengah ..	28	—	—	20	605	1	—	1	103	190	20	—	3,584	5	4,557
14. Pelabuhan Kelang ..	247	—	—	1	935	—	—	2	77	486	5	1	—	75	1,829
15. Selangor Selatan ..	12	—	—	—	500	—	—	10	79	—	4	—	—	—	605
16. Port Dickson ..	—	—	—	12	235	—	—	23	50	—	—	—	3	1	324
17. Melaka/(Malacca) ..	—	—	—	22	1,091	—	7	1	90	—	7	—	1	—	1,219
18. Muar ..	—	—	—	11	670	—	88	24	61	2	48	—	—	—	904
19. Batu Pahat ..	91	—	—	24	790	—	15	8	37	81	18	—	—	—	1,064
20. Pontian ..	232	—	—	9	559	—	9	5	20	137	17	—	—	—	988
21. Johor Bahru ..	—	—	—	19	615	8	78	126	23	—	10	1	—	2	882
22. Kota Tinggi ..	98	38	—	7	279	56	74	12	17	233	28	—	—	4	846
23. Mersing ..	259	38	—	5	213	21	22	53	16	—	2	—	—	—	629
24. Kuantan ..	133	18	12	3	132	21	1	107	245	—	—	—	—	—	672
25. Pekan ..	96	3	1	2	217	11	—	88	143	—	—	—	—	—	561
26. Kuala Rompin ..	75	18	2	1	77	—	8	18	14	2	—	—	—	—	215
27. Kemaman ..	81	13	16	7	66	31	—	122	—	—	—	—	—	—	336
28. Dungun ..	61	12	5	5	190	5	—	47	—	—	—	—	—	—	325
29. Marang ..	38	22	16	7	162	9	—	5	—	—	—	—	—	—	259
30. Kuala Trengganu ..	173	41	16	17	213	11	—	40	—	—	—	—	—	—	511
31. Besut ..	53	44	32	40	455	27	—	23	—	—	—	—	—	—	674
32. Kota Bharu ..	91	28	8	90	496	41	—	10	8	—	—	—	—	—	772
33. Bacok ..	2	12	—	18	453	17	—	4	—	—	—	—	—	—	506
Jumlah Total ..	4,574	698	168	1,486	16,347	419	327	902	1,669	1,748	237	10	3,936	531	33,052

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
 NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	4,405	—	—	4,405	197	1,308	1,004	262	118	1,059	310	139	7	1
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan	624	2	—	662	1	8	29	31	47	273	149	73	10	1
Purse Seine-Fish														
Pukat Jerut Bilis	289	23	5	261	9	35	52	42	13	71	32	7	—	—
Purse Seine-Anchovy														
Lain-lain	1,552	151	340	1,061	818	227	12	3	—	1	—	—	—	—
Other Seines														
Pukat Hanyut	14,979	2,103	5,069	7,807	2,930	4,022	596	171	60	24	2	1	1	—
Gill/Drift Nets														
Pukat Tangguk	517	104	107	306	60	158	50	12	8	13	5	—	—	—
Lift Nets														
Perangkap/Traps:														
Belat-belat	145	27	64	54	30	16	5	3	—	—	—	—	—	—
Stationary														
Bubu	693	29	109	555	46	195	179	65	31	31	6	1	1	—
Portable														
Pancing	4,958	1,292	1,084	2,582	709	987	630	192	23	34	2	3	—	2
Hook and Lines														
Pukat Bakul	731	155	169	407	353	48	1	3	1	1	—	—	—	—
Bag Nets														
Pukat Surung	138	54	70	14	13	1	—	—	—	—	—	—	—	—
Push/Scoop Nets														
Pukat Rentang	217	93	99	25	12	12	1	—	—	—	—	—	—	—
Barrier Nets														
Memunggut Siput	274	13	22	239	226	13	—	—	—	—	—	—	—	—
Shellfish Collections														
Pembawa Ikan	256	95	14	147	41	58	16	7	5	4	—	16	—	—
Fish Carriers														
Rampaian	612	296	216	100	14	2	—	—	1	6	17	48	12	—
Miscellaneous														
JUMLAH TOTAL	30,390	4,437	7,368	18,585	5,459	7,090	2,575	791	307	1,517	523	288	31	4

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	242	—	—	242	12	76	104	21	7	16	6	—	—	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	91	—	—	91	—	—	—	2	3	50	24	12	—	—
Pukat Jerut Bilis Purse Seine-Anchovy	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain Other Seines	5	—	4	1	1	—	—	—	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	314	11	182	121	85	18	6	6	3	3	—	—	—	—
Pukat Tangguk Lift Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	3	—	—	3	3	—	—	—	—	—	—	—	—	—
Bubu Portable	3	—	—	3	1	—	1	1	—	—	—	—	—	—
Pancing Hook and Lines	62	23	4	35	5	9	7	3	—	11	—	—	—	—
Pukat Bakul Bag Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian Miscellaneous	9	4	5	—	—	—	—	—	—	—	—	—	—	—
JUMLAH TOTAL	729	38	195	496	107	103	118	33	13	80	30	12	—	—

KEDAH

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	546	—	—	546	20	54	62	37	20	258	84	11	—	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	39	2	—	37	—	—	2	2	1	23	3	5	—	—
Pukat Jerut Bilis Purse Seine-Anchovy	84	—	—	84	—	—	—	1	1	50	25	7	—	—
Lain-lain Other Seines	63	7	53	3	3	—	—	—	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	1,641	150	1,141	350	208	112	18	7	3	2	—	—	—	—
Pukat Tangguk Lift Nets	132	1	54	77	40	36	—	1	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	16	3	3	10	4	6	—	—	—	—	—	—	—	—
Bubu Portable	10	2	5	3	1	1	1	—	—	—	—	—	—	—
Pancing Hook and Lines	236	122	72	42	26	13	2	—	—	—	—	—	—	—
Pukat Bakul Bag Nets	81	52	29	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	7	4	3	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	53	18	35	—	—	—	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian Miscellaneous	92	7	2	83	—	—	—	—	—	6	17	48	12	—
JUMLAH TOTAL	3,000	368	1,397	1,235	302	222	85	48	25	340	129	71	13	—

PULAU PINANG/PENANG

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	191	—	—	191	—	—	—	—	—	166	16	8	1	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	78	—	—	78	—	—	9	8	7	31	11	12	—	—
Pukat Jerut Bilis Purse Seine-Anchovy	2	—	—	2	—	—	—	1	1	—	—	—	—	—
Lain-lain Other Seines	239	27	19	193	120	68	3	1	—	1	—	—	—	—
Pukat Hanyut Gill/Drift Nets	1,753	283	772	698	324	359	4	4	1	4	2	—	—	—
Pukat Tangguk Lift Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	3	3	—	—	—	—	—	—	—	—	—	—	—	—
Bubu Portable	40	4	8	28	1	2	5	13	5	1	1	—	—	—
Pancing Hook and Lines	185	63	105	17	6	5	1	5	—	—	—	—	—	—
Pukat Bakul Bag Nets	153	5	87	61	60	—	—	—	—	1	—	—	—	—
Pukat Surung Push/Scoop Nets	31	11	20	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	21	4	14	3	3	—	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	16	1	1	14	2	8	2	2	—	—	—	—	—	—
Rampaian Miscellaneous	34	23	11	—	—	—	—	—	—	—	—	—	—	—
JUMLAH TOTAL	2,747	424	1,038	1,285	516	442	24	34	14	204	30	20	1	—

PERAK

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	1,667	—	—	1,667	109	680	499	56	14	156	95	58	—	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	134	—	—	134	1	6	5	2	7	57	42	14	—	—
Pukat Jerut Bilis Purse Seine-Anchovy	16	—	—	16	—	—	—	—	—	11	5	—	—	—
Lain-lain Other Seines	969	58	105	806	677	127	1	1	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	2,368	314	609	1,445	836	569	34	5	—	—	—	1	—	—
Pukat Tangguk Lift Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	14	5	—	9	4	—	2	3	—	—	—	—	—	—
Bubu Portable	106	4	8	94	5	25	45	2	5	11	1	—	—	—
Pancing Hook and Lines	432	99	144	189	71	64	35	18	—	1	—	—	—	—
Pukat Bakul Bag Nets	92	1	6	85	83	2	—	—	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	40	9	17	14	13	1	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	234	6	8	220	215	5	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	19	—	—	19	2	1	—	—	—	—	—	16	—	—
Rampaian Miscellaneous	374	205	156	13	13	—	—	—	—	—	—	—	—	—
JUMLAH TOTAL	6,465	701	1,053	4,711	2,029	1,480	621	87	26	236	143	89	—	—

SELANGOR

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	497	—	—	497	7	57	91	33	10	237	45	16	1	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	11	—	—	11	—	—	—	—	—	4	5	2	—	—
Pukat Jerut Bilis Purse Seine-Anchovy	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain Other Seines	20	3	15	2	2	—	—	—	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	2,519	165	427	1,927	274	1,381	188	54	27	3	—	—	—	—
Pukat Tangguk Lift Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu Portable	5	1	3	1	—	1	—	—	—	—	—	—	—	—
Pancing Hook and Lines	250	62	90	98	24	61	5	4	3	1	—	—	—	—
Pukat Bakul... Bag Nets	288	92	4	192	149	39	1	2	1	—	—	—	—	—
Pukat Surung Push/Scoop Nets	34	12	22	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	36	21	4	11	3	7	1	—	—	—	—	—	—	—
Memunggut Siput... Shellfish Collections	13	—	—	13	6	7	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	18	4	—	14	2	3	—	3	3	3	—	—	—	—
Rampaian Miscellaneous	63	38	23	2	1	1	—	—	—	—	—	—	—	—
JUMLAH TOTAL	3,754	398	588	2,768	468	1,557	286	96	44	248	50	18	1	—

NEGERI SEMBILAN

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis Purse Seine-Anchovy	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain Other Seines	7	3	4	—	—	—	—	—	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	203	57	53	93	19	73	1	—	—	—	—	—	—	—
Pukat Tangguk Lift Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu Portable	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing Hook and Lines	18	5	8	5	2	3	—	—	—	—	—	—	—	—
Pukat Bakul Bag Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian Miscellaneous	1	1	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH TOTAL	229	66	65	98	21	76	1	—	—	—	—	—	—	—

MELAKA/MALACCA

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis Purse Seine-Anchovy	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain Other Seines	18	4	14	—	—	—	—	—	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	794	80	328	386	62	319	—	3	1	1	—	—	—	—
Pukat Tangguk Lift Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	5	1	4	—	—	—	—	—	—	—	—	—	—	—
Bubu Portable	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing Hook and Lines	81	18	45	18	3	15	—	—	—	—	—	—	—	—
Pukat Bakul Bag Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	7	4	3	—	—	—	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	1	—	—	1	—	1	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian Miscellaneous	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH TOTAL	907	108	394	405	65	335	—	3	1	1	—	—	—	—

JOHOR BARAT/WEST JOHORE
BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
 NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & Ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	345	—	—	345	17	152	93	58	15	10	—	—	—	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis Purse Seine-Anchovy	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain Other Seines	52	8	43	1	1	—	—	—	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	2,687	450	1,197	1,040	500	532	5	3	—	—	—	—	—	—
Pukat Tangguk Lift Nets	3	—	3	—	—	—	—	—	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	64	6	46	12	12	—	—	—	—	—	—	—	—	—
Bubu Portable	112	13	80	19	2	10	4	3	—	—	—	—	—	—
Pancing Hook and Lines	584	300	270	14	9	5	—	—	—	—	—	—	—	—
Pukat Bakul Bag Nets	25	—	1	24	16	7	—	1	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	21	15	6	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	95	44	37	14	9	5	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	5	3	—	2	2	—	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	11	—	9	2	2	—	—	—	—	—	—	—	—	—
Rampaian Miscellaneous	14	6	7	1	—	1	—	—	—	—	—	—	—	—
JUMLAH TOTAL	4,018	845	1,699	1,474	570	712	102	65	15	10	—	—	—	—

KELANTAN

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & Ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	92	—	—	92	2	30	31	7	2	19	—	—	1	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	39	—	—	39	—	—	—	—	4	17	8	5	5	—
Pukat Jerut Bilis Purse Seine-Anchovy	2	—	—	2	—	1	1	—	—	—	—	—	—	—
Lain-lain Other Seines	104	12	78	14	6	6	2	—	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	859	72	118	669	398	127	70	57	11	5	—	—	1	—
Pukat Tangguk Lift Nets	111	23	50	38	8	16	6	4	3	1	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu Portable	22	—	—	22	1	1	3	2	3	9	3	—	—	—
Pancing Hook and Lines	544	81	87	376	167	87	65	44	7	5	—	1	—	—
Pukat Bakul Bag Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	4	—	1	3	2	—	—	1	—	—	—	—	—	—
Rampaian Miscellaneous	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH TOTAL	1,777	188	334	1,255	584	268	178	115	30	56	11	6	7	—

TRENGGANU

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-59.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	164	—	—	164	1	30	60	19	6	37	4	4	2	1
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	123	—	—	123	—	2	11	14	22	51	18	4	—	1
Pukat Jerut Bilis Purse Seine-Anchovy	148	11	—	137	5	33	46	37	10	5	1	—	—	—
Lain-lain Other Seines	52	15	—	37	5	26	6	—	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	943	397	1	545	93	243	166	25	12	6	—	—	—	—
Pukat Tangguk Lift Nets	160	29	—	131	9	80	34	4	1	1	2	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu Portable	192	—	—	192	7	65	57	36	17	9	—	—	1	—
Pancing Hook and Lines	1,781	332	2	1,447	323	566	432	99	12	11	1	1	—	2
Pukat Bakul Bag Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	185	90	3	92	31	44	13	1	2	1	—	—	—	—
Rampaian Miscellaneous	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH .. TOTAL	3,748	874	6	2,868	474	1,089	825	235	82	121	26	9	3	4

PAHANG

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & Ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	330	—	—	330	25	184	42	9	5	45	12	7	1	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	34	—	—	34	—	—	1	1	1	12	9	7	3	—
Pukat Jerut Bilis Purse Seine-Anchovy	37	12	5	20	4	1	5	3	1	5	1	—	—	—
Lain-lain Other Seines	6	3	1	2	1	—	—	1	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	341	76	63	202	46	110	40	5	1	—	—	—	—	—
Pukat Tangguk Lift Nets	59	28	—	31	3	16	9	3	—	—	—	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu Portable	150	—	—	150	11	71	60	7	1	—	—	—	—	—
Pancing Hook and Lines	193	15	1	177	18	87	58	13	1	—	—	—	—	—
Pukat Bakul Bag Nets	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian Miscellaneous	1	—	—	1	—	—	—	—	1	—	—	—	—	—
JUMLAH TOTAL	1,152	135	70	947	108	469	215	42	11	62	22	14	4	—

JOHOR TIMUR/EAST JOHORE

BILANGAN BOT-BOT YANG DILESENKAN MENGIKUT PERKAKAS, JENIS DAN MUATAN, 1981
NUMBER OF LICENSED FISHING BOATS BY GEAR GROUP, TYPE AND TONNAGE, 1981

Jenis Perkakas Type of Fishing Gear	Jumlah Total	Bot Tiada Berjentera Non-powered	Bot Berjentera Sangkut Out-board powered	BOT BERJENTERA DALAM/INBOARD-POWERED										
				Jumlah Kecil Sub-Total	0-4.9 Tan/Tons	5-9.9 Tan/Tons	10-14.9 Tan/Tons	15-19.9 Tan/Tons	20-24.9 Tan/Tons	25-39.9 Tan/Tons	40-49.9 Tan/Tons	50-69.9 Tan/Tons	70-99.9 Tan/Tons	100 Tan & Ke atas 100 Tons & above
Pukat Tunda/Trawl Nets	331	—	—	331	4	45	22	22	39	115	48	35	1	—
Pukat Tarik/Seine Nets:														
Pukat Jerut Ikan Purse Seine-Fish	75	—	—	75	—	—	1	2	2	28	29	12	1	—
Pukat Jerut Bilis Purse Seine-Anchovy	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain Other Seines	17	11	4	2	2	—	—	—	—	—	—	—	—	—
Pukat Hanyut Gill/Drift Nets	557	48	178	331	85	179	64	2	1	—	—	—	—	—
Pukat Tangguk Lift Nets	52	23	—	29	—	10	1	—	4	11	3	—	—	—
Perangkap/Traps:														
Belat-belat Stationary	40	9	11	20	7	10	3	—	—	—	—	—	—	—
Bubu Portable	53	5	5	43	17	19	3	1	—	1	1	1	—	—
Pancing Hook and Lines	592	172	256	164	55	72	25	6	—	4	1	1	—	—
Pukat Bakul Bag Nets	91	4	42	45	45	—	—	—	—	—	—	—	—	—
Pukat Surung Push/Scoop Nets	4	2	2	—	—	—	—	—	—	—	—	—	—	—
Pukat Rentang Barrier Nets	25	6	19	—	—	—	—	—	—	—	—	—	—	—
Memunggut Siput Shellfish Collections	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pembawa Ikan Fish Carriers	3	—	—	3	—	2	1	—	—	—	—	—	—	—
Rampaian Miscellaneous	24	12	12	—	—	—	—	—	—	—	—	—	—	—
JUMLAH TOTAL	1,864	292	529	1,043	215	337	120	33	46	159	82	49	2	—

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
SIRI TAHUNAN PENDAPATAN IKAN LAUT DAN NILAI
ANNUAL SERIES OF MARINE FISH LANDINGS AND VALUE
(Dalam Tan Metrik/In Metric Tonnes)

Negeri State	1977		1978		1979		1980		1981	
	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$	Kuantiti Quantity	Nilai Value \$
Pantai Barat/West Coast:										
Pertis	14,333	18,743,302	14,544	27,690,361	18,194	26,985,578	26,732	35,922,681	32,892	50,639,211
Kedah	71,616	148,232,460	66,491	170,987,018	86,199	203,415,251	99,500	189,435,291	148,028	271,317,277
Pulau Pinang Penang	28,023	44,313,230	22,522	48,452,722	28,349	46,440,921	40,010	61,065,108	34,125	59,826,988
Perak	143,158	254,065,774	186,645	415,445,997	189,638	295,992,154	230,683	316,624,988	147,289	279,976,968
Selangor	105,857	145,472,323	104,705	258,674,583	88,657	190,743,715	78,522	135,341,746	48,036	90,654,343
Negeri Sembilan	450	1,405,958	422	1,357,151	439	1,196,251	479	1,173,846	744	2,395,979
Melaka	1,453	3,564,026	2,441	5,306,208	2,409	7,021,076	2,524	8,145,858	2,485	9,969,650
Johor Barat West Johore	12,977	33,526,837	13,004	38,114,766	18,462	38,222,132	15,045	31,607,727	19,772	43,228,923
Jumlah Kecil .. Sub-Total	377,867	649,323,910	410,774	966,028,806	432,347	810,017,078	493,495	779,317,245	433,371	808,009,339
Pantai Timur/East Coast:										
Kelantan	6,489	11,783,998	14,493	31,698,259	15,437	20,396,599	18,482	26,318,801	8,854	15,907,210
Trengganu	77,800	120,206,433	75,349	163,272,752	65,584	88,482,647	58,623	93,555,583	140,434	252,021,861
Pahang	13,960	16,972,313	16,317	29,234,849	16,614	19,726,691	22,980	35,316,196	29,907	69,870,460
Johor Timur East Johore	21,836	30,206,875	47,965	103,176,609	40,923	48,952,569	30,318	43,489,522	36,749	68,882,761
Jumlah Kecil .. Sub-Total	120,085	179,169,619	154,124	327,382,469	138,558	177,558,506	130,403	198,680,102	215,944	406,682,292
Jumlah Besar .. Grand-Total	497,952	828,493,529	564,898	1,293,411,275	570,905	987,575,584	623,898	977,997,347	649,315	1,214,691,631

SEMENANJUNG MALAYSIA/(PENINSULAR MALAYSIA)
TANGKAPAN DAN NILAI IKAN LAUT MENGIKUT NEGERI BAGI TAHUN 1981
LANDINGS AND VALUE OF MARINE FISH BY STATES FOR THE YEAR 1981

Kuantiti dan Peratus Quantity and Percentage Negeri/State	Pantai Barat/West Coast								Jumlah Kecil Sub-Total	Pantai Timur/East Coast				Jumlah Kecil Sub-Total	Jumlah Besar Grand-Total
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Trengganu	Pahang	Johor Timur East Johore		
Pendaratan dalam Ton M. Landing in M. Tonnes	32,891.54	148,028.28	34,125.39	147,288.69	48,035.64	743.83	2,485.47	19,772.42	433,371.26	8,854.43	140,434.19	29,906.72	36,748.45	215,943.79	649,315.05
Peratus Percentage	5.07	22.80	5.26	22.68	7.40	0.11	0.38	3.04	66.74	1.36	21.63	4.61	5.66	33.26	100%
Nilai dalam M. Ringgit Value in Malaysian \$	50,639,211	271,317,277	59,826,988	279,976,968	90,654,343	2,395,979	9,969,650	43,228,923	808,009,339	15,907,210	252,021,861	69,870,460	68,882,761	406,682,292	1,214,691,631
Peratus Percentage	4.17	22.34	4.92	23.05	7.46	0.20	0.82	3.56	66.52	1.31	20.75	5.75	5.67	33.48	100%

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN NEGERI, 1981
LANDINGS OF MARINE FISH BY MONTH AND STATE, 1981

Negeri/State	Bulan/Month	Januari January	Februari February	Mach March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pantai Barat/West Coast														
Perlis		3,468.17	2,969.70	3,060.21	3,199.64	2,976.03	2,694.73	2,790.26	2,495.35	1,877.57	2,484.65	2,485.95	2,389.28	32,891.54
Kedah		10,765.26	12,305.86	16,498.24	14,423.78	14,986.57	15,036.60	11,349.73	9,807.20	10,077.56	9,221.78	9,584.26	13,971.44	148,028.28
Pulau Pinang		2,656.51	1,674.89	3,035.63	3,223.53	3,113.44	2,647.92	4,428.37	3,370.78	1,864.43	2,375.13	2,761.76	2,973.00	34,125.39
Perak		12,325.71	13,188.56	13,614.40	11,443.92	14,461.40	12,343.50	15,886.39	12,576.11	12,496.55	10,167.94	8,940.11	9,844.10	147,288.69
Selangor		3,449.00	2,302.11	4,008.83	3,886.81	5,073.63	4,415.37	4,675.50	4,686.09	4,574.11	3,458.68	3,736.42	3,769.09	48,035.64
Negeri Sembilan		44.65	50.03	50.57	49.67	50.33	49.73	69.45	104.77	101.33	68.78	51.78	52.74	743.83
Melaka		195.77	198.55	232.61	205.26	199.27	225.65	209.20	197.27	203.57	222.14	183.66	212.52	2,485.47
Johor Barat West Johore		1,722.38	1,573.20	1,143.80	1,973.83	3,259.22	2,056.24	2,622.62	899.68	1,291.47	1,536.88	693.53	999.57	19,772.42
Jumlah Kecil Sub-Total		34,627.45	34,262.90	41,644.29	38,406.44	44,119.89	39,469.74	42,031.52	34,137.25	32,486.59	29,535.98	28,437.47	34,211.74	433,371.26
Pantai Timur/East Coast														
Kelantan		592.92	811.86	794.31	747.19	649.24	964.37	879.55	756.20	983.85	837.08	685.54	152.32	8,854.43
Trengganu		9,535.88	10,706.59	18,696.98	17,377.61	12,781.43	10,665.88	10,249.61	12,970.18	12,445.31	11,523.23	6,508.29	6,973.20	140,434.19
Pahang		926.79	923.53	1,223.70	1,715.26	2,874.29	3,777.37	3,982.39	3,662.25	5,663.59	2,713.41	2,153.34	290.80	29,906.72
Johor Timur East Johore		1,067.99	2,302.80	2,541.25	3,329.34	3,069.86	3,397.82	3,149.79	3,573.68	3,638.60	6,091.17	3,213.98	1,372.17	36,748.45
Jumlah Kecil Sub-Total		12,123.58	14,744.78	23,256.24	23,169.40	19,374.82	18,805.44	18,261.34	20,962.31	22,731.35	21,164.89	12,561.15	8,788.49	215,943.79
Jumlah Besar/Grand Total Ton M./Metric Tonnes		46,751.03	49,007.68	64,900.53	61,575.84	63,494.71	58,275.18	60,292.86	55,099.56	55,217.94	50,700.87	40,998.62	43,000.23	649,315.05

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY STATE AND GEAR GROUP 1981

Negeri/State Kumpulan Perkakas Gear Group	Pantai Barat/West Coast								Jumlah Kecil Sub-Total	Pantai Timur/East Coast				Jumlah Kecil Sub-Total	Jumlah Besar Grand- Total
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Terengganu	Pahang	Johor Timur East Johore		
Pukat-pukat Tunda... <i>Trawl Nets</i>	8,488.93	111,919.61	4,984.08	40,740.11	25,431.55	—	—	8,369.99	199,934.27	1,153.54	11,388.27	7,836.27	13,959.20	34,337.28	234,271.55
P.P. Tarik/Seine Nets:															
Pukat Jerut Ikan... <i>P. Seine-Fish</i>	22,512.86	8,306.92	11,897.84	5,801.93	2,448.93	—	—	—	50,968.48	4,842.59	56,063.42	2,069.46	10,373.07	73,348.54	124,317.02
Pukat Jerut Bilis... <i>P. Seine-Anchovy</i>	—	20,638.73	—	6,388.64	—	—	—	—	27,027.37	—	5,378.78	2,539.44	—	7,918.22	34,945.59
Lain-lain... <i>Other Seine</i>	132.43	326.77	2,890.42	13,213.90	906.37	79.32	89.71	174.86	17,813.78	132.27	7,396.08	56.47	196.68	7,781.50	25,595.28
Pukat-pukat Hanyut... <i>Drift/Gill Nets</i>	658.08	2,555.90	5,303.20	11,369.21	6,333.84	333.19	1,569.69	3,504.46	31,627.57	690.76	23,968.13	4,891.07	3,775.14	33,325.10	64,952.67
Pukat-pukat Tangguk... <i>Lift Nets</i>	—	62.30	—	—	422.56	—	—	179.21	664.07	1,729.16	18,806.72	1,646.64	316.27	22,498.79	23,162.86
Perangkap-perangkap/Traps:															
Belat-belat... <i>Stationary</i>	689.30	591.66	—	2,690.37	94.50	—	165.22	859.19	5,090.24	—	—	266.05	446.94	712.99	5,803.23
Bubu... <i>Portable</i>	21.21	342.17	365.26	887.48	—	46.63	—	156.39	1,819.14	106.89	4,186.56	2,080.26	324.94	6,698.65	8,517.79
Pancing... <i>Lines</i>	192.25	147.44	147.02	3,518.99	994.94	143.90	429.29	807.41	6,381.24	166.93	10,455.55	8,467.64	5,026.14	24,116.26	30,497.50
Pukat-pukat Bakul... <i>Bag Nets</i>	—	671.26	2,175.04	1,739.70	6,048.14	—	—	5,133.67	15,767.81	—	—	—	2,210.71	2,210.71	17,978.52
Pukat-pukat Rentang... <i>Barrier Nets</i>	64.55	45.24	—	4.54	624.80	—	65.03	115.70	919.86	32.29	—	—	—	32.29	952.15
Pukat-pukat Surung... <i>Push/Scoop Nets</i>	—	115.04	769.27	2,613.59	—	—	157.87	—	3,655.77	—	—	—	—	—	3,655.77
Memungut Siput... <i>Shellfish Collection</i>	68.06	2,249.23	5,590.66	57,857.48	4,730.01	131.39	8.66	453.96	71,089.45	—	—	53.42	—	53.42	71,142.87
Rampaian... <i>Miscellaneous</i>	63.87	56.01	2.60	462.75	—	9.40	—	17.58	612.21	—	2,790.68	—	119.36	2,910.04	3,522.25
Jumlah/Total... Ton M.J.M. Tonnes	32,891.54	148,028.28	34,125.39	147,288.69	48,035.64	743.83	2,485.47	19,772.42	433,371.26	8,854.43	140,434.19	29,906.72	36,748.45	215,943.79	649,315.05

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
 LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas Gear Group	Bulan/Month	Januari January	Februari February	Mach March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pukat-pukat Tunda Trawl Nets		20,135.75	16,465.74	24,113.58	19,750.93	25,098.07	23,173.75	18,949.69	17,963.10	16,973.17	17,241.51	15,806.05	18,600.21	234,271.55
P.P. Tarik/Seine Nets:														
Pukat Jerut Ikan P. Seine Fish		9,206.63	10,039.60	14,486.86	13,406.27	11,128.29	8,940.29	10,836.50	11,310.21	9,673.82	12,346.76	6,711.39	6,230.40	124,317.02
Pukat Jerut Bilis P. Seine Anchovy		664.49	2,069.81	3,222.15	2,952.99	3,444.23	3,880.85	3,440.90	3,372.30	6,896.13	1,144.93	1,305.02	2,551.79	34,945.59
Lain-lain Other Seines		1,978.20	1,563.16	3,447.99	4,481.19	2,446.28	1,520.72	2,700.82	1,936.72	1,353.59	1,431.21	1,463.09	1,272.31	25,595.28
Pukat-pukat Hanyut Drift/Gill Nets		4,903.16	4,243.76	5,068.78	7,391.60	5,509.15	6,939.10	6,323.51	5,680.95	5,845.88	5,177.92	4,120.25	3,748.61	64,952.67
Pukat-pukat Tangguk Lift Nets		844.04	1,289.25	2,250.94	2,109.25	2,369.00	2,868.46	2,806.11	2,406.66	1,961.44	1,648.82	1,413.49	1,195.40	23,162.86
Perangkap-perangkap/Traps:														
Belat-belat Stationery		1,163.27	537.27	510.69	516.81	516.58	263.29	305.65	269.76	379.07	504.05	437.02	399.77	5,803.23
Bubu Portable		425.39	337.13	613.35	660.16	663.16	1,076.89	899.58	639.39	1,252.10	829.99	579.91	540.74	8,517.79
Pancing Lines		2,240.16	1,591.54	1,589.23	2,821.02	2,788.93	2,764.37	2,926.80	3,123.35	3,461.42	3,142.70	2,533.15	1,514.83	30,497.50
Pukat-pukat Bakul Bag Nets		1,834.83	1,196.86	792.85	1,261.17	2,871.86	2,110.95	1,984.82	1,066.19	1,095.09	1,436.73	1,298.30	1,028.87	17,978.52
Pukat-pukat Rentang Barrier Nets		131.52	93.77	106.90	94.63	75.44	77.59	79.17	72.71	70.34	47.31	47.85	54.92	952.15
Pukat-pukat Surung Push/Scoop Nets		175.32	226.43	261.10	419.59	442.76	446.63	378.52	305.62	283.97	286.14	264.41	165.28	3,655.77
Memungut Siput.. Shellfish Collection		3,006.78	9,318.45	8,273.87	5,445.44	5,707.68	3,758.50	7,954.26	6,129.03	5,558.55	5,414.76	4,926.91	5,648.64	71,142.87
Rampaian Miscellaneous		41.49	34.91	162.24	264.79	433.28	453.79	706.53	823.57	413.37	48.04	91.78	48.46	3,522.25
Jumlah/Total Ton M./M. Tonnes		46,751.03	49,007.68	64,900.53	61,575.84	63,494.71	58,275.18	60,292.86	55,099.56	55,217.94	50,700.87	40,998.62	43,000.23	649,315.05

JADUAL (TABLE) 2.6

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month		Januari January	Februari February	Mach March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton. M. Total M. Tonnes
Pukat-Pukat Tunda <i>Trawl Nets</i>	..	..	18,147.00	14,286.01	19,531.02	17,771.51	22,842.95	20,846.18	15,884.96	14,545.38	13,059.56	13,419.05	13,062.62	16,538.03	199,934.27
<i>P.P. Tarik/Seine Nets:</i>															
Pukat Jerut Ikan <i>P. Seine Fish</i>	..	..	3,765.76	2,739.08	5,592.19	5,878.03	5,293.83	3,829.34	6,454.52	4,275.93	2,653.55	3,806.35	3,212.72	3,467.18	50,968.48
Pukat Jerut Bilis <i>P. Seine Anchovy</i>	..	..	664.49	2,046.70	2,343.93	1,923.41	2,204.96	3,159.59	3,036.00	2,553.84	4,666.36	574.30	1,302.00	2,551.79	27,027.37
Lain-Lain <i>Others Seines</i>	..	..	1,615.37	797.50	1,228.68	1,222.30	1,374.76	1,459.10	2,684.98	1,928.55	1,345.43	1,426.61	1,461.21	1,269.29	17,813.78
Pukat-Pukat Hanyut <i>Drift/Gill Nets</i>	..	..	2,966.80	2,485.19	2,444.28	3,304.47	2,269.40	2,800.61	2,723.86	2,531.28	2,932.81	2,323.00	2,225.94	2,619.93	31,627.57
Pukat-Pukat Tangguk <i>Lift Nets</i>	..	..	59.89	55.78	61.71	59.95	84.43	86.43	46.28	63.22	46.56	38.60	27.04	34.18	664.07
<i>Perangkap-Perangkap/Traps:</i>															
Belat-Belat <i>Stationery</i>	..	..	1,078.76	526.80	495.57	415.48	467.40	231.41	252.06	178.59	286.15	421.35	395.58	341.09	5,090.24
Bubu <i>Portable</i>	..	..	119.72	133.57	154.13	159.49	161.29	248.76	173.14	136.79	101.27	125.09	151.84	154.05	1,819.14
Pancing <i>Lines</i>	..	..	1,059.53	429.23	395.76	588.72	558.57	507.26	495.21	519.41	477.69	456.86	434.48	458.52	6,381.24
Pukat-Pukat Bakul <i>Bag Nets</i>	..	..	1,795.02	1,089.48	710.09	1,068.31	2,590.07	1,989.17	1,811.08	841.69	970.29	1,174.29	846.76	881.56	15,767.81
Pukat-Pukat Rentang <i>Barrier Nets</i>	..	..	131.52	93.77	106.90	88.52	70.72	72.15	74.16	66.60	65.44	47.31	47.85	54.92	919.86
Pukat-Pukat Surung <i>Push/Scoop Nets</i>	..	..	175.32	226.43	261.10	419.59	442.76	446.63	378.52	305.62	283.97	286.14	264.41	165.28	3,655.77
Memungut Siput <i>Shellfish Collection</i>	..	..	3,006.78	9,318.45	8,273.87	5,445.44	5,707.68	3,758.50	7,954.26	6,129.03	5,553.71	5,388.99	4,925.28	5,627.46	71,089.45
Rampaian <i>Miscellaneous</i>	..	..	41.49	34.91	45.06	61.22	51.07	34.61	62.49	61.32	43.80	48.04	79.74	48.46	612.21
Jumlah/Total Ton M./M. Tonnes	..	..	34,627.45	34,262.90	41,644.29	38,406.44	44,119.89	39,469.74	42,031.52	34,137.25	32,486.59	29,535.98	28,437.47	34,211.74	433,371.26

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas Gear Group	Bulan/Month	Januari	Februari	Mach	April	Mei	Jun	Julai	Ogos	September	Oktober	November	Disember	Jumlah Ton M. Total M. Tonnes
		January	February	March	April	May	June	July	August	September	October	November	December	
Pukat-pukat Tunda <i>Trawl Nets</i>		1,988.75	2,179.73	4,582.56	1,979.42	2,255.12	2,327.57	3,064.73	3,417.72	3,913.61	3,822.46	2,743.43	2,062.18	34,337.28
P.P. Tarik/ <i>Seine Nets</i> :														
Pukat Jerut Ikan <i>P. Seine Fish</i>		5,440.87	7,300.52	8,894.67	7,528.24	5,834.46	5,110.95	4,381.98	7,034.28	7,020.27	8,540.41	3,498.67	2,763.22	73,348.54
Pukat Jerut Bilis <i>P. Seine Anchovy</i>		—	23.11	878.22	1,029.58	1,239.27	721.26	404.90	818.46	2,229.77	570.63	3.02	—	7,918.22
Lain-lain <i>Other Seines</i>		362.83	765.66	2,219.31	3,258.89	1,071.52	61.62	15.84	8.17	8.16	4.60	1.88	3.02	7,781.50
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>		1,936.36	1,758.57	2,624.50	4,087.13	3,239.75	4,138.49	3,599.65	3,149.67	2,913.07	2,854.92	1,894.31	1,128.68	33,325.10
Pukat-pukat Tangguk <i>Lift Nets</i>		784.15	1,233.47	2,189.23	2,049.30	2,284.57	2,782.03	2,759.83	2,343.44	1,914.88	1,610.22	1,386.45	1,161.22	22,498.79
Perangkap-perangkap/ <i>Traps</i> :														
Belat-belat <i>Stationery</i>		84.51	10.47	15.12	101.33	49.18	31.88	53.59	91.17	92.92	82.70	41.44	58.68	712.99
Bubu <i>Portable</i>		305.67	203.56	459.22	500.67	501.87	828.13	726.44	502.60	1,150.83	704.90	428.07	386.69	6,698.65
Pancing <i>Lines</i>		1,180.63	1,162.31	1,193.47	2,232.30	2,230.36	2,257.11	2,431.59	2,603.94	2,983.73	2,685.84	2,098.67	1,056.31	24,116.26
Pukat-pukat Bakul <i>Bag Nets</i>		39.81	107.38	82.76	192.86	281.79	121.78	173.74	224.50	124.80	262.44	451.54	147.31	2,210.71
Pukat-pukat Rentang <i>Barrier Nets</i>		—	—	—	6.11	4.72	5.44	5.01	6.11	4.90	—	—	—	32.29
Pukat-pukat Surung <i>Push/Scoop Nets</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>		—	—	—	—	—	—	—	—	4.84	25.77	1.63	21.18	53.42
Rampaian <i>Miscellaneous</i>		—	—	117.18	203.57	382.21	419.18	644.04	762.25	369.57	—	12.04	—	2,910.04
Jumlah/Total Ton M./M. Tonnes		12,123.58	14,744.78	23,256.24	23,169.40	19,374.82	18,805.44	18,261.34	20,962.31	22,731.35	21,164.89	12,561.15	8,788.49	215,943.79

JADUAL (TABLE) 2.8 (a)

PERLIS
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month		Januari January	Februari February	Mach March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	..	..	866.36	759.47	727.85	730.13	732.18	743.69	750.76	749.32	619.74	636.48	619.12	553.83	8,488.93
P.P. Tarik/ <i>Seine Nets</i>															
Pukat Jerut Ikan <i>P. Seine Fish</i>	..	..	2,342.29	1,949.73	2,080.52	2,268.72	2,150.46	1,855.59	1,940.73	1,577.43	1,167.09	1,750.45	1,734.56	1,695.29	22,512.86
Pukat Jerut Bilis <i>P. Seine Anchovy</i>	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain Other Seine	..	..	16.09	13.12	11.68	12.16	12.09	11.48	11.48	11.20	8.23	8.84	8.45	7.61	132.43
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	..	..	57.71	52.39	53.06	52.33	53.06	53.30	55.78	56.44	53.24	57.96	56.19	56.62	658.08
Pukat-pukat Tangguk <i>Lift Nets</i>	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap-perangkap/ <i>Traps</i>															
Belat-belat <i>Stationary</i>	..	..	161.71	172.72	160.98	109.26	—	—	—	—	—	—	37.02	47.61	689.30
Bubu <i>Portable</i>	..	..	—	—	1.44	1.63	1.68	2.12	2.36	2.60	2.24	2.42	2.54	2.18	21.21
Pancing <i>Lines</i>	..	..	13.91	12.89	14.94	15.79	16.58	17.54	18.03	18.39	16.21	16.94	16.15	14.88	192.25
Pukat-pukat Bakul <i>Bag Nets</i>	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang <i>Barrier Nets</i>	..	..	4.66	4.42	4.60	4.66	4.84	5.75	5.74	6.17	5.68	5.99	6.35	5.69	64.55
Pukat-pukat Surung <i>Push/Scoop Nets</i>	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	..	..	—	—	—	—	—	—	—	68.06	—	—	—	—	68.06
Rampaian <i>Miscellaneous</i>	..	..	5.44	4.96	5.14	4.96	5.14	5.26	5.38	5.74	5.14	5.57	5.57	5.57	63.87
Jumlah/ <i>Total</i> Tan M./M. Tonnes	..	..	3,468.17	2,969.70	3,060.21	3,199.64	2,976.03	2,694.73	2,790.26	2,495.35	1,877.57	2,484.65	2,485.95	2,389.28	32,891.54

