

Perikanan Ternakair
SEMENANJUNG MALAYSIA

Aquaculture Fisheries
Peninsular Malaysia

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA

JADUAL (TABLE) 10.1

BILANGAN DAN LUAS KOLAM BEKAS LOMBONG DAN SANGKAR DAN BILANGAN PENTERNAK MENGIKUT SISTEM PENTERNAK DAN NEGERI – 1982

(Number and Acreage of Ponds, Mining Pools and Cages and Number of Culturists by Culture System and State – 1982)

Sistem Ternakan Culture System	Air tawar/Freshwater						Air payau/Masin Marine/Brackishwater						Jumlah/Total					
	Kolam & Bekas Lombong Ponds & Mining Pools			Sangkar Cages			Kolam Ponds			Sangkar Cages			Kolam & Bekas Lombong Ponds & Mining Pools			Sangkar Cages		
	Bilangan Number	Luas dim. Ha Area in Ha	Bilangan Pentermak No. of Culturists	Bilangan Number	Luas dim. Meter Per. Area in Sq. M.	Bilangan Pentermak No. of Culturists	Bilangan Number	Luas dim. Ha Area in Ha	Bilangan Pentermak No. of Culturists	Bilangan Number	Luas dim. Meter Per. Area in Sq. M.	Bilangan Pentermak No. of Culturists	Bilangan Number	Luas dim. Ha Area in Ha	Bilangan Pentermak No. of Culturists	Bilangan Number	Luas dim. Meter Per. Area in Sq. M.	Bilangan Pentermak No. of Culturists
Negeri State																		
Perlis	132	25.01	111	16	148.84	4	2	1.11	3	—	—	—	134	26.12	114	16	148.84	4
Kedah	676	190.10	400	120	1,265.50	31	50	11.77	18	248	2,307.00	45	726	201.87	418	368	3,572.50	76
P. Pinang	187	30.90	107	96	223.20	12	11	17.13	4	976	5,910.18	125	198	48.03	111	1,072	6,133.38	137
Perak	4,385	2,330.10	3,469	1,108	10,195.54	273	16	2.30	4	664	6,174.86	33	4,401	2,332.40	3,473	1,772	16,370.40	306
Selangor	1,153	412.30	921	28	252.00	6	23	7.00	7	40	366.20	11	1,176	419.30	928	68	1 618.20	17
W. Persekutuan	15	9.00	7	—	—	—	—	—	—	—	—	—	15	9.00	7	—	—	—
N. Sembilan	3,444	569.20	2,565	44	396.00	11	—	—	—	—	—	—	3,444	569.20	2,565	44	396.00	11
Melaka	1,040	193.70	834	44	396.00	11	6	1.30	6	—	—	—	1,046	195.00	840	44	396.00	11
Johor	1,748	286.86	841	224	2,074.06	56	118	361.23	29	483	4,515.40	78	1,866	648.09	870	707	6,589.46	134
Pahang	1,774	355.46	1,338	32	297.70	8	24	6.44	12	12	111.70	3	1,798	361.90	1,350	44	409.40	11
Terengganu	808	132.48	676	24	208.60	6	13	3.07	13	4	5,030.00	1	821	135.55	689	28	5,238.60	7
Kelantan	946	142.40	65	260	7,146.00	65	4	0.68	4	72	2,159.00	18	950	143.08	69	332	9,305.00	83
Jumlah/Total:	16,308	4,677.51	11,334	1,996	22,603.44	483	267	412.03	100	2,499	26,574.34	314	16,575	5,089.54	11,434	4,495	49,177.78	797

2. ANGGARAN PENGELUARAN TERNAKAN IKAN MENGIKUT NEGERI DAN SISTEM PENTERNAKAN – 1982
(Estimated Fish Production by State and Culture System – 1982)