KEDAH
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month	Januari January	Februari February	Mach March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>		9,518.15	9,631.82	12,319.06	10,322.93	11,686.63	11,433.39	8,351.12	6,759.65	6,540.54	7,510.46	7,391.41	10,454.45	111,919.61
P. P. Tarik/ <i>Seine Nets</i> :														
Pukat Jerut Ikan <i>P. Seine Fish</i>		314.22	449.19	1,850.70	1,759.11	907.32	491.05	496.49	471.81	419.18	677.74	245.13	224.98	8,306.92
Pukat Jerut Bilis <i>P. Seine Anchovy</i>		522.08	1,857.47	2,025.05	1,721.17	1,812.58	2,395.40	1,741.99	1,959.77	2,514.94	387.55	1,274.23	2,426.50	20,638.73
Lain-lain <i>Other Seines</i>		8.83	9.07	8.16	35.69	25.29	51.00	55.89	28.49	28.92	29.45	20.87	25.11	326.77
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>		232.06	203.87	153.84	175.92	149.61	186.57	184.51	205.69	184.03	227.89	276.83	375.08	2,555.90
Pukat-pukat Tangguk <i>Lift Nets</i>		4.60	6.72	8.11	5.14	4.17	4.96	4.90	4.23	5.26	4.84	3.93	5.44	62.30
Perangkap-perangkap/ <i>Traps</i> :														
Belat-belat <i>Stationary</i>		51.30	46.58	40.59	59.41	49.73	67.76	82.09	29.95	49.00	33.76	33.88	47.61	591.66
Bubu <i>Portable</i>		2.90	1.75	1.63	24.02	18.27	54.51	47.07	36.36	24.38	39.02	36.36	55.90	342.17
Pancing <i>Lines</i>		14.82	13.07	7.20	11.74	8.29	6.78	6.05	16.39	15.25	17.06	14.40	16.39	147.44
Pukat-pukat Bakul <i>Bag Nets</i>		78.52	69.69	68.72	69.09	63.76	68.72	62.86	29.10	29.40	25.11	27.22	79.07	671.26
Pukat-pukat Rentang <i>Barrier Nets</i>		2.48	2.84	2.54	4.23	4.84	5.32	4.42	3.15	3.81	3.81	3.99	3.81	45.24
Pukat-pukat Surung <i>Push/Scoop Nets</i>		2.06	1.51	1.63	12.58	10.34	12.46	12.95	12.46	11.37	13.91	16.15	7.62	115.04
Memungut Siput <i>Shellfish Collection</i>		10.28	10.28	9.38	214.16	238.96	254.08	296.43	244.40	247.43	245.92	235.93	241.98	2,249.23
Rampaian <i>Miscellaneous</i>		2.96	2.00	1.63	8.59	6.78	4.60	2.96	5.75	4.05	5.26	3.93	7.50	56.01
Jumlah/ <i>Total</i> Ton M./M. Tonnes		10,765.26	12,305.86	16,498.24	14,423.78	14,986.57	15,036.60	11,349.73	9,807.20	10,077.56	9,221.78	9,584.26	13,971.44	148,028.28

JADUAL (TABLE) 2.8 (c)

PULAU PINANG
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month		Januari January	Februari February	Mach March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pukat-pukat Tunda Trawl Nets	..	..	616.21	271.63	459.65	426.86	539.43	460.62	594.74	396.67	141.44	319.36	327.47	430.00	4,984.08
P. P. Tarik/Seine Nets:															
Pukat Jerut Ikan P. Seine-Fish	..	..	143.68	230.97	1,284.69	1,412.58	1,465.21	999.40	2,500.24	1,943.62	159.53	731.28	629.64	397.00	11,897.84
Pukat Jerut Bilis P. Seine-Anchovy	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain Other Seines	..	..	470.90	138.05	107.38	266.30	138.90	225.05	120.99	107.62	285.06	290.44	415.73	324.00	2,890.42
Pukat-pukat Hanyut Drift/Gill Nets	..	..	526.38	228.07	347.55	376.77	507.27	399.03	525.23	313.85	672.78	407.50	408.77	590.00	5,303.20
Pukat-pukat Tangguk Lift Nets	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap-perangkap/Traps:															
Belat-belat Stationary	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu Portable	..	..	—	12.58	20.21	52.03	70.49	70.66	30.19	30.01	24.26	11.67	27.16	16.00	365.26
Pancing Lines	..	..	24.14	8.59	16.94	10.59	10.04	16.27	14.52	9.01	12.46	6.17	8.29	10.00	147.02
Pukat-pukat Bakul Bag Nets	..	..	222.08	171.57	91.35	435.33	179.68	365.28	166.24	92.56	126.86	144.89	73.20	106.00	2,175.04
Pukat-pukat Rentang Barrier Nets	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung Push/Scoop Nets	..	..	114.70	75.02	85.97	97.88	75.74	84.39	60.01	73.14	36.54	59.71	2.17	4.00	769.27
Memungut Siput Shellfish Collection	..	..	538.42	538.41	620.08	145.19	125.89	27.22	416.21	404.30	405.50	404.11	869.33	1,096.00	5,590.66
Rampaian Miscellaneous	..	..	—	—	1.81	—	0.79	—	—	—	—	—	—	—	2.60
Jumlah/Total Ton M./M. Tonnes	..	..	2,656.51	1,674.89	3,035.63	3,223.53	3,113.44	2,647.92	4,428.37	3,370.78	1,864.43	2,375.13	2,761.76	2,973.00	34,125.39

PERAK
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>		4,272.66	2,001.51	2,775.81	2,930.79	6,125.89	5,139.08	2,704.18	3,523.65	2,825.71	2,650.21	2,899.09	2,891.53	40,740.11
P.P. Tarik/ <i>Seine Nets:</i>														
Pukat Jerut Ikan <i>P. Seine-Fish</i>		789.41	73.44	293.77	412.82	316.33	302.66	929.76	260.08	706.90	646.88	192.26	877.62	5,801.93
Pukat Jerut Bilis <i>P. Seine-Anchovy</i>		142.41	189.23	318.88	202.24	392.38	764.19	1,294.01	594.07	2,151.42	186.75	27.77	125.29	6,388.64
Lain-lain <i>Other Seines</i>		1,038.17	571.38	1,032.13	831.70	1,117.97	1,074.59	2,376.53	1,647.43	892.37	967.45	891.11	773.07	13,213.90
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>		1,240.83	1,030.07	781.24	1,279.19	613.49	1,130.61	993.65	1,066.97	1,013.55	714.40	706.84	798.37	11,369.21
Pukat-pukat Tangguk <i>Lift Nets</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap-perangkap/ <i>Traps:</i>														
Belat-belat <i>Stationary</i>		791.47	279.31	194.73	122.62	216.34	114.76	117.30	121.42	121.36	233.27	238.77	139.02	2,690.37
Bubu <i>Portable</i>		97.40	91.17	103.57	73.81	61.16	108.23	79.49	54.45	41.98	58.56	60.31	57.35	887.48
Pancing <i>Lines</i>		796.49	130.91	224.74	354.45	326.74	280.34	265.09	264.48	227.95	193.59	217.79	236.42	3,518.99
Pukat-pukat Bakul <i>Bag Nets</i>		1,054.57	127.89	94.19	61.28	54.32	53.72	59.47	61.59	40.96	56.63	51.18	23.90	1,739.70
Pukat-pukat Rentang <i>Barrier Nets</i>		4.54	—	—	—	—	—	—	—	—	—	—	—	4.54
Pukat-pukat Surung <i>Push/Scoop Nets</i>		56.99	140.04	151.78	303.99	349.00	335.81	285.90	191.95	214.46	192.38	240.11	151.18	2,613.59
Memungut Siput <i>Shellfish Collection</i>		2,009.86	8,528.38	7,609.62	4,826.26	4,851.24	3,016.64	6,729.10	4,742.59	4,227.34	4,232.67	3,346.82	3,736.96	57,857.48
Rampaian <i>Miscellaneous</i>		30.91	25.23	33.94	44.77	36.54	22.87	51.91	47.43	32.55	35.15	68.06	33.39	462.75
Jumlah/Total Ton M./M. Tonnes		12,325.71	13,188.56	13,614.40	11,443.92	14,461.40	12,343.50	15,886.39	12,576.11	12,496.55	10,167.94	8,940.11	9,844.10	147,288.69

JADUAL (TABLE) 2.8(e)

SELANGOR
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month		Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pukat-pukat Tunda Trawl Nets	..	..	1,761.40	937.07	2,852.81	2,524.68	2,721.30	2,262.25	2,188.14	2,787.78	2,417.48	1,629.52	1,638.17	1,710.95	25,431.55
P. P. Tarik/Seine Nets:															
Pukat Jerut Ikan P. Seine-Fish	..	..	176.16	35.75	82.51	24.80	454.51	180.64	587.30	22.99	200.85	—	411.13	272.29	2,448.93
Pukat Jerut Bilis P. Seine-Anchovy	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain Other Seines	..	..	37.39	37.63	40.41	43.86	44.28	63.46	87.60	103.57	106.96	110.71	107.14	123.36	906.37
Pukat-pukat Hanyut Drift/Gill Nets	..	..	498.32	523.05	512.83	517.84	535.51	669.21	556.99	547.06	563.22	455.79	467.39	486.63	6,333.84
Pukat-pukat Tangguk Lift Nets	..	..	55.29	49.06	53.60	54.81	51.60	55.41	18.27	21.48	17.42	17.31	12.40	15.91	422.56
Perangkap-perangkap/Traps:															
Belat-belat Stationary	..	..	—	—	—	—	—	11.62	11.13	11.98	14.58	14.82	16.46	13.91	94.50
Bubu Portable	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing Lines	..	..	77.98	70.18	63.77	66.67	66.79	84.03	91.47	93.23	96.56	97.93	91.77	94.56	994.94
Pukat-pukat Bakul Bag Nets	..	..	341.19	363.40	342.16	395.11	710.83	620.45	626.68	465.03	517.84	643.43	522.99	499.03	6,048.14
Pukat-pukat Rentang Barrier Nets	..	..	83.24	76.05	60.74	58.56	49.91	47.85	52.99	49.79	49.36	31.82	33.40	31.09	624.80
Pukat-pukat Surung Push/Scoop Nets	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput Shellfish Collection	..	..	418.03	209.92	—	200.48	438.90	420.45	454.93	583.18	589.84	457.35	435.57	521.36	4,730.01
Rampaian Miscellaneous	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah/Total Ton M./M. Tonnes	..	..	3,449.00	2,302.11	4,008.83	3,886.81	5,073.63	4,415.37	4,675.50	4,686.09	4,574.11	3,458.68	3,736.42	3,769.09	48,035.64

NEGERI SEMBILAN
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month	Januari	Februari	Mac	April	Mei	Jun	Julai	Ogos	September	Oktober	November	Disember	Jumlah Ton M. Total M. Tonnes
		January	February	March	April	May	June	July	August	September	October	November	December	
Pukat-pukat Tunda <i>Trawl Nets</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
P. P. Tarik/ <i>Seine Nets</i> :														
Pukat Jerut Ikan <i>P. Seine-Fish</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis <i>P. Seine-Anchovy</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>		5.39	6.96	6.90	7.08	7.32	6.66	6.96	6.29	6.35	6.72	6.23	6.46	79.32
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>		22.08	25.65	27.40	26.68	26.98	29.76	31.52	28.92	29.89	28.67	28.25	27.39	333.19
Pukat-pukat Tangguk <i>Lift Nets</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap-perangkap/ <i>Traps</i> :														
Belat-belat <i>Stationary</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu <i>Portable</i>		4.05	4.42	4.29	4.42	4.17	3.63	3.69	4.05	3.39	3.08	3.45	3.99	46.63
Pancing <i>Lines</i>		12.16	12.28	11.31	10.77	11.01	9.01	11.25	12.34	12.82	13.79	13.00	14.16	143.90
Pukat-pukat Bakul <i>Bag Nets</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang <i>Barrier Nets</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung <i>Push/Scoop Nets</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>		—	—	—	—	—	—	15.24	52.27	48.15	15.73	—	—	131.39
Rampaian <i>Miscellaneous</i>		0.97	0.72	0.67	0.72	0.85	0.67	0.79	0.90	0.73	0.79	0.85	0.74	9.40
Jumlah/Total Ton M./M. Tonnes		44.65	50.03	50.57	49.67	50.33	49.73	69.45	104.77	101.33	68.78	51.78	52.74	743.83

MELAKA

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month	Januari	Februari	Mac	April	Mei	Jun	Julai	Ogos	September	Oktober	November	Disember	Jumlah Ton M. Total M. Tonnes
		January	February	March	April	May	June	July	August	September	October	November	December	
Pukat-pukat Tunda <i>Trawl Nets</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
P. P. Tarik/ <i>Seine Nets</i> :														
Pukat Jerut Ikan <i>P. Seine-Fish</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis <i>P. Seine-Anchovy</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain .. <i>Other Seines</i>		8.77	7.44	8.17	8.77	12.46	10.04	8.17	8.47	5.26	4.11	4.66	3.39	89.71
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>		126.26	119.66	139.93	133.45	124.74	144.71	126.44	106.41	128.37	146.16	123.05	150.51	1,569.69
Pukat-pukat Tangguk <i>Lift Nets</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Perangkap-perangkap/ <i>Traps</i> :														
Belat-belat .. <i>Stationary</i>		7.92	18.57	23.17	16.52	11.74	14.10	16.88	15.24	10.65	11.01	9.44	9.98	165.22
Bubu .. <i>Portable</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Pancing .. <i>Lines</i>		44.59	31.52	27.58	34.30	36.00	36.12	33.57	34.91	34.79	38.66	36.84	40.41	429.29
Pukat-pukat Bakul <i>Bag Nets</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang <i>Barrier Nets</i>		5.81	7.26	8.47	7.08	6.65	6.71	4.48	4.17	2.90	2.06	3.69	5.75	65.03
Pukat-pukat Surung <i>Push/Scoop Nets</i>		1.57	9.86	21.72	5.14	7.68	13.97	19.66	28.07	21.60	20.14	5.98	2.48	157.87
Memungut Siput .. <i>Shellfish Collection</i>		0.85	4.24	3.57	—	—	—	—	—	—	—	—	—	8.66
Rampaian .. <i>Miscellaneous</i>		—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah/Total Ton M./M. Tonnes		195.77	198.55	232.61	205.26	199.27	225.65	209.20	197.27	203.57	222.14	183.66	212.52	2,485.47

JOHOR BARAT/WEST JOHORE
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
 LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month		Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pukat-pukat Tunda Trawl Nets	..	..	1,112.22	684.51	395.84	836.12	1,037.52	807.15	1,296.02	328.31	514.65	673.02	187.36	497.27	8,369.99
P. P. Tarik/Seine Nets:															
Pukat Jerut Ikan P. Seine-Fish	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat Jerut Bilis P. Seine-Anchovy	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain Other Seines	..	..	29.83	13.85	13.85	16.74	16.45	16.82	17.36	15.48	12.28	8.89	7.02	6.29	174.86
Pukat-pukat hanyut Drift/Gill Nets	..	..	263.16	302.43	428.43	742.29	258.74	187.42	249.74	205.94	287.73	284.63	158.62	135.33	3,504.46
Pukat-pukat Tangguk Lift Nets	..	..	—	—	—	—	28.66	26.06	23.11	37.51	23.88	16.45	10.71	12.83	179.21
Perangkap-perangkap/Traps:															
Belat-belat Stationary	..	..	66.36	9.62	76.10	107.67	189.59	23.17	24.66	—	90.56	128.49	60.01	82.96	859.19
Bubu Portable	..	..	15.37	23.65	22.99	3.58	5.52	9.61	10.34	9.32	5.02	10.34	22.02	18.63	156.39
Pancing Lines	..	..	75.44	149.79	29.28	84.41	83.12	57.17	55.23	70.66	61.65	72.72	36.24	31.70	807.41
Pukat-pukat Bakul Bag Nets	..	..	98.66	356.93	113.67	107.50	1,581.48	881.00	895.83	193.41	255.23	304.23	172.17	173.56	5,133.67
Pukat-pukat Rentang Barrier Nets	..	..	30.79	3.20	30.55	13.99	4.48	6.52	6.53	3.32	3.69	3.63	0.42	8.58	115.70
Pukat-pukat Surung Push/Scoop Nets	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput Shellfish Collection	..	..	29.34	27.22	31.22	59.35	52.69	40.11	42.35	34.23	35.45	33.21	37.63	31.16	453.96
Rampaian Miscellaneous	..	..	1.21	2.00	1.87	2.18	0.97	1.21	1.45	1.50	1.33	1.27	1.33	1.26	17.58
Jumlah/Total Ton M./M. Tonnes	..	..	1,722.38	1,573.20	1,143.80	1,973.83	3,259.22	2,056.24	2,622.62	899.68	1,291.47	1,536.88	693.53	999.57	19,772.42

JADUAL (TABLE) 2.8(i)

KELANTAN
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

	Kumpulan Perkakas/ Gear Group	Bulan/Month	Januari	Februari	Mac	April	Mei	Jun	Julai	Ogos	September	Oktober	November	Disember	Jumlah Total M. Tonnes
			January	February	March	April	May	June	July	August	September	October	November	December	
	Pukat-pukat Tunda <i>Trawl Nets</i>	.. ..	131.16	37.75	190.62	134.60	131.94	131.28	88.63	94.79	94.37	72.54	32.61	13.25	1,153.54
	P. P. Tarik/ <i>Seine Nets</i> :														
	Pukat Jerut Ikan <i>P. Seine-Fish</i>	.. ..	289.29	510.77	323.53	304.92	240.70	536.96	495.29	329.28	647.07	568.78	546.94	49.06	4,842.59
	Pukat Jerut Bilis <i>P. Seine-Anchovy</i>	.. ..	—	—	—	—	—	—	—	—	—	—	—	—	—
	Lain-lain <i>Other Seines</i>	.. ..	40.00	6.83	13.74	15.36	7.46	10.05	13.00	8.17	8.16	4.60	1.88	3.02	132.27
	Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	.. ..	116.94	37.51	51.18	61.58	43.80	42.84	53.60	60.92	78.89	62.79	38.60	42.11	690.76
45	Pukat-pukat Tangguk <i>Lift Nets</i>	.. ..	9.07	196.80	191.65	194.07	196.79	206.35	186.45	210.65	133.82	112.40	54.63	36.48	1,729.16
	Perangkap-perangkap/ <i>Traps</i> :														
	Belat-belat <i>Stationary</i>	.. ..	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bubu <i>Portable</i>	.. ..	2.42	10.10	9.98	14.70	6.47	9.13	12.16	14.70	10.53	5.99	5.75	4.96	106.89
	Pancing <i>Lines</i>	.. ..	4.04	12.10	13.61	15.85	17.36	22.32	25.41	31.58	6.11	9.98	5.13	3.44	166.93
	Pukat-pukat Bakul <i>Bag Nets</i>	.. ..	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pukat-pukat Rentang <i>Barrier Nets</i>	.. ..	—	—	—	6.11	4.72	5.44	5.01	6.11	4.90	—	—	—	32.29
	Pukat-pukat Surung <i>Push/Scoop Nets</i>	.. ..	—	—	—	—	—	—	—	—	—	—	—	—	—
	Memungut Siput <i>Shellfish Collection</i>	.. ..	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rampaian <i>Miscellaneous</i>	.. ..	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jumlah/Total Ton M./M. Tonnes	.. ..	592.92	811.86	794.31	747.19	649.24	964.37	879.55	756.20	983.85	837.08	685.54	152.32	8,854.43

TRENGGANU
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pukat-pukat Tunda Trawl Nets		1,083.97	971.14	2,404.05	385.36	568.07	425.58	826.13	866.91	949.73	884.83	674.65	1,347.85	11,388.27
P.P. Tarik/Seine Nets:														
Pukat Jerut Ikan P. Seine-Fish		5,032.04	6,018.67	7,789.04	5,783.81	4,381.90	3,369.64	3,216.27	5,533.27	4,944.40	5,610.47	1,888.69	2,495.22	56,063.42
Pukat Jerut Bilis P. Seine-Anchovy		—	—	868.36	1,024.44	1,095.04	529.48	203.45	680.64	841.32	136.05	—	—	5,378.78
Lain-lain Other Seines		322.83	720.71	2,203.46	3,084.97	1,058.27	5.84	—	—	—	—	—	—	7,396.08
Pukat-pukat Hanyut Drift/Gill Nets		1,630.31	1,584.15	2,312.04	3,316.82	2,466.00	2,631.34	2,331.28	2,144.16	1,822.20	1,534.72	1,153.60	1,041.51	23,968.13
Pukat-pukat Tangguk Lift Nets		775.08	855.54	1,987.84	1,827.28	1,884.09	2,292.26	2,004.84	1,875.08	1,628.43	1,324.68	1,226.86	1,124.74	18,806.72
Perangkap-perangkap/Traps:														
Belat-belat Stationery		—	—	—	—	—	—	—	—	—	—	—	—	—
Bubu Portable		238.35	143.25	341.80	330.61	375.86	448.58	449.61	298.19	324.32	528.37	351.60	356.02	4,186.56
Pancing Lines		453.30	413.13	673.21	1,420.75	569.99	543.98	681.31	809.68	1,565.34	1,504.11	1,212.89	607.86	10,455.55
Pukat-pukat Bakul Bag Nets		—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang Barrier Nets		—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung Push/Scoop Nets		—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput Shellfish Collection		—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian Miscellaneous		—	—	117.18	203.57	382.21	419.18	536.72	762.25	369.57	—	—	—	2,790.68
Jumlah/Total Ton M./M. Tonnes		9,535.88	10,706.59	18,696.98	17,377.61	12,781.43	10,665.88	10,249.61	12,970.18	12,445.31	11,523.23	6,508.29	6,973.20	140,434.19

PAHANG
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month	Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pukat-pukat Tunda Trawl Nets		223.11	367.39	713.85	524.98	493.53	657.83	909.68	1,218.68	1,096.49	886.20	546.64	197.88	7,836.27
P. P. Tarik/Seine Nets:														
Pukat Jerut Ikan P. Seine-Fish		—	114.64	142.23	277.80	403.94	150.33	104.12	3.20	352.45	130.49	390.26	—	2,069.46
Pukat Jerut Bilis P. Seine-Anchovy		—	23.11	9.86	5.14	144.23	191.78	201.45	137.82	1,388.45	434.58	3.02	—	2,539.44
Lain-lain Other Seines		—	—	2.11	—	5.79	45.73	2.84	—	—	—	—	—	56.47
Pukat-pukat Hanyut Drift/Gill Nets		176.83	84.82	146.22	460.94	332.37	1,090.44	560.62	305.57	681.25	415.55	612.33	24.13	4,891.07
Pukat-pukat Tangguk Lift Nets		—	121.96	9.74	27.95	203.69	166.06	509.68	221.23	152.63	128.74	104.96	—	1,646.64
Perangkap-perangkap/Traps:														
Belat-belat Stationary		—	—	—	12.58	8.47	1.09	10.88	54.51	75.98	69.69	32.85	—	266.05
Bubu Portable		64.90	32.18	75.92	78.65	86.87	264.73	224.50	189.71	795.83	170.54	70.72	25.71	2,080.26
Pancing Lines		461.95	179.43	123.77	327.22	1,195.40	1,209.38	1,458.62	1,531.52	1,115.67	451.85	390.93	21.90	8,467.64
Pukat-pukat Bakul Bag Nets		—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Rentang Barrier Nets		—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung Push/Scoop Nets		—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput Shellfish Collection		—	—	—	—	—	—	—	—	4.84	25.77	1.63	21.18	53.42
Rampaian Miscellaneous		—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah/Total Ton M./M. Tonnes		926.79	923.53	1,223.70	1,715.26	2,874.29	3,777.37	3,982.39	3,662.25	5,663.59	2,713.41	2,153.34	290.80	29,906.72

JOHOR TIMUR/EAST JOHORE
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN KUMPULAN PERKAKAS, 1981
LANDINGS OF MARINE FISH BY MONTH AND GEAR GROUP, 1981

Kumpulan Perkakas/ Gear Group	Bulan/Month		Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
Pukat-pukat Tunda <i>Trawl Nets</i>	..	..	550.51	803.45	1,274.04	934.48	1,061.58	1,112.88	1,240.29	1,237.33	1,773.02	1,978.89	1,489.53	503.20	13,959.20
P. P. Tarik/Seine Nets:															
Pukat Jerut Ikan <i>P. Seine-Fish</i>	..	..	119.54	656.44	639.87	1,161.71	807.92	1,054.02	566.30	1,168.53	1,076.35	2,230.67	672.78	218.94	10,373.07
Pukat Jerut Bilis <i>P. Seine-Anchovy</i>	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Lain-lain <i>Other Seines</i>	..	..	—	38.12	—	158.56	—	—	—	—	—	—	—	—	196.68
Pukat-pukat Hanyut <i>Drift/Gill Nets</i>	..	..	12.28	52.09	115.06	247.79	397.58	373.87	654.15	639.02	330.73	841.86	89.78	20.93	3,775.14
Pukat-pukat Tangguk <i>Lift Nets</i>	..	..	—	59.17	—	—	—	117.36	58.86	36.48	—	44.40	—	—	316.27
Perangkap-perangkap/Traps:															
Belat-belat <i>Stationary</i>	..	..	84.51	10.47	15.12	88.75	40.71	30.79	42.71	36.66	16.94	13.01	8.59	58.68	446.94
Bubu <i>Portable</i>	..	..	—	18.03	31.52	76.71	32.67	105.69	40.17	—	20.15	—	—	—	324.94
Pancing <i>Lines</i>	..	..	261.34	557.65	382.88	468.48	447.61	481.43	266.25	231.16	296.61	719.90	489.72	423.11	5,026.14
Pukat-pukat Bakul <i>Bag Nets</i>	..	..	39.81	107.38	82.76	192.86	281.79	121.78	173.74	224.50	124.80	262.44	451.54	147.31	2,210.71
Pukat-pukat Rentang <i>Barrier Nets</i>	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukat-pukat Surung <i>Push/Scoop Nets</i>	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Memungut Siput <i>Shellfish Collection</i>	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
Rampaian <i>Miscellaneous</i>	..	..	—	—	—	—	—	—	107.32	—	—	—	12.04	—	119.36
Jumlah/Total Ton M./M. Tonnes	..	..	1,067.99	2,302.80	2,541.25	3,329.34	3,069.86	3,397.82	3,149.79	3,573.68	3,638.60	6,091.17	3,213.98	1,372.17	36,748.45

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUTI NEGERI DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY STATE AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish	Pantai Barat West Coast								Jumlah kecil Sub-Total	Pantai Timur East Coast				Jumlah kecil Sub-total	Jumlah Besar Ton M. Grand Total M. Tonnes
	Nama Tempatan Local Name	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat West Johore		Kelantan	Trengganu	Pahang	Johor Timur East Johore		
	<i>Species:</i>															
24	Kebasi/Selangat ..	26.07	238.54	212.59	471.45	—	24.14	37.27	164.98	1,175.04	0.54	27.23	—	40.78	68.55	1,243.59
	Puput/B. Mata/Tirok ..	—	89.58	21.42	131.40	1.51	—	2.18	182.72	428.81	—	—	1,852	56.92	75.44	504.25
	Terubok	—	—	—	12.10	—	—	—	0.24	12.34	—	—	—	—	—	12.34
25	Siakap	—	0.30	1.42	20.80	—	11.20	8.30	1.88	43.90	—	23.79	59.16	0.06	83.01	126.91
31	Lidah	183.97	1,371.92	71.84	72.62	628.15	—	—	28.61	2,357.11	0.36	53.91	12.28	8.89	75.44	2,432.55
	Sebelah	7.75	110.29	—	48.10	15.00	—	—	—	181.14	14.69	41.15	13.25	26.43	95.52	276.66
33	Bayan	—	—	—	—	—	—	—	—	—	0.67	156.74	147.07	47.19	351.67	351.67
	Biji Nangka	—	3.69	36.91	302.29	—	—	—	61.15	404.04	105.61	282.75	9.14	170.60	568.10	972.14
	Daun Baharu	—	5.08	—	5.26	—	—	—	10.09	20.43	1.44	52.98	21.22	6.52	82.16	102.59
	Delah	—	22.74	—	52.19	—	—	—	—	74.93	0.06	284.28	313.98	270.80	869.12	944.05
	Duri/Pulatan/Utik ..	23.43	336.91	96.76	930.37	413.06	16.24	119.77	511.33	2,447.87	18.19	129.11	897.52	501.09	1,545.91	3,993.78
	Dengkis/Debam ..	—	0.18	—	10.95	—	—	—	6.28	17.41	1.03	359.03	68.11	120.27	548.44	565.85
	Gelama/Tengkerong ..	144.46	1,847.38	451.56	887.82	1,096.73	12.14	25.58	563.19	5,028.86	171.70	294.26	593.56	475.58	1,535.10	6,563.96
	Gerut-gerut	79.38	221.51	62.76	512.34	417.12	—	—	41.31	1,334.42	24.75	125.52	578.52	3.14	731.93	2,066.35
	Jenahak	18.61	103.01	37.84	320.26	124.18	29.87	33.40	57.65	724.82	0.06	8.52	9.86	27.70	46.14	770.96
	Kaci	—	28.50	0.36	87.83	—	—	—	6.95	123.64	0.55	155.05	303.99	56.86	516.45	640.09
	Kerapu	46.73	377.92	131.67	802.89	70.36	13.29	38.54	47.72	1,529.12	38.70	487.37	1,073.68	170.29	1,770.04	3,299.16
	Kerisi	32.30	2,607.00	121.75	2,669.22	93.83	—	—	—	5,524.10	172.46	971.00	1,894.59	890.07	3,928.12	9,452.22
	Kerisi Bali	—	—	17.40	123.17	—	—	—	—	140.57	—	20.26	—	—	20.26	160.83
	Kikek	—	3.37	4.78	98.12	13.96	—	—	9.86	130.09	104.17	268.17	91.82	121.74	585.90	715.99
	Malong	45.56	507.01	70.67	125.12	468.67	0.54	17.13	463.12	1,697.82	8.53	—	0.48	19.83	28.84	1,726.66
	Merah	—	88.44	189.44	773.76	271.71	41.55	29.81	52.49	1,447.20	30.92	709.16	642.58	208.13	1,590.79	3,037.99
	Mengkerong/Conor/Ubi	—	598.18	76.22	453.28	51.78	—	—	24.32	1,203.78	0.18	43.31	27.47	5.61	76.57	1,280.35
	Remong/Kunyit-kunyit	—	—	—	114.87	—	—	—	—	114.87	58.66	564.12	131.64	51.12	805.54	920.41
	Semilang	41.12	217.59	11.61	452.27	94.26	17.74	21.74	84.18	940.51	0.36	—	8.77	22.62	31.75	972.26
	Shrumbu/Lemah ..	—	—	—	0.42	—	—	—	—	0.42	—	1.88	—	2.66	4.54	4.96
	Puntong Damar/Bulus	12.60	106.79	—	156.14	—	—	—	—	275.53	2.29	1,497.64	358.81	108.94	1,967.68	2,243.21
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	20.45	312.02	90.38	422.85	422.85

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUT NEGERI DAN JENIS IKAN, 1981—(samb.)
LANDINGS OF MARINE FISH BY STATE AND TYPE OF FISH, 1981—(cont.)

ISCCAAP GROUP NO.	Jenis Ikan Type of Fish	Pantai Barat West Coast								Jumlah kecil Sub-Total	Pantai Timur East Coast				Jumlah kecil Sub-total	Jumlah Besar Ton M. Grand Total M. Tonnes
	Nama Tempatan Local Name	Pertis	Kedah	Pulau Pinang	Parak	Selangor	Negeri Sembilan	Melaka	Johor Barat West Johore		Kelantan	Trengganu	Pahang	Johor Timur East Johore		
34	Alu-alu/Kacang-kacang	11.40	313.37	3.53	330.78	235.14	—	10.59	27.83	932.64	100.80	102.24	247.54	216.55	667.13	1,599.77
	Aruan Tasik	—	74.72	—	57.35	—	4.27	—	0.79	137.13	4.10	328.60	748.52	74.28	1,155.50	1,292.63
	Bawal	51.18	1,196.91	292.16	1,067.13	706.04	21.89	46.31	437.14	3,818.76	80.15	1,535.50	70.22	382.07	2,067.94	5,886.70
	Belanak/Kedera ..	—	284.28	1,387.99	2,317.00	120.80	34.06	4.59	36.40	4,185.12	0.06	1.69	—	18.83	20.58	4,205.70
	Cermin/Sagai/Cupak ..	—	—	9.14	5.74	12.47	1.20	9.07	28.43	66.05	48.38	274.53	194.37	324.91	842.19	908.24
	Cencaru	1,251.28	1,067.86	555.25	490.19	306.94	4.37	45.44	24.84	3,746.17	287.70	2,389.00	63.46	247.36	2,987.52	6,733.69
	Demudok/Rambai ..	—	181.38	—	431.63	0.48	1.39	6.65	—	621.53	48.00	738.72	440.00	384.43	1,611.15	2,232.68
	Kurau/Senangin/Senohong	32.17	21.97	56.88	275.69	1,021.84	16.40	68.70	182.75	1,676.40	—	—	77.49	51.01	128.50	1,804.90
	Pelata/Selar	1,384.82	779.81	715.73	145.99	178.75	4.58	11.13	15.36	3,236.17	501.36	7,822.75	1,526.50	1,821.99	11,672.60	14,908.77
	Selar Kuning/Lolong ..	2,165.88	110.21	—	224.32	23.05	—	—	22.69	2,546.15	1,628.82	20,085.70	1,863.52	3,958.40	27,536.44	30,082.59
	Selayang/Curut	5,974.55	32.00	1,972.91	179.98	34.43	—	—	—	8,193.87	1,295.48	11,544.77	491.48	2,596.44	15,928.17	24,122.04
	Pisang-pisang	170.73	—	5.87	—	—	—	—	—	176.60	2.24	490.77	9.98	42.34	545.33	721.93
	Talang	—	245.33	—	141.01	46.77	7.62	17.56	2.47	460.76	—	5.20	74.76	149.25	229.21	689.97
35	Bilis	—	20,612.94	—	6,716.16	—	—	—	27.64	27,356.74	—	4,116.36	1,836.26	147.42	6,100.06	33,456.80
	Parang-parang	310.16	553.80	157.70	415.02	710.09	56.93	453.06	504.25	3,161.01	95.18	924.81	547.97	308.14	1,876.10	5,037.11
	Tamban	2,290.85	955.04	1,654.09	79.85	160.50	—	—	103.34	5,243.67	1,237.07	7,876.82	863.24	2,286.56	12,263.69	17,507.36
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	69.37	—	69.37	69.37
36	Aya/Kayu/Tongkol ..	692.44	448.22	506.58	750.04	234.68	—	—	—	2,631.96	210.63	11,126.36	458.14	3,298.12	15,093.25	17,725.21
	Layaran/Mersuji ..	—	—	—	49.00	—	—	—	—	49.00	0.60	226.79	284.93	112.72	625.04	674.04
37	Kembong/Temenong ..	9,093.12	19,146.65	5,326.98	7,715.38	3,716.19	2.77	20.65	5.51	45,027.25	1,430.32	29,276.83	1,618.76	3,067.44	35,393.35	80,420.60
	Tenggiri	184.51	824.45	314.26	1,260.31	1,211.99	68.84	585.01	701.75	5,151.12	140.37	3,933.99	1,823.05	1,517.17	7,414.58	12,565.70
	Timah/Layor/Selayor ..	57.77	701.39	146.07	593.60	0.48	—	—	29.21	1,528.52	74.94	1,107.19	38.22	58.13	1,278.48	2,807.00
38	Pari	92.61	352.26	36.36	830.50	357.72	26.33	162.67	597.28	2,455.73	5.61	81.02	314.56	119.90	521.09	2,976.82
	Yu	56.33	221.89	18.40	338.19	290.55	10.45	31.28	36.17	1,003.26	4.16	802.73	361.28	492.97	1,661.14	2,664.40
39	Ikan Baja	6,203.81	73,484.54	7,403.58	26,041.20	16,507.74	—	141.58	5,409.61	135,192.06	168.41	8,114.52	4,893.47	6,714.82	19,891.22	155,083.28
	Ikan Campur	61.60	534.22	574.10	1,482.75	—	68.46	261.95	1,036.99	4,020.07	264.36	8,836.77	1,362.07	336.57	10,799.77	14,819.84
	Jebong	—	65.03	—	131.46	—	—	—	3.80	200.29	0.30	13.02	3.81	16.21	33.34	233.63
42	Ketam	237.66	562.29	410.57	1,441.21	251.56	48.03	1.50	44.21	2,997.03	22.02	98.92	345.35	151.03	617.32	3,614.35
45	Udang Karang/Lobok	—	—	—	1.68	—	—	—	—	1.68	2.36	67.82	29.28	23.57	123.03	124.71

Udang Besar	208.45	916.59	537.76	1,652.20	302.29	—	35.11	394.25	4,046.65	61.76	288.92	183.29	351.85	885.82	4,932.47
Udang Sedang	548.54	2,563.47	1,182.55	7,195.17	2,245.28	68.14	46.01	400.78	14,249.94	68.05	257.16	307.51	605.55	1,238.27	15,488.21
Udang Kecil	788.09	4,892.16	2,079.26	12,512.35	4,547.65	—	51.02	2,353.68	27,224.21	122.81	418.39	243.81	1,056.02	1,841.03	29,065.24
Udang Baring	—	102.16	1,042.13	3,407.56	4,270.60	—	133.21	4,311.81	13,267.47	56.56	7,355.48	—	658.08	8,070.12	21,337.59
56 Kerang	68.06	2,249.23	4,335.19	57,461.95	4,289.00	131.39	8.66	314.70	68,858.18	—	—	53.42	—	53.42	68,911.60
Siput/Kepah	—	—	1,255.47	395.53	441.01	—	—	139.26	2,231.27	—	—	—	—	—	2,231.27
57 Sotong Kereta	—	344.71	2.36	—	—	—	—	—	347.07	—	0.12	—	10.41	10.53	357.60
Sotong Katak	140.84	831.52	134.71	405.25	342.17	—	—	92.69	1,947.18	4.17	494.33	278.18	310.65	1,087.33	3,034.51
Sotong Biasa	152.71	4,471.95	390.81	1,110.48	386.01	—	—	168.72	6,680.68	131.74	3,118.69	594.85	1,333.04	5,178.32	11,859.00
76 Ubur-ubur	—	—	—	—	1,323.10	—	—	—	1,323.10	—	—	—	—	—	1,323.10
Jumlah Ton M. Total M. Tonnes	32,891.54	148,028.28	34,125.39	147,288.69	48,035.64	743.83	2,485.47	19,772.42	433,371.26	8,854.43	140,434.19	29,906.72	36,748.45	215,943.79	649,315.05

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY MONTH AND TYPE OF FISH, 1981

ISSAP GROUP NO.	Jenis Ikan Type of Fish					Januari January	Februari February	Mach March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name																	
52	<i>Species</i>																	
	24	Kebasi/Selangat	..	..	..	152.93	39.13	194.98	86.57	47.17	69.77	51.60	100.98	158.69	85.55	163.02	93.20	1,243.59
		Puput/B. Mata/Tirok	..	..	..	89.89	35.09	40.35	36.13	42.05	25.41	41.57	31.33	46.21	35.63	19.30	61.29	504.25
		Terubok	..	..	..	—	0.06	—	0.24	—	—	1.21	—	—	10.83	—	—	12.34
	25	Siakap	..	..	..	53.16	1.57	7.39	10.77	4.85	4.84	9.63	10.35	7.74	5.56	4.53	6.52	126.91
	31	Lidah	..	..	..	244.23	319.91	294.25	300.25	192.37	236.90	146.22	122.81	95.71	136.06	158.38	185.46	2,432.55
		Sebelah	..	..	..	15.30	24.93	26.13	31.95	42.12	17.00	21.18	12.63	13.61	17.18	22.33	32.30	276.66
	33	Bayan	..	..	..	13.49	11.32	6.83	32.91	42.17	70.18	47.25	27.10	15.90	21.23	34.97	28.32	351.67
		Biji Nangka	..	..	..	39.38	28.79	103.58	100.66	116.50	117.15	115.19	156.19	71.86	51.91	32.12	38.81	972.14
		Daun Baharu	..	..	..	15.23	5.07	13.32	11.49	8.70	14.94	5.75	2.42	3.50	12.87	4.58	4.72	102.59
		Delah	..	..	..	0.30	41.69	24.67	212.00	86.57	125.83	47.31	75.87	129.40	66.18	107.25	26.98	944.05
		Duri/Pulutan/Utik	..	..	..	277.33	118.02	311.91	282.64	417.30	440.85	338.58	188.90	316.24	433.29	628.59	240.13	3,993.78
		Dengkis/Debam	..	..	..	14.99	15.49	46.27	37.98	27.71	63.95	43.32	51.05	30.06	134.73	54.32	45.98	565.85
		Gelama/Tengkerong	..	..	..	567.48	534.48	556.45	596.32	559.46	530.04	499.37	639.86	747.67	457.13	391.78	483.92	6,563.96
		Gerut-gerut	..	..	..	173.43	138.41	105.63	142.45	248.70	339.69	123.19	322.94	93.16	102.45	165.21	111.09	2,066.35
		Jenahak	..	..	..	126.49	38.39	55.05	66.58	50.75	123.42	64.87	39.15	53.36	43.44	51.97	57.49	770.96
		Kaci	..	..	..	103.08	20.94	53.53	99.09	41.87	66.78	92.37	43.07	28.14	27.53	45.18	18.51	640.09
		Kerapu	..	..	..	198.60	150.03	243.18	260.74	388.60	597.97	272.84	272.30	312.17	201.88	220.43	180.42	3,299.16
		Kerisi	..	..	..	650.58	500.38	664.25	586.56	1,566.74	1,256.01	742.00	899.64	864.84	570.19	658.45	492.58	9,452.22
		Kerisi Bali	..	..	..	15.07	25.41	14.09	15.79	24.20	21.29	9.68	6.59	9.80	9.44	3.08	6.39	160.83
		Kikek	..	..	..	59.59	98.18	48.08	127.16	60.56	64.17	58.85	35.70	50.86	29.03	54.40	29.41	715.99
		Malong	..	..	..	124.02	116.64	119.07	154.93	156.94	110.14	159.72	143.81	149.37	166.54	143.99	181.49	1,726.66
		Merah	..	..	..	383.31	183.60	189.77	271.22	211.93	403.89	192.50	187.73	346.52	180.15	251.32	236.05	3,037.99
		Mengkerong/Conor/Ubi	..	..	..	132.78	181.25	90.55	113.67	114.33	130.24	99.87	125.34	63.53	61.20	77.26	90.33	1,280.35
		Remong/Kunyit-kunyit	..	..	..	22.98	14.51	87.84	64.00	85.79	37.68	114.02	77.51	153.42	125.12	54.67	82.87	920.41
		Semilang	..	..	..	74.29	37.75	64.86	44.20	76.52	80.63	94.96	81.05	84.02	85.53	120.54	127.91	972.26
		Shrumbu/Lemah	..	..	..	—	—	1.88	—	2.66	—	0.42	—	—	—	—	—	4.96
		Puntong Damar/Bulus	..	..	..	51.25	43.80	120.33	53.84	265.40	452.98	325.89	360.44	242.41	183.67	99.89	43.31	2,243.21
		Pasir-pasir	..	..	..	33.46	16.21	18.75	11.43	5.56	135.33	46.82	117.60	8.23	24.32	1.81	3.33	422.85

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST, PENINSULAR MALAYSIA

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1981

LANDINGS OF MARINE FISH BY MONTH AND TYPE OF FISH, 1981

ISSCAP GROUP NO.	Jenis Ikan Type of Fish					Januari January	Februari February	Mach March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton. M. Total M. Tonnes
	Nama Tempatan Local Name																	
	<i>Species</i>																	
24	Kebasi/Selangat	..	..	..	..	151.84	29.75	157.95	78.95	45.96	68.86	51.00	100.50	156.32	81.50	159.51	92.90	1,175.04
	Puput/B. Mata/Tirok	..	..	..	..	83.24	22.20	31.40	29.90	28.62	24.56	40.84	29.46	33.08	31.39	19.18	54.94	428.81
	Terubok	..	..	..	..	—	0.06	—	0.24	—	—	1.21	—	—	10.83	—	—	12.34
25	Siakap	..	..	..	..	1.98	1.51	2.43	2.12	2.55	1.63	5.27	4.54	7.74	5.56	4.53	4.04	43.90
31	Lidah	..	..	..	..	232.07	309.21	276.77	294.02	188.75	235.09	142.17	120.32	94.13	134.11	154.75	175.72	2,357.11
	Sebelah	..	..	..	..	13.73	8.41	5.68	23.11	30.98	11.98	16.28	7.56	10.17	12.22	15.49	25.53	181.14
33	Bayan	..	..	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	..	..	..	..	30.79	17.12	35.22	60.97	63.88	72.32	53.96	21.83	20.87	11.98	5.20	9.90	404.04
	Daun Baharu	..	..	..	..	8.22	1.69	0.55	0.24	1.39	0.90	0.85	0.85	0.36	0.30	1.75	3.33	20.43
	Delah	..	..	..	..	0.24	15.00	7.07	13.92	3.63	4.06	2.11	2.06	1.81	21.41	1.75	1.87	74.93
	Duri/Pulutan/Utik	..	..	..	..	257.54	104.05	215.01	174.11	288.92	396.56	187.65	143.77	148.17	149.99	159.09	223.01	2,447.87
	Dengkis/Debam	..	..	..	..	2.78	—	—	2.78	—	11.25	—	0.18	0.18	—	—	0.24	17.41
	Gelama/Tengerong	..	..	..	..	495.58	436.10	413.30	415.19	427.59	422.75	417.35	443.92	484.81	340.43	280.11	451.73	5,028.86
	Gerut-gerut	..	..	..	..	164.41	127.78	83.30	103.51	153.24	123.36	103.34	105.70	88.45	95.81	89.06	96.46	1,334.42
	Jenahak	..	..	..	..	123.77	30.90	49.48	64.95	47.97	115.56	62.33	31.16	49.19	40.53	51.97	57.01	724.82
	Kaci	..	..	..	..	8.35	1.03	9.01	8.05	18.63	11.79	0.24	4.78	7.68	11.61	30.37	12.10	123.64
	Kerapu	..	..	..	..	116.69	77.80	139.74	185.66	160.11	168.16	114.34	125.83	88.69	105.56	129.81	116.73	1,529.12
	Kerisi	..	..	..	..	482.15	366.49	430.20	440.60	1,181.79	707.25	379.37	369.27	231.27	248.46	313.91	373.34	5,524.10
	Kerisi Bali	..	..	..	..	15.07	25.41	8.95	13.37	20.51	19.48	9.50	6.29	8.89	4.72	2.66	5.72	140.57
	Kikek	..	..	..	..	17.84	26.19	3.63	15.97	31.88	8.46	1.99	6.35	1.39	6.47	1.21	8.71	130.09
	Malong	..	..	..	..	123.96	115.19	114.17	152.87	156.22	110.14	159.48	143.69	149.37	166.54	143.99	162.20	1,697.82
	Merah	..	..	..	..	237.59	103.63	79.73	133.04	151.32	199.35	88.92	81.99	75.14	62.37	105.45	128.67	1,447.20
	Mengkerong/Conor/Ubi	..	..	..	..	128.73	178.10	76.46	108.65	111.91	126.49	91.16	112.16	46.71	58.06	76.23	89.12	1,203.78
	Remong/Kunyit-kunyit	..	..	..	..	8.83	2.60	3.51	9.32	19.24	12.70	6.47	7.08	2.48	7.38	14.45	20.81	114.87
	Semilang	..	..	..	..	74.29	37.75	64.86	43.60	72.77	80.63	94.96	72.28	84.02	85.17	120.54	109.64	940.51
	Shrumbu/Lemah	..	..	..	..	—	—	—	—	—	—	0.42	—	—	—	—	—	0.42
	Puntong Damar/Bulus	..	..	..	..	23.96	21.12	21.36	20.87	13.01	34.72	23.11	27.77	23.78	19.00	16.16	30.67	275.53
	Pasir-pasir	..	..	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST PENINSULAR MALAYSIA

TANGKAPAN IKAN LAUT MENGIKUT BULAN DAN JENIS IKAN, 1981

LANDINGS OF MARINE FISH BY MONTH AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish						Januari January	Februari February	March March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Jumlah Ton M. Total M. Tonnes	
	Nama Tempatan Local Name																			
55	Species																			
	24	Kebasi/Selangat	1.09	9.38	37.03	7.62	1.21	0.91	0.60	0.48	2.37	4.05	3.51	0.30	68.55					
		Puput/B. Mata/Tirok	6.65	12.89	8.95	6.23	13.43	0.85	0.73	1.87	13.13	4.24	0.12	6.35	75.44					
		Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—					
	25	Siakap	51.18	0.06	4.96	8.65	2.30	3.21	4.36	5.81	—	—	—	2.48	83.01					
	31	Lidah	12.16	10.70	17.48	6.23	3.62	1.81	4.05	2.49	1.58	1.95	3.63	9.74	75.44					
		Sebelah	1.57	16.52	20.45	8.84	11.14	5.02	4.90	5.07	3.44	4.96	6.84	6.77	95.52					
	33	Bayan	13.49	11.32	6.83	32.91	42.17	70.18	47.25	27.10	15.90	21.23	34.97	28.32	351.67					
		Biji Nangka	8.59	11.67	68.36	39.69	52.62	44.83	61.23	134.36	50.99	39.93	26.92	28.91	568.10					
		Daun Baharu	7.01	3.38	12.77	11.25	7.31	14.04	4.90	1.57	3.14	12.57	2.83	1.39	82.16					
		Delah	0.06	26.69	17.60	198.08	82.94	121.77	45.20	73.81	127.59	44.77	105.50	25.11	869.12					
		Duri/Pulutan/Utik	19.79	13.97	96.90	108.53	128.38	44.29	150.93	45.13	168.07	283.30	469.50	17.12	1,545.91					
		Dengkis/Debam	12.21	15.49	46.27	35.20	27.71	52.70	43.32	50.87	29.88	134.73	54.32	45.74	548.44					
		Gelama/Tengkerong	71.90	98.38	143.15	181.13	131.87	107.29	82.02	195.94	262.86	116.70	111.67	32.19	1,535.10					
		Gerut-gerut	9.02	10.63	22.33	38.94	95.46	216.33	19.85	217.24	4.71	6.64	76.15	14.63	731.93					
		Jenahak	2.72	7.49	5.57	1.63	2.78	7.86	2.54	7.99	4.17	2.91	—	0.48	46.14					
		Kaci	94.73	19.91	44.52	91.04	23.24	54.99	92.13	38.29	20.46	15.92	14.81	6.41	516.45					
		Kerapu	81.91	72.23	103.44	75.08	228.49	429.81	158.50	146.47	223.48	96.32	90.62	63.69	1,770.04					
		Kerisi	168.43	133.89	234.05	145.96	384.95	548.76	362.63	530.37	633.57	321.73	344.54	119.24	3,928.12					
		Kerisi Bali	—	—	5.14	2.42	3.69	1.81	0.18	0.30	0.91	4.72	0.42	0.67	20.26					
		Kikek	41.75	71.99	44.45	111.19	28.68	55.71	56.86	29.35	49.47	22.56	53.19	20.70	585.90					
		Malong	0.06	1.45	4.90	2.06	0.72	—	0.24	0.12	—	—	—	19.29	28.84					
		Merah	145.72	79.97	110.04	138.18	60.61	204.54	103.58	105.74	271.38	117.78	145.87	107.38	1,590.79					
		Mengkerong/Conor/Ubi	4.05	3.15	14.09	5.02	2.42	3.75	8.71	13.18	16.82	3.14	1.03	1.21	76.57					
		Remong/Kunyit-kunyit	14.15	11.91	84.33	54.68	66.55	24.98	107.55	70.43	150.94	117.74	40.22	62.06	805.54					
		Semilang	—	—	—	0.60	3.75	—	—	8.77	—	0.36	—	18.27	31.75					
		Shrumbu/Lemah	—	—	1.88	—	2.66	—	—	—	—	—	—	—	4.54					
		Puntong Damar/Bulus	27.29	22.68	98.97	32.97	252.39	418.26	302.78	332.67	218.63	164.67	83.73	12.64	1,967.68					
	Pasir-pasir	33.46	16.21	18.75	11.43	5.56	135.33	46.82	117.60	8.23	24.32	1.81	3.33	422.85						

34	Alu-alu/Kacang-kacang	25.89	31.64	72.06	83.13	107.56	50.34	72.23	47.13	71.32	69.49	21.47	14.87	667.13
	Aruan Tasik	58.14	10.52	28.19	162.21	138.35	136.02	83.86	180.76	195.82	74.89	59.53	27.21	1,155.50
	Bawal	400.06	175.38	318.87	198.19	173.33	361.76	181.01	111.32	49.25	30.19	50.50	18.08	2,067.94
	Belanak/Kedera	2.78	—	1.03	1.70	—	—	—	—	—	—	—	15.07	20.58
	Cermin/Sagai/Cupak	10.77	146.33	36.80	57.05	61.42	151.53	38.82	56.43	129.45	81.12	41.80	30.67	842.19
	Cencaru	110.59	424.01	299.47	541.24	340.96	509.74	233.75	172.48	105.19	132.12	68.06	49.91	2,987.52
	Demudok/Rambai	63.83	136.43	86.86	178.88	113.60	189.01	85.42	337.25	130.74	228.38	42.18	18.57	1,611.15
	Kurau/Senangin/Senohong	—	5.51	—	7.20	13.91	80.10	0.36	0.30	0.24	2.24	11.86	6.78	128.50
	Pelata/Selar	440.77	534.13	1,278.77	823.04	1,123.12	1,222.04	1,397.05	1,592.09	1,036.59	907.02	677.01	640.97	11,672.60
	Selar Kuning/Lolong	1,476.35	1,426.80	3,088.23	2,398.90	2,538.72	2,327.31	2,646.70	2,602.94	2,954.58	2,789.06	1,918.00	1,368.85	27,536.44
	Selayang/Curut	1,191.66	1,328.60	1,876.27	909.70	902.54	849.85	1,655.29	2,329.83	1,641.51	1,745.44	783.13	714.35	15,928.17
	Pisang-pisang	53.48	53.84	47.07	35.15	16.94	50.94	47.49	36.89	50.76	47.62	52.03	53.12	545.33
	Talang	6.95	38.54	6.96	15.12	30.01	28.25	15.12	4.05	23.35	34.96	25.17	0.73	229.21
35	Bilis	2.18	35.81	852.21	964.67	968.61	380.70	158.93	687.35	1,530.68	508.64	10.28	—	6,100.06
	Parang-parang	142.59	129.60	139.44	183.61	136.84	211.20	164.44	202.01	221.85	142.96	127.47	74.09	1,876.10
	Tamban	146.51	1,281.26	522.32	1,538.06	1,153.31	1,288.87	1,018.70	663.39	1,266.43	1,997.22	781.26	606.36	12,263.69
	Bulan-bulan	4.11	7.20	12.70	1.39	1.27	1.33	—	—	—	26.19	14.76	0.42	69.37
36	Aya/Kayu/Tongkol	434.54	853.12	830.92	2,161.71	1,296.12	1,317.35	1,198.79	1,236.60	1,815.85	2,338.83	1,154.25	455.17	15,093.25
	Layaran/Mersuji	31.51	15.73	38.90	63.15	262.07	20.93	35.34	33.45	29.04	48.16	26.07	20.69	625.04
37	Kembong/Temenong	3,269.51	3,117.77	4,488.07	3,535.59	3,264.32	2,753.48	2,096.67	3,153.12	3,722.50	3,494.55	1,359.77	1,138.00	35,393.35
	Tenggiri	593.94	575.44	507.14	1,046.76	675.32	556.20	752.50	600.06	753.18	699.09	441.45	213.50	7,414.58
	Timah/Layor/Selayor	80.34	76.83	81.61	199.40	120.81	72.28	437.85	57.95	49.06	29.82	28.49	44.04	1,278.48
38	Pari	15.65	23.95	37.87	26.80	39.99	41.49	61.96	56.02	40.96	115.48	44.16	16.76	521.09
	Yu	71.62	83.42	169.93	226.00	131.89	235.32	322.45	123.12	82.94	126.43	68.54	19.48	1,661.14
39	Ikan Baja	1,156.80	1,321.61	2,606.66	969.63	1,341.20	1,125.11	1,537.58	1,888.37	2,463.64	2,465.33	1,744.58	1,270.71	19,891.22
	Ikan Campur	646.06	920.65	1,236.35	1,527.84	725.14	1,191.92	797.47	923.79	1,009.73	776.02	495.51	549.29	10,799.77
	Jebong	1.22	0.66	3.27	0.91	8.04	4.66	8.29	2.85	1.99	0.55	0.84	0.06	33.34
42	Ketam	35.45	21.84	27.40	19.84	33.03	100.18	71.56	123.59	73.82	29.54	60.02	21.05	617.32
45	Udang Karang/Lobok	5.57	8.53	17.36	2.23	5.75	3.08	8.29	4.66	9.19	7.01	16.33	35.03	123.03
	Udang Besar	92.62	87.48	104.53	68.30	43.31	62.00	53.12	45.20	35.57	54.87	66.83	171.99	885.82
	Udang Sedang	113.55	108.46	132.17	88.44	92.07	68.54	66.85	107.44	54.69	88.74	144.29	173.03	1,238.27
	Udang Kecil	158.01	204.06	196.38	148.34	126.68	123.83	110.78	76.64	68.30	159.22	213.32	255.47	1,841.03
	Udang Baring	362.61	762.85	2,210.71	3,093.47	1,145.07	5.87	—	94.98	53.78	119.24	175.08	46.46	8,070.12
56	Kerang	—	—	—	—	—	—	—	—	4.84	25.77	1.63	21.18	53.42
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	4.54	—	—	—	0.06	0.06	2.72	0.49	2.66	—	10.53
	Sotong Katak	65.34	78.22	167.45	124.08	73.50	104.78	155.13	95.40	83.36	58.02	45.93	36.12	1,087.33
	Sotong Biasa	23.59	36.60	454.52	412.11	503.37	610.40	1,035.62	1,151.77	686.71	142.95	114.69	5.99	5,178.32
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Ton M./Total Tonnes ..		12,123.58	14,744.78	23,256.24	23,169.40	19,374.82	18,805.44	18,261.34	20,962.31	22,731.35	21,164.89	12,561.15	8,788.49	215,943.79

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
 LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish	Pukat-pukat Tarik/Seine Nets					Perangkap-perangkap Traps										Memungut Siput Shellfish Collection	Rampaihan Miscel- laneous	Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat- belat Stationary	Bubu Portable	Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets						
Species																			
24	Kebasi/Selangat	501.23	22.74	—	9.44	675.33	—	1.87	27.23	0.06	5.45	0.24	—	—	—	—	1,243.59		
	Puput/B. Mata/Tirok	383.70	0.48	—	—	118.13	—	—	—	—	1.94	—	—	—	—	—	504.25		
	Terubok	1.51	—	—	—	10.83	—	—	—	—	—	—	—	—	—	—	12.34		
25	Siakap	1.08	—	—	—	52.04	—	—	13.56	59.56	—	0.67	—	—	—	—	126.91		
31	Lidah	2,409.33	—	—	0.06	18.74	—	—	—	—	0.73	3.69	—	—	—	—	2,432.55		
	Sebelah	260.71	—	—	0.54	11.11	0.78	—	—	—	1.09	2.43	—	—	—	—	276.66		
33	Bayan	2.67	—	—	—	4.53	—	7.99	336.48	—	—	—	—	—	—	—	351.67		
	Biji Nangka	805.12	—	—	9.61	12.77	1.38	—	141.52	0.24	—	1.50	—	—	—	—	972.14		
	Daun Baharu	50.41	—	—	—	6.88	0.54	—	44.76	—	—	—	—	—	—	—	102.59		
	Delah	29.03	—	—	173.87	68.07	—	0.24	585.66	74.17	—	0.97	—	—	12.04	—	944.05		
	Duri/Pulutan/Utik	694.45	413.60	—	40.43	1,269.46	54.04	12.57	18.38	1,316.39	89.15	85.31	—	—	—	—	3,993.78		
	Dengkis/Debam	111.60	—	—	—	17.84	9.49	—	402.73	20.20	1.39	2.60	—	—	—	—	565.85		
	Gelama/Tengkerong	4,631.24	28.25	5.75	171.76	778.69	78.02	57.03	28.72	463.23	81.19	240.08	—	—	—	—	6,563.96		
	Gerut-gerut	412.34	—	—	4.05	105.85	5.74	8.46	211.80	1,318.05	—	0.06	—	—	—	—	2,066.35		
	Jenahak	240.56	—	—	10.70	8.22	—	0.96	162.30	348.22	—	—	—	—	—	—	770.96		
	Kaci	97.57	—	—	2.18	17.37	1.09	—	354.55	167.33	—	—	—	—	—	—	640.09		
	Kerapu	785.52	—	—	0.30	84.64	15.66	6.78	889.95	1,506.21	9.38	0.72	—	—	—	—	3,299.16		
	Kerisi	7,209.65	—	—	2.83	80.15	17.83	—	446.73	1,692.06	—	2.97	—	—	—	—	9,452.22		
	Kerisi Bali	56.31	—	—	—	—	—	—	90.49	14.03	—	—	—	—	—	—	160.83		
	Kikek	418.28	109.86	23.53	1.26	63.55	13.80	9.98	45.08	8.45	21.72	0.48	—	—	—	—	715.99		
	Malong	1,090.86	—	—	6.78	251.20	9.80	28.24	—	339.36	—	0.42	—	—	—	—	1,726.66		
	Merah	683.88	—	—	—	4.46	0.12	1.57	1,251.42	1,096.54	—	—	—	—	—	—	3,037.99		
	Mengkerong/Conor/Ubi	1,258.11	—	—	—	18.07	—	—	0.18	3.57	0.42	—	—	—	—	—	1,280.35		
	Remong/Kunyit-kunyit	204.41	0.36	—	4.70	23.83	0.96	—	613.01	72.00	—	1.14	—	—	—	—	920.41		
	Semiliang	240.37	—	—	30.77	95.69	—	60.61	46.52	336.22	11.06	150.96	—	—	0.06	—	972.26		
	Shrumbu/Lemah	2.30	—	—	—	—	—	—	—	—	2.66	—	—	—	—	—	4.96		
	Puntong Damar/Bulus	544.76	—	—	9.75	1,467.16	2.48	—	78.94	140.12	—	—	—	—	—	—	2,243.21		
	Pasir-pasir	110.75	—	—	2.42	120.08	—	—	68.12	121.48	—	—	—	—	—	—	422.85		

34	Alu-alu/Kacang-kacang	894.68	96.35	—	2.85	212.11	0.18	15.29	15.29	353.46	—	9.56	—	—	—	—	1,599.77
	Aruan Tasik	87.74	10.15	—	—	262.19	0.91	1.63	220.00	710.01	—	—	—	—	—	—	1,292.63
	Bawal	1,599.16	1,217.91	—	1.44	1,892.09	1,100.71	13.66	11.02	31.70	13.61	5.40	—	—	—	—	5,886.70
	Belanak/Kedera	525.21	882.33	—	31.81	2,717.56	—	1.32	—	12.03	15.07	20.37	—	—	—	—	4,205.70
	Cermin/Sagai/Cupak	161.33	76.28	—	0.60	189.07	56.02	14.15	211.07	196.10	0.36	3.26	—	—	—	—	908.24
	Cencaru	1,010.17	3,489.62	—	1.22	1,663.76	384.29	13.22	1.51	169.60	—	0.30	—	—	—	—	6,733.69
	Demudok/Rambai	596.36	235.88	—	4.60	266.97	34.83	23.93	348.72	720.06	1.15	0.18	—	—	—	—	2,232.68
	Kurau/Senangin/Senohong ..	197.58	—	—	—	1,320.64	25.82	4.53	7.75	204.47	36.12	7.99	—	—	—	—	1,804.90
	Pelata/Selar	605.25	7,681.36	35.82	5.20	2,688.16	1,568.22	74.13	6.40	2,205.26	35.46	3.51	—	—	—	—	14,908.77
	Selar Kuning/Lolong	2,575.33	11,205.76	—	10.15	124.74	16,020.17	128.65	—	17.79	—	—	—	—	—	—	30,082.59
	Selayang/Curut	229.11	20,079.30	—	2.60	1,291.41	1,858.35	—	—	661.27	—	—	—	—	—	—	24,122.04
	Pisang-pisang	46.95	186.76	—	—	157.86	1.75	31.94	2.54	294.13	—	—	—	—	—	—	721.93
	Taiang	159.85	10.95	2.18	1.15	259.99	0.96	88.45	—	166.44	—	—	—	—	—	—	689.97
35	Billis	75.18	7.74	32,805.22	21.54	—	—	471.80	—	—	75.32	—	—	—	—	—	33,456.80
	Parang-parang	1,193.25	18.22	—	5.51	3,732.81	45.17	21.89	—	14.21	3.02	3.03	—	—	—	—	5,037.11
	Tamban	1,104.38	13,719.94	1,145.88	—	675.37	455.28	289.88	—	43.14	65.93	7.56	—	—	—	—	17,507.36
	Bulan-bulan	69.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	69.37
36	Aya/Kayu/Tongkol	11.80	2,956.63	114.80	8.79	6,264.29	33.95	—	—	8,334.95	—	—	—	—	—	—	17,725.21
	Layaran/Mersuji	49.12	1.69	—	—	162.24	—	—	—	460.99	—	—	—	—	—	—	674.04
37	Kembong/Temenong	14,051.61	54,403.80	—	1.35	11,010.91	208.29	386.27	—	358.37	—	—	—	—	—	—	80,420.60
	Tenggiri	823.44	296.13	—	3.69	7,630.04	18.75	56.17	125.54	3,608.61	—	3.33	—	—	—	—	12,565.70
	Timah/Layar/Selayor	1,597.20	408.29	0.42	0.72	747.57	13.97	5.51	—	1.14	31.94	0.24	—	—	—	—	2,807.00
38	Pari	1,546.50	—	—	0.54	326.29	20.80	2.70	46.57	969.29	3.21	60.92	—	—	—	—	2,976.82
	Yu	707.15	48.83	6.22	0.12	1,133.46	21.46	1.68	2.29	682.46	—	60.73	—	—	—	—	2,664.40
39	Ikan Baja	140,110.06	1,571.86	248.09	6,269.96	2,493.63	—	1,104.79	264.13	29.89	2,489.78	50.21	450.88	—	—	—	155,083.28
	Ikan Campur	2,200.77	4,982.69	557.68	187.54	3,448.69	1,067.06	142.42	875.26	1,153.43	121.31	21.53	61.46	—	—	—	14,819.84
	Jebong	209.37	—	—	—	4.90	—	—	18.15	1.21	—	—	—	—	—	—	233.63
42	Ketam	1,375.51	—	—	51.04	1,404.64	11.49	—	93.41	—	39.94	43.69	—	—	—	594.63	3,614.35
45	Udang Karang/Lobok	114.24	—	—	—	3.75	—	—	6.36	—	0.36	—	—	—	—	—	124.71
	Udang Besar	1,705.85	—	—	212.45	2,831.58	—	3.31	—	—	114.72	26.85	29.62	—	—	8.09	4,932.47
	Udang Sedang	7,145.74	—	—	3,582.02	3,110.05	—	46.49	—	—	873.34	21.23	701.30	—	—	8.04	15,488.21
	Udang Kecil	15,638.83	—	—	7,176.19	1,480.73	—	136.25	—	—	3,100.90	100.94	1,430.01	—	—	1.39	29,065.24
	Udang Baring	—	—	—	7,528.87	35.45	—	2,397.64	—	—	10,386.05	7.08	982.50	—	—	—	21,337.59
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	68,911.60	—	68,911.60
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	2,231.27	—	2,231.27
57	Sotong Kereta	357.42	—	—	—	—	—	0.18	—	—	—	—	—	—	—	—	357.60
	Sotong Katak	2,591.46	—	—	—	2.95	0.36	34.95	395.60	—	9.19	—	—	—	—	—	3,034.51
	Sotong Biasa	8,658.36	153.26	—	1.88	22.08	2.34	88.05	8.05	—	26.98	—	—	—	—	2,898.00	11,859.00
76	Ubur-ubur	1,008.47	—	—	—	—	—	6.05	—	—	308.58	—	—	—	—	—	1,323.10

[illegible]

PANTAI BARAT SEMENANJUNG MALAYSIA/WEST COAST, PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish		Pukat-pukat Tarik/Seine Nets					Perangkap-perangkap Traps								Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name	Pukat Tunda Trawl Net	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat- belat Stationary	Bubu Portable	Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscel- laneous	
	<i>Species</i>															
24	Kebasi/Selangat	467.89	22.74	—	9.20	673.34	—	1.87	—	—	—	—	—	—	—	1,175.04
	Puput/B. Mata/Tirok	334.22	0.48	—	—	94.11	—	—	—	—	—	—	—	—	—	428.81
	Terubok	1.51	—	—	—	10.83	—	—	—	—	—	—	—	—	—	12.34
25	Siakap	1.02	—	—	—	28.80	—	—	5.15	8.26	—	0.67	—	—	—	43.90
31	Lidah	2,335.34	—	—	—	18.08	—	—	—	—	—	3.69	—	—	—	2,357.11
	Sebelah	169.95	—	—	—	8.76	—	—	—	—	—	2.43	—	—	—	181.14
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	404.04	—	—	—	—	—	—	—	—	—	—	—	—	—	404.04
	Daun Baharu	19.59	—	—	—	0.84	—	—	—	—	—	—	—	—	—	20.43
	Delah	28.97	—	—	—	—	—	0.24	19.89	24.86	—	0.97	—	—	—	74.93
	Duri/Pulutan/Utik	519.66	—	—	38.67	755.14	51.92	8.34	12.04	900.28	76.75	85.07	—	—	—	2,447.87
	Dengkis/Debam	11.13	—	—	—	—	—	—	3.68	—	—	2.60	—	—	—	17.41
	Gelama/Tengkerong	3,939.29	—	—	154.98	478.36	47.92	56.67	5.14	84.34	25.28	236.88	—	—	—	5,028.86
	Gerut-gerut	385.56	—	—	3.63	45.55	3.87	8.46	75.88	811.47	—	—	—	—	—	1,334.42
	Jenahak	219.75	—	—	10.70	3.92	—	0.96	151.78	337.71	—	—	—	—	—	724.82
	Kaci	60.80	—	—	—	1.15	—	—	61.69	—	—	—	—	—	—	123.64
	Kerapu	709.72	—	—	—	4.23	—	6.54	374.96	433.55	—	0.12	—	—	—	1,529.12
	Kerisi	5,466.25	—	—	—	0.36	—	—	28.02	29.47	—	—	—	—	—	5,524.10
	Kerisi Bali	36.05	—	—	—	—	—	—	90.49	14.03	—	—	—	—	—	140.57
	Kikek	115.57	—	—	—	8.23	—	2.05	4.24	—	—	—	—	—	—	130.09
	Malong	1,089.36	—	—	—	243.10	9.80	28.24	—	327.08	—	0.24	—	—	—	1,697.82
	Merah	506.64	—	—	—	0.72	—	0.42	496.06	443.36	—	—	—	—	—	1,447.20
	Mengkerong/Conor/Ubi	1,182.14	—	—	—	18.07	—	—	—	3.57	—	—	—	—	—	1,203.78
	Remong/Kunyit-kunyit	59.04	—	—	—	—	—	—	8.17	47.66	—	—	—	—	—	114.87
	Semilang	231.24	—	—	30.77	94.18	—	60.61	46.52	324.30	1.87	150.96	—	—	0.06	940.51
	Shrumbu/Lemah	0.42	—	—	—	—	—	—	—	—	—	—	—	—	—	0.42
	Puntong Damar/Bulus	139.58	—	—	—	1.70	—	—	—	134.25	—	—	—	—	—	275.53
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	637.60	0.24	—	—	120.74	—	8.04	4.23	152.23	—	9.56	—	—	—	932.64
	Aruan Tasik	83.44	0.84	—	—	47.25	—	—	0.48	5.12	—	—	—	—	—	137.13
	Bawal	1,516.01	453.96	—	—	1,426.85	363.33	12.69	11.02	31.46	3.44	—	—	—	—	3,818.76
	Belanak/Kedera	525.21	882.33	—	31.75	2,712.11	—	1.32	—	12.03	—	20.37	—	—	—	4,185.12
	Cermin/Sagai/Cupak	36.90	—	—	—	29.15	—	—	—	—	—	—	—	—	—	66.05
	Cencaru	1,008.97	2,274.41	—	—	390.78	13.61	13.22	45.18	—	—	—	—	—	—	3,746.17
	Demudok/Rambai	573.20	4.36	—	—	8.04	—	13.31	5.26	17.36	—	—	—	—	—	621.53
	Kurau/Senangin/Senohong ..	196.74	—	—	—	1,234.30	25.82	4.53	7.75	199.27	—	7.99	—	—	—	1,676.40
	Pelata/Selar	517.31	2,563.52	—	—	123.65	—	8.78	—	15.23	6.41	1.27	—	—	—	3,236.17
	Selar Kuning/Lolong	365.18	2,166.12	—	—	10.34	—	4.51	—	—	—	—	—	—	—	2,546.15
	Selayang/Curut	223.49	7,970.38	—	—	—	—	—	—	—	—	—	—	—	—	8,193.87
	Pisang-pisang	—	176.60	—	—	—	—	—	—	—	—	—	—	—	—	176.60
	Talang	156.60	0.24	—	—	96.71	—	88.45	—	118.76	—	—	—	—	—	460.76
35	Bilis	52.01	—	26,969.29	—	—	—	335.44	—	—	—	—	—	—	—	27,356.74
	Parang-parang	1,082.77	—	—	—	2,037.07	26.30	14.87	—	—	—	—	—	—	—	3,161.01
	Tamban	1,086.91	3,972.40	—	—	17.11	—	159.69	—	—	—	7.56	—	—	—	5,243.67
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	11.56	1,683.26	58.08	—	850.99	13.56	—	—	14.51	—	—	—	—	—	2,631.96
	Layaran/Mersuji	49.00	—	—	—	—	—	—	—	—	—	—	—	—	—	49.00
37	Kembong/Temenong	14,013.80	27,235.75	—	—	3374.69	13.97	386.27	—	2.77	—	—	—	—	—	45,027.25
	Tenggiri	782.86	0.18	—	—	4,061.70	12.71	56.17	—	237.50	—	—	—	—	—	5,151.12
	Timah/Layor/Selayor	1,470.64	—	—	—	50.07	—	4.61	—	0.30	2.90	—	—	—	—	1,528.52
38	Pari	1,161.29	—	—	—	246.10	20.80	2.70	44.16	919.76	—	60.92	—	—	—	2,455.73
	Yu	549.93	—	—	—	44.17	12.38	1.68	—	334.37	—	60.73	—	—	—	1,003.26
39	Ikan Baja	120,956.33	1,522.19	—	6,269.96	2,481.35	—	1,073.94	264.13	29.89	2,093.18	50.21	450.88	—	—	135,192.06
	Ikan Campur	1,339.36	38.48	—	123.46	1,891.39	36.59	75.58	87.81	320.40	27.71	17.83	61.46	—	—	4,020.07
	Jebong	189.03	—	—	—	4.60	—	—	5.75	0.91	—	—	—	—	—	200.29
42	Ketam	1,009.07	—	—	50.38	1,262.96	11.49	—	4.84	—	19.97	43.69	—	—	594.63	2,997.03
45	Udang Karang/Lobok	1.68	—	—	—	—	—	—	—	—	—	—	—	—	—	1.68
	Udang Besar	1,184.56	—	—	212.33	2,546.87	—	3.31	—	—	35.02	26.85	29.62	—	8.09	4,046.65
	Udang Sedang	6,481.99	—	—	3,582.02	2,798.63	—	46.49	—	—	610.24	21.23	701.30	—	8.04	14,249.94
	Udang Kecil	14,338.44	—	—	7,175.71	1,216.24	—	134.50	—	—	2,826.98	100.94	1,430.01	—	1.39	27,224.21
	Udang Baring	—	—	—	118.34	33.94	—	2,397.64	—	—	9,727.97	7.08	982.50	—	—	13,267.47
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	68,858.18	—	68,858.18
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	2,231.27	—	2,231.27
57	Sotong Kereta	346.89	—	—	—	—	—	0.18	—	—	—	—	—	—	—	347.07
	Sotong Katak	1,920.60	—	—	—	1.92	—	24.66	—	—	—	—	—	—	—	1,947.18
	Sotong Biasa	6,621.70	—	—	1.88	18.38	—	37.21	—	—	1.51	—	—	—	—	6,680.68
76	Ubur-ubur	1,008.47	—	—	—	—	—	6.05	—	—	308.58	—	—	—	—	1,323.10

Jumlah Ton M.
Total M. Tonnes

199,934.27 50,968.48 27,027.37 17,813.78 31,627.57 664.07 5,090.24 1,819.14 6,381.24 15,767.81 919.86 3,655.77 71,089.45 612.21 433,371.26

PANTAI TIMUR SEMENANJUNG MALAYSIA/EAST COAST, PENINSULAR MALAYSIA
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
 LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO	Jenis Ikan Type of Fish		Pukat-pukat Tarik/Seine Nets					Perangkap-perangkap Traps										Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name	Pukat Tunda Trawl Net	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat- belat Stationary	Bubu Portable	Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscel- laneous			
	Species																	
24	Kebasi/Selangat	33.34	—	—	0.24	1.99	—	—	27.23	0.06	5.45	0.24	—	—	—	68.55		
	Puput/B. Mata/Tirok	49.48	—	—	—	24.02	—	—	—	—	1.94	—	—	—	—	75.44		
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
25	Siakap	0.06	—	—	—	23.24	—	—	8.41	51.30	—	—	—	—	—	83.01		
31	Lidah	73.99	—	—	0.06	0.66	—	—	—	—	0.73	—	—	—	—	75.44		
	Sebelah	90.76	—	—	0.54	2.35	0.78	—	—	—	1.09	—	—	—	—	95.52		
33	Bayan	2.67	—	—	—	4.53	—	7.99	336.48	—	—	—	—	—	—	351.67		
	Biji Nangka	401.08	—	—	9.61	12.77	1.38	—	141.52	0.24	—	1.50	—	—	—	568.10		
	Daun Baharu	30.82	—	—	—	6.04	0.54	—	44.76	—	—	—	—	—	—	82.16		
	Delah	0.06	—	—	173.87	68.07	—	—	565.77	49.31	—	—	—	—	12.04	869.12		
	Duri/Pulutan/Utik	174.79	413.60	—	1.76	514.32	2.12	4.23	6.34	416.11	12.40	0.24	—	—	—	1,545.91		
	Dengkis/Debam	100.47	—	—	—	17.84	9.49	—	399.05	20.20	1.39	—	—	—	—	548.44		
	Gelama/Tengerong	691.95	28.25	5.75	16.78	300.33	30.10	0.36	23.58	378.89	55.91	3.20	—	—	—	1,535.10		
	Gerut-gerut	26.78	—	—	0.42	60.30	1.87	—	135.92	506.58	—	0.06	—	—	—	731.93		
	Jenahak	20.81	—	—	—	4.30	—	—	10.52	10.51	—	—	—	—	—	46.14		
	Kaci	36.77	—	—	2.18	16.22	1.09	—	292.86	167.33	—	—	—	—	—	516.45		
	Kerapu	75.80	—	—	0.30	80.41	15.66	0.24	514.99	1,072.66	9.38	0.60	—	—	—	1,770.04		
	Kerisi	1,743.40	—	—	2.83	79.79	17.83	—	418.71	1,662.59	—	2.97	—	—	—	3,928.12		
	Kerisi Bali	20.26	—	—	—	—	—	—	—	—	—	—	—	—	—	20.26		
	Kikek	302.71	109.86	23.53	1.26	55.32	13.80	7.93	40.84	8.45	21.72	0.48	—	—	—	585.90		
	Malong	1.50	—	—	6.78	8.10	—	—	—	12.28	—	0.18	—	—	—	28.84		
	Merah	177.24	—	—	—	3.74	0.12	1.15	755.36	653.18	—	—	—	—	—	1,590.79		
	Mengkerong/Conor/Ubi	75.97	—	—	—	—	—	—	0.18	—	0.42	—	—	—	—	76.57		
	Remong/Kunyit-kunyit	145.37	0.36	—	4.70	23.83	0.96	—	604.84	24.34	—	1.14	—	—	—	805.54		
	Semilang	9.13	—	—	—	1.51	—	—	—	11.92	9.19	—	—	—	—	31.75		
	Shrumbu/Lemah	1.88	—	—	—	—	—	—	—	—	2.66	—	—	—	—	4.54		
	Puntong Damar/Bulus	405.18	—	—	9.75	1,465.46	2.48	—	78.94	5.87	—	—	—	—	—	1,967.68		
	Pasir-pasir	110.75	—	—	2.42	120.08	—	—	68.12	121.48	—	—	—	—	—	422.85		

34	Alu-alu/Kacang-kacang	257.08	96.11	—	2.85	91.37	0.18	7.25	11.06	201.23	—	—	—	—	—	667.13	
	Aruan Tasik	4.30	9.31	—	—	214.94	0.91	1.63	219.52	704.89	—	—	—	—	—	1,155.50	
	Bawal	83.15	763.95	—	1.44	465.24	737.38	0.97	—	0.24	10.17	5.40	—	—	—	2,067.94	
	Belanak/Kedera	—	—	—	0.06	5.45	—	—	—	—	15.07	—	—	—	—	20.58	
	Cermin/Sagai/Cupak	124.43	76.28	—	0.60	159.92	56.02	14.15	211.07	196.10	0.36	3.26	—	—	—	842.19	
	Cencaru	1.20	1,215.21	—	1.22	1,272.98	370.68	—	1.51	124.42	—	0.30	—	—	—	2,987.52	
	Demudok/Rambai	23.16	231.52	—	4.60	258.93	34.83	10.62	343.46	702.70	1.15	0.18	—	—	—	1,611.15	
	Kurau/Senangin/Senohong ..	0.84	—	—	—	86.34	—	—	—	5.20	36.12	—	—	—	—	128.50	
	Pelata/Selar	87.94	5,117.84	35.82	5.20	2,564.51	1,568.22	65.35	6.40	2,190.03	29.05	2.24	—	—	—	11,672.60	
	Selar Kuning/Lolong	2,210.15	9,039.64	—	10.15	114.40	16,020.17	124.14	—	17.79	—	—	—	—	—	27,536.44	
	Selayang/Curut	5.62	12,108.92	—	2.60	1,291.41	1,858.35	—	—	661.27	—	—	—	—	—	15,928.17	
	Pisang-pisang	46.95	10.16	—	—	157.86	1.75	31.94	2.54	294.13	—	—	—	—	—	545.33	
	Talang	3.25	10.71	2.18	1.15	163.28	0.96	—	—	47.68	—	—	—	—	—	229.21	
	35	Bilis	23.17	7.74	5,835.93	21.54	—	—	136.36	—	—	75.32	—	—	—	—	6,100.06
		Parang-parang	110.48	18.22	—	5.51	1,695.74	18.87	7.02	—	14.21	3.02	3.03	—	—	—	1,876.10
		Tamban	17.47	9,747.54	1,145.88	—	658.26	455.28	130.19	—	43.14	65.93	—	—	—	—	12,263.69
Bulan-bulan		69.37	—	—	—	—	—	—	—	—	—	—	—	—	—	69.37	
36	Aya/Kayu/Tongkol	0.24	1,273.37	56.72	8.79	5,413.30	20.39	—	—	8,320.44	—	—	—	—	—	15,093.25	
	Layaran/Mersuji	0.12	1.69	—	—	162.24	—	—	—	460.99	—	—	—	—	—	625.04	
37	Kembong/Temenong	37.81	27,168.05	—	1.35	7,636.22	194.32	—	—	355.60	—	—	—	—	—	35,393.35	
	Tenggiri	40.58	295.95	—	3.69	3,568.34	6.04	—	125.54	3,371.11	—	3.33	—	—	—	7,414.58	
	Timah/Layor/Selayor	126.56	408.29	0.42	0.72	697.50	13.97	0.90	—	0.84	29.04	0.24	—	—	—	1,278.48	
38	Pari	385.21	—	—	0.54	80.19	—	—	2.41	49.53	3.21	—	—	—	—	521.09	
	Yu	157.22	48.83	6.22	0.12	1,089.29	9.08	—	2.29	348.09	—	—	—	—	—	1,661.14	
39	Ikan Baja	19,153.73	49.67	248.09	—	12.28	—	30.85	—	—	396.60	—	—	—	—	19,891.22	
	Ikan Campur	861.41	4,944.21	557.68	64.08	1,557.30	1,030.47	66.84	787.45	833.03	93.60	3.70	—	—	—	10,799.77	
	Jebong	20.34	—	—	—	0.30	—	—	12.40	0.30	—	—	—	—	—	33.34	
	42	Ketam	366.44	—	—	0.66	141.68	—	—	88.57	—	19.97	—	—	—	—	617.32
45		Udang Karang/Lobok	112.56	—	—	—	3.75	—	—	6.36	—	0.36	—	—	—	—	123.03
	Udang Besar	521.29	—	—	0.12	284.71	—	—	—	—	79.70	—	—	—	—	885.82	
	Udang Sedang	663.75	—	—	—	311.42	—	—	—	—	263.10	—	—	—	—	1,238.27	
	Udang Kecil	1,300.39	—	—	0.48	264.49	—	1.75	—	—	273.92	—	—	—	—	1,841.03	
	Udang Baring	—	—	—	7,410.53	1.51	—	—	—	—	658.08	—	—	—	—	8,070.12	
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	53.42	—	53.42	
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
57	Sotong Kereta	10.53	—	—	—	—	—	—	—	—	—	—	—	—	—	10.53	
	Sotong Katak	670.86	—	—	—	1.03	0.36	10.29	395.60	—	9.19	—	—	—	—	1,087.33	
	Sotong Biasa	2,036.66	153.26	—	—	3.70	2.34	50.84	8.05	—	25.47	—	—	—	2,898.00	5,178.32	
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