Negeri (State)	Sistem Ternakan (Culture System)		Airtawar (Freshwater)		Airpayau/Masin (Marine/Brackishwater)		Jumlah (Dim. tan metrik) (Total in tonnes)	
			Kolam (Ponds)	Sangkar (Cages)	Kolam (Ponds)	Sangkar (Cages)	Kolam (Ponds)	Sangkar (Cages)
Perlis			28.10	2.24	0.59	—	28.69	2.24
Kedah			313.65	8.50	6.72	11.40	320.37	19.90
Pulau Pinang ..			35.90	7.20	9.84	45.00	45.74	52.20
Perak			7,328.52	9.10	1.29	15.52	7,329.81	24.62
Selangor			1,411.75	0.43	4.00	1.08	1,415.75	1.51
W, Persekutuan			—	—	—	—	—	—
N. Sembilan ..			1,943.56	0.39	—	—	1,943.56	0.39
Melaka			1,787.48	—	0.70	—	1,788.18	—
Johor			480.21	—	293.81	339.50	774.02	339.50
Pahang			410.40	—	3.70	—	414.10	—
Terengganu ..			172.54	—	0.30	0.33	172.84	0.33
Kelantan			186.23	—	5.40	—	191.63	—
Jumlah/Total/ ..			14,098.34	27.86	326.35	412.83	14,424.68	440.69

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

3. ANGGARAN NILAI IKAN TERNAKAN YANG DIHASILKAN MENGIKUT NEGERI
DAN SISTEM PENTERNAKAN — 1982(Estimated Value of Fish Production by State and Culture System — 1982)
(\$ '000)

Negeri (States)	Sistem Ternakan (Culture System)	Airtawar (Freshwater)		Masin/Airpayau (Marine/Brackishwater)		Jumlah (Dim. M\$) (Total — in M\$)	
		Kolam & Bekas Lombong (Ponds & Mining Pools)	Sangkar (Cages)	Kolam (Ponds)	Sangkar (Cages)	Kolam & Bekas Lombong (Ponds & Mining Pools)	Sangkar (Cages)
Perlis		73.40	6.53	7.07	—	80.47	6.53
Kedah		796.60	22.49	77.51	63.16	874.11	85.65
Pulau Pinang ..		101.70	19.83	113.10	249.30	214.80	269.13
Perak		21,801.20	26.18	14.60	58.53	21,815.80	84.71
Selangor ..		3,872.01	0.99	46.00	4.70	3,918.01	5.69
W. Persekutuan		—	—	—	—	—	—
N. Sembilan ..		5,693.80	1.05	—	—	5,693.80	1.05
Melaka		5,512.00	—	7.52	—	5,519.52	—
Johor		1,443.20	—	2,551.93	1,198.36	3,995.13	1,198.36
Pahang . . .		1,217.70	—	42.20	—	1,259.90	—
Terengganu ..		505.70	—	0.60	1.76	506.30	1.76
Kelantan ..		546.00	—	62.48	—	608.48	—
Jumlah/Total: ..		41,563.31	77.07	2,923.01	1,575.81	44,486.32	1,652.88

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA

A1. ANGGARAN PENGHASILAN IKAN DARI KOLAM IKAN AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN, 1982
ESTIMATED FISH PRODUCTION FROM FRESHWATER PONDS AND MINING POOLS BY STATE AND SPECIES, 1982