[illegible]

PERLIS

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
 LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish		Pukat-pukat Tarik/Seine Nets				Perangkap-perangkap Traps		Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampai-an Miscel- laneous	Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name	Pukat Tunda Trawl Net	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat- belat Stationary	Bubu Portable						
	<i>Species</i>														
24	Kebasi/Selangat	—	—	—	—	26.07	—	—	—	—	—	—	—	—	26.07
	Puput/B. Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	Lidah	183.97	—	—	—	—	—	—	—	—	—	—	—	—	183.97
	Sebelah	7.75	—	—	—	—	—	—	—	—	—	—	—	—	7.75
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—	—	—	—	23.43	—	—	—	23.43
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	144.46	—	—	—	—	—	—	—	—	—	—	—	—	144.46
	Gerut-gerut	24.74	—	—	—	—	—	—	6.18	48.46	—	—	—	—	79.38
	Jenahak	—	—	—	—	—	—	—	7.22	11.39	—	—	—	—	18.61
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	33.81	—	—	—	—	—	—	5.23	7.69	—	—	—	—	46.73
	Kerisi	32.30	—	—	—	—	—	—	—	—	—	—	—	—	32.30
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	45.56	—	—	—	—	—	—	—	—	—	—	—	—	45.56
	Merah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mengkerong/Conor/Ubi	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—	—	—	—	41.12	—	—	—	41.12
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	12.60	—	—	—	—	—	—	—	—	—	—	—	—	12.60
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—

KEDAH

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISCAAP GROUP NO.	Jenis Ikan Type of Fish	Nama Tempatan Local Name	Pukat Tunda Trawl Net	Pukat-pukat Tarik/Seine Nets				Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap-perangkap Traps			Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscel- laneous	Jumlah Ton M. Total M. Tonnes
				Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines				Belat- belat Stationary	Bubu Portable	Pancing Hooks and Lines						
	<i>Species</i>																	
24	Kebasi/Selangat		218.87	—	—	—	19.31	—	—	0.36	—	—	—	—	—	—	—	238.54
	Puput/B. Mata/Tirok		89.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89.58
	Terubok		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap		0.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.30
31	Lidah		1,371.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,371.92
	Sebelah		110.05	—	—	—	0.24	—	—	—	—	—	—	—	—	—	—	110.29
33	Bayan		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka		3.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.69
	Daun Baharu		4.24	—	—	—	0.84	—	—	—	—	—	—	—	—	—	—	5.08
	Delah		1.64	—	—	—	—	—	—	0.24	19.89	—	—	0.97	—	—	—	22.74
	Duri/Pulutan/Utik		307.17	—	—	—	1.68	—	—	0.90	—	16.99	—	10.17	—	—	—	336.91
	Dengkis/Debam		0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.18
	Gelama/Tengkerong		1,781.03	—	—	—	26.44	—	—	6.10	2.42	30.06	—	1.33	—	—	—	1,847.38
	Gerut-gerut		191.66	—	—	—	1.57	—	—	4.05	8.17	16.06	—	—	—	—	—	221.51
	Jenahak		86.95	—	—	—	1.69	—	—	0.66	7.25	6.46	—	—	—	—	—	103.01
	Kaci		25.17	—	—	—	1.15	—	—	—	2.18	—	—	—	—	—	—	28.50
	Kerapu		345.50	—	—	—	1.93	—	—	6.54	8.64	15.31	—	—	—	—	—	377.92
	Kerisi		2,606.64	—	—	—	0.36	—	—	—	—	—	—	—	—	—	—	2,607.00
	Kerisi Bali		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek		2.95	—	—	—	—	—	—	0.42	—	—	—	—	—	—	—	3.37
	Malong		498.86	—	—	—	3.27	—	—	3.32	—	1.56	—	—	—	—	—	507.01
	Merah		87.30	—	—	—	0.72	—	—	0.42	—	—	—	—	—	—	—	88.44
	Mengkerong/Conor/Ubi		597.70	—	—	—	0.48	—	—	—	—	—	—	—	—	—	—	598.18
	Remong/Kunyit-kunyit		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang		175.78	—	—	—	2.54	—	—	—	—	10.18	—	29.09	—	—	—	217.59
	Shrumbu/Lemah		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus		82.95	—	—	—	0.73	—	—	—	—	23.11	—	—	—	—	—	106.79
	Pasir-pasir		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	305.33	—	—	—	—	—	8.04	—	—	—	—	—	—	—	313.37
	Aruan Tasik	74.72	—	—	—	—	—	—	—	—	—	—	—	—	—	74.72
	Bawal	997.51	—	—	—	123.72	53.05	11.61	11.02	—	—	—	—	—	—	1,196.91
	Belanak/Kedera	253.12	—	—	—	30.86	—	0.30	—	—	—	—	—	—	—	284.28
	Cermin/Sagai/Cupak	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cencaru	626.07	437.21	—	—	0.78	—	3.80	—	—	—	—	—	—	—	1,067.86
	Demudok/Rambai	168.07	—	—	—	—	—	13.31	—	—	—	—	—	—	—	181.38
	Kurau/Senangin/Senohong ..	14.05	—	—	—	3.51	—	4.41	—	—	—	—	—	—	—	21.97
	Pelata/Selar	303.22	472.23	—	—	—	—	4.36	—	—	—	—	—	—	—	779.81
	Selar Kuning/Lolong	107.53	—	—	—	0.60	—	2.08	—	—	—	—	—	—	—	110.21
	Selayang/Curut	32.00	—	—	—	—	—	—	—	—	—	—	—	—	—	32.00
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	137.69	—	—	—	19.25	—	88.39	—	—	—	—	—	—	—	245.33
35	Bilis	32.29	—	20,580.65	—	—	—	—	—	—	—	—	—	—	—	20,612.94
	Parang-parang	502.62	—	—	—	42.12	—	9.06	—	—	—	—	—	—	—	553.80
	Tamban	882.89	64.73	—	—	6.46	—	0.96	—	—	—	—	—	—	—	955.04
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	4.60	385.24	58.08	—	0.30	—	—	—	—	—	—	—	—	—	448.22
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	11,927.03	6,845.63	—	—	218.64	—	155.35	—	—	—	—	—	—	—	19,146.65
	Tenggiri	482.74	—	—	—	275.45	—	52.46	—	13.80	—	—	—	—	—	824.45
	Timah/Layor/Selayor	696.06	—	—	—	0.72	—	4.61	—	—	—	—	—	—	—	701.39
38	Pari	335.65	—	—	—	1.27	—	2.70	6.47	6.17	—	—	—	—	—	352.26
	Yu	216.04	—	—	—	2.05	—	1.68	—	2.12	—	—	—	—	—	221.89
39	Ikan Baja	72,388.76	101.88	—	156.67	154.01	—	121.40	264.13	—	284.81	—	12.88	—	—	73,484.54
	Ikan Campur	433.14	—	—	12.03	31.23	9.25	11.61	12.00	5.62	15.66	3.68	—	—	—	534.22
	Jebong	65.03	—	—	—	—	—	—	—	—	—	—	—	—	—	65.03
42	Ketam	480.39	—	—	—	25.89	—	—	—	—	—	—	—	—	56.01	562.29
45	Udang Karang/Lobok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	555.33	—	—	5.00	330.79	—	2.05	—	—	23.42	—	—	—	—	916.59
	Udang Sedang	1,910.10	—	—	33.71	499.26	—	10.11	—	—	110.29	—	—	—	—	2,563.47
	Udang Kecil	3,800.76	—	—	119.36	714.45	—	20.51	—	—	237.08	—	—	—	—	4,892.16
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	102.16	—	—	102.16
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	2,249.23	—	2,249.23
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	344.53	—	—	—	—	—	0.18	—	—	—	—	—	—	—	344.71
	Sotong Katak	804.94	—	—	—	1.92	—	24.66	—	—	—	—	—	—	—	831.52
	Sotong Biasa	4,447.27	—	—	—	9.67	—	15.01	—	—	—	—	—	—	—	4,471.95
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Ton M. Total M. Tonnes		111,919.61	8,306.92	20,638.73	326.77	2,555.90	62.30	591.66	342.17	147.44	671.26	45.24	115.04	2,249.23	56.01	148,028.28

PULAU PINANG

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish		Pukat Tunda Trawl Nets	Pukat-pukat Tarik/Seine Nets			Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap-perangkap Traps		Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscel- aneous	Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name			Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines			Belat- belat Stationary	Bubu Portable							
	Species																
24	Kebasi/Selangat	.. .. .	27.42	22.74	—	—	162.43	—	—	—	—	—	—	—	—	—	212.59
	Puput/B. Mata/Tirok	.. .. .	21.42	—	—	—	—	—	—	—	—	—	—	—	—	—	21.42
	Terubok	.. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	.. .. .	—	—	—	—	—	—	—	1.42	—	—	—	—	—	—	1.42
31	Lidah	.. .. .	71.84	—	—	—	—	—	—	—	—	—	—	—	—	—	71.84
	Sebelah	.. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	.. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	.. .. .	36.91	—	—	—	—	—	—	—	—	—	—	—	—	—	36.91
	Daun Baharu	.. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	.. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	.. .. .	21.49	—	—	—	46.45	—	—	—	28.82	—	—	—	—	—	96.76
	Dengkis/Debam	.. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	.. .. .	355.71	—	—	21.96	54.84	—	—	—	19.05	—	—	—	—	—	451.56
	Gerut-gerut	.. .. .	11.70	—	—	—	—	—	—	14.22	36.84	—	—	—	—	—	62.76
	Jenahak	.. .. .	10.23	—	—	—	—	—	—	16.54	11.07	—	—	—	—	—	37.84
	Kaci	.. .. .	—	—	—	—	—	—	—	0.36	—	—	—	—	—	—	0.36
	Kerapu	.. .. .	20.20	—	—	—	—	—	—	85.70	25.77	—	—	—	—	—	131.67
	Kerisi	.. .. .	113.27	—	—	—	—	—	—	8.48	—	—	—	—	—	—	121.75
	Kerisi Bali	.. .. .	—	—	—	—	—	—	—	17.40	—	—	—	—	—	—	17.40
	Kikek	.. .. .	0.54	—	—	—	—	—	—	4.24	—	—	—	—	—	—	4.78
	Malong	.. .. .	64.77	—	—	—	—	—	—	—	5.90	—	—	—	—	—	70.67
	Merah	.. .. .	0.60	—	—	—	—	—	—	188.84	—	—	—	—	—	—	189.44
	Mengkerong/Conor/Ubi	.. .. .	76.22	—	—	—	—	—	—	—	—	—	—	—	—	—	76.22
	Remong/Kunyit-kunyit	.. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	.. .. .	1.21	—	—	—	8.71	—	—	—	1.69	—	—	—	—	—	11.61
	Shrumbu/Lemah	.. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	.. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	.. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Jumlah Ton M.	..	4,984.08	11,897.84	—	2,890.42	5,303.20	—	—	365.26	147.02	2,175.04	—	769.27	5,590.66	2.60	34,125.39
<i>Total M. Tonnes</i>																

PERAK
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISCAAP GROUP NO.	Jenis Ikan Type of Fish	Nama Tempatan Local Name	Pukat Tunda Trawl Nets	Pukat-pukat Tarik/Seine Nets			Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap-perangkap Traps			Pukat Bekul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaiian Miscel- laneous	Jumlah Ton M: Total M. Tonnes
				Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines			Belat- belat Stationary	Bubu Portable	Pancing Hooks and Lines						
	Species																
24	Kebasi/Selangat		204.36	—	—	—	267.09	—	—	—	—	—	—	—	—	—	471.45
	Puput/B. Mata/Tirok .. .		104.85	0.48	—	—	26.07	—	—	—	—	—	—	—	—	—	131.40
	Terubok		1.27	—	—	—	10.83	—	—	—	—	—	—	—	—	—	12.10
25	Siakap		0.30	—	—	—	20.50	—	—	—	—	—	—	—	—	—	20.80
31	Lidah		58.77	—	—	—	13.85	—	—	—	—	—	—	—	—	—	72.62
	Sebelah		39.58	—	—	—	8.52	—	—	—	—	—	—	—	—	—	48.10
33	Bayan		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka		302.29	—	—	—	—	—	—	—	—	—	—	—	—	—	302.29
	Daun Baharu		5.26	—	—	—	—	—	—	—	—	—	—	—	—	—	5.26
	Delah		27.33	—	—	—	—	—	—	—	24.86	—	—	—	—	—	52.19
	Duri/Pulutan/Utik .. .		83.29	—	—	—	252.62	—	—	12.04	582.42	—	—	—	—	—	930.37
	Dengkis/Debam		10.95	—	—	—	—	—	—	—	—	—	—	—	—	—	10.95
	Gelama/Tengkerong .. .		685.29	—	—	94.61	105.20	—	—	2.72	—	—	—	—	—	—	887.82
	Gerut-gerut		101.16	—	—	—	—	—	—	45.98	365.20	—	—	—	—	—	512.34
	Jenahak		64.30	—	—	—	—	—	—	56.93	199.03	—	—	—	—	—	320.26
	Kaci		35.63	—	—	—	—	—	—	52.20	—	—	—	—	—	—	87.83
	Kerapu		235.93	—	—	—	—	—	—	235.83	331.13	—	—	—	—	—	802.89
	Kerisi		2,620.21	—	—	—	—	—	—	19.54	29.47	—	—	—	—	—	2,669.22
	Kerisi Bali		36.05	—	—	—	—	—	—	73.09	14.03	—	—	—	—	—	123.17
	Kikek		98.12	—	—	—	—	—	—	—	—	—	—	—	—	—	98.12
	Malong		83.18	—	—	—	2.00	—	—	—	39.94	—	—	—	—	—	125.12
	Merah		325.43	—	—	—	—	—	—	239.31	209.02	—	—	—	—	—	773.76
	Mengkerong/Conor/Ubi ..		435.69	—	—	—	17.59	—	—	—	—	—	—	—	—	—	453.28
	Remong/Kunyit-kunyit ..		59.04	—	—	—	—	—	—	8.17	47.66	—	—	—	—	—	114.87
	Semilang		39.32	—	—	—	68.12	—	—	46.52	298.31	—	—	—	—	—	452.27
	Shrumbu/Lemah		0.42	—	—	—	—	—	—	—	—	—	—	—	—	—	0.42
	Puntong Damar/Bulus ..		44.03	—	—	—	0.97	—	—	—	111.14	—	—	—	—	—	156.14
	Pasir-pasir		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	200.00	0.24	—	—	7.80	—	—	3.87	118.87	—	—	—	—	—	330.78
	Aruan Tasik	8.72	0.84	—	—	47.25	—	—	0.48	0.06	—	—	—	—	—	57.35
	Bawal	200.41	217.67	—	—	649.05	—	—	—	—	—	—	—	—	—	1,067.13
	Belanak/Kedera	134.92	—	—	—	2,170.05	—	—	—	12.03	—	—	—	—	—	2,317.00
	Cermin/Sagai/Cupak	5.74	—	—	—	—	—	—	—	—	—	—	—	—	—	5.74
	Cencaru	233.03	224.62	—	—	22.44	—	—	—	10.10	—	—	—	—	—	490.19
	Demudok/Rambai	404.65	4.36	—	—	—	—	—	5.26	17.36	—	—	—	—	—	431.63
	Kurau/Senangin/Senohong ..	4.35	—	—	—	257.49	—	—	—	13.85	—	—	—	—	—	275.69
	Pelata/Selar	124.39	5.69	—	—	15.91	—	—	—	—	—	—	—	—	—	145.99
	Selar Kuning/Lolong	214.34	0.24	—	—	9.74	—	—	—	—	—	—	—	—	—	224.32
	Selayang/Curut	157.06	22.92	—	—	—	—	—	—	—	—	—	—	—	—	179.98
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	15.84	0.24	—	—	6.78	—	—	—	118.15	—	—	—	—	—	141.01
35	Bilis	—	—	6,388.64	—	—	—	327.52	—	—	—	—	—	—	—	6,716.16
	Parang-parang	152.35	—	—	—	262.67	—	—	—	—	—	—	—	—	—	415.02
	Tamban	66.37	13.48	—	—	—	—	—	—	—	—	—	—	—	—	79.85
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	6.96	374.36	—	—	368.72	—	—	—	—	—	—	—	—	—	750.04
	Layaran/Mersuji	49.00	—	—	—	—	—	—	—	—	—	—	—	—	—	49.00
37	Kembong/Temenong	1,693.76	4,898.13	—	—	1,123.49	—	—	—	—	—	—	—	—	—	7,715.38
	Tenggiri	133.88	0.18	—	—	923.28	—	—	—	202.97	—	—	—	—	—	1,260.31
	Timah/Layor/Selayor	577.09	—	—	—	16.21	—	—	—	0.30	—	—	—	—	—	593.60
38	Pari	320.57	—	—	—	175.81	—	—	34.55	299.57	—	—	—	—	—	830.50
	Yu	144.41	—	—	—	5.81	—	—	—	187.97	—	—	—	—	—	338.19
39	Ikan Baja	20,180.58	—	—	4,088.75	1,203.57	—	—	—	—	130.30	—	438.00	—	—	26,041.20
	Ikan Campur	602.36	38.48	—	56.21	401.86	—	—	44.21	284.64	—	—	54.99	—	—	1,482.75
	Jebong	122.44	—	—	—	4.60	—	—	3.51	0.91	—	—	—	—	—	131.46
42	Ketam	147.06	—	—	1.39	826.74	—	—	3.27	—	—	—	—	—	462.75	1,441.21
45	Udang Karang/Lobok	1.68	—	—	—	—	—	—	—	—	—	—	—	—	—	1.68
	Udang Besar	177.18	—	—	203.52	1,236.60	—	—	—	—	4.78	1.76	28.36	—	—	1,652.20
	Udang Sedang	2,486.03	—	—	3,064.59	759.03	—	—	—	—	203.99	2.78	678.75	—	—	7,195.17
	Udang Kecil	4,967.75	—	—	5,702.95	72.24	—	—	—	—	355.92	—	1,413.49	—	—	12,512.35
	Udang Baring	—	—	—	—	—	—	2,362.85	—	—	1,044.71	—	—	—	—	3,407.56
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	57,461.95	—	57,461.95
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	395.53	—	395.53
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	405.25	—	—	—	—	—	—	—	—	—	—	—	—	—	405.25
	Sotong Biasa	1,099.89	—	—	1.88	8.71	—	—	—	—	—	—	—	—	—	1,110.48
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jumlah Ton M ..	40,740.11	5,801.93	6,388.64	13,213.90	11,369.21	—	2,690.37	887.48	3,518.99	1,739.70	4.54	2,613.59	57,857.48	462.75	147,288.69
	Total M. Tonnes															

SELANGOR
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish		Pukat-pukat Tarik/Seine Nets					Perangkap-perangkap Traps									Memungut Siput Shellfish Collection	Rampaian Miscel- laneous	Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat- belat Stationary	Bubu Portable	Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets						
Species																			
24	Kebasi/Selangat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Puput/B. Mata/Tirok	1.51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.51		
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
25	Siakap	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
31	Lidah	624.88	—	—	—	—	—	—	—	—	—	—	3.27	—	—	—	628.15		
	Sebelah	12.57	—	—	—	—	—	—	—	—	—	—	2.43	—	—	—	15.00		
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Duri/Pulutan/Utik	50.17	—	—	26.56	233.75	22.38	1.51	—	40.53	—	38.16	—	—	—	—	413.06		
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Gelama/Tengkerong	718.40	—	—	27.21	57.65	36.54	3.20	—	25.37	—	228.36	—	—	—	—	1,096.73		
	Gerut-gerut	54.01	—	—	3.63	19.12	3.87	4.41	—	332.08	—	—	—	—	—	—	417.12		
	Jenahak	54.21	—	—	10.70	2.23	—	0.30	—	56.74	—	—	—	—	—	—	124.18		
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Kerapu	69.69	—	—	—	0.67	—	—	—	—	—	—	—	—	—	—	70.36		
	Kerisi	93.83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	93.83		
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Kikek	13.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13.96		
	Malong	188.39	—	—	—	190.51	5.02	—	—	84.75	—	—	—	—	—	—	468.67		
	Merah	89.97	—	—	—	—	—	—	—	181.74	—	—	—	—	—	—	271.71		
	Mengkerong/Conor/Ubi	48.21	—	—	—	—	—	—	—	3.57	—	—	—	—	—	—	51.78		
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Semilang	14.93	—	—	27.05	—	—	—	—	5.87	—	46.41	—	—	—	—	94.26		
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

[illegible]

NEGERI SEMBILAN
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
 LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish		Pukat-pukat Tarik/Seine Nets					Perangkap-perangkap Traps									Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat-belat Stationary		Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscel- laneous		
	Species																
24	Kebasi/Selangat	—	—	—	3.45	20.69	—	—	—	—	—	—	—	—	—	—	24.14
	Puput/B. Mata/Tirok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	3.61	7.59	—	—	—	—	—	—	11.20
31	Lidah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—	—	—	16.24	—	—	—	—	—	—	16.24
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	—	4.26	7.88	—	—	—	—	—	—	—	—	—	—	12.14
	Gerut-gerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—	—	13.88	15.99	—	—	—	—	—	—	29.87
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—	—	6.76	6.53	—	—	—	—	—	—	13.29
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	0.54	—	—	—	—	—	—	0.54
	Malong	—	—	—	—	—	—	—	20.58	20.97	—	—	—	—	—	—	41.55
	Merah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mengkerong/Conor/Ubi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	3.72	10.06	—	—	—	3.96	—	—	—	—	—	—	17.74
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—	—	4.27	—	—	—	—	—	4.27
	Bawal	—	—	—	—	21.89	—	—	—	—	—	—	—	—	21.89
	Belanak/Kedera	—	—	—	12.51	21.55	—	—	—	—	—	—	—	—	34.06
	Cermin/Sagai/Cupak	—	—	—	—	1.20	—	—	—	—	—	—	—	—	1.20
	Cencaru	—	—	—	—	—	—	—	4.37	—	—	—	—	—	4.37
	Demudok/Rambai	—	—	—	—	1.39	—	—	—	—	—	—	—	—	1.39
	Kurau/Senangin/Senohong ..	—	—	—	—	—	—	—	16.40	—	—	—	—	—	16.40
	Pelata/Selar	—	—	—	—	—	—	—	4.58	—	—	—	—	—	4.58
	Selar Kuning/Lolong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	—	—	7.62	—	—	—	—	—	—	—	—	7.62
35	Bilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	—	—	—	—	56.93	—	—	—	—	—	—	—	—	56.93
	Tamban	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—	—	2.77	—	—	—	—	—	2.77
	Tenggiri	—	—	—	—	68.84	—	—	—	—	—	—	—	—	68.84
	Timah/Layor/Selayor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Pari	—	—	—	—	—	—	—	26.33	—	—	—	—	—	26.33
	Yu	—	—	—	—	—	—	—	10.45	—	—	—	—	—	10.45
39	Ikan Baja	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Ikan Campur	—	—	—	15.36	48.39	—	1.80	2.91	—	—	—	—	—	68.46
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	—	—	—	12.42	26.21	—	—	—	—	—	—	9.40	—	48.03
45	Udang Karang/Lobok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Sedang	—	—	—	27.60	40.54	—	—	—	—	—	—	—	—	68.14
	Udang Kecil	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—	—	—	—	131.39	—	—	131.39
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH TON M. TOTAL M. TONNES		—	—	—	79.32	333.19	—	—	46.63	143.90	—	—	131.39	9.40	743.83

MELAKA

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish		Pukat-pukat Tarik/Seine Nets					Perangkap-perangkap Traps		Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscel- laneous	Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name	Pukat Tunda Trawl Net	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat- belat Stationary	Bubu Portable							
Species																
24	Kebasi/Selangat	—	—	—	5.75	31.52	—	—	—	—	—	—	—	—	—	37.27
	Puput/B. Mata/Tirok	—	—	—	—	2.18	—	—	—	—	—	—	—	—	—	2.18
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	8.30	—	—	—	—	—	—	—	—	—	8.30
31	Lidah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	12.11	47.42	—	—	—	50.80	—	9.44	—	—	—	119.77
	Dengkis/Debam	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gelama/Tengkerong	—	—	—	2.89	22.69	—	—	—	—	—	—	—	—	—	25.58
	Gerut-gerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jenahak	—	—	—	—	—	—	—	—	33.40	—	—	—	—	—	33.40
	Kaci	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerapu	—	—	—	—	—	—	—	—	38.54	—	—	—	—	—	38.54
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Malong	—	—	—	—	—	—	—	—	17.13	—	—	—	—	—	17.13
	Merah	—	—	—	—	—	—	—	—	29.81	—	—	—	—	—	29.81
	Mengkerong/Conor/Ubi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	4.39	—	—	—	—	—	17.35	—	—	—	21.74
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

34	Alu-alu/Kacang-kacang	—	—	—	—	—	—	—	10.59	—	—	—	—	—	10.59
	Aruan Tasik	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bawal	—	—	—	—	45.71	—	0.60	—	—	—	—	—	—	46.31
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	4.59	—	—	—	4.59
	Cermin/Sagai/Cupak	—	—	—	—	9.07	—	—	—	—	—	—	—	—	9.07
	Cencaru	—	—	—	—	43.93	—	—	—	1.51	—	—	—	—	45.44
	Demudok/Rambai	—	—	—	—	6.65	—	—	—	—	—	—	—	—	6.65
	Kurau/Senangin/Senohong ..	—	—	—	—	19.15	—	—	—	49.55	—	—	—	—	68.70
	Pelata/Selar	—	—	—	—	0.48	—	—	—	10.65	—	—	—	—	11.13
	Selar Kuning/Lolong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Talang	—	—	—	—	16.95	—	—	—	0.61	—	—	—	—	17.56
35	Billis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parang-parang	—	—	—	—	453.06	—	—	—	—	—	—	—	—	453.06
	Tamban	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	20.65	—	—	—	—	—	—	—	—	20.65
	Tenggiri	—	—	—	—	585.01	—	—	—	—	—	—	—	—	585.01
	Timah/Layor/Selayor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Pari	—	—	—	—	14.69	—	—	—	147.98	—	—	—	—	162.67
	Yu	—	—	—	—	—	—	—	—	31.28	—	—	—	—	31.28
39	Ikan Baja	—	—	—	32.97	—	—	84.41	—	—	24.20	—	—	—	141.58
	Ikan Campur	—	—	—	10.46	187.06	—	41.07	—	7.44	9.45	6.47	—	—	261.95
	Jebong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
42	Ketam	—	—	—	—	1.50	—	—	—	—	—	—	—	—	1.50
45	Udang Karang/Lobok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Udang Besar	—	—	—	0.06	32.53	—	1.26	—	—	—	1.26	—	—	35.11
	Udang Sedang	—	—	—	3.91	14.05	—	5.50	—	—	—	22.55	—	—	46.01
	Udang Kecil	—	—	—	21.56	2.70	—	10.24	—	—	—	16.52	—	—	51.02
	Udang Baring	—	—	—	—	—	—	22.14	—	—	—	111.07	—	—	133.21
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	8.66	—	8.66
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Biasa	—	—	—	—	—	—	—	—	—	—	—	—	—	—
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jumlah Ton M. Total M. Tonnes		—	—	—	89.71	1,569.69	—	165.22	—	429.29	—	65.03	157.87	8.66	2,485.47

JOHOR BARAT/WEST JOHORE
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish		Pukat-pukat Tarik/Seine Nets					Perangkap-perangkap Traps					Memungut Siput Shellfish Collection	Rampai-an Miscel- laneous	Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name	Pukat Tunda Trawl Net	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Biliis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat-belat Stationary	Bubu Portable	Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets		
	<i>Species</i>														
24	Kebasi/Selangat	17.24	—	—	—	146.23	—	1.51	—	—	—	—	—	—	164.98
	Puput/B. Mata/Tirok .. .	116.86	—	—	—	65.86	—	—	—	—	—	—	—	—	182.72
	Terubok	0.24	—	—	—	—	—	—	—	—	—	—	—	—	0.24
25	Siakap	0.42	—	—	—	—	—	—	0.12	0.67	—	0.67	—	—	1.88
31	Lidah	23.96	—	—	—	4.23	—	—	—	—	—	0.42	—	—	28.61
	Sebelah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Biji Nangka	61.15	—	—	—	—	—	—	—	—	—	—	—	—	61.15
	Daun Baharu	10.09	—	—	—	—	—	—	—	—	—	—	—	—	10.09
	Delah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Duri/Pulutan/Utik .. .	57.54	—	—	—	173.22	29.54	5.93	—	164.48	76.75	3.87	—	—	511.33
	Dengkis/Debam	—	—	—	—	—	—	—	3.68	—	—	2.60	—	—	6.28
	Gelama/Tengkerong .. .	254.40	—	—	4.05	203.66	11.38	47.37	—	9.86	25.28	7.19	—	—	563.19
	Gerut-gerut	2.29	—	—	—	24.86	—	—	1.33	12.83	—	—	—	—	41.31
	Jenahak	4.06	—	—	—	—	—	—	49.96	3.63	—	—	—	—	57.65
	Kaci	—	—	—	—	—	—	—	6.95	—	—	—	—	—	6.95
	Kerapu	4.59	—	—	—	1.63	—	—	32.80	8.58	—	0.12	—	—	47.72
	Kerisi	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	—	—	—	—	8.23	—	1.63	—	—	—	—	—	—	9.86
	Malong	208.60	—	—	—	47.32	4.78	24.92	—	177.26	—	0.24	—	—	463.12
	Merah	3.34	—	—	—	—	—	—	47.33	1.82	—	—	—	—	52.49
	Mengkerong/Conor/Ubi ..	24.32	—	—	—	—	—	—	—	—	—	—	—	—	24.32
	Remong/Kunyit-kunyit ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Semilang	—	—	—	—	0.36	—	60.61	—	4.29	1.87	16.99	—	0.06	84.18
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—	—	—	—	—	—	—	—	—

KELANTAN

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

[illegible]

TRENGGANU

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish	Pukat-pukat Tarik/Seine Nets					Perangkap-perangkap Traps		Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaihan Miscel- laneous	Jumlah Ton M. Total M. Tonnes
		Nama Tempatan Local Name	Pukat Tunda Trawl Nets	Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets							
	<i>Species</i>														
24	Kebasi/Selangat	—	—	—	—	—	—	—	27.23	—	—	—	—	—	27.23
	Puput/B. Mata/Tirok .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	23.24	—	—	0.55	—	—	—	—	—	23.79
31	Lidah	53.91	—	—	—	—	—	—	—	—	—	—	—	—	53.91
	Sebelah	41.15	—	—	—	—	—	—	—	—	—	—	—	—	41.15
82	33 Bayan	1.03	—	—	—	0.18	—	—	155.53	—	—	—	—	—	156.74
	Biji Nangka	151.28	—	—	—	—	—	—	131.47	—	—	—	—	—	282.75
	Daun Baharu	11.61	—	—	—	5.68	—	—	35.69	—	—	—	—	—	52.98
	Delah	—	—	—	—	10.84	—	—	273.32	0.12	—	—	—	—	284.28
	Duri/Pulutan/Utik .. .	15.38	27.70	—	—	31.52	—	—	5.80	48.71	—	—	—	—	129.11
	Dengkis/Debam	18.20	—	—	—	13.37	9.25	—	311.14	7.07	—	—	—	—	359.03
	Gelama/Tengkerong .. .	100.07	28.25	—	2.00	89.11	—	—	16.03	58.80	—	—	—	—	294.26
	Gerut-gerut	14.15	—	—	—	16.40	—	—	62.85	32.12	—	—	—	—	125.52
	Jenahak	0.54	—	—	—	3.39	—	—	3.81	0.78	—	—	—	—	8.52
	Kaci	1.57	—	—	—	1.09	—	—	151.06	1.33	—	—	—	—	155.05
	Kerapu	43.32	—	—	—	47.32	—	—	223.28	173.45	—	—	—	—	487.37
	Kerisi	475.99	—	—	—	2.61	—	—	311.39	181.01	—	—	—	—	971.00
	Kerisi Bali	20.26	—	—	—	—	—	—	—	—	—	—	—	—	20.26
	Kikek	100.18	103.02	2.30	—	21.77	—	—	40.72	0.18	—	—	—	—	268.17
	Malong	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Merah	54.43	—	—	—	0.18	—	—	451.66	202.89	—	—	—	—	709.16
	Mengkerong/Conor/Ubi ..	43.31	—	—	—	—	—	—	—	—	—	—	—	—	43.31
	Remong/Kunyit-kunyit ..	56.62	—	—	—	4.84	—	—	502.24	0.42	—	—	—	—	564.12
	Semilang	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shrumbu/Lemah	1.88	—	—	—	—	—	—	—	—	—	—	—	—	1.88
	Puntong Damar/Bulus .. .	97.94	—	—	—	1,323.42	—	—	76.28	—	—	—	—	—	1,497.64
	Pasir-pasir	—	—	—	—	—	—	—	20.45	—	—	—	—	—	20.45

34	Alu-alu/Kacang-kacang	61.09	30.37	—	—	10.78	—	—	—	—	—	—	—	—	—	102.24
	Aruan Tasik	0.42	9.31	—	—	76.89	—	—	42.94	199.04	—	—	—	—	—	328.60
	Bawal	1.80	745.79	—	—	354.40	433.51	—	—	—	—	—	—	—	—	1,535.50
	Belanak/Kedera	—	—	—	—	1.69	—	—	—	—	—	—	—	—	—	1.69
	Cermin/Sagai/Cupak	39.92	14.76	—	—	47.20	8.47	—	116.57	47.61	—	—	—	—	—	274.53
	Cencaru	—	927.21	—	—	1,102.73	359.06	—	—	—	—	—	—	—	—	2,389.00
	Demudok/Rambai	8.89	43.37	—	—	100.30	29.33	—	195.71	361.12	—	—	—	—	—	738.72
	Kurau/Senangin/Senohong ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pelata/Selar	—	4039.49	35.82	—	2,313.14	1,368.73	—	5.25	60.32	—	—	—	—	—	7,822.75
	Selar Kuning/Lolong	104.32	5,919.07	—	—	47.67	14,014.64	—	—	—	—	—	—	—	—	20,085.70
	Selayang/Curut	—	8,737.88	—	—	1,281.73	1,525.16	—	—	—	—	—	—	—	—	11,544.77
	Pisang-pisang	37.82	—	—	—	154.53	1.75	—	2.54	294.13	—	—	—	—	—	490.77
	Talang	—	—	—	—	1.81	—	—	—	3.39	—	—	—	—	—	5.20
35	Blilis	3.34	7.74	4,083.74	21.54	—	—	—	—	—	—	—	—	—	—	4,116.36
	Parang-parang	37.38	18.22	—	—	867.94	1.27	—	—	—	—	—	—	—	—	924.81
	Tamban	—	6,327.78	886.30	—	615.55	47.19	—	—	—	—	—	—	—	—	7,876.82
	Bulan-bulan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	940.29	56.72	8.79	3,801.13	20.39	—	—	6,299.04	—	—	—	—	—	11,126.36
	Layaran/Mersuji	—	1.69	—	—	62.36	—	—	—	162.74	—	—	—	—	—	226.79
37	Kembong/Temenong	0.24	22,586.76	—	—	6,644.94	44.89	—	—	—	—	—	—	—	—	29,276.83
	Tenggiri	—	135.87	—	—	2,113.01	3.57	—	—	1,681.54	—	—	—	—	—	3,933.99
	Timah/Layor/Selayor	36.31	408.05	0.42	—	657.94	3.63	—	—	0.84	—	—	—	—	—	1,107.19
38	Pari	75.40	—	—	—	2.66	—	—	2.11	0.85	—	—	—	—	—	81.02
	Yu	35.68	47.75	6.22	—	471.09	8.05	—	—	233.94	—	—	—	—	—	802.73
39	Ikan Baja	8,071.99	30.25	—	—	12.28	—	—	—	—	—	—	—	—	—	8,114.52
	Ikan Campur	479.48	4,792.10	307.26	8.27	1,322.39	927.83	—	595.33	404.11	—	—	—	—	—	8,836.77
	Jebong	8.30	—	—	—	—	—	—	4.72	—	—	—	—	—	—	13.02
42	Ketam	58.15	—	—	—	—	—	—	40.77	—	—	—	—	—	—	98.92
45	Udang Karang/Lobok	61.46	—	—	—	—	—	—	6.36	—	—	—	—	—	—	67.82
	Udang Besar	174.46	—	—	—	114.46	—	—	—	—	—	—	—	—	—	288.92
	Udang Sedang	163.58	—	—	—	93.58	—	—	—	—	—	—	—	—	—	257.16
	Udang Kecil	318.27	—	—	—	100.12	—	—	—	—	—	—	—	—	—	418.39
	Udang Baring	—	—	—	7,355.48	—	—	—	—	—	—	—	—	—	—	7,355.48
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	0.12
	Sotong Katak	123.23	—	—	—	—	—	—	371.10	—	—	—	—	—	—	494.33
	Sotong Biasa	183.80	140.70	—	—	0.85	—	—	2.66	—	—	—	—	—	2,790.68	3,118.69
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jumlah Ton M. Total M. Tonnes	11,388.27	56,063.42	5,378.78	7,396.08	23,968.13	18,806.72	—	4,186.56	10,455.55	—	—	—	—	2,790.68	140,434.19

PAHANG

TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish	Pukat Tunda Trawl Net	Pukat-pukat Tarik/Seine Nets				Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Perangkap-perangkap Traps		Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscel- laneous	Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name		Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Belat- belat Stationary			Bubu Portable								
	Species																
24	Kebasi/Selangat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puput/B. Mata/Tirok	6.11	—	—	—	12.41	—	—	—	—	—	—	—	—	—	—	18.52
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—	—	7.86	51.30	—	—	—	—	—	—	59.16
31	Lidah	12.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.28
	Sebelah	12.04	—	—	—	1.21	—	—	—	—	—	—	—	—	—	—	13.25
33	Bayan	0.91	—	—	—	4.35	—	—	141.81	—	—	—	—	—	—	—	147.07
	Biji Nangka	2.91	—	—	0.18	—	—	—	6.05	—	—	—	—	—	—	—	9.14
	Daun Baharu	12.57	—	—	—	0.06	—	—	8.59	—	—	—	—	—	—	—	21.22
	Delah	0.06	—	—	—	57.23	—	—	256.69	—	—	—	—	—	—	—	313.98
	Duri/Pulutan/Utik	64.25	385.48	—	1.76	199.99	2.12	0.12	—	243.80	—	—	—	—	—	—	897.52
	Dengkis/Debam	9.31	—	—	—	1.99	0.24	—	43.44	13.13	—	—	—	—	—	—	68.11
	Gelama/Tengkerong	89.55	—	5.75	1.70	176.90	27.40	—	—	292.26	—	—	—	—	—	—	593.56
	Gerut-gerut	3.63	—	—	0.06	38.54	1.03	—	67.69	467.57	—	—	—	—	—	—	578.52
	Jenahak	—	—	—	—	0.73	—	—	1.03	8.10	—	—	—	—	—	—	9.86
	Kaci	7.86	—	—	2.18	15.01	1.09	—	113.97	163.88	—	—	—	—	—	—	303.99
	Kerapu	0.84	—	—	—	32.43	15.00	—	163.63	861.78	—	—	—	—	—	—	1,073.68
	Kerisi	275.39	—	—	1.93	57.41	15.61	—	89.41	1,454.84	—	—	—	—	—	—	1,894.59
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	52.74	0.12	21.23	—	10.41	7.32	—	—	—	—	—	—	—	—	—	91.82
	Malong	0.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.48
	Merah	17.54	—	—	—	1.51	—	—	258.55	364.98	—	—	—	—	—	—	642.58
	Mengkerong/Conor/Ubi	27.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	27.47
	Remong/Kunyit-kunyit	12.71	—	—	2.54	10.34	0.54	—	100.36	5.15	—	—	—	—	—	—	131.64
	Semilang	8.77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.77
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Puntong Damar/Bulus	199.33	—	—	9.75	141.38	2.48	—	—	5.87	—	—	—	—	—	—	358.81
	Pasir-pasir	20.37	—	—	2.42	120.08	—	—	47.67	121.48	—	—	—	—	—	—	312.02
34	Alu-alu/Kacang-kacang	29.39	27.81	—	—	42.55	0.18	—	9.19	138.42	—	—	—	—	—	—	247.54