Negeri State	Jenis Ikan Species	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Kepala Besar Big Head Carp	Kap Rumpit Grass Carp	Udang Galah Giant Freshwater Prawn	Tilapia Tilapia	Kap Perak Silver Carp	Sepat Siam Snake Skin Gouramy	Jelawat Sultan Fish	Lampam Sungai Tinsel Barb	Temakang Kissing Gouramy	Patin River Catfish	Lain-lain Others	Jumlah dim Tan Metrik Total in Tonnes
Perlis		5.70	2.80	6.90	6.70	-	6.00	-	-	-	-	-	-	-	28.10
Kedah		43.00	21.50	105.20	51.30	0.10	45.80	30.90	15.80	0.05	-	-	-	-	313.65
Pulau Pinang		7.00	3.50	17.10	8.30	-	-	-	-	-	-	-	-	-	35.90
Perak		516.90	2,609.50	2,621.50	1,362.00	0.11	97.90	-	106.00	0.06	0.07	12.00	0.08	2.40	7,328.52
Selangor		91.50	461.80	463.00	241.00	7.58	-	143.00	-	2.03	-	-	1.35	0.49	1,411.75
Wilayah Persekutuan ..		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Negeri Sembilan		126.30	637.40	640.00	332.80	0.06	-	207.00	-	-	-	-	-	-	1,943.56
Melaka		51.90	72.10	24.80	1,637.00	0.18	-	-	-	-	-	-	-	1.50	1,787.48
Johor.. .. .		76.90	106.70	36.70	242.50	0.01	-	17.40	-	-	-	-	-	-	480.21
Pahang		54.20	94.20	98.80	163.20	-	-	-	-	-	-	-	-	-	410.40
Terengganu		40.20	35.00	36.70	60.60	0.02	-	-	-	-	-	-	-	0.02	172.54
Kelantan		43.40	37.80	39.60	65.40	0.03	-	-	-	-	-	-	-	-	186.23
JUMLAH .. TOTAL		1,057.00	4,082.30	4,090.30	4,170.80	8.09	149.70	398.30	121.80	2.14	0.07	12.00	1.43	4.41	14,098.34

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA

A2. ANGGARAN NILAI HASIL DARI KOLAM IKAN AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN, 1982
 ESTIMATED VALUE OF FISH PRODUCTION FROM FRESHWATER PONDS AND MINING POOLS BY STATE AND SPECIES, 1982

(\$ '000)

Negeri State	Jenis Ikan Species	Lampam Jawa Javanese Carp	Lee Koh Common Carp	Kap Kepala Besar Big Head Carp	Kap Rumpit Grass Carp	Udang Galah Giant Freshwater Prawn	Tilapia Tilapia	Kap Perak Silver Carp	Sepat Siam Snake Skin Gouramy	Jelawat Sultan Fish	Lampam Sungai Tinzel Barb	Tomakang Kissing Gouramy	Patin River Catfish	Lain-lain Others	Jumlah Besar dim. M. \$ Grand Total in M. \$
Perlis		15.10	9.00	18.60	20.80	—	9.90	—	—	—	—	—	—	—	73.40
Kedah		114.00	68.80	284.00	138.50	1.20	75.60	83.40	30.30	0.80	—	—	—	—	796.60
Pulau Pinang		18.60	11.20	46.20	25.70	—	—	—	—	—	—	—	—	—	101.70
Perak		1,369.80	8,350.40	7,078.10	4,222.20	1.30	161.50	386.10	203.50	0.90	0.20	20.40	2.00	4.80	21,801.20
Selangor		242.50	1,477.80	1,250.10	747.10	5.60	—	—	—	—	—	—	—	1.00	3,724.10
Wilayah Persekutuan.. ..		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Negeri Sembilan		334.70	2,039.70	1,728.00	1,031.70	0.70	—	559.00	—	—	—	—	—	—	5,693.80
Melaka		137.50	230.70	67.00	5,074.70	2.10	—	—	—	—	—	—	—	—	5,512.00
Johor		203.80	341.40	99.10	751.80	0.10	—	47.00	—	—	—	—	—	—	1,443.20
Pahang		143.60	301.40	266.80	505.90	—	—	—	—	—	—	—	—	—	1,217.70
Terengganu		106.50	112.00	99.10	187.90	0.20	—	—	—	—	—	—	—	—	505.70
Kelantan		115.00	121.00	106.90	202.70	0.40	—	—	—	—	—	—	—	—	546.00
JUMLAH .. TOTAL		2,801.10	13,063.40	11,043.90	1,290.90	11.60	247.00	1,075.50	233.80	1.70	0.20	20.40	2.00	5.80	41,415.40

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

A3. ANGGARAN BILANGAN DAN LUAS KOLAM BINAAN AIRTAWAR DAN BEKAS LOMBONG YANG DIUSAHAKAN
SERTA BILANGAN PENTERNAK YANG TERLIBAT – 1982ESTIMATED NUMBER AND ACREAGE OF FRESHWATER PONDS AND MINING POOLS AND NUMBER OF
CULTURISTS BY STATE – 1982