	Aruan Tasik	3.70	—	—	—	88.56	—	—	174.83	481.43	—	—	—	—	—	748.52
	Bawal	4.59	—	—	—	65.45	0.18	—	—	—	—	—	—	—	—	70.22
	Belanak/Kedera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cermin/Sagai/Cupak	26.61	—	—	0.30	63.77	6.17	—	94.50	3.02	—	—	—	—	—	194.37
	Cencaru	0.36	5.32	—	—	55.48	2.30	—	—	—	—	—	—	—	—	63.46
	Demudok/Rambai	0.67	—	—	—	70.12	3.02	—	128.68	237.51	—	—	—	—	—	440.00
	Kurau/Senangin/Senohong	0.72	—	—	—	71.57	—	—	—	5.20	—	—	—	—	—	77.49
	Pelata/Selar	16.02	115.24	—	0.91	190.10	60.08	—	1.15	1,143.00	—	—	—	—	—	1,526.50
	Selar Kuning/Lolong	374.06	269.69	—	3.26	19.90	1,192.74	3.87	—	—	—	—	—	—	—	1,863.52
	Selayang/Curut	0.91	47.80	—	—	—	35.64	—	—	407.13	—	—	—	—	—	491.48
	Pisang-pisang	6.95	—	—	—	3.03	—	—	—	—	—	—	—	—	—	9.98
	Talang	2.35	9.56	2.18	1.15	58.56	0.96	—	—	—	—	—	—	—	—	74.76
35	Bilis	—	—	1,752.19	—	—	—	84.09	—	—	—	—	—	—	—	1,836.28
	Parang-parang	15.90	—	—	1.03	515.31	2.78	—	—	12.95	—	—	—	—	—	547.97
	Tamban	0.66	393.35	259.58	—	—	140.38	69.27	—	—	—	—	—	—	—	863.24
	Bulan-bulan	69.37	—	—	—	—	—	—	—	—	—	—	—	—	—	69.37
36	Aya/Kayu/Tongkol	—	75.57	—	—	161.23	—	—	—	221.34	—	—	—	—	—	458.14
	Layaran/Mersuji	—	—	—	—	33.87	—	—	—	251.06	—	—	—	—	—	284.93
37	Kembong/Temenong	18.57	681.31	—	0.59	762.81	46.28	—	—	109.20	—	—	—	—	—	1,618.76
	Tenggiri	24.80	—	—	—	728.20	1.03	—	125.54	943.48	—	—	—	—	—	1,823.05
	Timah/Layor/Selayor	8.70	0.06	—	—	29.46	—	—	—	—	—	—	—	—	—	38.22
38	Pari	189.30	—	—	0.54	76.88	—	—	—	47.84	—	—	—	—	—	314.56
	Yu	51.01	—	—	—	287.58	1.03	—	—	21.66	—	—	—	—	—	361.28
39	Ikan Baja	4,614.53	—	248.09	—	—	—	30.85	—	—	—	—	—	—	—	4,893.47
	Ikan Campur	158.90	53.86	250.42	26.17	175.49	81.04	62.12	163.81	390.26	—	—	—	—	—	1,362.07
	Jebong	0.30	—	—	—	—	—	—	3.51	—	—	—	—	—	—	3.81
42	Ketam	171.30	—	—	—	126.25	—	—	47.80	—	—	—	—	—	—	345.35
45	Udang Karang/Lobok	28.43	—	—	—	0.85	—	—	—	—	—	—	—	—	—	29.28
	Udang Besar	66.50	—	—	—	116.79	—	—	—	—	—	—	—	—	—	183.29
	Udang Sedang	134.79	—	—	—	172.72	—	—	—	—	—	—	—	—	—	307.51
	Udang Kecil	152.28	—	—	—	91.53	—	—	—	—	—	—	—	—	—	243.81
	Udang Baring	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—	—	—	—	—	—	—	53.42	—	53.42
	Siput/Kepah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sotong Katak	250.17	—	—	—	1.03	—	2.48	24.50	—	—	—	—	—	—	278.18
	Sotong Biasa	577.31	4.29	—	—	—	—	13.25	—	—	—	—	—	—	—	594.85
76	Ubur-ubur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JUMLAH TON M. TOTAL M. TONNES		7,836.27	2,069.46	2,539.44	56.47	4,891.07	1,646.64	266.05	2,080.26	8,467.64	—	—	—	53.42	—	29,906.72

JOHOR TIMUR/EAST JOHORE
TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN JENIS IKAN, 1981
LANDINGS OF MARINE FISH BY GEAR GROUP AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Jenis Ikan Type of Fish	Pukat Tunda Trawl Nets	Pukat-pukat Tarik/Seine Nets					Perangkap-perangkap Traps								Jumlah Ton M. Total M. Tonnes
	Nama Tempatan Local Name		Pukat Jerut Ikan Purse Seine Fish	Pukat Jerut Bilis Purse Seine Anchovy	Lain Pukat Tarik Other Seines	Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	Belat- belat Stationary	Bubu Portable	Pancing Hooks and Lines	Pukat Bakul Bag Nets	Pukat Rentang Barrier Nets	Pukat Surung Push/Scoop Nets	Memungut Siput Shellfish Collection	Rampaian Miscel- laneous	
Species																
24	Kebasi/Selangat	33.34	—	—	—	1.99	—	—	—	—	5.45	—	—	—	—	40.78
	Puput/B. Mata/Tirok .. .	43.37	—	—	—	11.61	—	—	—	—	1.94	—	—	—	—	56.92
	Terubok	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	Siakap	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06
31	Lidah	7.50	—	—	—	0.66	—	—	—	—	0.73	—	—	—	—	8.89
	Sebelah	24.56	—	—	—	0.78	—	—	—	—	1.09	—	—	—	—	26.43
33	Bayan	0.06	—	—	—	—	—	7.99	39.14	—	—	—	—	—	—	47.19
	Biji Nangka	166.60	—	—	—	—	—	—	4.00	—	—	—	—	—	—	170.60
	Daun Baharu	5.74	—	—	—	0.30	—	—	0.48	—	—	—	—	—	—	6.52
	Delah	—	—	—	173.81	—	—	—	35.76	49.19	—	—	—	—	12.04	270.80
	Duri/Pulutan/Utik .. .	78.53	0.42	—	—	281.49	—	4.11	0.54	123.60	12.40	—	—	—	—	501.09
	Dengkis/Debam	71.93	—	—	—	2.48	—	—	44.47	—	1.39	—	—	—	—	120.27
	Gelama/Tengkerong .. .	403.76	—	—	—	14.64	—	0.36	—	0.91	55.91	—	—	—	—	475.58
	Gerut-gerut	1.57	—	—	—	1.57	—	—	—	—	—	—	—	—	—	3.14
	Jenahak	20.27	—	—	—	0.18	—	—	5.62	1.63	—	—	—	—	—	27.70
	Kaci	26.79	—	—	—	0.12	—	—	27.83	2.12	—	—	—	—	—	56.86
	Kerapu	29.29	—	—	—	0.42	—	0.24	98.18	32.78	9.38	—	—	—	—	170.29
	Kerisi	877.73	—	—	—	—	—	—	0.24	12.10	—	—	—	—	—	890.07
	Kerisi Bali	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kikek	75.98	6.72	—	—	6.79	—	7.93	—	2.60	21.72	—	—	—	—	121.74
	Malong	0.60	—	—	—	6.95	—	—	—	12.28	—	—	—	—	—	19.83
	Merah	102.36	—	—	—	0.73	—	1.15	21.30	82.59	—	—	—	—	—	208.13
	Mengkerong/Conor/Ubi ..	5.19	—	—	—	—	—	—	—	—	0.42	—	—	—	—	5.61
	Remong/Kunyit-kunyit ..	49.30	0.36	—	—	—	—	—	1.46	—	—	—	—	—	—	51.12
	Semilang	—	—	—	—	1.51	—	—	—	11.92	9.19	—	—	—	—	22.62
	Shrumbu/Lemah	—	—	—	—	—	—	—	—	—	2.66	—	—	—	—	2.66
	Puntong Damar/Bulus .. .	107.91	—	—	—	—	—	—	1.03	—	—	—	—	—	—	108.94
	Pasir-pasir	90.38	—	—	—	—	—	—	—	—	—	—	—	—	—	90.38

[illegible]

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

PENDARATAN UDANG BAGI TAHUN 1967-1981

PRAWN LANDINGS FOR THE YEAR 1967-1981

(Kuantiti Dalam Ton M./Quantity in M. Tonnes)

Tahun Year	Pantai Barat/West Coast								Jumlah Kecil Sub-Total	Pantai Timur/East Coast				Jumlah Kecil Sub-Total	Jumlah Besar Grand Total
	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Johor Barat West Johore		Kelantan	Trengganu	Pahang	Johor Timur East Johore		
1967	96.6	382.5	1,563.6	9,562.3	10,266.0	10.6	36.8	1,698.4	23,616.8	205.4	338.2	247.3	990.7	1,781.6	25,398.4
1968	64.2	653.9	2,532.0	14,681.1	7,905.4	5.6	80.2	784.6	26,707.0	256.7	281.6	273.7	1,698.2	2,510.2	29,217.2
1969	54.7	825.6	3,912.0	16,084.7	8,206.9	8.9	143.8	901.9	30,138.5	188.1	182.4	253.9	1,018.0	1,842.4	31,780.9
1970	99.0	673.3	4,857.5	17,403.3	13,958.5	20.7	168.5	963.7	38,144.5	422.0	207.6	435.9	2,104.3	3,169.8	41,314.3
1971	81.5	1,228.7	7,141.5	17,885.3	18,932.0	16.4	92.9	1,309.5	46,687.8	406.1	241.8	550.4	1,358.3	2,556.6	49,244.4
1972	150.4	1,652.1	7,827.7	16,589.2	8,813.5	6.2	40.3	1,870.0	36,949.4	303.7	280.1	764.8	1,440.6	2,789.2	39,738.6
1973	855.4	2,352.1	9,032.7	17,802.3	13,510.2	6.2	61.1	1,940.3	45,560.3	136.1	421.7	572.2	1,393.5	2,523.5	48,083.8
1974	1,592.0	2,667.5	7,789.3	19,977.1	14,122.8	4.9	44.8	2,432.3	48,630.7	222.1	357.4	849.8	1,753.5	3,182.8	51,813.5
1975	1,150.2	3,084.5	6,736.4	17,037.0	7,671.4	15.3	43.6	2,228.9	37,967.3	379.5	550.2	772.0	1,332.1	3,033.8	41,001.1
1976	654.6	5,365.0	5,703.6	16,934.3	12,223.8	18.9	41.6	2,639.7	43,581.5	229.1	752.1	813.7	2,274.9	4,069.8	47,651.3
1977	1,335.6	8,424.9	4,016.2	21,437.5	12,831.0	20.0	58.1	2,864.1	50,987.4	350.7	1,112.5	881.2	1,252.7	3,597.1	54,584.5
1978	2,204.7	7,085.6	3,101.1	25,839.0	22,153.7	15.3	77.1	2,540.9	63,017.4	225.2	1,050.3	988.8	2,266.6	4,530.9	67,548.3
1979	2,396.5	4,213.0	3,128.6	23,205.9	20,020.3	29.5	108.0	3,583.3	56,685.1	255.8	797.3	767.0	1,919.9	3,740.0	60,425.1
1980	2,272.0	6,781.8	4,419.5	21,544.8	12,943.9	48.6	154.0	2,918.5	51,083.1	448.1	677.0	1,137.8	1,450.5	3,713.4	54,796.5
1981	1,545.1	8,372.2	3,799.6	21,361.4	7,095.2	68.1	132.1	3,148.7	45,522.4	255.0	1,032.3	763.9	2,037.0	4,088.2	49,610.6

PENDARATAN PUKAT TUNDA DI SEMENANJUNG MALAYSIA, 1977-1981

TRAWL LANDINGS IN PENINSULAR MALAYSIA, 1977-1981

(Kuantiti Dalam Ton M./Quantity in M. Tonnes)

	1977				1978				1979				1980				1981			
Negeri State	Jumlah Tangkapan Total Landings	Ikan Fish	Udang Prawn	Baja Manure Fish	Jumlah Tangkapan Total Landings	Ikan Fish	Udang Prawn	Baja Manure Fish	Jumlah Tangkapan Total Landings	Ikan Fish	Udang Prawn	Baja Manure Fish	Jumlah Tangkapan Total Landings	Ikan Fish	Udang Prawn	Baja Manure Fish	Jumlah Tangkapan Total Landings	Ikan Fish	Udang Prawn	Baja Manure Fish
Perlis	7,966	1,095	1,193	5,678	10,456	913	2,067	7,476	10,506	1,111	2,201	7,194	10,501	1,348	2,065	7,088	8,489	1,221	1,426	5,842
Kedah	58,687	26,039	7,690	24,958	54,181	24,078	6,469	23,634	51,628	18,682	3,329	29,617	72,273	20,718	5,019	46,536	111,920	33,265	6,266	72,389
Pulau Pinang Penang	4,989	1,798	923	2,268	3,531	1,763	407	1,361	5,409	1,996	1,007	2,406	5,487	1,813	902	2,772	4,984	1,995	586	2,403
Perak	66,451	19,597	16,393	30,461	81,845	29,788	17,170	34,887	66,689	19,265	10,352	37,072	45,463	15,909	7,196	22,358	40,740	12,926	7,633	20,181
Selangor	82,335	20,812	10,914	50,609	80,536	24,279	17,550	38,707	66,105	19,827	15,550	30,728	51,899	13,609	9,482	28,808	25,432	5,650	3,796	15,986
Negeri Sembilan ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Melaka Malacca	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kelantan	1,055	490	308	257	1,462	1,033	132	297	1,638	1,127	155	356	2,240	1,503	220	517	1,154	864	122	168
Trengganu	20,022	9,585	1,062	9,375	18,175	7,670	1,020	9,485	16,947	6,278	735	9,934	8,460	3,143	481	4,836	11,388	2,598	718	8,072
Pahang	8,264	1,670	861	5,733	9,375	1,879	971	6,525	10,521	2,347	739	7,435	11,685	2,641	864	8,180	7,836	2,839	382	4,615
Johor Timur East Johore	5,262	2,646	890	1,726	20,660	13,926	1,674	5,060	18,333	8,324	1,451	8,558	10,921	5,585	1,121	4,215	13,959	6,284	1,376	6,299
Johor Barat West Johore	6,094	1,589	1,963	2,542	4,798	1,364	1,372	2,062	10,424	3,534	2,440	4,450	8,351	2,185	2,116	4,050	8,370	1,915	2,300	4,155
Jumlah Total	261,125	85,321	42,197	133,607	285,019	106,693	48,832	129,494	258,200	82,491	37,959	137,750	227,280	68,454	29,466	129,360	234,272	69,557	24,605	140,110

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
TANGKAPAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN NEGERI, 1981
LANDINGS BY TRAWLERS BY TONNAGE AND STATE, 1981

Ukuran Muatan Tonnage	Negeri State	Pantai Barat/West Coast								Pantai Timur/East Coast				Jumlah Kecil Sub-Total	Jumlah Besar Ton M. Grand Total M. Tonnes	
		Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor Barat West Johore	Jumlah Kecil Sub-Total	Kelantan	Trengganu	Pahang			Johor Timur East Johore
0 — 9.9 Tons		2,573.78	3,928.27	—	6,347.21	7,525.40	—	—	3460.04	23,834.70	—	1,900.65	1,492.98	221.19	3,614.82	27,449.52
10 — 24.9 Tons .. .		2,766.64	13,464.90	—	6,523.03	6,408.83	—	—	4,736.08	33,899.48	915.18	7,619.95	1,280.28	2,931.40	12,746.81	46,646.29
25 — 39.9 Tons .. .		2,798.64	72,715.12	4,657.46	15,697.58	10,595.23	—	—	173.87	106,637.90	238.36	1,836.34	3,908.02	5,558.69	11,541.41	118,179.31
40 — 69.9 Tons .. .		349.87	21,811.32	326.62	12,172.29	902.09	—	—	—	35,562.19	—	31.33	1,150.15	5,188.94	6,370.42	41,932.61
70 Tons dan lebih .. 70 Tons and above		—	—	—	—	—	—	—	—	—	—	—	4.84	58.98	63.82	63.82
Jumlah Ton M. Total M. Tonnes		8,488.93	111,919.61	4,984.08	40,740.11	25,431.55	—	—	8,369.99	199,934.27	1,153.54	11,388.27	7,836.27	13,959.20	34,337.28	234,271.55

SEMENANJUNG MALAYSIA /PENINSULAR MALAYSIA
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH , 1981

ISSCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	6,363	3,067	1,775	1,179	335	7
	No. of trips	1,753,475	908,662	4,869,29	289,490	68,224	170
	No. of days	1,857,920	909,877	5,268.64	334,046	86,863	270
	No. of hauls	4,992,316	2,437,023	14,281.82	810,417	216,226	488
	No. of trawling hours	14,668,014	7,162,899	4,175,136	2,683,617	644,898	1,464
Species:							
		M. Tonnes:					
24	Kebasi/Selangat	501.23	19.23	87.70	289.05	105.25	—
	Puput/B. Mata/Tirok	383.70	41.17	102.26	182.23	57.98	0.06
	Terubok	1.51	—	0.30	1.15	0.06	—
25	Siakap	1.08	0.24	0.42	0.12	0.30	—
31	Lidah	2,409.33	179.37	988.04	973.78	268.08	0.06
	Sebelah	260.71	30.79	54.07	134.32	41.35	0.18
33	Bayan	2.67	0.49	0.85	0.90	0.25	0.18
	Biji Nangka	805.12	53.79	267.21	290.46	193.54	0.12
	Daun Baharu	50.41	10.55	12.73	18.27	8.76	—
	Delah	29.03	—	—	24.38	4.85	—
	Duri/Pulutan/Utik	694.45	52.93	94.01	437.90	109.49	0.12
	Dengkis/Debam	111.60	2.54	23.59	43.85	41.38	0.24
	Gelama/Tengkerong	4,631.24	322.80	1,104.60	2,401.41	801.76	0.67
	Gerut-gerut	412.34	13.79	42.47	246.28	109.80	—
	Jenahak	240.56	0.18	7.87	164.18	67.00	1.33
	Kaci	97.57	0.24	5.30	55.09	36.58	0.36
	Kerapu	785.52	47.14	122.73	389.62	225.18	0.85
	Kerisi	7,209.65	94.12	1,400.95	3,587.19	2,123.45	3.94
	Kerisi Bali	56.31	—	1.45	35.62	19.24	—
	Kikek	418.28	36.83	157.64	110.59	113.22	—
	Malong	1,090.86	147.68	335.50	496.70	110.98	—
	Merah	683.88	8.60	82.39	344.66	245.09	3.14
	Mengkerong/Conor/Ubi	1,258.11	23.78	450.58	464.26	319.49	—
	Remong/Kunyit-kunyit	204.41	11.60	62.05	78.80	51.96	—
	Semilang	240.37	36.85	10.27	160.01	33.24	—
	Shrumbu/Lamah	2.30	—	—	2.30	—	—
	Puntong Damar/Bulus	544.76	44.61	122.61	241.28	136.26	—
	Pasir-pasir	110.75	0.85	12.43	51.62	45.85	—
34	Alu-alu/Kacang-kacang	894.68	13.78	170.55	482.75	227.48	0.12
	Aruan Tasik	87.74	—	6.29	65.80	15.65	—
	Bawal	1,599.16	38.88	180.87	1,133.82	243.11	2.48
	Belanak/Kedera	525.21	17.35	57.00	340.33	110.53	—
	Cerniv/Sagai/Cupak	161.33	9.31	54.64	62.31	34.41	0.66
	Cencaru	1,010.17	2.54	34.33	688.17	284.95	0.18
	Demudok/Rambai	596.36	0.48	24.13	309.93	261.70	0.12
	Kurau/Senangin/Senohong	197.58	20.99	75.79	85.47	15.33	—
	Pelata/Selar	605.25	5.63	26.92	368.78	203.80	0.12
	Selar Kuning/Lolong	2,575.33	8.21	350.66	1,178.49	1,037.18	0.79
	Selayang/Curut	229.11	—	3.45	47.81	177.85	—
	Pisang-pisang	46.95	5.93	27.10	10.95	2.97	—
	Talang	159.85	0.49	3.61	127.09	28.66	—
35	Billis	75.18	5.68	21.92	25.15	22.43	—
	Parang-parang	1,193.25	39.57	224.13	628.35	300.90	0.30
	Tamban	1,104.38	27.66	62.80	658.37	355.55	—
	Bulan-bulan	69.37	4.42	3.01	51.36	9.98	0.60
36	Aya/Kayu/Tongkol	11.80	—	3.81	6.11	1.88	—
	Layaran/Mersuji	49.12	—	0.97	24.86	23.29	—
37	Kembong/Temenong	14,051.61	23.29	248.49	10,160.46	3,619.31	0.06
	Tenggiri	823.44	6.66	36.64	552.09	227.81	0.24
	Timah/Layar/Selayor	1,597.20	18.38	342.23	877.08	359.39	0.12
38	Pari	1,546.50	124.72	462.94	683.87	274.67	0.30
	Yu	707.15	23.64	114.03	416.28	153.20	—
39	Ikan Baja	140,110.06	15,108.56	27,042.73	74,429.44	23,489.64	39.69
	Ikan Campur	2,200.77	280.55	710.20	753.99	455.91	0.12
	Jebong	209.37	4.95	22.79	108.07	75.56	—
42	Ketam	1,375.51	242.78	359.56	543.60	228.84	0.73
45	Udang Karang/Lobok	114.24	11.60	45.74	42.35	14.43	0.12
	Udang Besar	1,705.85	256.40	629.30	591.18	228.67	0.30
	Udang Sedang	7,145.74	2,808.07	2,073.38	1,803.00	460.26	1.03
	Udang Kecil	15,638.83	5,945.45	5,620.62	3,302.61	770.15	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	357.42	8.59	134.54	133.20	81.03	0.06
	Sotong Katak	2,591.46	283.98	662.89	1,170.31	493.85	0.43
	Sotong Biasa	8,858.36	293.40	1,068.37	4,926.83	2,365.76	4.00
76	Ubur-ubur	1,008.47	647.31	189.84	165.03	6.29	—
Total		234,271.55	27,449.52	46,646.29	118,179.31	41,932.61	63.82

PANTAI BARAT, SEMENANJUNG MALAYSIA
WEST COAST, PENINSULAR MALAYSIA

**USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981**
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH , 1981

ISSCAAP GROUP NO.	Fishing Effort	Total	TONNAGE CLASS				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	5,321	2,725	1,370	972	254	—
	No. of trips	1,492,406	813,055	380,159	245,239	53,953	—
	No. of days	1,576,500	813,892	414,331	279,850	68,427	—
	No. of hauls	4,258,162	2,182,620	1,127,442	776,683	171,417	—
	No. of trawling hours	12,696,816	6,513,315	3,380,796	2,288,454	514,251	—
	<i>Species:</i>	<i>M. Tonnes:</i>					
24	Kebasi/Selangat	467.89	17.00	75.96	275.98	98.95	—
	Puput/B. Mata/Tirok	334.22	38.09	88.87	165.53	41.73	—
	Terubok	1.51	—	0.30	1.15	0.06	—
25	Siakap	1.02	0.24	0.42	0.06	0.30	—
31	Lidah	2,335.34	165.90	949.94	957.79	261.71	—
	Sebelah	169.95	19.43	10.41	107.70	32.41	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	404.04	26.31	69.74	170.11	137.88	—
	Daun Baharu	19.59	7.19	3.08	5.15	4.17	—
	Delah	28.97	—	—	24.38	4.59	—
	Duri/Pulutan/Utik	519.66	48.88	62.16	322.85	85.77	—
	Dengkis/Debam	11.13	—	—	10.83	0.30	—
	Gelama/Tengkerong	3,939.29	265.39	846.95	2,169.64	657.31	—
	Gerut-gerut	385.56	11.13	27.59	239.40	107.44	—
	Jenahak	219.75	0.18	6.12	156.97	56.48	—
	Kaci	60.80	—	0.48	39.52	20.80	—
	Kerapu	709.72	42.08	88.56	367.32	211.76	—
	Kerisi	5,466.25	31.09	890.52	2,889.14	1,655.50	—
	Kerisi Bali	36.05	—	1.27	15.54	19.24	—
	Kikek	115.57	—	1.21	29.69	84.67	—
	Malong	1,089.36	147.68	334.84	496.22	110.62	—
	Merah	506.64	0.67	23.52	291.55	190.90	—
	Mengkerong/Conor/Ubi	1,182.14	19.12	421.25	431.72	310.05	—
	Remong/Kunyit-kunyit	59.04	—	0.54	27.41	31.09	—
	Semilang	231.24	36.85	9.91	151.24	33.24	—
	Shrumbu/Lemah	0.42	—	—	0.42	—	—
	Puntong Damar/Bulus	139.58	4.32	21.77	79.05	34.44	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	637.60	5.51	53.01	396.11	182.97	—
	Aruan Tasik	83.44	—	6.23	63.14	14.07	—
	Bawal	1,516.01	35.99	164.89	1,099.73	215.40	—
	Belanak/Kedera	525.21	17.35	57.00	340.33	110.53	—
	Cermin/Sagai/Cupak	36.90	2.17	11.73	16.94	6.06	—
	Cencaru	1,008.97	2.54	34.27	687.75	284.41	—
	Demudok/Rambai	573.20	—	15.61	300.74	256.85	—
	Kurau/Senangin/Senohong	196.74	20.69	75.79	85.05	15.21	—
	Pelata/Selar	517.31	5.27	11.31	329.79	170.94	—
	Selar Kuning/Lolong	365.18	2.59	16.95	190.89	154.75	—
	Selayang/Curut	223.49	—	—	46.18	177.31	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	156.80	0.13	3.43	125.22	27.82	—
35	Billis	52.01	5.26	13.68	15.48	17.59	—
	Parang-parang	1,082.77	27.04	179.59	593.33	282.81	—
	Tamban	1,086.91	27.30	59.35	648.46	351.80	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	11.58	—	3.57	6.11	1.88	—
	Layaran/Mersuji	49.00	—	0.97	24.74	23.29	—
37	Kembong/Temenong	14,013.80	23.17	243.83	10,140.99	3,605.81	—
	Tenggiri	782.86	5.39	27.52	534.01	215.94	—
	Timah/Layor/Selayor	1,470.64	13.17	267.23	846.22	344.02	—
38	Pari	1,161.29	87.84	366.73	498.88	207.84	—
	Yu	549.93	9.38	61.29	364.05	115.21	—
39	Ikan Baja	120,956.33	12,711.24	19,181.64	68,413.99	20,649.46	—
	Ikan Campur	1,339.36	164.02	243.45	545.70	386.19	—
	Jebong	189.03	3.93	16.44	98.42	70.24	—
42	Ketam	1,009.07	127.80	234.68	463.31	183.28	—
45	Udang Karang/Lobok	1.68	—	—	1.02	0.66	—
	Udang Besar	1,184.56	194.61	437.47	437.24	115.24	—
	Udang Sedang	6,481.99	2,694.20	1,805.58	1,630.29	351.92	—
	Udang Kecil	14,338.44	5,766.69	5,103.74	2,954.78	513.23	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	346.89	8.47	132.30	129.39	76.73	—
	Sotong Katak	1,920.60	165.98	454.76	927.57	372.29	—
	Sotong Biasa	6,621.70	178.11	490.19	4,090.66	1,862.74	—
76	Ubur-ubur	1,008.47	647.31	189.84	165.03	6.29	—
	TOTAL	199,934.27	23,834.70	33,899.48	106,637.90	35,562.19	—

PANTAI TIMUR, SEMENANJUNG MALAYSIA
EAST COAST, PENINSULAR MALAYSIA

**USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981**
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Fishing Effort	Total	TONNAGE CLASS				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	1,042	342	405	207	81	7
	No. of trips	261,069	95,6070	106,770	44,251	14,271	170
	No. of days	281,420	95,985	112,533	54,196	18,436	270
	No. of hauls	734,154	254,403	300,740	133,734	44,809	468
	No. of trawling hours	1,971,198	649,584	794,340	395,163	130,647	1,464
	<i>Species:</i>	<i>M. Tonnes:</i>					
24	Kebasi/Selangat	33.34	2.23	11.74	13.07	6.30	—
	Puput/B. Mata/Tirok	49.48	3.08	13.39	16.70	16.25	0.06
	Terubok	—	—	—	—	—	—
25	Siakap	0.06	—	—	0.06	—	—
31	Lidah	73.99	13.47	38.10	15.99	6.37	0.06
	Sebelah	90.76	11.36	43.66	26.62	8.94	0.18
33	Bayan	2.67	0.49	0.85	0.90	0.25	0.18
	Biji Nangka	401.08	27.48	197.47	120.35	55.66	0.12
	Daun Baharu	30.82	3.46	9.65	13.12	4.59	—
	Delah	0.06	—	—	—	0.06	—
	Duri/Pulutan/Utik	174.79	4.05	31.85	115.05	23.72	0.12
	Dengkis/Debam	100.47	2.54	23.59	33.02	41.08	0.24
	Gelama/Tengkerong	691.95	57.41	257.65	231.77	144.45	0.67
	Gerut-gerut	26.78	2.66	14.88	6.88	2.36	—
	Jenahak	20.81	—	1.75	7.21	10.52	1.33
	Kaci	36.77	0.24	4.82	15.57	15.78	0.36
	Kerapu	75.80	5.06	34.17	22.30	13.42	0.85
	Kerisi	1,743.40	63.03	510.43	688.05	467.95	3.94
	Kerisi Bali	20.26	—	0.18	20.08	—	—
	Kikek	302.71	36.83	156.43	80.90	28.55	—
	Malong	1.50	—	0.66	0.48	0.36	—
	Merah	177.24	7.93	58.87	53.11	54.19	3.14
	Mengkerong/Conor/Ubi	75.97	4.66	29.33	32.54	9.44	—
	Remong/Kunyit-kunyit	145.37	11.60	61.51	51.39	20.87	—
	Semilang	9.13	—	0.36	8.77	—	—
	Shrumbu/Lamah	1.88	—	—	1.88	—	—
	Puntong Damar/Bulos	405.18	40.29	100.84	162.23	101.82	—
	Pasir-pasir	110.75	0.85	12.43	51.62	45.85	—
34	Alu-alu/Kacang-kacang	257.08	8.27	117.54	86.64	44.51	0.12
	Aruan Tasik	4.30	—	0.06	2.66	1.58	—
	Bawal	83.15	2.89	15.98	34.09	27.71	2.48
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	124.43	7.14	42.91	45.37	28.35	0.66
	Cencaru	1.20	—	0.06	0.42	0.54	0.18
	Demudok/Rambai	23.16	0.48	8.52	9.19	4.85	0.12
	Kurau/Senangin/Senohong	0.84	0.30	—	0.42	0.12	—
	Pelata/Selar	87.94	0.36	15.61	38.99	32.86	0.12
	Selar Kuning/Lolong	2,210.15	5.62	333.71	987.60	882.43	0.79
	Selayang/Curut	5.62	—	3.45	1.63	0.54	—
	Pisang-pisang	46.95	5.93	27.10	10.95	2.97	—
	Talang	3.25	0.36	0.18	1.87	0.84	—
35	Blilis	23.17	0.42	8.24	9.67	4.84	—
	Parang-parang	110.48	12.53	44.54	35.02	18.09	0.30
	Tamban	17.47	0.36	3.45	9.91	3.75	—
	Bulan-bulan	69.37	4.42	3.01	51.36	9.98	0.60
36	Aya/Kayu/Tongkol	0.24	—	0.24	—	—	—
	Layaran/Mersuji	0.12	—	—	0.12	—	—
37	Kembong/Temenong	37.81	0.12	4.66	19.47	13.50	0.06
	Tenggiri	40.58	1.27	9.12	18.08	11.87	0.24
	Timah/Layor/Selayor	125.56	5.21	75.00	30.86	15.37	0.12
38	Pari	385.21	36.88	96.21	184.99	66.83	0.30
	Yu	157.22	14.26	52.74	52.23	37.89	—
39	Ikan Baja	19,153.73	2,397.32	7,861.09	6,015.45	2,840.18	39.69
	Ikan Campur	861.41	116.53	466.75	208.29	69.72	0.12
	Jebong	20.34	1.02	6.35	7.65	5.32	—
42	Ketam	366.44	114.98	124.88	80.29	45.56	0.73
45	Udang Karang/Lobok	112.56	11.50	45.74	41.33	13.77	0.12
	Udang Besar	521.29	61.79	191.83	153.94	113.43	0.30
	Udang Sedang	663.75	113.87	267.80	172.71	108.34	1.03
	Udang Kecil	1,300.39	178.76	516.88	347.83	256.92	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	10.53	0.12	2.24	3.81	4.30	0.06
	Sotong Katak	670.86	98.00	208.13	242.74	121.56	0.43
	Sotong Biasa	2,036.66	115.29	578.18	836.17	503.02	4.00
76	Ubur-ubur	—	—	—	—	—	—
	TOTAL	34,337.28	3,614.82	12,746.81	11,541.41	6,370.42	63.82

PERLIS

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1981
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH , 1981

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	229	93	86	45	5	—
	No. of trips	42,003	20,739	14,964	5,670	630	—
	No. of days	53,128	21,576	19,952	10,440	1,160	—
	No. of hauls	159,384	64,728	59,856	31,320	3,480	—
	No. of trawling hours	478,152	194,184	179,568	93,960	10,440	—
<i>Species:</i>							
<i>M. Tonnes:</i>							
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	183.97	19.64	48.90	103.15	12.28	—
	Sebelah	7.75	—	—	4.82	2.93	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	—	—	—	—	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	144.46	2.28	21.47	112.71	8.00	—
	Gerut-gerut	24.74	—	—	16.80	7.94	—
	Jenahak	—	—	—	—	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	33.81	—	—	22.83	10.88	—
	Kerisi	32.30	—	—	24.63	7.67	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	—	—	—	—	—	—
	Malong	45.56	—	7.89	32.02	5.65	—
	Merah	—	—	—	—	—	—
	Mengkerong/Conor/Ubi	—	—	—	—	—	—
	Remong/Kunyt-kunyt	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	12.60	2.93	3.50	3.92	2.25	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	—	—	—	—	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	31.96	—	8.36	17.85	5.75	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	—	—	—	—	—	—
	Cencaru	—	—	—	—	—	—
	Demudok/Rambai	—	—	—	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	—	—	—	—	—	—
	Selar Kuning/Lolong	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—
	Parang-parang	147.49	11.32	46.80	79.94	9.43	—
	Tamban	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—
	Tenggiri	27.00	—	—	19.73	7.27	—
	Timah/Layor/Selayor	57.77	3.07	14.95	33.72	6.03	—
38	Pari	48.15	—	—	40.04	8.11	—
	Yu	—	—	—	—	—	—
	Ikan Baja	5,842.53	2,185.06	2,075.70	1,471.77	130.00	—
	Ikan Campur	38.96	11.70	13.38	9.86	4.02	—
	Jebong	—	—	—	—	—	—
42	Ketam	113.00	16.80	38.06	42.59	15.55	—
45	Udang Karang/Lobok	—	—	—	—	—	—
	Udang Besar	180.46	23.95	54.58	93.02	8.91	—
	Udang Sedang	456.98	111.24	143.51	180.88	21.35	—
	Udang Kecil	788.09	149.77	205.45	398.37	36.50	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	140.84	39.75	47.25	44.28	9.56	—
	Sotong Biasa	130.51	16.27	36.84	47.61	29.79	—
76	Ubur-ubur	—	—	—	—	—	—
TOTAL		8,488.93	2,573.78	2,766.64	2,798.64	349.87	—

KEDAH

USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN MUATAN DAN JENIS IKAN, 1981
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Fishing Effort	Total	TONNAGE CLASS				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	885	329	170	295	91	—
	No. of trips	239,811	87,514	46,580	81,420	24,297	—
	No. of days	239,811	87,514	46,580	81,420	24,297	—
	No. of hauls	719,433	262,542	139,740	244,260	72,891	—
	No. of trawling hours	2,080,629	753,081	417,690	691,185	218,673	—
Species:							
	M. Tonnes:						
24	Kebasi/Selangat	218.87	10.94	7.14	123.30	77.49	—
	Puput/B. Mata/Tirok	89.58	0.30	—	76.09	13.19	—
	Terubok	—	—	—	—	—	—
25	Siakap	0.30	—	—	—	0.30	—
31	Lidah	1,371.92	37.62	662.50	459.88	211.92	—
	Sebelah	110.05	11.98	7.21	76.88	13.98	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	3.69	—	—	2.97	0.72	—
	Daun Baharu	4.24	—	—	1.03	3.21	—
	Delah	1.64	—	—	1.46	0.18	—
	Duri/Pulutan/Utik	307.17	29.77	10.48	221.48	45.44	—
	Dengkis/Debam	0.18	—	—	—	0.18	—
	Gelama/Tengkerong	1,781.03	63.16	269.23	997.08	451.56	—
	Gerut-gerut	191.66	10.71	9.80	119.67	51.48	—
	Jenahak	86.95	—	—	70.54	16.41	—
	Kaci	25.17	—	—	25.05	0.12	—
	Kerapu	345.50	39.73	76.82	159.73	69.22	—
	Kerisi	2,606.64	31.09	848.65	1,342.34	384.56	—
	Kerisi Ball	—	—	—	—	—	—
	Kikek	2.95	—	—	0.42	2.53	—
	Malong	498.86	41.13	121.41	264.26	72.06	—
	Merah	87.30	0.24	0.54	66.67	19.85	—
	Mengkerong/Conor/Ubi	597.70	11.07	349.13	130.90	106.60	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	175.78	19.60	4.47	129.10	22.61	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	82.95	0.24	0.54	61.66	20.51	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	305.33	0.48	6.28	202.19	96.38	—
	Aruan Tasik	74.72	—	6.23	58.70	9.79	—
	Bawal	997.51	—	3.45	833.63	160.43	—
	Belanak/Kedera	253.12	—	—	170.35	82.77	—
	Cernin/Sagai/Cupak	—	—	—	—	—	—
	Cencaru	626.07	—	—	423.95	202.12	—
	Demudok/Rambai	168.07	—	0.42	74.66	92.99	—
	Kurau/Senangin/Senohong	14.05	—	0.72	5.93	7.40	—
	Peleta/Selar	303.22	—	1.69	191.65	109.88	—
	Selar Kuning/Lolong	107.53	—	—	79.04	28.49	—
	Selayang/Curut	32.00	—	—	17.67	14.33	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	137.69	—	—	110.35	27.34	—
35	Bilis	32.29	—	—	14.70	17.59	—
	Parang-parang	502.62	—	36.00	262.99	203.63	—
	Tamban	882.89	1.46	6.35	551.75	323.33	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	4.60	—	3.57	0.30	0.73	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	11,927.03	3.51	3.61	8,746.82	3,173.09	—
	Tenggiri	482.74	—	—	330.55	152.19	—
	Timah/Layor/Selayor	696.06	—	24.14	456.81	215.11	—
38	Pari	335.65	2.96	123.24	139.81	69.64	—
	Yu	218.04	—	5.75	161.95	48.34	—
39	Ikan Baja	72,388.76	2,286.22	8,589.76	49,096.38	12,416.40	—
	Ikan Campur	433.14	35.38	40.04	231.18	126.54	—
	Jebong	65.03	3.75	5.20	43.50	12.58	—
42	Ketam	480.39	39.56	89.78	222.13	128.92	—
45	Udang Karang/Lobok	—	—	—	—	—	—
	Udang Besar	555.33	41.37	211.31	210.47	92.18	—
	Udang Sedang	1,910.10	377.81	305.68	927.28	299.33	—
	Udang Kecil	3,800.76	726.13	1,203.69	1,446.33	424.61	—
	Udang Baring	—	—	—	—	—	—
	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	344.53	8.47	132.30	127.03	76.73	—
	Sotong Katak	804.94	43.61	209.25	345.06	207.02	—
	Sotong Biasa	4,447.27	49.98	88.52	2,901.45	1,407.32	—
76	Ubur-ubur	—	—	—	—	—	—
TOTAL		111,919.61	3,928.27	13,464.90	72,715.12	21,811.32	—

PULAU PINANG
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH, 1981

ISCAAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	176	—	—	152	24	—
	No. of trips	50,440	—	—	47,272	3,168	—
	No. of days	50,440	—	—	47,272	3,168	—
	No. of hauls	182,608	—	—	169,936	12,672	—
	No. of trawling hours	547,824	—	—	509,808	38,016	—
<i>Species:</i>							
		<i>M. Tonnes:</i>					
24	Kebasi/Selangat	27.42	—	—	24.30	3.12	—
	Puput/B. Mata/Tirok	21.42	—	—	19.59	2.83	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	71.84	—	—	67.58	4.26	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	36.91	—	—	33.54	3.37	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	21.49	—	—	21.43	0.06	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	355.71	—	—	333.65	22.06	—
	Gerut-gerut	11.70	—	—	9.80	1.90	—
	Jenahak	10.23	—	—	8.63	1.60	—
	Kaci	—	—	—	—	—	—
	Kerapu	20.20	—	—	18.62	1.58	—
	Kerisi	113.27	—	—	103.32	10.95	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	0.54	—	—	0.54	—	—
	Malong	64.77	—	—	63.20	1.57	—
	Merah	0.60	—	—	0.60	—	—
	Mengkerong/Conor/Ubl	76.22	—	—	71.18	5.04	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	1.21	—	—	1.21	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	2.93	—	—	2.33	0.60	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	56.55	—	—	52.58	3.97	—
	Belanak/Kedera	26.28	—	—	19.93	6.36	—
	Cermin/Sagai/Cupak	9.14	—	—	7.60	1.54	—
	Cencaru	5.13	—	—	4.89	0.24	—
	Demudok/Rambai	—	—	—	—	—	—
	Kurau/Senangin/Senchong	0.79	—	—	0.73	0.06	—
	Palata/Selar	14.95	—	—	13.25	1.70	—
	Selar Kuning/Lolong	—	—	—	—	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	—	—	—	—	—	—
35	Bilis	—	—	—	—	—	—
	Parang-parang	66.45	—	—	57.52	8.93	—
	Tamban	54.75	—	—	50.54	4.21	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	72.93	—	—	61.86	11.07	—
	Tenggiri	33.00	—	—	29.03	3.97	—
	Timah/Layor/Selayor	116.26	—	—	102.70	13.56	—
38	Pari	5.20	—	—	4.78	0.42	—
	Yu	13.19	—	—	12.64	0.55	—
39	Ikan Baja	2,403.32	—	—	2,260.44	142.88	—
	Ikan Campur	72.44	—	—	66.59	5.85	—
	Jebong	—	—	—	—	—	—
42	Ketam	85.19	—	—	80.50	4.69	—
45	Udang Karang/Lobok	—	—	—	—	—	—
	Udang Besar	29.89	—	—	29.47	0.42	—
	Udang Sedang	160.02	—	—	154.55	5.47	—
	Udang Kecil	395.76	—	—	383.89	11.87	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	2.36	—	—	2.36	—	—
	Sotong Katak	134.71	—	—	130.89	3.82	—
	Sotong Biasa	389.30	—	—	353.20	36.10	—
76	Ubur-ubur	—	—	—	—	—	—
Total		4,984.08	—	—	4,657.46	326.62	—

PERAK

**USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981**
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH, 1981

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	2,301	1,442	512	263	84	—
	No. of trips	618,147	432,600	127,488	46,551	11,508	—
	No. of days	693,624	432,600	156,672	78,900	25,452	—
	No. of hauls	1,633,815	1,077,174	382,464	139,653	34,524	—
	No. of trawling hours	4,901,445	3,231,522	1,147,392	418,959	103,572	—
<i>Species:</i>							
	<i>M. Tonnes:</i>						
24	Kebasi/Selangat	204.36	—	59.03	126.99	18.34	—
	Puput/B. Mata/Tirok	104.85	—	14.52	64.74	25.59	—
	Terubok	1.27	—	0.06	1.15	0.06	—
25	Siakap	0.30	—	0.24	0.06	—	—
31	Lidah	58.77	9.37	26.03	16.10	7.27	—
	Sebelah	39.58	5.93	2.90	18.87	13.88	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	302.29	—	38.11	130.39	133.79	—
	Daun Baharu	5.26	—	0.36	3.94	0.96	—
	Delah	27.33	—	—	22.92	4.41	—
	Duri/Pulutan/Utik	83.29	—	5.14	41.69	36.46	—
	Dengkis/Debam	10.95	—	—	10.83	0.12	—
	Gelama/Tengkerong	685.29	8.47	164.60	381.31	130.91	—
	Gerut-gerut	101.16	—	12.83	49.60	38.73	—
	Jenahak	64.30	—	0.06	31.34	32.90	—
	Kaci	35.63	—	0.48	14.47	20.68	—
	Kerapu	235.93	—	7.02	108.33	120.58	—
	Kerisi	2,620.21	—	31.34	1,347.50	1,241.37	—
	Kerisi Bali	36.05	—	1.27	15.54	19.24	—
	Kikek	98.12	—	1.21	15.85	81.06	—
	Malong	83.18	7.87	29.05	26.41	19.85	—
	Merah	325.43	—	10.88	154.88	159.67	—
	Mengkerong/Conor/Ubi	435.69	—	49.06	194.50	192.13	—
	Ramong/Kunyit-kunyit	59.04	—	0.54	27.41	31.09	—
	Semilang	39.32	14.17	1.99	14.04	9.12	—
	Shrumbu/Lamah	0.42	—	—	0.42	—	—
	Puntong Damar/Bulus	44.03	1.15	17.73	13.47	11.68	—
	Pasir-pasir	—	—	—	—	—	—
34	Ayu-ayu/Kacang-kacang	200.00	—	14.82	109.05	76.13	—
	Aruan Tasik	8.72	—	—	4.44	4.28	—
	Bawal	200.41	8.03	80.89	76.81	34.68	—
	Belanak/Kedera	134.92	4.60	24.81	69.97	15.54	—
	Cermin/Sagal/Cupek	5.74	—	—	1.94	3.80	—
	Cancaru	233.03	—	13.54	154.34	65.15	—
	Demudok/Rambai	404.65	—	15.19	225.60	163.86	—
	Kurau/Senangin/Senohong	4.35	—	0.12	2.96	1.27	—
	Palata/Setar	124.39	—	0.79	75.06	48.54	—
	Selar Kuning/Lolong	214.34	—	1.09	87.17	126.08	—
	Selayang/Curut	157.06	—	—	—	157.06	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	15.84	—	1.33	14.09	0.42	—
35	Bilis	—	—	—	—	—	—
	Parang-parang	152.35	—	22.92	80.23	49.20	—
	Tamban	66.37	—	2.72	39.57	24.08	—
	Bulan-bulan	—	—	—	—	—	—
38	Aya/Kayu/Tongkol	8.96	—	—	5.81	1.15	—
	Layaran/Mersuji	49.00	—	0.97	24.74	23.29	—
37	Kembong/Temenong	1,693.76	—	171.50	1,128.92	393.34	—
	Tanggiri	133.88	—	16.09	70.89	46.90	—
	Timah/Layor/Selayor	577.09	—	215.44	252.33	109.32	—
38	Pari	320.57	1.63	34.24	172.43	112.27	—
	Yu	144.41	1.21	10.59	75.19	57.42	—
39	Ikan Baja	20,180.58	1,701.16	2,011.80	8,996.30	7,471.32	—
	Ikan Campur	602.36	44.53	73.82	234.13	249.78	—
	Jebong	122.44	—	9.98	54.80	57.66	—
42	Ketam	147.06	48.09	42.04	32.25	24.68	—
45	Udang Karang/Lobok	1.88	—	—	—1.02	0.66	—
	Udang Besar	177.18	59.47	85.30	24.73	7.68	—
	Udang Sedang	2,486.03	1,492.51	970.23	22.51	0.78	—
	Udang Kecil	4,967.75	2,916.39	1,998.54	52.45	0.37	—
	Udang Baring	—	—	—	—	—	—
	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	405.25	0.67	53.24	219.65	131.69	—
	Sotong Biasa	1,099.89	21.96	176.48	537.45	364.00	—
76	Ubur-ubur	—	—	—	—	—	—
	Total	40,740.11	6,347.21	6,523.03	15,697.58	12,172.29	—

SELANGOR

**USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981**
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH, 1981

ISSCAP GROUP NO.	Fishing Effort	Total	Tonnage Class				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	1,359	651	449	209	50	—
	No. of trips	408,445	196,602	136,047	61,446	14,350	—
	No. of days	405,937	196,602	136,047	58,938	14,350	—
	No. of hauls	1,230,135	589,806	408,141	184,338	47,850	—
	No. of trawling hours	3,690,405	1,769,418	1,224,423	553,014	143,550	—
Species:							
M. Tonnes:							
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	1.51	—	—	1.39	0.12	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	624.88	88.75	199.25	310.90	25.98	—
	Sebelah	12.57	1.52	0.30	9.13	1.62	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	—	—	—	—	—	—
	Daun Baharu	—	—	—	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	50.17	0.48	9.32	36.56	3.81	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengkerong	718.40	101.03	232.78	339.81	44.78	—
	Garut-garut	54.01	—	3.09	43.53	7.39	—
	Jenahak	54.21	—	2.48	46.16	5.57	—
	Kaci	—	—	—	—	—	—
	Kerapu	69.69	—	2.90	57.29	9.50	—
	Kerisi	93.83	—	10.53	72.35	10.95	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	13.96	—	—	12.88	1.08	—
	Malong	188.39	10.89	58.33	107.68	11.49	—
	Merah	89.97	—	9.31	69.28	11.38	—
	Mengkerong/Conor/Ubi	48.21	0.12	8.11	33.70	6.28	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	14.93	3.08	3.45	6.89	1.51	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	124.44	4.07	28.21	82.30	9.86	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	152.02	3.32	22.82	115.31	10.57	—
	Belanak/Kedera	110.70	12.75	32.01	60.08	5.86	—
	Cermin/Sagai/Cupak	12.47	—	5.38	6.37	0.72	—
	Cencaru	137.66	0.55	18.44	103.97	16.90	—
	Demudok/Rambai	0.48	—	—	0.48	—	—
	Kurau/Senangin/Senohong	100.13	0.85	18.93	73.87	6.48	—
	Palata/Selar	70.22	3.21	6.72	49.47	10.82	—
	Selar Kuning/Lolong	23.05	—	—	22.87	0.18	—
	Selayang/Curut	34.43	—	—	28.51	5.92	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	0.66	—	—	0.60	0.06	—
35	Billis	—	—	—	—	—	—
	Parang-parang	154.46	0.24	32.30	110.30	11.62	—
	Tamban	3.33	—	—	3.15	0.18	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	320.08	19.66	68.72	203.39	28.31	—
	Tenggiri	89.29	0.12	0.54	83.02	5.61	—
	Timah/Layor/Selayor	0.46	—	0.12	0.36	—	—
38	Pari	209.73	3.63	50.81	137.89	17.40	—
	Yu	152.15	2.00	27.40	113.85	8.90	—
39	Ikan Baja	15,985.84	4,832.48	4,165.11	6,499.39	488.86	—
	Ikan Campur	—	—	—	—	—	—
	Jebong	—	—	—	—	—	—
42	Ketam	182.04	23.11	63.71	85.78	9.44	—
45	Udang Karang/Lobok	—	—	—	—	—	—
	Udang Besar	167.76	41.02	43.38	77.31	6.05	—
	Udang Sedang	1,357.11	664.61	325.89	341.62	24.99	—
	Udang Kecil	2,271.44	986.80	594.56	650.20	39.88	—
	Udang Baring	—	—	—	—	—	—
	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kareta	—	—	—	—	—	—
	Sotong Katak	342.17	45.13	91.23	185.61	20.20	—
	Sotong Biasa	386.01	28.67	84.86	246.95	25.53	—
76	Ubur-ubur	1,008.47	647.31	189.84	165.03	6.29	—
Total		25,431.55	7,525.40	6,408.83	10,595.23	902.09	—

JOHORE BARAT/WEST JOHORE
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Fishing Effort	Total	TONNAGE CLASS				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	371	210	153	8	—	—
	No. of trips	133,560	75,600	55,080	2,880	—	—
	No. of days	133,560	75,600	55,080	2,880	—	—
	No. of hauls	332,787	188,370	137,241	7,176	—	—
	No. of trawling hours	996,361	565,110	411,723	21,528	—	—
<i>Species:</i>							
	<i>M. Tonnes:</i>						
24	Kebasi/Selangat	17.24	6.06	9.79	1.39	—	—
	Puput/B. Mata/Tirok	116.86	37.79	74.35	4.72	—	—
	Terubok	0.24	—	0.24	—	—	—
25	Siakap	0.42	0.24	0.18	—	—	—
31	Lidah	23.96	10.52	13.26	0.18	—	—
	Sebelah	—	—	—	—	—	—
33	Bayan	—	—	—	—	—	—
	Biji Nangka	61.15	26.31	31.63	3.21	—	—
	Daun Baharu	10.09	7.19	2.72	0.18	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	57.54	18.83	37.22	1.69	—	—
	Dengkis/Debam	—	—	—	—	—	—
	Gelama/Tengerong	254.40	90.45	158.87	5.08	—	—
	Gerut-gerut	2.29	0.42	1.87	—	—	—
	Janshak	4.06	0.18	3.58	0.30	—	—
	Kaci	—	—	—	—	—	—
	Kerapu	4.59	2.35	1.82	0.42	—	—
	Kerisi	—	—	—	—	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikok	—	—	—	—	—	—
	Malong	208.60	87.79	118.16	2.65	—	—
	Merah	3.34	0.43	2.79	0.12	—	—
	Mengkerong/Conor/Ubi	24.32	7.93	14.95	1.44	—	—
	Remong/Kunyit-kunyit	—	—	—	—	—	—
	Semilang	—	—	—	—	—	—
	Shrubu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	4.90	0.96	3.70	0.24	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	77.56	24.64	49.37	3.55	—	—
	Belanak/Kedera	0.18	—	0.18	—	—	—
	Cermin/Sagai/Cupak	9.55	2.17	6.35	1.03	—	—
	Cencaru	6.88	1.99	4.29	0.60	—	—
	Demudok/Rambai	—	—	—	—	—	—
	Kurau/Senangin/Senohong	77.42	19.84	56.02	1.56	—	—
	Pelata/Selar	4.53	2.06	2.11	0.36	—	—
	Selar Kuning/Lolong	20.26	2.59	15.86	1.81	—	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	—	—	—	—	—	—
	Talang	2.41	0.13	2.10	0.18	—	—
35	Billis	19.72	5.26	13.68	0.78	—	—
	Parang-parang	59.40	15.48	41.57	2.35	—	—
	Tamban	79.57	25.84	50.28	3.45	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	—	—	—	—	—	—
	Tenggiri	16.95	5.27	10.89	0.79	—	—
	Timah/Layar/Selayor	22.98	10.10	12.58	0.30	—	—
38	Parl	241.99	79.62	158.44	3.93	—	—
	Yu	24.14	6.17	17.55	0.42	—	—
39	Ikan Baja	4,155.30	1,726.32	2,339.27	89.71	—	—
	Ikan Campur	192.46	72.41	116.11	3.94	—	—
	Jebong	1.56	0.18	1.26	0.12	—	—
42	Ketam	1.39	0.24	1.09	0.06	—	—
45	Udang Karang/Lobok	—	—	—	—	—	—
	Udang Besar	73.94	28.80	42.90	2.24	—	—
	Udang Sedang	111.75	48.03	60.27	3.45	—	—
	Udang Kecil	2,114.64	987.60	1,101.50	25.54	—	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	92.69	36.82	53.79	2.08	—	—
	Sotong Biasa	168.72	61.23	103.49	4.00	—	—
76	Ubur-ubur	—	—	—	—	—	—
TOTAL ..		8,389.99	3,460.04	4,736.08	173.87	—	—

KELANTAN

**USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981**
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH, 1981

ISSCAP GROUP NO.	Fishing Effort	Total	TONNAGE CLASS				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	108	—	88	20	—	—
	No. of trips	23,460	—	20,240	3,220	—	—
	No. of days	23,460	—	20,240	3,220	—	—
	No. of hauls	58,600	—	51,040	7,560	—	—
	No. of trawling hours	174,720	—	153,120	21,600	—	—
<i>Species:</i>							
	<i>M. Tonnes:</i>						
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Trok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	0.30	—	—	0.30	—	—
	Sebelah	13.01	—	8.17	4.84	—	—
33	Bayan	0.67	—	0.67	—	—	—
	Biji Nangka	80.29	—	62.26	18.03	—	—
	Daun Baharu	0.90	—	0.90	—	—	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	16.63	—	12.28	4.35	—	—
	Dengkis/Debam	1.03	—	0.78	0.25	—	—
	Gelama/Tengkerong	98.57	—	78.47	20.10	—	—
	Gerut-gerut	7.43	—	5.26	2.17	—	—
	Jenahak	—	—	—	—	—	—
	Kaci	0.55	—	0.06	0.49	—	—
	Kerapu	2.35	—	0.42	1.93	—	—
	Kerisi	114.29	—	79.93	34.36	—	—
	Kerisi Bali	—	—	—	—	—	—
	Kikek	73.81	—	55.96	17.85	—	—
	Malong	0.42	—	0.42	—	—	—
	Merah	2.91	—	2.48	0.43	—	—
	Mengkerong/Conor/Ubi	—	—	—	—	—	—
	Remong/Kunyit-kunyit	26.74	—	18.92	7.82	—	—
	Semilang	0.36	—	0.36	—	—	—
	Shrumbu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	—	—	—	—	—	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	69.88	—	61.05	8.83	—	—
	Aruan Tasik	—	—	—	—	—	—
	Bawal	9.00	—	5.98	3.02	—	—
	Belanak/Kedera	—	—	—	—	—	—
	Cemini/Sagal/Cupak	5.20	—	5.20	—	—	—
	Cencaru	—	—	—	—	—	—
	Demudok/Rambai	1.44	—	1.44	—	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	5.68	—	2.80	3.08	—	—
	Selar Kuning/Lolong	15.55	—	5.75	9.80	—	—
	Selayang/Curut	4.11	—	2.90	1.21	—	—
	Pisang-pisang	1.94	—	1.46	0.48	—	—
	Talang	—	—	—	—	—	—
35	Billis	—	—	—	—	—	—
	Parang-parang	15.67	—	10.35	5.32	—	—
	Tamban	0.24	—	0.24	—	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	0.24	—	0.24	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kambong/Temenong	—	—	—	—	—	—
	Tenggiri	1.08	—	1.08	—	—	—
	Timah/Layor/Selayor	53.54	—	47.12	6.42	—	—
38	Pari	4.47	—	3.69	0.78	—	—
	Yu	0.60	—	0.60	—	—	—
39	Ikan Baja	168.41	—	124.41	44.00	—	—
	Ikan Campur	86.12	—	72.42	13.70	—	—
	Jebong	—	—	—	—	—	—
42	Ketam	17.61	—	12.95	4.66	—	—
45	Udang Karang/Lobok	2.36	—	2.36	—	—	—
	Udang Besar	17.66	—	14.45	3.21	—	—
	Udang Sedang	37.20	—	33.08	4.12	—	—
	Udang Kecil	64.92	—	64.92	—	—	—
	Udang Baring	—	—	—	—	—	—
56	Karang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	3.81	—	3.15	0.66	—	—
	Sotong Biasa	126.55	—	110.40	16.15	—	—
76	Ubur-ubur	—	—	—	—	—	—
	TOTAL	1,153.54	—	915.18	238.36	—	—

TRENGGANU
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH, 1981

ISSCAP GROUP NO.	Fishing Effort	Total	TONNAGE CLASS				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	210	54	118	20	18	—
	No. of trips	59,757	16,965	37,052	4,300	1,440	—
	No. of days	59,757	16,965	37,052	4,300	1,440	—
	No. of hauls	179,892	50,868	111,156	13,260	4,608	—
	No. of trawling hours	388,236	105,948	228,684	39,780	13,824	—
<i>Species:</i>							
<i>M. Tonnes:</i>							
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	—	—	—	—	—	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	53.91	12.09	34.41	7.29	0.12	—
	Sebelah	41.15	7.16	25.82	7.99	0.18	—
33	Bayan	1.03	0.49	0.18	0.36	—	—
	Biji Nangka	151.28	27.18	102.84	20.11	1.15	—
	Daun Baharu	11.61	1.95	6.69	2.91	0.06	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	15.38	1.88	8.26	4.58	0.66	—
	Dengkil/Debam	18.20	2.18	11.33	3.12	1.57	—
	Gelama/Tengkerong	100.07	17.38	65.75	16.04	0.90	—
	Gerut-gerut	14.15	2.48	8.96	2.53	0.18	—
	Jenahak	0.54	—	0.48	0.06	—	—
	Kaci	1.57	—	0.78	0.67	0.12	—
	Kerapu	43.32	4.94	28.98	9.16	0.24	—
	Kerisi	475.99	55.64	281.43	132.73	6.19	—
	Kerisi Bali	20.26	—	0.18	20.08	—	—
	Kikek	100.18	15.06	69.44	14.90	0.78	—
	Malong	—	—	—	—	—	—
	Merah	54.43	6.11	38.11	10.15	0.06	—
	Mengkerong/Conor/Ubi	43.31	3.88	26.67	12.76	—	—
	Remong/Kunyit-kunyit	56.62	10.39	30.13	15.08	1.02	—
	Semilang	—	—	—	—	—	—
	Shrumbu/Lemah	1.88	—	—	1.88	—	—
	Puntong Damar/Bulus	97.94	16.22	59.96	20.92	0.84	—
	Pasir-pasir	—	—	—	—	—	—
34	Alu-alu/Kacang-kacang	61.09	7.61	40.90	12.28	0.30	—
	Aruan Tasik	0.42	—	0.06	0.30	0.06	—
	Bawal	1.80	—	—	1.74	0.06	—
	Belanak/Kedera	—	—	—	—	—	—
	Cernin/Sagal/Cupak	39.92	5.69	25.41	8.58	0.24	—
	Cencaru	—	—	—	—	—	—
	Demudok/Rambai	8.89	0.42	5.69	2.78	—	—
	Kurau/Senangin/Senohong	—	—	—	—	—	—
	Pelata/Selar	—	—	—	—	—	—
	Selar Kuning/Lolong	104.32	1.21	9.07	91.43	2.61	—
	Selayang/Curut	—	—	—	—	—	—
	Pisang-pisang	37.82	5.87	24.98	6.79	0.18	—
	Talang	—	—	—	—	—	—
35	Billis	3.34	—	3.22	—	0.12	—
	Parang-parang	37.38	6.66	22.21	8.45	0.06	—
	Tamban	—	—	—	—	—	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	0.24	—	0.24	—	—	—
	Tenggiri	—	—	—	—	—	—
	Timah/Layor/Selayor	36.31	3.46	20.46	10.69	1.70	—
38	Pari	75.40	11.36	45.14	16.00	2.90	—
	Yu	35.68	4.48	24.50	6.46	0.24	—
39	Ikan Baja	8,071.99	1,380.83	5,541.87	1,149.29	—	—
	Ikan Campur	479.48	77.70	324.24	72.81	4.73	—
	Jebong	8.30	0.96	4.54	2.68	0.12	—
42	Ketam	58.15	9.73	37.89	10.47	0.06	—
45	Udang Karang/Lobok	61.46	8.39	33.77	18.21	1.09	—
	Udang Besar	174.46	35.28	115.91	23.27	—	—
	Udang Sedang	163.58	36.67	111.01	15.84	0.06	—
	Udang Kecil	318.27	68.53	223.78	25.90	0.06	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	0.12	0.12	—	—	—	—
	Sotong Katak	123.23	19.01	74.59	27.93	1.70	—
	Sotong Biasa	183.80	31.64	130.07	21.12	0.97	—
76	Ubur-ubur	—	—	—	—	—	—
	TOTAL	11,388.27	1,900.65	7,619.95	1,836.34	31.33	—

PAHANG

**USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981**
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Fishing Effort	Total	TONNAGE CLASS				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	381	225	86	50	14	8
	No. of trips	102,798	60,750	24,166	14,150	3,570	162
	No. of days	102,882	60,750	24,66	14,150	3,570	246
	No. of hauls	268,473	148,725	62,608	43,650	11,046	444
	No. of trawling hours	775,053	430,425	164,728	129,150	29,358	1,392
<i>Species:</i>							
<i>M. Tonnes:</i>							
24	Kebasi/Selangat	—	—	—	—	—	—
	Puput/B. Mata/Tirok	6.11	0.24	2.42	2.00	1.45	—
	Terubok	—	—	—	—	—	—
25	Siakap	—	—	—	—	—	—
31	Lidah	12.28	0.78	1.99	5.98	3.47	0.06
	Sebelah	12.04	3.90	3.74	2.84	1.38	0.18
33	Bayan	0.91	—	—	0.54	0.19	0.18
	Biji Nangka	2.91	0.30	0.85	1.34	0.30	0.12
	Daun Baharu	12.57	1.51	1.63	7.80	1.63	—
	Delah	0.06	—	—	—	0.06	—
	Duri/Pulutan/Utik	64.25	0.42	2.47	58.27	2.97	0.12
	Dengkis/Debam	9.31	0.12	2.05	3.09	3.81	0.24
	Gelama/Tengkerong	89.55	30.06	13.08	36.37	10.04	—
	Gerut-gerut	3.63	0.18	0.12	1.94	1.39	—
	Jenahak	—	—	—	—	—	—
	Kaci	7.86	0.24	0.66	4.30	2.48	0.18
	Kerapu	0.84	0.12	0.12	0.30	0.18	0.12
	Kerisi	275.39	7.39	22.26	174.95	70.12	0.67
	Kerisi Bali	—	—	—	—	—	—
	Kikek	52.74	19.36	9.62	21.46	2.30	—
	Malong	0.48	—	0.24	0.24	—	—
	Merah	17.54	1.76	1.33	7.07	7.08	0.30
	Mengkerong/Conor/Ubi	27.47	—	1.70	16.94	8.83	—
	Remong/Kunyit-kunyit	12.71	0.97	1.69	7.02	3.03	—
	Semilang	8.77	—	—	8.77	—	—
	Shrumbu/Lamah	—	—	—	—	—	—
	Puntong Damar/Bulus	199.33	23.29	22.14	98.90	55.00	—
	Pasir-pasir	20.37	0.85	1.56	9.08	8.88	—
34	Alu-alu/Kacang-kacang	29.39	0.24	3.63	22.03	3.49	—
	Aruan Tasik	3.70	—	—	2.18	1.52	—
	Bawal	4.59	2.11	0.68	1.50	0.30	—
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	26.61	1.33	3.03	15.96	5.99	0.30
	Cencaru	0.36	—	—	0.12	0.06	0.18
	Demudok/Rambai	0.67	0.06	0.06	0.30	0.25	—
	Kurau/Senangin/Senohong	0.72	0.30	—	0.42	—	—
	Pelata/Selar	16.02	0.18	1.94	9.18	4.72	—
	Selar Kuning/Lolong	374.06	4.41	43.32	238.05	87.49	0.79
	Selayang/Curut	0.91	—	0.55	0.30	0.06	—
	Pisang-pisang	6.95	0.06	0.42	3.68	2.79	—
	Talang	2.35	0.36	0.06	1.45	0.48	—
35	Bilis	—	—	—	—	—	—
	Parang-parang	15.90	5.39	2.71	6.05	1.75	—
	Tamban	0.66	0.30	—	0.24	0.12	—
	Bulan-bulan	69.37	4.42	3.01	51.36	9.98	0.60
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	—	—	—	—	—	—
37	Kembong/Temenong	18.57	0.06	2.96	12.33	3.16	0.06
	Tenggiri	24.80	1.27	5.07	12.47	5.75	0.24
	Timah/Layor/Selayor	8.70	1.09	0.90	4.60	2.11	—
38	Pari	189.30	22.46	22.26	120.09	24.49	—
	Yu	51.01	8.28	9.86	19.81	13.06	—
39	Ikan Baja	4,614.53	931.35	752.81	2,304.66	625.71	—
	Ikan Campur	158.90	34.30	34.33	70.96	19.31	—
	Jebong	0.30	—	—	—	0.30	—
42	Ketam	171.30	93.22	47.60	21.72	8.76	—
45	Udang Karang/Lobok	28.43	1.87	4.05	16.35	6.16	—
	Udang Besar	66.50	21.97	16.77	19.11	9.55	—
	Udang Sedang	134.79	58.57	39.81	26.31	10.10	—
	Udang Kecil	152.28	61.09	43.45	30.93	16.81	—
	Udang Baring	—	—	—	—	—	—
	Kerang	—	—	—	—	—	—
56	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	—	—	—	—	—	—
	Sotong Katak	250.17	71.19	59.30	91.46	28.09	0.13
	Sotong Biasa	577.31	76.51	92.03	335.20	73.20	0.37
76	Ubur-ubur	—	—	—	—	—	—
TOTAL		7,836.27	1,492.98	1,280.28	3,908.02	1,150.15	4.84

JOHOR TIMUR/EAST JOHORE
USAHA MENANGKAP IKAN DAN PENDARATAN PUKAT TUNDA MENGIKUT UKURAN
MUATAN DAN JENIS IKAN, 1981
FISHING EFFORT AND LANDINGS OF TRAWLERS BY TONNAGE AND TYPE OF FISH, 1981

ISSCAAP GROUP NO.	Fishing Effort	Total	TONNAGE CLASS				
			0 — 9.9 Tons	10 — 24.9 Tons	25 — 39.9 Tons	40 — 69.9 Tons	70 Tons & above
	No. of fish units	343	63	113	117	49	1
	No. of trips	75,054	17,892	25,312	22,581	9,261	8
	No. of days	95,321	18,270	31,075	32,526	13,426	24
	No. of hauls	229,189	54,810	75,936	69,264	29,155	24
	No. of trawling hours	633,189	113,211	227,808	204,633	87,465	72
	Species:	M. Tonnes:					
24	Kebasi/Selangat	33.34	2.23	11.74	13.07	6.30	—
	Puput/B. Mata/Tirok	43.37	2.84	10.97	14.70	14.80	0.06
	Terubok	—	—	—	—	—	—
25	Siakap	0.06	—	—	0.06	—	—
31	Lidah	7.50	0.60	1.70	2.42	2.78	—
	Sebelah	24.56	0.30	5.93	10.95	7.38	—
33	Bayan	0.06	—	—	—	0.06	—
	Biji Nangka	166.60	—	31.52	80.87	54.21	—
	Daun Baharu	5.74	—	0.43	2.41	2.90	—
	Delah	—	—	—	—	—	—
	Duri/Pulutan/Utik	78.53	1.75	8.84	47.85	20.09	—
	Dengkis/Debam	71.93	0.24	9.43	26.56	35.70	—
	Getama/Tengkerong	403.76	9.97	100.35	159.26	133.51	0.67
	Gerut-gerut	1.57	—	0.54	0.24	0.79	—
	Jenshak	20.27	—	1.27	7.15	10.52	1.33
	Kaci	26.79	—	3.32	10.11	13.18	0.18
	Kerapu	29.29	—	4.65	10.91	13.00	0.73
	Kerisi	877.73	—	126.81	356.01	391.64	3.27
	Kerisi Bali	—	—	—	—	—	—
	Kikek	75.98	2.41	21.41	26.69	25.47	—
	Malong	0.60	—	—	0.24	0.36	—
	Merah	102.36	0.06	16.95	35.46	47.05	2.84
	Mengkerong/Conor/Ubi	5.19	0.78	0.96	2.84	0.61	—
	Remong/Kunyit-kunyit	49.30	0.24	10.77	21.47	16.82	—
	Semilang	—	—	—	—	—	—
	Shrubu/Lemah	—	—	—	—	—	—
	Puntong Damar/Bulus	107.91	0.78	18.74	42.41	45.98	—
	Pasir-pasir	90.38	—	10.87	42.54	36.97	—
34	Alu-alu/Kacang-kacang	96.72	0.42	11.96	43.50	40.72	0.12
	Aruan Tasik	0.18	—	—	0.18	—	—
	Bawal	67.76	0.78	9.32	27.83	27.35	2.48
	Belanak/Kedera	—	—	—	—	—	—
	Cermin/Sagai/Cupak	52.70	0.12	9.27	20.83	22.12	0.36
	Cencaru	0.84	—	0.06	0.30	0.48	—
	Demudok/Rambai	12.16	—	1.33	6.11	4.60	0.12
	Kurau/Senangin/Senohong	0.12	—	—	—	0.12	—
	Peleta/Selar	66.24	0.18	11.07	26.73	28.14	0.12
	Selar Kuning/Lolong	1,716.22	—	275.57	648.32	792.33	—
	Selayang/Curut	0.60	—	—	0.12	0.48	—
	Pisang-pisang	0.24	—	0.24	—	—	—
	Talang	0.90	—	0.12	0.42	0.36	—
35	Billis	19.83	0.42	5.02	9.67	4.72	—
	Parang-parang	41.53	0.48	9.27	15.20	16.28	0.30
	Tamban	16.57	0.06	3.21	9.67	3.63	—
	Bulan-bulan	—	—	—	—	—	—
36	Aya/Kayu/Tongkol	—	—	—	—	—	—
	Layaran/Mersuji	0.12	—	—	0.12	—	—
37	Kembong/Temenong	19.00	0.06	1.46	7.14	10.34	—
	Tenggiri	14.70	—	2.97	5.61	6.12	—
	Timah/Layor/Selayor	28.01	0.66	6.52	9.15	11.56	0.12
38	Pari	116.04	3.06	25.12	48.12	39.44	0.30
	Yu	69.93	1.50	17.78	25.96	24.69	—
39	Ikan Baja	6,298.80	85.14	1,442.00	2,517.50	2,214.47	39.89
	Ikan Campur	136.91	4.53	35.76	50.82	45.68	0.12
	Jebong	11.74	0.06	1.81	4.97	4.90	—
42	Ketam	119.38	12.03	26.44	43.44	36.74	0.73
45	Udang Karang/Lobok	20.31	1.34	5.56	6.77	6.52	0.12
	Udang Besar	262.67	5.44	44.70	108.35	103.88	0.30
	Udang Sedang	328.18	18.63	83.90	126.44	98.18	1.03
	Udang Kecil	764.92	49.14	184.73	291.00	240.05	—
	Udang Baring	—	—	—	—	—	—
56	Kerang	—	—	—	—	—	—
	Siput/Kepah	—	—	—	—	—	—
57	Sotong Kereta	10.41	—	2.24	3.81	4.30	0.06
	Sotong Katak	293.65	7.80	71.09	122.69	91.77	0.30
	Sotong Biasa	1,149.00	7.14	245.68	463.70	428.85	3.63
76	Ubur-ubur	—	—	—	—	—	—
	TOTAL	13,959.20	221.19	2,931.40	5,558.69	5,188.94	58.98

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA BORONG PURATA IKAN BASAH DI PASAR MENGIKUT BULAN, 1981
 MONTHLY AVERAGE WHOLESALE MARKET PRICES OF FRESH FISH, 1981
 (Harga Dalam \$/Kg./Prices At \$/Kg.)

Jenis-jenis Ikan Type of Fish								Januari January	Februari February	Mac March	April April	Mei May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Purata 1981 Average 1981
Bawal putih ..	..	..	..	..	..	..	..	8.99	8.62	9.34	9.43	8.09	9.48	10.11	9.20	10.35	9.81	10.34	10.65	9.53
Bawal Hitam ..	..	..	..	..	..	..	..	4.46	4.75	4.24	4.50	4.28	4.87	5.34	5.19	4.88	5.11	5.48	5.29	4.87
Kerapu ..	..	..	..	..	..	..	..	5.31	4.81	4.83	4.99	4.73	5.19	5.01	5.11	5.10	4.86	5.14	5.35	5.04
Tenggiri ..	..	..	..	..	..	..	..	4.69	4.67	4.33	4.55	4.37	5.09	5.13	5.03	4.89	4.93	5.05	5.15	4.82
Merah ..	..	..	..	..	..	..	..	3.13	3.21	3.21	3.20	3.06	3.89	4.10	3.40	3.56	3.58	3.67	3.68	3.47
Jenahak ..	..	..	..	..	..	..	..	4.23	4.12	4.29	4.24	4.05	4.48	4.58	4.32	4.72	4.90	4.70	4.80	4.45
Kaci ..	..	..	..	..	..	..	..	2.48	2.14	1.83	1.73	1.87	1.75	2.26	2.33	2.14	1.79	2.26	2.28	2.07
Cermin ..	..	..	..	..	..	..	..	2.53	2.33	1.96	2.03	2.27	2.28	2.32	2.15	2.31	2.36	2.11	2.12	2.23
Gelama ..	..	..	..	..	..	..	..	0.93	0.93	0.83	0.93	0.88	0.79	1.01	0.92	0.89	0.95	1.18	0.98	0.94
Kembong ..	..	..	..	..	..	..	..	1.68	1.71	1.62	1.50	1.47	1.65	1.86	1.63	1.48	1.59	1.92	1.96	1.67
Kerisi ..	..	..	..	..	..	..	..	1.61	1.79	1.57	1.24	1.48	1.59	1.55	1.39	1.46	1.46	1.60	1.83	1.55
Selayang ..	..	..	..	..	..	..	..	1.16	1.00	0.63	0.72	0.87	0.84	0.70	0.80	0.90	0.95	0.94	1.04	0.88
Tamban ..	..	..	..	..	..	..	..	0.76	0.72	0.58	0.60	0.73	0.90	0.84	0.71	0.88	0.63	0.92	0.86	0.76
Selar/Pelata ..	..	..	..	..	..	..	..	1.54	2.04	1.87	1.89	1.85	1.73	1.81	1.58	1.86	1.62	2.02	2.50	1.86
Sotong ..	..	..	..	..	..	..	..	1.94	2.06	1.96	1.75	1.88	1.83	2.13	1.96	2.07	2.00	2.11	2.12	1.98
Aya/Tongkol ..	..	..	..	..	..	..	..	1.64	1.73	1.66	1.75	1.73	1.72	1.97	1.73	1.74	1.98	1.70	2.05	1.78
Udang Besar ..	..	..	..	..	..	..	..	16.26	17.51	16.14	15.92	15.65	15.54	15.66	15.86	15.77	15.81	16.21	15.66	16.00
Udang Sedang ..	..	..	..	..	..	..	..	8.92	7.73	8.20	8.53	9.23	9.64	8.50	7.85	7.49	8.23	8.21	8.43	8.41
Udang Kecil ..	..	..	..	..	..	..	..	2.82	2.77	2.59	3.12	2.57	3.79	3.74	3.00	3.18	3.39	3.10	3.02	3.09

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
HARGA RUNCIT PURATA IKAN BASAH DI PASAR MENGIKUT BULAN, 1981
 MONTHLY AVERAGE RETAIL MARKET PRICES OF FRESH FISH, 1981
 (Harga Dalam \$/Kg./Prices At \$/Kg.)

Jenis-jenis Ikan Type of Fish	Januari January	Februari February	Mac March	April April	Mai May	Jun June	Julai July	Ogos August	September September	Oktober October	November November	Disember December	Purata 1981 Average 1981
Bawal Putih ..	10.47	10.31	10.86	10.56	9.30	10.73	11.47	10.77	11.72	11.36	11.58	11.93	10.92
Bawal Hitam ..	5.18	5.62	5.09	5.44	5.18	5.74	6.37	6.05	5.62	6.05	6.25	6.09	5.72
Kerapu ..	6.15	5.66	5.90	6.13	5.68	5.88	6.17	6.25	6.09	5.95	6.14	6.32	6.03
Tenggiri ..	5.52	5.49	5.29	5.38	5.30	6.06	6.07	5.95	5.75	5.83	5.81	6.09	5.71
Merah ..	3.75	4.04	4.06	3.99	3.75	4.49	4.85	4.62	4.43	4.32	4.31	4.38	4.25
Jenahak ..	4.92	4.98	5.04	5.20	4.95	5.19	5.38	5.26	5.59	5.89	5.32	5.71	5.29
Kaci ..	3.08	3.27	2.67	2.50	2.68	2.40	3.00	3.42	3.01	2.39	2.92	2.88	2.85
Cermin ..	2.99	3.08	2.67	2.79	3.11	2.83	2.89	2.72	2.99	3.16	2.85	2.85	2.91
Gelama ..	1.35	1.40	1.29	1.43	1.36	1.27	1.51	1.38	1.32	1.40	1.77	1.55	1.42
Kembong ..	2.28	2.42	2.30	2.26	2.15	2.25	2.53	2.29	2.12	2.27	2.65	2.64	2.35
Kerisi ..	2.12	2.29	2.32	1.73	2.08	2.09	2.08	1.90	2.10	2.01	2.20	2.38	2.11
Selayang ..	1.56	1.38	1.06	1.24	1.25	1.18	1.23	1.14	1.50	1.35	1.67	1.65	1.35
Tamban ..	1.03	1.04	1.01	0.98	1.24	1.26	1.15	1.17	1.42	0.97	1.43	1.45	1.18
Selar/Pelata ..	2.08	2.49	2.78	2.50	2.36	2.32	2.45	2.17	2.55	2.32	2.55	3.11	2.47
Sotong ..	2.57	2.47	2.63	2.41	2.63	2.40	2.72	2.63	2.77	2.75	2.75	2.76	2.62
Aya/Tongkol ..	2.07	2.33	2.36	2.49	2.54	2.47	2.63	2.56	2.40	2.57	2.22	2.67	2.44
Udang Besar ..	18.59	20.29	18.41	18.50	17.94	18.35	17.69	18.57	18.29	18.04	18.00	18.56	18.44
Udang Sedang ..	10.10	9.91	9.06	10.27	10.64	10.94	9.97	9.46	8.71	10.20	9.51	9.76	9.88
Udang Kecil ..	3.46	3.60	3.32	4.02	3.42	4.60	4.53	3.90	4.02	4.34	3.88	3.74	3.90

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
NILAI HARGA BORONG PASARAN IKAN LAUT, 1981
WHOLESALE MARKET VALUES OF MARINE FISH, 1981

Negeri State	Grade I		Grade II		Grade III		Prawn Big		Prawn Medium		Prawn Small		Manure Fish		Shell Fish		Jumlah Total	
	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$
Perlis	624.75	3,792,233	18.61	56,946	24,431.23	34,936,659	208.45	3,335,200	548.54	4,613,221	788.09	2,435,198	6,203.81	1,426,876	68.06	42,878	32,891.54	50,639,211
Kedah	23587.99	143,179,099	491.21	1,503,103	39,843.09	56,975,619	916.59	14,665,440	2,563.47	21,558,763	4,892.16	15,116,774	73,484.54	16,901,444	2,249.23	1,417,015	148,028.28	271,317,277
P. Pinang	952.67	57,827.07	259.62	794,437	16,119.29	23,050,585	537.76	8,604,160	1,182.55	9,945,246	2,079.26	6,424,913	7,403.58	1,702,824	5,590.66	3,522,116	34,125.39	59,826,988
Perak	10,537.20	63,960,804	1,783.52	5,457,571	29,707.89	42,482,283	1,653.88	26,462,080	7,195.17	60,511,380	12,512.35	38,663,162	26,041.20	5,989,476	57,857.48	36,450,212	147,288.69	279,976,968
Selangor	3,720.32	22,582,342	410.35	1,255,671	15,572.00	22,267,960	302.29	4,836,640	2,245.28	18,882,805	4,547.65	14,052,239	16,507.74	3,796,780	4,730.01	2,979,906	48,035.64	90,654,343
N. Sembilan	177.35	1,076,515	85.21	260,743	281.74	402,888	—	—	68.14	573,057	—	—	—	—	131.39	82,776	743.83	2,395,979
Melaka	1,191.62	7,233,133	89.41	273,595	922.06	1,318,546	35.11	561,760	46.01	386,944	51.02	157,652	141.58	32,564	8.66	5,456	2,485.47	9,969,650
Kelantan	354.40	2,151,206	127.91	391,405	7,948.73	11,366,684	64.12	1,025,920	68.05	572,301	122.81	379,483	168.41	20,209	—	—	8,854.43	15,907,210
Trengganu	10,998.03	66,758,042	1,909.77	5,843,896	118,379.58	169,282,799	356.74	5,707,840	257.16	2,162,716	418.39	1,292,825	8,114.52	973,743	—	—	140,434.19	252,021,861
Pahang	5,428.69	32,952,148	1,668.48	5,105,549	17,098.77	24,451,241	212.57	3,401,120	307.51	2,586,159	243.81	753,373	4,893.47	587,216	53.42	33,654	29,906.72	69,870,460
Johor Timur/East Johore	2,576.10	15,636,927	1,059.01	3,240,571	24,361.53	34,836,988	375.42	6,006,720	605.55	5,092,675	1,056.02	3,263,102	6,714.82	805,778	—	—	36,748.45	68,882,761
Johor Barat/West Johore	1,901.25	11,540,588	330.36	1,010,901	8,528.53	12,195,798	394.25	6,308,000	400.78	3,370,560	2,353.68	7,272,871	5,409.61	1,244,210	453.96	285,995	19,772.42	43,228,923
JUMLAH/TOTAL	62,050.37	376,645,746	8,233.46	25,194,388	303,194.44	433,568,050	5,057.18	80,914,880	15,488.21	130,255,847	29,065.24	89,811,592	155,083.28	33,481,120	71,142.87	44,820,008	649,315.05	1,214,691,631

NOTES: (1) Grade I Includes Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin, Kurau, Tenggiri, Parang, Ikan Bilis and Kerapu.