Negeri State	KOLAM BINAAN (Excavated ponds)		BEKAS LOMBONG (Mining pools)		JUMLAH (Total)		BILANGAN PENTERNAK (No. of Fish farmers)				
	Bilangan (Number)	Luas dlm. ha. (Area in ha.)	Bilangan (Number)	Luas dlm. ha. (Area in ha.)	Bilangan (Number)	Luas dlm. ha. (Area in ha.)	Melayu (Malay)	Cina (Chinese)	India (Indian)	Lain-lain (Others)	Jumlah (Total)
Perlis	129	23.31	3	1.70	132	25.01	98	3	—	10	111
Kedah	662	173.60	14	16.50	676	190.10	363	17	—	20	400
Pulau Pinang	185	29.30	2	1.60	187	30.90	43	35	6	23	107
Perak	3,705	569.70	680	1,760.40	4,385	2,330.10	2,770	598	49	52	3,469
Selangor	963	205.10	190	207.20	1,153	412.30	580	194	49	98	921
Wilayah Persekutuan	10	2.80	5	6.20	15	9.00	2	5	—	—	7
Negeri Sembilan	3,227	452.00	217	117.20	3,444	569.20	2,183	353	12	17	2,565
Melaka	1,036	189.60	4	4.10	1,040	193.70	694	128	7	5	834
Johor	1,723	256.70	25	30.16	1,748	286.86	473	348	—	20	841
Pahang	1,740	328.92	34	26.54	1,774	355.46	1,097	195	11	35	1,338
Terengganu	796	124.52	12	7.96	808	132.48	653	18	—	5	676
Kelantan	940	140.30	6	2.10	946	142.40	63	2	—	—	65
JUMLAH .. TOTAL	15,116	2,495.85	1,192	2,181.66	16,308	4,677.51	9,019	1,896	134	285	11,334

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
B1. ANGGARAN PENGHASILAN IKAN DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN, 1982
 ESTIMATED PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1982

												JENIS IKAN / SPECIES							Jumlah dlm. Tan Metrik
												Lampam Jawa Javanese carp	Lee Koh Common carp	Kap Kepala Besar Big Head carp	Kap Rumput Grass carp	Ketutu Marble goby	Tilapia Tilapia	Lain-lain Others	Total in tonnes
Perlis	..	..	..	..	..	..	..	..	..	..	..	0.04	—	1.00	1.20	—	—	—	2.24
Kedah	..	..	..	..	..	..	..	..	..	..	..	0.30	—	7.50	0.20	—	0.50	—	8.50
Pulau Pinang	..	..	..	..	..	..	..	..	..	..	..	0.20	—	6.00	1.00	—	—	—	7.20
Perak	..	..	..	..	..	..	..	..	..	..	..	1.20	0.30	3.80	3.80	—	—	—	9.10
Selangor	..	..	..	..	..	..	..	..	..	..	..	0.03	—	0.10	0.09	0.10	0.05	0.06	0.43
Wilayah Persekutuan	..	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
Negeri Sembilan	..	..	..	..	..	..	..	..	..	..	..	0.05	—	0.20	0.14	—	—	—	0.39
Melaka	..	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
Johor	..	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
Pahang	..	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
Terengganu	..	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
Kelantan	..	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
JUMLAH .. TOTAL												1.82	0.30	18.60	6.43	0.10	0.55	0.06	27.86

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
B2. ANGGARAN NILAI BORONG HASIL DARI SANGKAR AIRTAWAR MENGIKUT NEGERI DAN JENIS IKAN, 1982
 ESTIMATED VALUE OF FISH PRODUCTION FROM FRESHWATER CAGES BY STATE AND SPECIES, 1982