Grade II Includes Jenahak, Terubuk, Puput-puput, Merah, Kaci, Cermin, Demudok and Siakap.

Grade III Includes Alu-alu, Cincaru, Selar, Dengkis, Gerut-gerut, Lidah, Pelata, Remong, Sotong, Ketam, Aya/Tongkol, Aruan Tasek, Bayan, Belanak, Biji Nangka, Daun Baharu, Duri, Gelama, Jebong, Kembong, Kerisi, Kikek, Malong, Pari, Selangat, Selar Kuning, Selayang, Semilang, Talang, Tamban, Yu, Udang Baring etc.

(2) Grade I Price at \$6.07 per Kg. is calculated from the average prices of Bawal Putih, Bawal Hitam, Tenggiri, Kerapu.

Grade II Price at \$3.06 per Kg. is calculated from the average prices of Jenahak, Merah, Kaci and Cermin.

Grade III Price at \$1.43 per Kg. is calculated from the average prices of Sotong, Aya/Tongkol, Gelama, Kembong, Kerisi, Selar, Selayang and Tamban.

(3) Price per Kg. of Prawn big, Prawn medium and Prawn small are calculated at \$16.00, \$8.41, \$3.09 respectively.

(4) Prices of Manure Fish are estimated at \$0.23 per Kg. (West Coast) and \$0.12 per Kg. (East Coast).

(5) Prices of Shellfish are estimated at \$0.63 per Kg.

JADUAL (TABLE) 3.4

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
NILAI HARGA RUNCIT PASARAN IKAN LAUT, 1981
RETAIL MARKET VALUES OF MARINE FISH, 1981

Negeri/ State	Grade I		Grade II		Grade III		Prawn Big		Prawn Medium		Prawn Small		Manure Fish		Shell Fish		Jumlah/Total	
	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$	Tonnes	\$
Perlis	624.75	4,435,725	18.81	71,276	24,431.23	48,618,148	208.45	3,843,818	548.54	5,419,575	788.09	3,073,551	6,203.81	3,225,981	68.06	63,296	32,891.54	68,751,370
Kedah	23,587.99	167,474,729	491.21	1,881,334	39,843.09	79,287,749	916.59	16,901,919	2,563.47	25,327,084	4,892.16	19,079,424	73,484.54	38,211,961	2,249.23	2,091,784	148,028.28	350,255,984
P. Pinang	952.67	6,763,957	259.62	994,345	16,119.29	32,077,387	537.76	9,916,294	1,182.55	11,683,594	2,079.26	8,109,114	7,403.58	3,849,862	5,590.66	5,199,314	34,125.39	78,593,867
Perak	10,537.20	74,814,120	1,783.52	6,830,882	29,707.89	59,118,701	1,653.88	30,497,547	7,195.17	71,088,280	12,512.35	48,798,165	26,041.20	13,541,424	57,857.48	53,807,456	147,288.69	358,486,575
Selangor	3,720.32	26,414,272	410.35	1,571,641	15,572.00	30,988,280	302.29	5,574,228	2,245.28	22,183,366	4,547.65	17,735,835	16,507.74	8,584,025	4,730.01	4,398,909	48,035.64	117,450,556
N. Sembilan	177.35	1,259,185	85.21	326,354	281.74	560,663	—	—	68.14	673,223	—	—	—	—	131.39	122,193	743.83	2,941,618
Melaka	1,191.62	8,460,502	89.41	342,440	922.06	1,834,900	35.11	647,428	46.01	454,579	51.02	198,978	141.58	73,622	8.66	8,054	2,485.47	12,020,503
Kelantan	354.40	2,516,240	127.91	489,895	7,948.73	15,817,973	64.12	1,182,373	68.05	672,334	122.81	478,959	168.41	25,261	—	—	8,854.43	21,183,035
Trengganu	10,998.03	78,086,013	1,909.77	7,314,419	118,379.58	235,575,364	356.74	6,578,286	257.16	2,540,741	418.39	1,631,721	8,114.52	1,217,178	—	—	140,434.19	332,943,722
Pahang	5,428.69	38,543,699	1,668.48	6,390,279	17,098.77	34,026,552	212.57	3,819,791	307.51	3,038,199	243.81	950,859	4,893.47	734,020	53.42	49,880	29,906.72	87,653,079
Johor Timur/East Johore	2,576.10	18,290,310	1,059.01	4,056,008	24,361.53	48,479,445	375.42	6,922,745	605.55	5,982,834	1,056.02	4,118,478	6,714.82	1,007,223	—	—	36,748.45	88,857,043
Johor Barat/West Johore	1,901.25	13,498,875	330.36	1,265,279	8,528.53	16,971,774	384.25	7,269,970	400.78	3,959,706	2,353.68	9,179,352	5,409.61	2,812,997	453.96	422,183	19,772.42	55,380,136
Jumlah/Total	62,050.37	440,557,627	8,233.46	31,534,152	303,194.44	603,356,936	5,057.18	93,254,399	15,488.21	153,023,515	29,065.24	113,354,436	155,083.28	73,283,554	71,142.87	66,162,869	649,315.05	1,574,527,488

NOTES: (1) Grade I Includes Bawal Tambak, Bawal Putih, Bawal Hitam, Senangin, Kurau, Tenggiri, Parang, Ikan Bilis and Kerapu.

Grade II Includes Jenahak, Terubuk, Puput-puput, Merah, Kaci, Cermin, Demudok and Siakap.

Grade III Includes Alu-alu, Cincaru, Selar, Dengkis, Gerut-gerut, Lidah, Pelata, Remong, Sotong, Ketam, Aya/Tongkol, Aruan Tasek, Bayan, Belanak, Biji Nangka, Daun Baharu, Duri, Gelama, Jebong, Kembong, Kerisi, Kikek, Malong, Pari, Selangat, Selar Kuning, Selayang, Semilang, Talang, Tamban, Yu, Undang Baring etc.

(2) Grade I Price at \$7.10 per Kg. is calculated from the average prices of Bawal Putih, Bawal Hitam, Tenggiri, Kerapu.

Grade II Price at \$3.83 per Kg. is calculated from the average prices of Jenahak, Merah, Kaci and Cermin.

Grade III Price at \$1.99 per Kg. is calculated from the average prices of Sotong, Aya/Tongkol, Gelama, Kembong, Kerisi, Selar, Selayang and Tamban.

(3) Price per Kg. of Prawn big, Prawn medium and Prawn small are calculated at \$18.44, \$9.88, \$3.90 respectively.

(4) Prices of Manure Fish are estimated at \$0.52 per Kg. (West Coast) and \$0.15 per Kg. (East Coast).

(5) Prices of Shellfish are estimated at \$0.93 per Kg.

SEMENANJUNG MALAYSIA /PENINSULAR MALAYSIA
NILAI TANGKAPAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS DAN GRED IKAN, 1981
LANDING VALUES OF MARINE FISH BY GEAR GROUP AND GRADE OF FISH, 1981

Penderatan dan Nilai Landing and Value		Pukat Tunda Trawl Nets	PUKAT TARIK/SEINE NETS			Pukat Hanyut Drift/Gill Nets	Pukat Tangguk Lift Nets	PERANGKAP-PERANGKAP/ TRAPS			Pancing Hook and Lines	Pukat Bakul Bag Nets	Pukat Rerang Banner Nets	Pukat Surung Purse/Scoop Nets	Memungut Skipet Shellfish Collection	Rampalan Miscellaneous	Jumlah Ton M. dan Nilai Total M. Tonnes and Value
			Pukat Jentik Ikan Purse-Seine Fish	Pukat Jentik Bilis Purse Seine Anchovy	Lain-lain Other Seines			Belat-belat Stationary	Bubu Portable								
Grade I	Tonnes	..	4,674.13	1,540.00	32,805.22	32.48	14,660.22	1,206.11	574.83	1,034.26	5,365.20	137.45	20.47	—	—	—	62,050.37
	N.B. \$	..	28,371,969	9,347,800	199,127,685	197,154	88,987,535	7,321,088	3,489,218	6,277,958	32,566,764	834,322	124,253	—	—	—	376,645,746
	N.R. \$	..	331,863.23	109,340.00	232,917,062	230,608	104,087,562	8,563,381	4,081,293	7,343,246	38,092,920	975,895	145,337	—	—	—	440,557,627
Grade II	Tonnes	..	2,165.99	312.64	—	18.08	667.09	92.06	40.61	2,341.62	2,587.81	3.45	4.11	—	—	—	8,233.46
	N.B. \$	..	6,627,929	956,678	—	55,325	2,041,295	281,704	124,267	7,165,357	7,918,699	10,557	12,577	—	—	—	25,194,388
	N.R. \$	..	8,295,742	1,197,411	—	69,246	2,554,955	352,590	155,536	8,968,405	9,911,312	13,214	15,741	—	—	—	31,534,152
Grade III	Tonnes	..	62,716.71	120,892.52	1,892.28	8,304.10	39,705.62	21,864.69	3,896.95	4,871.42	22,514.60	11,258.52	728.34	1,043.96	—	3,504.73	303,194.44
	N.B. \$	..	89,684,895	172,876,304	2,705,960	11,874,863	58,779,037	31,266,507	5,572,638	6,966,131	32,195,878	16,099,684	1,041,526	1,492,863	—	5,011,764	433,568,050
	N.R. \$	..	124,806,253	240,576,115	3,765,637	16,525,159	79,014,184	43,510,733	7,754,930	9,694,126	44,804,054	22,404,455	1,449,397	2,077,480	—	6,974,413	603,356,936
Prawn Big	Tonnes	..	1,820.09	—	—	212.45	2,835.33	—	3.31	6.36	—	115.08	26.85	29.62	—	8.09	5,057.18
	N.B. \$	..	29,121,440	—	—	3,399,200	45,365,280	—	52,960	101,760	—	1,841,280	429,600	473,920	—	129,440	80,914,880
	N.R. \$	..	33,562,460	—	—	3,917,578	52,263,485	—	61,036	117,278	—	2,122,075	495,114	546,193	—	149,180	93,254,399
Prawn Medium	Tonnes	..	7,145.74	—	—	3,582.02	3,110.05	—	46.49	—	—	873.34	21.23	701.30	—	8.04	15,488.21
	N.B. \$	..	60,095,673	—	—	30,124,788	26,155,521	—	390,981	—	—	7,344,790	178,544	5,897,933	—	67,617	130,255,847
	N.R. \$	..	70,599,911	—	—	35,390,358	30,727,294	—	459,321	—	—	8,628,599	209,753	6,928,844	—	79,435	153,023,515
Prawn Small	Tonnes	..	15,638.83	—	—	7,176.19	1,480.73	—	136.25	—	—	3,100.90	100.94	1,430.01	—	1.39	29,065.24
	N.B. \$	..	48,323,985	—	—	22,174,427	4,575,456	—	421,012	—	—	9,581,781	311,905	4,418,731	—	4,295	89,811,582
	N.R. \$	..	60,991,437	—	—	27,987,141	5,774,847	—	531,375	—	—	12,093,510	393,666	5,577,039	—	5,421	113,354,436
Ikan Baja Menure Fish	Tonnes	..	140,110.06	1,571.86	248.09	6,269.96	2,493.63	—	1,104.79	264.13	29.89	2,489.78	50.21	450.88	—	—	155,083.28
	N.B. \$	..	30,118,404	356,064	29,771	1,442,091	572,184	—	250,708	60,750	6,875	529,023	11,548	103,702	—	—	33,481,120
	N.R. \$	..	65,770,351	798,989	37,213	3,260,379	1,292,144	—	563,076	137,348	15,543	1,147,944	26,109	234,458	—	—	73,263,554
Kerang/ Siput Shellfish	Tonnes	..	—	—	—	—	—	—	—	—	—	—	—	—	71,142.87	—	71,142.87
	N.B. \$	..	—	—	—	—	—	—	—	—	—	—	—	—	44,820,008	—	44,820,008
	N.R. \$	..	—	—	—	—	—	—	—	—	—	—	—	—	66,162,869	—	66,162,869
JUMLAH TOTAL	Tonnes	..	234,271.55	124,317.02	34,945.59	25,595.28	64,952.67	23,162.86	5,803.23	8,517.79	30,497.50	17,978.52	952.15	3,655.77	71,142.87	3,522.25	649,315.05
	N.B. \$	..	292,344,295	183,536,846	201,863,416	69,267,848	224,476,308	38,869,299	10,301,784	20,571,956	72,688,216	36,241,437	2,109,953	12,387,149	44,820,008	5,213,116	1,214,691,631
	N.R. \$	..	397,212,477	253,506,515	236,719,912	87,380,469	275,734,471	52,426,704	13,606,567	26,260,403	92,823,829	47,385,692	2,735,117	15,364,014	66,162,869	7,208,449	1,574,527,488

N.B. \$ = Nilai harga borong/Wholesale value in Malaysian Dollars.

N.R. \$ = Nilai harga runcit/Retail Value in Malaysian Dollars.

JADUAL (TABLE) 3.6

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PENGUNAAN PENDARATAN IKAN LAUT, 1981
DISPOSITION OF MARINE FISH LANDINGS, 1981

109	Cara Penggunaan Disposition Channel			Negeri/State	Perlis	Kedah	Pulau Pinang Penang	Perak	Selangor	Negeri Sembilan	Melaka Malacca	Kelantan	Trengganu	Pahang	Johor	Jumlah Total Ton Metrik M. Tonnes
	Diguna secara hidup <i>Disposed alive</i>	..	..	..	—	—	—	—	—	—	—	—	—	—	—	—
	Diguna secara basah <i>Disposed fresh</i>	..	..	..	32,837.26	38,372.26	26,189.47	100,409.60	18,403.68	743.83	2,383.77	8,647.30	128,780.86	20,590.86	39,861.50	417,220.39
	Diguna untuk dibeku <i>Disposed for freezing</i>	..	..	..	—	—	—	—	—	—	—	—	—	—	—	—
	Diguna untuk mengetin <i>Disposed for canning</i>	..	..	..	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	Diguna untuk diawitkan: <i>Disposed for curing:</i>															
	Kering/Masin/Diasap <i>Dried/Salted/Smoked</i>	..	..	..	44.03	33,296.48	821.18	13,844.73	11,422.38	—	11.50	129.97	6,346.08	3,758.75	155.24	69,830.34
	Rebus <i>Steamed/boiled</i>	..	..	..	—	—	—	2,230.86	—	—	—	—	13.61	—	—	2,244.47
	Diragikan <i>Fermented</i>	..	..	..	7.56	76.93	2,074.80	2,868.28	10.41	—	90.20	—	581.47	—	463.39	6,173.04
	Lain-lain <i>Others</i>	..	..	..	2.69	11.45	—	237.80	—	—	—	22.71	1,682.72	179.34	268.42	2,405.13
	Diguna untuk mengubahkan <i>Disposed for reduction</i>	..	..	..	—	69,880.96	4,087.12	25,646.20	10,987.04	—	—	—	203.28	2,140.12	15,772.32	128,717.04
	Digunakan untuk lain-lain <i>Disposed for others</i>	..	..	..	—	6,390.20	952.82	2,051.22	7,212.13	—	—	54.45	2,826.17	3,237.65	—	22,724.64
	JUMLAH/TON METRIK TOTAL/M. TONNES	..	..	..	32,891.54	148,028.28	34,125.39	147,288.69	48,035.64	743.83	2,485.47	8,854.43	140,434.19	29,906.72	56,520.87	649,315.05

*N.A.—Tidak terdapat (Not available).

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

NILAI IKAN LAUT YANG DIPROSES, 1981
PROCESSED MARINE FISH PRODUCTS, 1981

Negeri/State	Jenis Hasil Pengeluaran Type of Products	Ikan Masin/ Ikan Kering Salted/Dried Fish	Bilis Kering Dried Anchovies	Ikan Rebus Boiled Fish	Ikan Baji Manure Fish	Tapung Ikan Fish Meal	Udang Kering Dried Prawn	Tapung/Kuli Udang Prawn Dust	Otak Udang Prawn Paste	Belacan Shrimp Paste	Kerupok/Crackers		Cincaluk Pickled Prawn	Sotong Kering Dried Cuttle fish	Budu Fermented Anchovies	Ubur-ubur Dried Jelly Fish	Kerang Kering Dried Cockles	Ikan Aja dissap Smoked Tuna	Jumlah Total/ Metric Ton M. Tonnes
											Ikan Fish	Udang Prawn							
Perlis		18.57	—	—	—	—	3.27	—	—	2.42	—	1.75	—	—	—	—	—	—	26.01
Kedah		3,468.12	6,866.06	—	3,834.12	27,952.39	13.01	—	5.14	8.17	3.57	3.87	—	—	—	—	—	—	42,154.45
Pulau Pinang .. Penang		460.62	—	—	571.69	1,021.78	13.37	—	131.88	241.92	—	—	—	—	—	—	—	—	2,441.26
Perak		1,715.30	1,810.47	1,784.69	1,230.73	6,411.55	336.18	—	—	917.85	45.13	109.44	—	—	—	239.93	—	—	14,601.27
Selangor		715.91	—	—	4,327.28	2,746.76	669.39	—	—	3.33	—	—	—	4.36	—	342.53	410.89	—	9,220.45
Negeri Sembilan		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Melaka Malacca		6.90	—	—	—	—	—	—	—	23.83	—	—	4.72	—	—	—	—	—	35.45
Johor Johore		33.70	10.40	—	—	3,895.77	0.66	47.31	—	82.46	159.83	14.64	61.71	0.60	—	—	—	15.73	4,322.81
Kelantan		77.98	—	—	32.67	—	—	—	—	—	13.85	0.91	—	—	—	—	—	—	125.41
Trengganu		2,721.48	220.45	10.89	1,695.70	50.82	69.63	—	54.87	0.48	1,093.77	—	—	162.49	9.38	—	—	—	6,089.96
Pahang		294.74	816.88	—	1,942.59	535.03	—	—	—	—	115.37	1.20	—	—	—	—	—	—	3,705.81
Jumlah TOTAL		9,513.32	9,724.26	1,795.58	13,634.78	42,614.10	1,105.51	47.31	191.89	1,280.46	1,431.52	131.81	66.43	167.45	9.38	582.46	410.89*	15.73	82,722.88

Termasuk 117.97 M. Ton Lala Kering.
Includes 117.97 M. Tonnes of Dried Lala.

JADUAL (TABLE) 3.8

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
KILANG-KILANG AIR BATU DAN KEMUDAHAN-KEMUDAHAN PENYEJUK DI TARIKH 31-12-81
ICE FACTORIES AND REFRIGERATION FACILITIES AS AT 31-12-81

Negeri/State	Ice Factories						Refrigeration Establishments			Total Storage Capacity	
	Daily Production Capacity			Storage Capacity			Storage Capacity			Ice (Tons)	Fish (Tons)
	No.	Tons	Blocks	Lbs. Per Block	Ice (Tons)	Fish (Tons)	No.	Ice (Tons)	Fish (Tons)		
Perlis	2	150	1,350	224-320	700	—	6	110	40	810	40
Kedah	5	222	2,220	224	498	—	19	366	2,205	864	2,205
Pulau Pinang Penang	7	570	3,905	224-320	500	2,735	13	403	6,205	903	8,940
Perak	17	1,432	15,815	200-320	2,700	1,817	38	172	762	2,872	2,579
Selangor	15	270	3,000	60-224	209	34	18	411	406	620	440
Negeri Sembilan	1	12	—	224	13	—	1	25	—	38	—
Melaka Malacca	2	75	525	320	84	300	—	—	—	84	300
Kelantan	16	104	1,435	25-250	189	166	2	7	7	196	173
Trengganu	8	135	1,163	26-300	177	32	5	135	124	312	156
Pahang	8	204	7,893	20-224	433	142	4	14	42	447	184
Johor Johore	7	350	7,448	60-224	215	—	18	440	5	655	5
JUMLAH TOTAL ..	88	3,524	44,754	—	5,718	5,226	124	2,083	9,796	7,801	15,022

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA
HASIL PERIKANAN DALAM RINGGIT MALAYSIA, 1981
FISHERIES REVENUE IN MALAYSIAN RINGGIT, 1981

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JENIS HASIL Type of revenue Negeri State	HASIL NEGERI/STATE REVENUE					HASIL PERSEKUTUAN/FEDERAL REVENUE										Jumlah Total	Jumlah Besar Grand Total
	Perahu Boat	Perikanan Fishing	Patil Perahu Boat No. Plate	Lain-Lain Miscellaneous	Jumlah Total	Jualan Perikanan Fisheries Sales			Pelbagai Bayaran dan Pindah Milik Miscellaneous and boat transfer fee	Sewa Rumah Rent of Govt. Quarter	Kampaun atau Denda Compound/ Fine	Bayaran Masuk Akuarium Entrance fee	Sewa Bilik Sejok Rent of Cold Room	Jualan Harta Kerajaan Sales of Govt. property			
						Ikan Fish	Patil Belat Stake No. Plate	Jualan Bot Sale of Confiscated boat									
Perlis	8,608.07	18,111.00	729.00	—	27,448.07	—	15.00	—	245.50	—	—	—	—	—	260.50	27,708.57	
Kedah	33,255.62	43,720.00	3,001.00	—	79,976.62	—	3.00	16,300.00	11,659.00	—	43,600.00	—	—	—	71,562.00	151,538.62	
P. Pinang ..	22,042.88	24,969.00	2,732.00	—	49,743.88	2,028.58	—	—	376.50	6,330.00	49,550.00	124,792.50	—	1,158.40	184,235.98	233,979.86	
Penang																	
Perak	68,468.73	108,271.00	6,465.00	—	183,204.73	—	—	—	653.50	—	42,800.00	—	—	—	43,453.50	226,658.23	
Selangor ..	41,170.82	47,025.00	3,753.00	—	91,948.82	—	—	—	47,648.31	—	24,100.00	—	—	13,370.23	85,118.54	177,067.36	
Negeri Sem- bilan	829.83	645.00	229.00	—	1,703.83	—	—	—	22.00	—	—	—	—	—	22.00	1,725.83	
Melaka	2,854.74	2,531.00	907.00	—	6,292.74	—	3.00	—	72.50	—	200.00	—	—	—	275.50	6,568.24	
Malacca																	
Kelantan ..	9,359.37	10,831.50	1,779.00	1,222.00	23,191.87	—	—	—	612.50	—	3,050.00	—	9,620.00	11.00	13,293.50	36,485.37	
Trengganu ..	26,323.07	21,547.00	3,754.00	1,520.00	53,144.07	—	—	39,658.20	1,306.20	—	11,900.00	—	22,991.10	—	75,855.50	128,999.57	
Pahang	11,652.96	17,465.00	1,166.00	79,800.00	110,083.96	—	—	—	135.00	—	2,500.00	—	—	—	2,635.00	112,718.96	
Johor	34,499.92	53,034.00	5,886.00	—	93,419.92	—	1,611.00	1,689.55	330.50	—	56,100.00	—	—	—	59,731.05	153,150.97	
JUMLAH/TOTAL ..	259,066.01	348,149.50	30,401.00	82,542.00	720,158.51	2,028.58	1,632.00	57,647.75	63,061.51	6,330.00	233,800.00	124,792.50	32,611.10	14,539.63	536,443.07	1,256,601.58	

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT DAN EKSPORT BARANGAN PERIKANAN, 1981*
IMPORTS AND EXPORTS OF FISHERY COMMODITIES, 1981*

(Value in Malaysian Dollars)

S.I.T.C. Commodity Code	Description of Commodity	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
FISH, FRESH, CHILLED OR FROZEN (excluding fillets)						
034 110 00	Fish fry, alive	1000	1,579.23	484,534	43.69	11,600
034 120 00	Fish for aquaria, alive	100	94,105.22	1,200,894	41,162.45	247,471
034 131 00	Tuna fresh, chilled	Tonne	68.53	194,485	0.36	937
034 132 00	Sauries, fresh, chilled	Tonne	—	—	—	—
034 139 00	Marine fish—other than tuna and sauries, fresh, chilled	Tonne	60,301.93	32,125,968	32,980.04	18,579,083
034 140 00	Freshwater fish, fresh, chilled ..	Tonne	65.01	614,912	100.60	87,757
034 300 00	Fish fillets, fresh or chilled	Tonne	4.03	13,571	2.04	2,084
034 211 00	Tuna frozen	Tonne	132.98	122,567	117.52	553,717
034 212 00	Sauries, frozen	Tonne	0.01	80	—	—
034 219 00	Marine fish—other than tuna and sauries, frozen	Tonne	2,017.65	4,466,703	968.55	1,879,785
034 220 00	Freshwater fish, frozen	Tonne	5.60	62,390	8.00	7,996
034 400 00	Fish fillets, frozen	Tonne	7.57	49,141	3.67	16,639
TOTAL ..			62,603.31	39,335,245	34,180.78	21,387,069
FISH-DRIED, SALTED, IN BRINE OR SMOKED						
035 010 00	Fish meal fit for human consumption	Tonne	8.55	15,031	0.40	5,978
035 020 00	Cod, not in fillets, dried	Tonne	1.24	4,648	13.33	26,891
035 031 00	Fishmaws (excl. cod) dried, salted or in brine	Tonne	44.80	283,952	21.90	46,039
035 032 00	Sharks's fins dried, salted or in brine	Tonne	268.97	2,947,814	11.80	426,326
035 039 10	Other marine fish (excl. cod) dried, salted or in brine	Tonne	4,231.13	5,004,627	5,686.76	6,967,120
035 039 20	Freshwater fish dried, salted or in brine	Tonne	297.44	114,195	70.37	114,406
035 041 00	Smoked salmon	Tonne	3.79	141,708	0.01	413
035 049 00	Other fish smoked, excl. salmon	Tonne	3.87	47,783	238.48	508,347
TOTAL ..			4,859.79	8,559,758	6,043.05	8,095,520

* provisional figures.

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT DAN EKSPORT BARANGAN PERIKANAN, 1981*—(samb.)
IMPORTS AND EXPORTS OF FISHERY COMMODITIES, 1981*—(cont.)

(Value in Malaysian Dollars)

S.I.T.C. Commodity Code	Description of Commodity	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
CRUSTACEANS AND MOLLUSCS FRESH, CHILLED, FROZEN, DRIED, SALTED, IN BRINE OR SIMPLY BOILED						
036 011 00	Prawns, fresh, chilled	Tonne	16,888.63	8,601,616	3,368.15	3,889,665
036 012 00	Prawns, fresh, frozen	Tonne	1,979.76	8,657,040	1,870.00	29,398,800
036 013 00	Prawns, salted, in brine dried or simply boiled	Tonne	1,154.14	1,464,451	915.12	2,984,686
036 019 00	Other prawns	Tonne	75.67	284,680	83.51	206,626
036 021 00	Crustaceans (excl. prawns)—fresh, chilled or frozen	Tonne	785.59	1,918,000	309.62	1,070,447
036 028 00	Crustaceans (excl. prawns)—salted, in brine, dried or simply boiled	Tonne	35.73	171,835	4.00	12,252
036 029 00	Crustaceans (excl. prawns)—others	Tonne	224.32	677,737	100.59	188,454
036 030 00	Oysters	Tonne	242.15	1,459,552	16.40	22,103
036 041 00	Molluscs (excl. oysters)—fresh, chilled, frozen	Tonne	6,078.35	7,082,471	32,177.82	15,361,814
036 048 00	Molluscs (excl. oysters)—salted, in brine, dried or simply boiled	Tonne	2,215.77	10,801,481	2,693.77	11,154,110
036 049 00	Molluscs (excl. oysters)—others ..	Tonne	60.64	332,644	262.80	744,201
011 891 00	Beche-de-mer (trepang) fresh, chilled or frozen	Tonne	7.77	57,651	0.60	1,153
012 902 00	Beche-de-mer (trepang) salted, in brine, dried or smoked	Tonne	501.22	1,752,037	2.82	10,935
TOTAL ..			30,249.74	43,261,195	41,805.20	65,045,246
PREPARED OR PRESERVED FISH In airtight containers:						
037 111 00	Sardines	Tonne	8,049.09	21,117,440	1,211.19	2,118,019
037 112 00	Herrings and brislings	Tonne	36.48	352,097	1.27	4,575
037 113 00	Pilchards	Tonne	0.20	1,177	118.83	541,856
037 114 00	Salmon	Tonne	17.94	113,574	22.15	51,999
037 115 00	Sauries	Tonne	0.01	39	9.82	30,114
037 116 00	Tuna	Tonne	102.22	455,883	4,777.10	26,145,766
037 117 00	Horse mackerels	Tonne	5,601.03	16,595,315	973.69	1,442,854
037 119 00	Other	Tonne	1,391.11	3,752,749	1,959.96	5,761,791
TOTAL ..			15,198.08	42,388,274	9,074.01	36,096,974
In other than airtight containers:						
037 191 00	Shark's fins	Tonne	2.58	22,075	0.20	5,380
037 192 00	Fish paste and similar preparations	Tonne	6.11	26,228	35.86	49,719
037 193 00	Fish, boiled or steamed	Tonne	0.41	3,744	4.19	12,093
037 199 00	Other	Tonne	150.94	405,597	295.15	640,285
TOTAL ..			160.04	457,644	335.40	707,477

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT DAN EKSPORT BARANGAN PERIKANAN, 1981*—(samb.)
IMPORTS AND EXPORTS OF FISHERY COMMODITIES, 1981*—(cont.)
 (Value in Malaysian Dollars)

S.I.T.C. Commodity Code	Description of Commodity	Unit of Quantity	IMPORTS		EXPORTS	
			Quantity	Value \$	Quantity	Value \$
PREPARED OR PRESERVED CRUSTACEANS AND MOLLUSCS In airtight containers:						
037 211 00	Abalone	Tonne	179.96	2,297,417	57.73	324,047
037 212 00	Prawns and shrimps	Tonne	40.29	132,459	1,463.04	9,158,046
037 213 00	Crabs	Tonne	34.90	194,735	530.52	4,834,620
037 214 00	Cuttlefish	Tonne	278.53	650,780	2,283.42	1,719,614
037 219 00	Other	Tonne	56.76	203,404	880.21	2,938,089
TOTAL ..			590.44	3,478,795	5,214.92	18,974,416
037 220 00	In other than airtight containers	Tonne	1,269.81	4,798,649	11,605.50	100,714,854
FATS AND OILS, OF FISH AND MARINE MAMMALS						
411 110 00	Fish liver oil	Tonne	18.93	46,140	2.94	8,159
411 120 00	Other fish oils and fats	Tonne	13.45	21,718	0.93	1,756
411 130 00	Oils and fats of marine mammals ..	Tonne	0.22	1,910	—	—
TOTAL ..			32.60	69,768	3.87	9,915
FLOURS AND MEALS, OF FISH, CRUSTACEANS OR MOLLUSCS, UNFIT FOR HUMAN CONSUMPTION						
081 421 00	Fish meal	Tonne	25,592.93	12,039,416	1,064.11	358,665
081 422 00	Prawn dust	Tonne	739.00	79,078	209.90	43,795
081 429 00	Other	Tonne	33.01	42,902	886.25	203,315
TOTAL ..			26,364.94	12,161,396	2,160.26	605,775
MISCELLANEOUS						
098 059 20	Soups and broths in liquid, solid or powder form of fish, crustaceans and molluscs	Tonne	2.63	28,694	1.82	14,396
098 109 20	Homogenised composite food preparations of fish, crustaceans and molluscs	Tonne	3.92	34,588	1.88	23,628
098 081 00	Turtles eggs	100	57.00	2,997	—	—
291 940 00	Fish Waste	Tonne	21.42	33,115	0.88	725
219 150 00	Coral etc. unworked	Tonne	18.27	14,751	5,563.26	153,976
291 970 00	Natural sponges	Tonne	0.25	4,838	0.20	1,814
291 991 00	Other products of fish, crusraceans and molluscs	Tonne	2.32	8,459	6.34	22,718
098 049 10	Belacan	Tonne	170.06	36,437	7,237.16	2,553,347
271 101 00	Crude fish fertilizers	Tonne	2.72	8,151	—	—
592 234 00	Fish glues	Tonne	0.42	1,785	0.01	37
667 101 00	Pearls (not set or strung)—cultured	Value	0.00	129,043	0.00	5,503
667 109 00	Pearls (not set or strung)—other ..	Value	0.00	26,827	—	—
292 981 00	Sea-weed products	Tonne	162.65	460,929	191.07	98,203
292 922 00	Sea-grass	Tonne	134.23	79,011	4.46	2,008
TOTAL ..			518.89	869,625	13,007.08	2,876,355
GRAND TOTAL ..			141,847.64	155,380,349	123,430.07	254,513,601

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981
(Value in Malaysian Dollars)

Description of Commodity and Countries of Origin										Unit of Quantity	Quantity	Value \$
Fish fry, alive										1,000		
Thailand	..	..	..	..	..	..	..	..	..		611.32	245,743
Singapore	..	..	..	..	..	..	..	..	..		493.58	124,263
Taiwan	..	..	..	..	..	..	..	..	..		157.41	87,619
Hong Kong	..	..	..	..	..	..	..	..	..		112.34	18,179
Others	..	..	..	..	..	..	..	..	..		204.58	8,730
TOTAL											1,579.23	484,534
Fish for aquaria, alive										100		
Singapore	..	..	..	..	..	..	..	..	..		40,120.78	635,345
Thailand	..	..	..	..	..	..	..	..	..		10,135.21	312,584
Taiwan	..	..	..	..	..	..	..	..	..		39,994.25	134,201
Hong Kong	..	..	..	..	..	..	..	..	..		2,854.99	105,252
Others	..	..	..	..	..	..	..	..	..		999.99	13,512
TOTAL											94,105.22	1,200,894
Tuna, fresh, chilled										Tonne		
New Zealand	..	..	..	..	..	..	..	..	..		29.71	88,917
Pakistan	..	..	..	..	..	..	..	..	..		27.00	59,527
Singapore	..	..	..	..	..	..	..	..	..		11.68	43,850
Japan	..	..	..	..	..	..	..	..	..		0.14	2,191
TOTAL											68.53	194,485
Sauries, fresh, chilled										Tonne	—	—
TOTAL											—	—
Marine fish-other than tuna and sauries, fresh, chilled										Tonne		
Thailand	..	..	..	..	..	..	..	..	..		57,795.00	29,161,403
Indonesia	..	..	..	..	..	..	..	..	..		1,510.95	1,764,580
Singapore	..	..	..	..	..	..	..	..	..		472.90	436,500
Taiwan	..	..	..	..	..	..	..	..	..		67.66	147,553
New Zealand	..	..	..	..	..	..	..	..	..		265.56	132,776
Pakistan	..	..	..	..	..	..	..	..	..		46.20	129,990
Japan	..	..	..	..	..	..	..	..	..		6.24	127,055
South Africa	..	..	..	..	..	..	..	..	..		55.72	46,050
Bangladesh	..	..	..	..	..	..	..	..	..		23.50	36,861
Others	..	..	..	..	..	..	..	..	..		58.20	143,200
TOTAL											60,301.93	32,125,968
Freshwater fish, fresh, chilled										Tonne		
Thailand	..	..	..	..	..	..	..	..	..		32.33	564,042
Hong Kong	..	..	..	..	..	..	..	..	..		27.39	15,581
Taiwan	..	..	..	..	..	..	..	..	..		0.57	11,374
Others	..	..	..	..	..	..	..	..	..		4.72	23,915
TOTAL											65.01	614,912

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IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981—(samb.)
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)

(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Fish fillets, fresh or chilled	Tonne		
U. K.		1.38	11,762
Thailand		2.60	1,550
Japan		0.04	245
Australia		0.01	14
TOTAL		4.03	13,571
Tuna, frozen	Tonne		
Taiwan		130.66	117,632
Singapore		2.30	4,600
Japan		0.02	335
TOTAL		132.98	122,567
Sauries, frozen	Tonne		
France		0.01	80
TOTAL		0.01	80
Marine fish-other than tuna and sauries, frozen	Tonne		
New Zealand		879.58	2,205,543
Singapore		761.19	569,039
Japan		13.69	431,634
Pakistan		33.73	294,887
Bangladesh		26.72	165,773
India		37.93	136,981
U. S. A.		8.21	99,003
Thailand		76.94	94,547
Indonesia		82.44	91,458
Others		97.22	377,838
TOTAL		2,017.65	4,466,703
Freshwater fish, frozen	Tonne		
Canada		4.15	51,935
Denmark		0.47	4,622
U. S. A.		0.40	3,103
Others		0.58	2,730
TOTAL		5.60	62,390
Fish fillets, frozen	Tonne		
U. K.		2.45	23,083
Japan		1.79	8,435
Denmark		1.20	8,095
Bangladesh		0.52	3,504
Others		1.61	6,024
TOTAL		7.57	49,141

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IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981—(samb.)
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)

(Value in Malaysian Dollars)

Description of Commodity and Countries of Origin	Unit of Quantity	Quantity	Value \$
Fish meal fit for human consumption	Tonne		
Korea Democratic People's Rep. of		6.25	6,904
U.S.A.		0.88	4,410
Japan		0.08	2,377
Korea Rep. of		1.34	1,340
TOTAL ..		8.55	15,031
Cod, not in fillets, dried	Tonne		
Japan		1.23	4,290
Singapore		0.01	358
TOTAL ..		1.24	4,648
Fishmaws (excl. cod) dried, salted or in brine	Tonne		
Indonesia		34.72	214,736
Hong Kong		5.37	30,055
India		1.08	17,117
Others		3.63	22,044
TOTAL ..		44.80	283,952
Sharks' fins dried, salted or in brine	Tonne		
Indonesia		168.45	2,084,938
Japan		52.39	409,633
Singapore		35.15	317,455
India		5.42	83,511
Norway		2.63	26,300
Others		4.93	25,977
TOTAL ..		268.97	2,947,814
Other marine fish (excl. cod) dried, salted or in brine	Tonne		
Thailand		3,775.13	3,961,509
Burma		164.30	567,208
Indonesia		89.47	130,810
Taiwan		99.81	101,691
Hong Kong		24.37	72,053
Singapore		28.95	50,687
U. K.		11.30	33,876
Korea Democratic People's Rep. of		18.53	25,165
Japan		3.83	14,605
Others		15.44	47,023
TOTAL ..		4,231.13	5,004,627

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IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981—(samb.)
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)

(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Freshwater fish dried, salted or in brine	Tonne		
Thailand		106.18	92,061
Indonesia		3.86	8,562
China		184.00	4,324
Korea, Rep. of		0.40	4,020
Others		3.00	5,228
TOTAL ..		297.44	114,195
Smoked Salmon	Tonne		
Thailand		1.68	71,780
Canada		0.44	15,204
U. S. A		0.67	16,854
U. K.		0.44	15,147
Others		0.56	22,723
TOTAL ..		3.79	141,708
Other fish smoked, excl. salmon	Tonne		
U. K.		2.99	39,934
Denmark		0.10	2,455
Singapore		0.37	1,755
Netherlands		0.15	1,631
Others		0.26	2,008
TOTAL ..		3.87	47,783
Prawns, fresh, chilled	Tonne		
Thailand		16,684.09	8,234,364
Indonesia		111.08	207,604
Sabah		16.84	89,234
Singapore		76.20	63,050
Others		0.42	7,364
TOTAL ..		16,888.63	8,601,616
Prawns, fresh, frozen	Tonne		
Thailand		1,467.52	7,578,796
Indonesia		277.53	835,551
Singapore		204.97	182,735
Sarawak		25.82	48,781
Others		3.92	11,177
TOTAL ..		1,979.76	8,657,040
Prawns, salted, in brine, dried or simply boiled	Tonne		
Thailand		829.48	803,771
Indonesia		313.08	625,447
Korea, Rep. of		4.40	12,170
Singapore		3.89	11,866
Others		3.29	11,197
TOTAL ..		1,154.14	1,464,451

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IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981—(samb.)
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)

(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Other prawns	Tonne		
Japan		8.17	101,785
New Zealand		4.36	67,745
Thailand		54.11	34,360
U. K.		2.00	32,580
Indonesia		3.09	15,281
Others		3.94	32,929
TOTAL ..		75.67	284,680
Crustaceans (excl. prawns)-fresh, chilled or frozen	Tonne		
Indonesia		186.20	1,424,516
Thailand		552.64	331,055
Australia		5.53	88,309
New Zealand		20.96	24,376
Others		20.26	49,744
TOTAL ..		785.59	1,918,000
Crustaceans (excl. prawns)-salted, in brine, dried or simply boiled	Tonne		
Hong Kong		7.30	63,926
China		3.15	22,050
Korea Democratic People's Rep. of		2.00	21,946
Japan		2.37	21,254
Canada		5.36	16,955
Korea, Rep. of		3.09	10,551
Others		12.46	15,153
TOTAL ..		35.73	171,835
Crustaceans (excl. prawns)-others	Tonne		
Indonesia		66.15	294,792
Thailand		116.89	170,679
U. K.		4.00	54,777
China		10.86	47,295
Philippines		0.63	24,990
Singapore		10.85	23,450
U. S. A.		1.77	15,939
Others		13.17	45,815
TOTAL ..		224.32	677,737

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IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981—(samb.)
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)
(Value in Malaysian Dollars)

Description of Commodity and Countries of Origin										Unit of Quantity	Quantity	Value \$
Oysters										Tonne		
Korea, Rep. of	..	..	..	..	..	..	..	..	..		179.61	1,031,988
New Zealand	..	..	..	..	..	..	..	..	..		16.88	127,788
Japan	..	..	..	..	..	..	..	..	..		8.20	98,994
Hong Kong	..	..	..	..	..	..	..	..	..		14.73	51,679
France	..	..	..	..	..	..	..	..	..		2.55	35,651
Indonesia	..	..	..	..	..	..	..	..	..		4.07	31,703
Singapore	..	..	..	..	..	..	..	..	..		5.30	25,178
Korea Democratic People's Rep. of	..	..	..	..	..	..	..	..	..		3.89	23,262
Australia	..	..	..	..	..	..	..	..	..		1.77	19,666
Others	..	..	..	..	..	..	..	..	..		5.15	13,643
TOTAL										..	242.15	1,459,552
Molluscs (excl. oysters) fresh, chilled, frozen										Tonne		
Thailand	..	..	..	..	..	..	..	..	..		4,939.78	5,915,185
New Zealand	..	..	..	..	..	..	..	..	..		562.85	281,482
Australia	..	..	..	..	..	..	..	..	..		17.42	241,269
Singapore	..	..	..	..	..	..	..	..	..		337.10	198,421
Korea, Rep. of	..	..	..	..	..	..	..	..	..		14.43	130,531
Indonesia	..	..	..	..	..	..	..	..	..		168.64	101,726
Hong Kong	..	..	..	..	..	..	..	..	..		7.54	72,588
Japan	..	..	..	..	..	..	..	..	..		1.82	38,753
Philippines	..	..	..	..	..	..	..	..	..		2.00	25,124
Others	..	..	..	..	..	..	..	..	..		26.77	77,392
TOTAL										..	6,078.35	7,082,471
Molluscs (excl. oysters)-salted, in brine, dried or simply boiled										Tonne		
Canada	..	..	..	..	..	..	..	..	..		326.72	2,793,173
Thailand	..	..	..	..	..	..	..	..	..		1,213.10	2,115,722
Hong Kong	..	..	..	..	..	..	..	..	..		255.35	1,581,340
Korea, Rep. of	..	..	..	..	..	..	..	..	..		150.52	1,432,167
Japan	..	..	..	..	..	..	..	..	..		24.74	1,333,624
Indonesia	..	..	..	..	..	..	..	..	..		113.54	560,840
Philippines	..	..	..	..	..	..	..	..	..		42.86	390,514
Korea, Democratic People's Rep. of	..	..	..	..	..	..	..	..	..		14.38	174,744
Sabah	..	..	..	..	..	..	..	..	..		1.73	142,649
Others	..	..	..	..	..	..	..	..	..		72.83	276,708
TOTAL										..	2,215.77	10,801,481

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IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)

(Value in Malaysian Dollars)

Description of Commodity and Countries of Origin										Unit of Quantity	Quantity	Value \$
Molluscs (excl. oysters)-others										Tonne		
Australia	..	..	..	..	..	..	..	..	..		6.42	83,637
Thailand	..	..	..	..	..	..	..	..	..		22.11	50,858
Canada	..	..	..	..	..	..	..	..	..		4.14	49,119
Korea, Rep. of	..	..	..	..	..	..	..	..	..		3.83	41,425
Japan	..	..	..	..	..	..	..	..	..		6.26	39,132
Hong Kong	..	..	..	..	..	..	..	..	..		5.48	30,475
New Zealand	..	..	..	..	..	..	..	..	..		10.80	22,808
Others	..	..	..	..	..	..	..	..	..		1.60	15,190
TOTAL											60.64	332,644
Beche-de-mer (trepang) fresh, chilled or frozen										Tonne		
India	..	..	..	..	..	..	..	..	..		2.71	27,693
New Zealand	..	..	..	..	..	..	..	..	..		0.90	14,943
Indonesia	..	..	..	..	..	..	..	..	..		3.55	13,409
Others	..	..	..	..	..	..	..	..	..		0.61	1,606
TOTAL											7.77	57,651
Beche-de-mer (trepang) salted, in brine, dried or smoked										Tonne		
Indonesia	..	..	..	..	..	..	..	..	..		450.99	1,568,111
India	..	..	..	..	..	..	..	..	..		32.61	142,126
Philippines	..	..	..	..	..	..	..	..	..		9.61	20,116
Others	..	..	..	..	..	..	..	..	..		8.01	21,684
TOTAL											501.22	1,752,037
Sardines in airtight containers										Tonne		
Japan	..	..	..	..	..	..	..	..	..		7,435.39	19,650,626
Thailand	..	..	..	..	..	..	..	..	..		434.48	877,428
Chile	..	..	..	..	..	..	..	..	..		109.75	319,264
Norway	..	..	..	..	..	..	..	..	..		26.82	153,063
Peru	..	..	..	..	..	..	..	..	..		22.49	46,523
U.S.A.	..	..	..	..	..	..	..	..	..		6.18	26,008
Others	..	..	..	..	..	..	..	..	..		13.98	44,528
TOTAL											8,049.09	21,117,440
Herrings and brislings in airtight containers										Tonne		
China	..	..	..	..	..	..	..	..	..		20.06	220,733
Hong Kong	..	..	..	..	..	..	..	..	..		13.96	124,744
Others	..	..	..	..	..	..	..	..	..		2.46	6,620
TOTAL											36.48	352,097
Pilchards in airtight containers										Tonne		
Japan	..	..	..	..	..	..	..	..	..		0.20	1,177
TOTAL											0.20	1,177

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IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981—(samb.)
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)

(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Salmon in airtight containers	Tonne		
Japan		14.69	74,728
U. S. A.		1.77	21,165
Canada		0.99	11,515
Others		0.49	6,166
TOTAL ..		17.94	113,574
Sauries in airtight containers	Tonne		
Japan		0.01	39
TOTAL ..		0.01	39
Tuna in airtight containers	Tonne		
Singapore		81.00	388,890
Thailand		17.25	40,460
Canada		2.06	13,716
Others		1.91	12,817
TOTAL ..		102.22	455,883
Horse mackerels in airtight containers	Tonne		
Japan		5,563.60	16,444,121
Thailand		24.24	120,983
China		11.78	21,955
Denmark		1.14	7,214
France		0.27	1,042
TOTAL ..		5,601.03	16,595,315
Other prepared or preserved fish, incl. caviar and caviar substitutes, in airtight containers	Tonne		
Japan		1,222.95	2,730,773
China		114.66	853,324
U.S.A.		5.96	38,566
Thailand		26.40	31,286
Denmark		2.18	24,433
Others		18.96	74,367
TOTAL ..		1,391.11	3,752,749

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IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981—(samb.)
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)

(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Sharks' fins, prepared, not in airtight containers	Tonne		
Singapore		1.55	15,686
Indonesia		0.64	4,818
Japan		0.36	1,391
Korea, Rep. of		0.03	180
TOTAL ..		2.58	22,075
Fish paste and similar preparations not in airtight containers	Tonne		
Japan		3.63	22,088
Singapore		1.77	2,186
Others		0.71	1,954
TOTAL ..		6.11	26,228
Fish, boiled or steamed not in airtight containers	Tonne		
U. K.		0.19	1,742
Japan		0.12	1,602
Singapore		0.10	400
TOTAL ..		0.41	3,744
Other prepared or preserved fish, incl. caviar and caviar substitutes, not in airtight containers	Tonne		
New Zealand		53.73	134,627
U. S. A.		13.05	85,230
Thailand		35.00	72,569
U. K.		5.03	63,767
Others		44.13	49,404
TOTAL ..		150.94	405,597
Abalone in airtight containers	Tonne		
New Zealand		69.36	992,273
Australia		68.93	770,175
U. S. A.		17.49	205,699
Mexico		14.98	155,484
Chile		5.71	103,846
Others		3.49	69,940
TOTAL ..		179.96	2,297,417
Prawns and shrimps in airtight containers	Tonne		
Singapore		8.79	50,071
Australia		18.33	36,658
Taiwan		4.40	17,897
China		7.76	15,527
Germany		0.06	10,382
Others		0.95	1,924
TOTAL ..		40.29	132,459

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IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)
 (Value in Malaysian Dollars)

Description of Commodity and Countries of Origin										Unit of Quantity	Quantity	Value \$
Crabs in airtight containers										Tonne		
Singapore	..	..	..	..	..	..	..	..	..		13.45	140,478
Thailand	..	..	..	..	..	..	..	..	..		17.11	25,437
Japan	..	..	..	..	..	..	..	..	..		3.46	24,930
Others	..	..	..	..	..	..	..	..	..		0.88	3,890
TOTAL										..	34.90	194,735
Cuttlefish in airtight containers										Tonne		
Thailand	..	..	..	..	..	..	..	..	..		226.12	447,600
Singapore	..	..	..	..	..	..	..	..	..		28.20	135,081
China	..	..	..	..	..	..	..	..	..		19.95	53,968
Hong Kong	..	..	..	..	..	..	..	..	..		3.63	8,362
Japan	..	..	..	..	..	..	..	..	..		0.63	5,769
TOTAL										..	278.53	650,780
Other crustaceans and molluscs prepared or preserved not in airtight containers										Tonne		
Korea, Rep. of	..	..	..	..	..	..	..	..	..		16.21	74,564
Japan	..	..	..	..	..	..	..	..	..		2.09	33,189
China	..	..	..	..	..	..	..	..	..		14.22	31,237
Singapore	..	..	..	..	..	..	..	..	..		11.43	27,397
France	..	..	..	..	..	..	..	..	..		6.18	19,448
Others	..	..	..	..	..	..	..	..	..		6.63	17,569
TOTAL										..	56.76	203,404
Crustaceans and molluscs, prepared or preserved, not in airtight containers										Tonne		
Thailand	..	..	..	..	..	..	..	..	..		1,073.93	3,886,499
Singapore	..	..	..	..	..	..	..	..	..		130.78	568,376
China	..	..	..	..	..	..	..	..	..		23.03	92,141
Japan	..	..	..	..	..	..	..	..	..		19.89	75,273
Netherlands	..	..	..	..	..	..	..	..	..		6.10	74,582
Australia	..	..	..	..	..	..	..	..	..		10.82	43,272
New Zealand	..	..	..	..	..	..	..	..	..		2.22	40,668
Others	..	..	..	..	..	..	..	..	..		3.04	17,838
TOTAL										..	1,269.81	4,798,649
Fish liver oil										Tonne		
Norway	..	..	..	..	..	..	..	..	..		18.34	36,686
U. K.	..	..	..	..	..	..	..	..	..		0.54	9,394
Australia	..	..	..	..	..	..	..	..	..		0.05	60
TOTAL										..	18.93	46,140

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981—(samb.)
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)

(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Origin</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Other fish oils and fats	Tonne		
U. K.		2.18	9,815
Indonesia		9.70	7,760
Norway		1.10	2,700
Japan		0.47	1,413
Hong Kong		0.00	30
TOTAL ..		13.45	21,718
Oil and fats of marine mammals	Tonne		
U. K.		0.20	1,820
Taiwan		0.02	90
TOTAL ..		0.22	1,910
Fish meal not for human consumption	Tonne		
Thailand		24,568.71	11,436,051
Indonesia		235.49	132,759
Netherlands		531.05	215,243
Brazil		110.66	105,941
Chile		51.29	67,156
Singapore		45.97	35,220
U. S. A.		0.59	20,973
Others		49.17	26,073
TOTAL ..		25,592.93	12,039,416
Prawn dust not for human consumption	Tonne		
Thailand		725.73	75,218
Indonesia		11.75	3,020
Taiwan		0.66	432
Burma		0.86	408
TOTAL ..		739.00	79,078
Flours and meals of crustaceans or molluscs, not for human consumption	Tonne		
Germany		0.20	30,603
Thailand		23.75	10,213
China		8.78	1,905
Australia		0.28	181
TOTAL ..		33.01	42,902
Soups and broths in liquid, solid or powder form of fish, crustaceans and molluscs	Tonne		
Japan		1.50	20,658
Switzerland		0.57	4,288
Irish Rep.		0.27	1,638
Others		0.29	2,110
TOTAL ..		2.63	28,694

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IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981—(samb.)
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)
 (Value in Malaysian Dollars)

Description of Commodity and Countries of Origin										Unit of Quantity	Quantity	Value \$
Homogenised composite food preparations of fish, crustaceans and molluscs										Tonne		
Singapore	..	..	..	..	..	..	..	..	..		3.14	27,013
Japan	..	..	..	..	..	..	..	..	..		0.76	6,745
France	..	..	..	..	..	..	..	..	..		0.02	815
U. S. A.	..	..	..	..	..	..	..	..	..		0.00	15
TOTAL											3.92	34,588
Turtles' eggs										100		
Indonesia	..	..	..	..	..	..	..	..	..		57.00	2,997
TOTAL											57.00	2,997
Fish waste										Tonne		
Philippines	..	..	..	..	..	..	..	..	..		0.54	19,348
Indonesia	..	..	..	..	..	..	..	..	..		20.52	13,467
Thailand	..	..	..	..	..	..	..	..	..		0.36	300
TOTAL											21.42	33,115
Coral etc. unworked										Tonne		
Sabah	..	..	..	..	..	..	..	..	..		2.52	5,331
Thailand	..	..	..	..	..	..	..	..	..		1.44	4,359
New Zealand	..	..	..	..	..	..	..	..	..		1.95	2,076
Others	..	..	..	..	..	..	..	..	..		12.36	2,985
TOTAL											18.27	14,751
Natural sponges										Tonne		
Japan	..	..	..	..	..	..	..	..	..		0.12	3,635
Singapore	..	..	..	..	..	..	..	..	..		0.09	960
U. S. A.	..	..	..	..	..	..	..	..	..		0.03	157
U. K.	..	..	..	..	..	..	..	..	..		0.01	86
TOTAL											0.25	4,838
Other products of fish, crustaceans and molluscs, unfit for human consumption										Tonne		
Indonesia	..	..	..	..	..	..	..	..	..		0.27	1,354
U. S. A.	..	..	..	..	..	..	..	..	..		1.47	4,266
Japan	..	..	..	..	..	..	..	..	..		0.12	1,165
Taiwan	..	..	..	..	..	..	..	..	..		0.40	1,092
Singapore	..	..	..	..	..	..	..	..	..		0.06	582
TOTAL											2.32	8,459

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

IMPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI ASAL, 1981—(samb.)
IMPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF ORIGIN, 1981—(cont.)

(Value in Malaysian Dollars)

Description of Commodity and Countries of Origin		Unit of Quantity	Quantity	Value \$
Belacan		Tonne		
Indonesia			159.93	32,288
Singapore			10.13	4,149
TOTAL ..			170.06	36,437
Crude fish fertilizers		Tonne		
U. S. A.			2.72	8,151
TOTAL ..			2.72	8,151
Fish glues		Tonne		
Singapore			0.42	1,785
TOTAL ..			0.42	1,785
Pearls (not set or strung)-cultured		Value		
Japan			0.00	60,747
Australia			0.00	31,335
Germany			0.00	24,279
Singapore			0.00	12,383
Indonesia			0.00	299
TOTAL ..			0.00	129,043
Pearls (not set or strung)-other		Value		
Hong Kong			0.00	16,428
Japan			0.00	10,399
TOTAL ..			0.00	26,827
Sea-weed products		Tonne		
China			67.42	202,887
Korea, Rep. of			31.49	93,362
Taiwan			20.19	67,487
Japan			26.47	65,368
Hong Kong			2.03	19,047
Others			15.05	12,778
TOTAL ..			162.65	460,929
Sea-grass		Tonne		
China			91.24	53,387
Taiwan			34.58	16,841
Hong Kong			7.35	5,842
Others			1.06	2,941
TOTAL ..			134.23	79,011

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI DESTINASI, 1981
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF DESTINATION, 1981
 (Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Fish fry, alive	1000		
Sabah		30.72	5,619
Sarawak		6.53	3,318
Singapore		6.44	2,663
TOTAL ..		43.69	11,600
Fish for aquaria, alive	100		
Singapore		40,231.83	225,977
Sabah		380.48	10,736
Sarawak		112.52	5,616
Hong Kong		372.22	4,192
Others		65.40	950
TOTAL ..		41,162.45	247,471
Tuna, fresh, chilled	Tonne		
Singapore		0.36	937
TOTAL ..		0.36	937
Sauries, fresh, chilled	Tonne	—	—
TOTAL ..		—	—
Marine fish-other than tuna and sauries, fresh, chilled	Tonne		
Singapore		31,284.82	17,361,300
Sarawak		171.44	342,794
Thailand		1,442.57	755,927
Japan		14.11	48,512
Indonesia		45.26	26,756
U. K.		11.00	25,798
Others		10.84	17,996
TOTAL ..		32,980.04	18,579,083
Freshwater fish, fresh, chilled	Tonne		
Singapore		74.81	75,573
Thailand		25.73	12,004
U. K.		0.06	180
TOTAL ..		100.60	87,757
Fish fillets, fresh or chilled	Tonne		
Sarawak		2.04	2,084
TOTAL ..		2.04	2,084

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI
DESTINASI, 1981—(samb.)
 EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
 DESTINATION, 1981—(cont.)

(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Tuna frozen	Tonne		
U. S. A.		77.33	404,200
Japan		40.11	149,356
Indonesia		0.01	105
Singapore		0.07	56
TOTAL		117.52	553,717
Sauries, frozen	Tonne	—	—
TOTAL		—	—
Marine fish-other than tuna and sauries, frozen	Tonne		
<u>Sarawak</u>		749.96	1,414,049
Japan		73.68	345,136
Singapore		129.40	81,577
U. K.		11.05	23,565
Others		4.46	15,458
TOTAL		968.55	1,879,785
Freshwater fish, frozen	Tonne		
Singapore		8.00	7,996
TOTAL		8.00	7,996
Fish fillets, frozen	Tonne		
Singapore		2.87	12,839
<u>Sarawak</u>		0.80	3,800
TOTAL		3.67	16,639
Fish meal fit for human consumption	Tonne		
Singapore		0.28	5,600
U. K.		0.02	286
Sabah		0.10	92
TOTAL		0.40	5,978
Cod, not in fillets, dried	Tonne		
<u>Sarawak</u>		12.18	23,326
Singapore		1.15	3,560
Australia		0.00	5
TOTAL		13.33	26,891
Fishmaws (excl. cod) dried, salted or in brine	Tonne		
<u>Sarawak</u>		19.54	29,315
Singapore		2.30	16,645
Indonesia		0.06	79
TOTAL		21.90	46,039

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EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI
DESTINASI, 1981—(samb.)
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
DESTINATION, 1981—(cont.)
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Sharks' fins dried, salted or in brine	Tonne		
Sabah		7.41	342,962
Sarawak		2.55	76,409
Others		1.84	6,955
TOTAL ..		11.80	426,326
Other marine fish (excl. cod) dried, salted or in brine	Tonne		
Singapore		4,473.36	3,487,231
Japan		196.35	1,487,940
Sarawak		561.33	1,342,763
Australia		11.04	146,032
Netherlands		27.93	141,884
Hong Kong		32.29	131,571
Thailand		192.37	117,822
Indonesia		83.25	46,494
Italy		12.00	28,059
Others		96.84	37,324
TOTAL ..		5,686.76	6,967,120
Freshwater fish dried, salted or in brine	Tonne		
Singapore		61.61	74,595
Sarawak		3.23	18,338
Hong Kong		3.00	12,539
Others		2.53	8,934
TOTAL ..		70.37	114,406
Smoked salmon	Tonne		
Sabah		0.01	398
Indonesia		0.00	15
TOTAL ..		0.01	413
Other fish smoked, excl. salmon	Tonne		
Singapore		193.15	350,128
Japan		41.97	125,911
Sarawak		2.99	29,618
Others		0.37	2,690
TOTAL ..		238.48	508,347
Prawns, fresh, chilled	Tonne		
Singapore		3,367.35	3,886,162
Sabah		0.80	3,503
TOTAL ..		3,368.15	3,889,665

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI
DESTINASI, 1981—(samb.)
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
DESTINATION, 1981—(cont.)
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Prawns, fresh, frozen	Tonne		
Japan		1,332.21	24,289,433
Australia		61.40	1,237,550
Netherlands		107.04	964,065
Italy		62.03	678,960
Spain		39.00	492,167
U. S. A.		53.34	459,645
Hong Kong		62.37	266,213
Sweden		38.97	252,932
New Zealand		25.89	227,238
Others		87.75	530,597
TOTAL ..		1,870.00	29,398,800
Prawns, salted, in brine, dried or simply boiled	Tonne		
Japan		332.20	2,398,815
Singapore		539.50	381,181
Sarawak		25.40	104,114
Australia		6.00	74,291
Netherlands		1.80	22,399
Others		10.22	3,886
TOTAL ..		915.12	2,984,686
Other prawns	Tonne		
Japan		16.36	107,461
Singapore		56.11	43,359
Australia		3.40	38,689
Others		7.64	17,117
TOTAL ..		83.51	206,626
Crustaceans (excl. prawns)-fresh, chilled or frozen	Tonne		
Japan		104.80	830,484
Singapore		173.33	157,581
Italy		19.20	45,182
Sabah		2.36	16,653
Sarawak		0.66	12,195
Others		9.27	8,352
TOTAL ..		309.62	1,070,447
Crustaceans (excl. prawns)-salted, in brine, dried or simply boiled	Tonne		
Singapore		3.98	12,243
Australia		0.01	5
Qatar		0.01	4
TOTAL ..		4.00	12,252

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
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DESTINASI, 1981—(samb.)
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
DESTINATION, 1981—(cont.)
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Crustaceans (excl. prawns)-others	Tonne		
Sarawak		79.86	163,426
Singapore		19.13	22,861
Others		1.60	2,167
TOTAL ..		100.59	188,454
Oysters	Tonne		
Singapore		12.28	19,659
Sabah		4.00	1,444
Sarawak		0.12	1,000
TOTAL ..		16.40	22,103
Molluscs (excl. oysters) fresh, chilled, frozen	Tonne		
Japan		1,117.80	5,169,747
Thailand		21,024.12	3,785,907
Singapore		8,735.17	3,107,094
Italy		539.74	1,553,748
Spain		77.71	395,338
Sarawak		380.34	350,752
Australia		57.32	320,160
Hong Kong		92.11	247,603
Netherlands		65.59	129,967
Others		87.92	301,498
TOTAL ..		32,177.82	15,361,814
Molluscs (excl. oysters)-salted, in brine, dried or simply boiled	Tonne		
Japan		2,370.26	10,377,620
Hong Kong		92.96	411,892
Singapore		202.38	182,146
Canada		6.90	56,083
Korea, Rep. of		8.64	44,693
Sarawak		5.39	44,058
U. S. A.		3.83	35,228
Others		3.41	2,390
TOTAL ..		2,693.77	11,154,110
Molluscs (excl. oysters)-others	Tonne		
Japan		146.05	601,953
Sarawak		51.19	74,723
Singapore		51.75	49,134
U. S. A.		2.49	14,773
Others		11.32	3,618
TOTAL ..		262.80	744,201

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DESTINASI, 1981—(samb.)
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
DESTINATION, 1981—(cont.)
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Beche-de-mer (trepang) fresh, chilled or frozen	Tonne		
Singapore		0.60	1,153
TOTAL ..		0.60	1,153
Beche-de-mer (trepang) salted, in brine, dried or smoked	Tonne		
Singapore		2.82	10,935
TOTAL ..		2.82	10,935
Sardines in airtight containers	Tonne		
Indonesia		291.77	568,845
Sabah		150.00	413,770
Australia		170.96	324,858
Sarawak		203.91	298,197
Sri Lanka		263.75	245,305
Singapore		67.47	107,169
Others		63.33	159,875
TOTAL ..		1,211.19	2,118,019
Herrings and brislings in airtight containers	Tonne		
Sarawak		0.68	2,090
Sabah		0.47	2,089
Singapore		0.12	396
TOTAL ..		1.27	4,575
Pilchards in airtight containers	Tonnes		
U. S. A.		27.74	275,459
U. K.		13.34	155,881
Singapore		77.27	105,476
Spain		0.48	5,040
TOTAL ..		118.83	541,856
Salmon in airtight containers	Tonne		
Saudi Arabia		16.91	37,588
Sarawak		3.36	7,699
Sabah		1.76	6,187
Singapore		0.12	525
TOTAL ..		22.15	51,999
Sauries in airtight containers	Tonne		
Sabah		5.91	15,576
Sarawak		1.77	7,766
Brunei		2.10	6,744
Indonesia		0.04	28
TOTAL ..		9.82	30,114

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DESTINASI, 1981—(samb.)
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
DESTINATION, 1981—(cont.)
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Tuna in airtight containers	Tonne		
Switzerland		559.91	5,002,230
Canada		348.86	3,316,491
Sweden		1,682.74	3,215,348
Iraq		452.09	2,676,755
U. S. A.		294.86	2,599,944
Germany		375.37	2,475,736
Denmark		229.74	2,007,009
U. K.		127.52	1,100,323
Netherlands		164.29	1,013,943
Others		541.72	2,737,987
TOTAL ..		4,777.10	26,145,766
Horse mackerels in airtight containers	Tonne		
Indonesia		416.15	553,536
Sarawak		230.54	334,273
United Arab Emirates		87.67	180,662
Singapore		68.33	134,714
Sri Lanka		97.44	106,268
Others		73.56	133,401
TOTAL ..		973.69	1,442,854
Other prepared or preserved fish, incl. caviar and caviar substitutes, in airtight containers	Tonne		
Sabah		993.63	2,394,604
Sarawak		644.66	1,841,139
Singapore		206.56	598,020
U. S. A.		52.14	529,150
Sweden		8.64	150,939
Canada		4.69	76,892
U. K.		5.02	59,484
Others		44.62	111,563
TOTAL ..		1,959.96	5,761,791
Sharks' fins, prepared, not in airtight containers	Tonne		
Sabah		0.20	5,380
TOTAL ..		0.20	5,380
Fish paste and similar preparations not in airtight containers	Tonne		
Singapore		31.64	37,638
Others		4.22	12,081
TOTAL ..		35.86	49,719

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EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
DESTINATION, 1981—(cont.)
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Fish, boiled or steamed not in airtight containers	Tonne		
Singapore		2.96	8,904
Mauritius		1.19	2,500
Sarawak		0.04	689
TOTAL ..		4.19	12,093
Other prepared or preserved fish, incl. caviar and caviar substitutes, not in airtight containers	Tonne		
Singapore		243.01	429,477
Sabah		25.44	99,531
Sarawak		11.86	40,610
Netherlands		2.50	30,725
Others		12.34	39,942
TOTAL ..		295.15	640,285
Abalone in airtight containers	Tonne		
U. K.		31.99	254,273
Sarawak		18.00	49,222
Sabah		4.80	15,987
Others		2.94	4,565
TOTAL ..		57.73	324,047
Prawns and shrimps in airtight containers	Tonne		
U. K.		561.25	5,345,513
Netherlands		151.82	821,175
Sarawak		187.16	629,073
Sabah		156.09	551,341
Japan		82.51	518,975
Singapore		183.17	425,000
France		61.87	248,701
Belgium		38.56	223,700
Germany		15.00	135,200
Others		25.61	259,368
TOTAL ..		1,463.04	9,158,046
Crabs in airtight containers	Tonne		
U. S. A.		165.07	1,697,933
France		98.86	1,029,221
Australia		91.44	972,453
Sweden		29.27	369,125
Belgium		22.68	235,160
Denmark		21.01	191,668
U. K.		13.34	145,392
Singapore		80.17	117,558
Others		8.68	76,110
TOTAL ..		530.52	4,834,620

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DESTINASI, 1981—(samb.)
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
DESTINATION, 1981—(cont.)
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Cuttlefish in airtight containers	Tonne		
Sabah		1,826.44	654,124
Singapore		219.25	506,117
Sarawak		219.99	465,996
Others		17.74	93,377
TOTAL ..		2,283.42	1,719,614
Other crustaceans and molluscs prepared or preserved, in airtight containers	Tonne		
Sarawak		408.59	1,212,741
Sabah		228.33	795,755
Singapore		156.80	459,950
U. S. A.		47.17	210,432
Australia		10.73	128,019
Netherlands		17.38	85,830
Others		11.21	45,362
TOTAL ..		880.21	2,938,089
Crustaceans and molluscs, prepared or preserved, not in airtight containers	Tonne		
Australia		2,432.63	33,117,090
Netherlands		3,516.54	24,427,600
U. K.		2,585.94	21,201,305
Belgium		1,158.13	8,002,252
Germany		606.37	4,940,377
New Zealand		280.10	3,893,994
Sweden		176.46	1,449,831
U. S. A.		124.00	787,785
France		91.07	611,473
Others		634.26	2,283,147
TOTAL ..		11,605.50	100,714,854
Fish liver oil	Tonne		
Sarawak		1.80	4,810
Sabah		0.90	2,891
Indonesia		0.04	344
U. K.		0.20	114
TOTAL ..		2.94	8,159
Other fish oils and fats	Tonne		
Sarawak		0.93	1,756
TOTAL ..		0.93	1,756
Oils and fats of marine mammals	Tonne	—	—
TOTAL ..		—	—

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI
DESTINASI, 1981—(samb.)
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
DESTINATION, 1981—(cont.)
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Fish meal not for human consumption	Tonne		
Singapore		1,011.07	232,326
Switzerland		23.47	66,975
Denmark		11.42	25,804
U. S. A.		12.24	23,411
Others		5.91	10,149
TOTAL ..		1,064.11	358,665
Prawn dust not for human consumption	Tonne		
Singapore		157.90	29,879
Indonesia		52.00	13,916
TOTAL ..		209.90	43,795
Flours and meals of crustaceans or molluscs, not for human consumption	Tonne		
Singapore		849.70	127,502
U. S. A.		24.48	47,637
Denmark		11.42	25,797
Hong Kong		0.18	1,433
Sarawak		0.47	946
TOTAL ..		886.25	203,315
Soups and broths in liquid, solid or powder form of fish, crustaceans and molluscs	Tonne		
Sabah		0.80	10,396
Singapore		0.91	2,718
Sarawak		0.04	1,036
Hong Kong		0.07	246
TOTAL ..		1.82	14,396
Homogenised composite food preparations of fish, crustaceans and molluscs	Tonne		
Sabah		1.19	16,962
Sarawak'		0.67	6,646
Netherlands		0.02	20
TOTAL ..		1.88	23,628
Turtles' eggs	100	—	—
TOTAL ..		—	—
Fish waste	Tonne		
Singapore		0.88	725
TOTAL ..		0.88	725

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI
DESTINASI, 1981—(samb.)
EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
DESTINATION, 1981—(cont.)
(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>	<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Coral etc. unworked	Tonne		
Singapore		5,519.67	127,337
U. K.		1.36	9,240
Hong Kong		38.19	9,215
Others		4.04	8,184
TOTAL ..		5,563.26	153,976
Natural Sponges	Tonne		
Sabah		0.06	822
Sarawak		0.12	737
Singapore		0.02	255
TOTAL ..		0.20	1,814
Other products of fish, crustaceans and molluscs, unfit for human consumption	Tonne		
Australia		1.46	10,929
U. K.		1.26	8,571
Singapore		1.62	2,918
Indonesia		2.00	300
TOTAL ..		6.34	22,718
Belachan	Tonne		
Thailand		6,312.29	1,452,000
Singapore		654.70	618,498
Sarawak		177.01	217,189
Netherlands		28.48	114,399
Sabah		37.13	79,558
Hong Kong		21.23	51,023
Others		6.32	20,680
TOTAL ..		7,237.16	2,553,347
Crude fish fertilizers	Tonne	—	—
TOTAL ..		—	—
Fish glues	Tonne		
Sarawak		0.01	37
TOTAL ..		0.01	37
Pearls (not set or strung)-cultured	Value		
Germany		0.00	5,503
TOTAL ..		0.00	5,503
Pearls (not set or strung)-other	Value	—	—
TOTAL ..		—	—

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS DAN NEGERI-NEGERI
DESTINASI, 1981—(samb.)
 EXPORTS OF FISHERY COMMODITIES BY TYPE AND COUNTRIES OF
 DESTINATION, 1981—(cont.)

(Value in Malaysian Dollars)

<i>Description of Commodity and Countries of Destination</i>										<i>Unit of Quantity</i>	<i>Quantity</i>	<i>Value \$</i>
Sea-weed products										Tonne		
Belgium	..	..	..	..	..	..	..	..	..		170.00	85,116
Sabah	..	..	..	..	..	..	..	..	..		8.29	6,543
Singapore	..	..	..	..	..	..	..	..	..		6.78	3,544
Thailand	..	..	..	..	..	..	..	..	..		6.00	3,000
TOTAL ..											191.07	98,203
Sea-grass										Tonne		
Singapore	..	..	..	..	..	..	..	..	..		4.46	2,008
TOTAL ..											4.46	2,008

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI
ASAL DAN DESTINASI, 1981*
(IMPORT AND EXPORT OF FISHERIES COMMODITIES BY COUNTRIES OF
ORIGIN AND DESTINATION, 1981*)
(Quantity in M. Tonnes and Value in Malaysian Dollars)

Countries of Origin/Destination	IMPORTS		EXPORTS	
	Quantity	Value	Quantity	Value
Argentina	1.65	14,438	—	—
Australia	155.17	1,437,701	2,956.48	36,660,769
Austria	—	—	41.89	276,067
Bangladesh	51.76	213,144	—	—
Belgium	—	—	1,422.87	8,815,395
Brazil	110.71	106,109	—	—
Brunei	0.01	50	32.41	74,950
Burma	186.18	600,666	21.83	65,973
Canada	350.76	3,023,173	373.09	3,560,120
Chile	168.25	503,016	—	—
China	620.89	1,738,889	—	—
Denmark	15.42	123,060	292.15	2,479,855
Fiji	—	—	18.60	53,645
Finland	—	—	37.29	334,554
France	29.09	218,740	308.59	2,138,622
Germany	2.93	76,030	1,031.04	7,807,564
Hong Kong	414.58	2,254,274	362.60	1,187,296
India	126.44	455,329	0.05	100
Indonesia	4,037.20	10,212,204	918.65	1,252,024
Iran	2.01	1,274	6.02	26,950
Iraq	—	—	452.09	2,676,755
Irish Republic	0.28	1,900	—	—
Italy	0.88	6,042	632.97	2,305,949
Ivory Coast	0.45	1,800	—	—
Japan	14,442.80	41,971,437	5,904.76	46,792,089
Korea Republic of	417.36	2,863,785	8.64	44,693
Korea Democratic People's Republic of	47.94	265,665	—	—
Kuwait	—	—	151.33	677,096
Lebanon	0.06	253	—	—
Malta	—	—	0.70	6,641
Mauritius	—	—	9.70	28,150
Mexico	14.98	155,484	—	—
Netherlands	555.13	349,618	4,085.65	27,780,245
New Zealand	1,920.05	4,159,877	402.46	4,165,624
Norway	51.61	232,522	46.31	436,457
Pakistan	108.40	490,296	—	—
Peru	22.49	46,523	—	—
Philippines	57.52	496,621	—	—
Portugal	6.36	23,793	—	—
Qatar	—	—	0.03	14
Sabah	39.35	266,166	3,651.17	6,059,620
Saudi Arabia	—	—	88.29	308,851
Sarawak	32.11	62,709	4,248.92	9,374,008
Singapore	2,386.66	4,242,814	59,445.44	35,152,715
South Africa	62.36	57,050	—	—
Spain	0.26	2,320	117.19	892,545
Sri Lanka	1.84	11,515	391.71	386,184
Sweden	0.19	1,933	1,936.08	5,438,175
Switzerland	1.96	24,736	583.38	5,069,505
Taiwan	380.69	744,753	18.99	30,411
Thailand	114,854.79	76,784,648	29,040.66	6,202,881
United Arab Emirates	—	—	100.95	226,494
United Kingdom	40.48	374,653	3,365.31	28,355,595
U.S.A.	71.78	634,619	923.76	7,368,955
U.S.S.R.	23.20	26,146	—	—
Vietnam	10.05	85,361	—	—
Yemen People's Democratic Republic of	19.89	14,536	—	—
Yemen Arab Republic	2.67	2,677	—	—
Other countries in Central and South America	—	—	0.02	65
TOTAL	141,847.64	155,380,349	123,430.07	254,513,601

provisional figures.

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
SERI TAHUNAN IMPORT BARANGAN PERIKANAN MENGIKUT JENIS, KUANTITI DAN NILAI
 (ANNUAL SERIES OF FISHERY COMMODITIES IMPORT BY TYPE, QUANTITY AND VALUE)
 (Quantity in M. Tonnes and Value in Malaysian dollars)

Description of Commodity	1977		1978		1979		1980		1981	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Fish, Fresh, Chilled or Frozen (excluding fillets)	60,169.39	38,431,270	61,437.11	37,772,192	76,246.60	43,037,031	50,977.30	34,226,709	62,603.31	39,335,245
Fish-Dried, Salted, in Brine or Smoked	3,894.71	5,379,904	4,988.88	6,203,375	3,704.31	5,764,860	3,429.65	5,710,157	4,859.79	8,559,758
Crustaceans and Molluscs, Fresh, Chilled, Frozen, Dried, Salted, in Brine or Simply Boiled	22,648.33	14,326,631	35,233.44	17,565,571	36,303.58	27,287,012	31,264.63	23,792,368	30,249.74	43,261,195
Prepared or Preserved Fish in Airtight Containers	12,533.13	24,934,284	12,105.75	26,041,945	7,418.87	32,977,458	21,053.66	44,259,738	15,198.08	42,388,274
Prepared or Preserved Fish not in Airtight Containers ..	130.45	422,045	260.79	862,828	189.49	562,290	69.87	316,537	160.04	457,644
Prepared or Preserved Crustaceans and Molluscs in Airtight Containers	1,080.67	1,897,117	219.47	1,915,949	291.55	2,333,229	572.98	2,887,148	590.44	3,478,795
Prepared or Preserved Crustaceans and Molluscs not in Airtight Containers	545.20	1,200,872	1,142.86	2,259,615	1,137.28	2,558,421	1,390.57	3,274,060	1,269.81	4,798,649
Fats and Oils, of Fish and Marine Mammals	93.51	180,081	612.76	551,648	270.37	257,296	174.10	129,021	32.60	69,768
Flours and Meals, of Fish, Crustaceans and Molluscs Unfit for Human Consumption	17,405.75	8,387,337	33,731.48	16,083,919	32,513.57	15,817,969	30,224.24	14,722,973	26,364.94	12,161,396
Miscellaneous	134.70	78,047	231.31	511,583	279.47	640,829	662.46	899,511	518.89	869,625
TOTAL	118,635.84	95,237,588	149,963.85	109,768,625	158,355.09	131,236,395	139,819.46	130,218,222	141,847.64	155,380,349

SERI TAHUNAN EKSPORT BARANGAN PERIKANAN MENGIKUT JENIS, KUANTITI DAN NILAI
(ANNUAL SERIES OF FISHERY COMMODITIES EXPORT BY TYPE, QUANTITY AND VALUE)
 (Quantity in M. Tonnes and Value in Malaysian Dollars)

Description of Commodity	1977		1978		1979		1980		1981	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Fish, Fresh, Chilled or Frozen (excluding fillets)	24,965.79	30,552,214	28,105.96	24,596,226	22,611.28	20,096,314	30,242.65	18,820,692	34,180.78	21,387,069
Fish-Dried, Salted, in Brine or Smoked	4,174.10	6,641,774	4,110.58	6,768,878	3,841.15	7,349,165	4,512.97	7,347,054	6,043.05	8,095,520
Crustaceans and Molluscs, Fresh, Chilled, Frozen, Dried, Salted, in Brine or Simply Boiled	34,578.57	99,809,175	61,306.83	131,426,093	67,261.17	236,477,544	39,208.95	103,967,895	41,805.20	65,045,246
Prepared or Preserved Fish in Airtight Containers	4,990.87	10,332,822	7,035.78	16,886,360	8,230.11	26,172,835	7,769.92	33,330,673	9,074.01	36,096,974
Prepared or Preserved Fish not in Airtight Containers ..	397.44	772,421	299.88	593,244	519.21	876,521	321.25	575,916	335.40	707,477
Prepared or Preserved Crustaceans and Molluscs in Airtight Containers	2,761.30	7,769,995	3,742.62	12,677,674	3,708.91	15,103,443	4,537.31	20,885,774	5,214.92	18,974,416
Prepared or Preserved Crustaceans and Molluscs not in Airtight Containers	202.34	257,715	944.01	4,132,279	355.82	895,508	6,953.51	54,787,979	11,605.50	100,714,854
Fats and Oils, of Fish and Marine Mammals	12.12	10,772	1.94	2,865	0.30	759	0.91	2,416	3.87	9,915
Flours and Meals, of Fish, Crustaceans or Molluscs Unfit for Human Consumption	5,207.78	1,350,200	3,046.02	804,165	3,416.95	786,321	2,231.84	580,919	2,160.26	605,775
Miscellaneous	30,741.97	2,200,527	15,518.36	2,267,073	15,618.35	2,251,676	19,426.80	3,063,662	13,007.08	2,876,355
TOTAL	108,032.28	159,697,615	124,111.98	200,154,857	125,563.25	310,010,086	115,206.11	243,362,980	123,430.07	254,513,601