											JENIS IKAN / SPECIES							Jumlah dlm M\$ Total in M\$
											Lampau Jawa Javanese carp	Lee Koh Common carp	Kap Kepala Besar Big Head carp	Kap Rumpit Grass carp	Ketutu Marble goby	Tilapia Tilapia	Lain-lain Others	
Perlis	..	..	..	..	..	..	..	..	..	..	106	—	2,700	3,720	—	—	—	6,526
Kedah	..	..	..	..	..	..	..	..	..	..	795	—	20,250	620	—	825	—	22,490
Pulau Pinang	..	..	..	..	..	..	..	..	..	..	530	—	16,200	3,100	—	—	—	19,830
Perak	..	..	..	..	..	..	..	..	..	..	3,180	960	10,260	11,780	—	—	—	26,180
Selangor	..	..	..	..	..	..	..	..	..	..	80	—	270	279	162	83	120	994
Wilayah Persekutuan	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
Negeri Sembilan	..	..	..	..	..	..	..	..	..	..	133	—	540	378	—	—	—	1,051
Melaka	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
Johor	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
Pahang	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
Terengganu	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
Kelantan	..	..	..	..	..	..	..	..	..	..	—	—	—	—	—	—	—	—
JUMLAH .. TOTAL											4,824	960	50,220	19,877	162	908	120	77,071

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

**B3. ANGGARAN BILANGAN DAN LUAS SANGKAR IKAN AIRTAWAR YANG DIUSAHAKAN SERTA BILANGAN
PENTERNAK MENGIKUT NEGERI, 1982**

ESTIMATED NUMBER AND ACREAGE OF FRESHWATER CAGES AND NUMBER OF CULTURISTS BY STATE, 1982

Negeri State	Bilangan Rakit No. of rafts	Bilangan Sangkar No. of cages	Luas Sangkar Dim meter persegi Cage Area in sq. m	Bilangan Penternak / No. of culturists				Jumlah Total
				Melayu Malay	Cina Chinese	India Indian	Lain-lain Others	
Perlis	4	16	148.84	4	—	—	—	4
Kedah	35	120	1,265.50	29	2	—	—	31
Pulau Pinang	24	96	223.20	5	7	—	—	12
Perak	277	1,108	10,195.54	248	—	—	25	273
Selangor	7	28	252.00	4	—	2	—	6
Wilayah Persekutuan	—	—	—	—	—	—	—	—
Negeri Sembilan	11	44	396.00	11	—	—	—	11
Melaka	11	44	396.00	3	8	—	—	11
Johor	56	224	2,074.06	55	1	—	—	56
Pahang	8	32	297.70	5	—	—	3	8
Terengganu	6	24	208.60	5	1	—	—	6
Kelantan	65	260	—	63	2	—	—	65
JUMLAH .. TOTAL	504	1,996	15,457.44	432	21	2	28	483

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA

C1. ANGGARAN PENGELUARAN HASIL IKAN DARI KOLAM AIRPAYAU/MASIN MENGIKUT NEGERI DAN JENIS IKAN, 1982
 ESTIMATED PRODUCTION FROM MARINE/BRACKISHWATER PONDS BY STATE AND SPECIES, 1982

Negeri State	JENIS IKAN / SPECIES				
	Udang Harimau Tiger Prawn	Udang Putih Banana Prawn	Siakap Barramundi	Ketam Batu Mud Crab	Jumlah (dlm tan metrik) Total (in tonnes)
Perlis	0.20	0.19	0.20	—	0.59
Kedah	2.20	2.02	2.50	—	6.72
Pulau Pinang	3.20	2.94	3.70	—	9.84
Perak.. .. .	0.40	0.39	0.50	—	1.29
Selangor	1.30	1.20	1.50	—	4.00
Wilayah Persekutuan	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—
Melaka	0.20	0.20	0.30	—	0.70
Johor	67.20	62.00	77.50	87.11	293.81
Pahang	1.20	1.10	1.40	—	3.70
Terengganu	—	—	—	0.30	0.30
Kelantan	1.80	1.60	2.00	—	5.40
JUMLAH .. TOTAL	77.70	71.64	89.60	87.41	326.35

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

C2. ANGGARAN NILAI BORANG PENGELUARAN KOLAM AIRPAYAU/MASIN MENGIKUT NEGERI DAN JENIS IKAN, 1982

ESTIMATED VALUE OF MARINE/BRACKISHWATER POND PRODUCTION BY STATE AND SPECIES, 1982

(\$ '000)

Negeri State	JENIS IKAN / SPECIES				
	Udang Harimau <i>Tiger Prawn</i>	Udang Putih <i>Banana Prawn</i>	Siakap <i>Barramundi</i>	Ketam Batu <i>Mud Crab</i>	Jumlah (dlm M\$) <i>Total (in M\$)</i>
Perlis	3.31	3.14	0.62	—	7.07
Kedah	36.41	33.40	7.70	—	77.51
Pulau Pinang	53.00	48.70	11.40	—	113.10
Perak	6.60	6.50	1.50	—	14.60
Selangor	21.50	19.90	4.60	—	46.00
Wilayah Persekutuan	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—
Melaka	3.31	3.31	0.90	—	7.52
Johor	1,112.16	1,026.10	239.50	174.22	2,551.98
Pahang	19.70	18.20	4.30	—	42.20
Terengganu	—	—	—	0.60	0.60
Kelantan	29.80	26.50	6.18	—	62.48
JUMLAH .. TOTAL	1,285.79	1,185.75	276.70	174.82	2,923.06

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

C3. ANGGARAN BILANGAN DAN LUAS KOLAM DAN LAIN-LAIN BADAN PERAIRAN TERSEKAT AIRPAYAU/MASIN SERTA BILANGAN PENTERNAK MENGIKUT NEGERI, 1982

ESTIMATED NUMBER AND ACREAGE OF MARINE/BRACKISHWATER PONDS AND OTHER CONFINED WATER BODIES AND NUMBER OF CULTURISTS BY STATE, 1982

Negeri State	Kolam Binaan <i>Excavated Ponds</i>		Lain-lain Badan Perairan Tersekat <i>Other confined water bodies</i>		Jumlah <i>Total</i>		Bilangan Penternak / <i>No of Culturists</i>				
	Bilangan <i>Number</i>	Luas dlm. ha. <i>Area in ha.</i>	Bilangan <i>Number</i>	Luas dlm. ha. <i>Area in ha.</i>	Bilangan <i>Number</i>	Luas dlm. ha. <i>Area in ha.</i>	Melayu <i>Malay</i>	Cina <i>Chinese</i>	India <i>Indian</i>	Lain-lain <i>Others</i>	Jumlah <i>Total</i>
Perlis	2	1.11	—	—	2	1.11	3	—	—	—	3
Kedah	48	11.41	2	0.36	50	11.77	10	6	1	1	18
Pulau Pinang	11	17.13	—	—	11	17.13	2	1	—	1	4
Perak	16	2.30	—	—	16	2.30	—	1	—	3	4
Selangor	23	7.00	—	—	23	7.00	4	3	—	—	7
Wilayah Persekutuan	—	—	—	—	—	—	—	—	—	—	—
Negeri Sembilan	—	—	—	—	—	—	—	—	—	—	—
Melaka	6	1.30	—	—	6	1.30	6	—	—	—	6
Johor	106	59.40	12	301.83	118	361.23	7	21	—	1	29
Pahang	24	6.44	—	—	24	6.44	12	—	—	—	12
Terengganu	13	3.07	—	—	13	3.07	13	—	—	—	13
Kelantan	4	0.68	—	—	4	0.68	3	1	—	—	4
JUMLAH .. TOTAL	253	109.84	14	302.19	267	412.03	60	33	1	6	100

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

D1. ANGGARAN PENGELUARAN HASIL IKAN DARI SANGKAR AIR PAYAU/MASIN MENGIKUT NEGERI DAN JENIS IKAN, 1982

(Estimated Fish Production From Marine/Brackishwater Cages by State and Species, 1982)

Negeri (State)	Jenis Ikan (Species)	Siakap (Barramundi)	Kerapu (Grouper)	Ketam Batu (Mud Crab)	Jenahak (Mangrove Snapper)	Udang Putih Besar (Banana Prawn)	Lain-Lain Others	Jumlah (Dlm. tan metrik) Total (in tonnes)
Perlis		—	—	—	—	—	—	—
Kedah		—	11.40	—	—	—	—	11.40
P. Pinang		—	45.00	—	—	—	—	45.00
Perak		11.20	4.30	0.02	—	—	—	15.52
Selangor		0.70	0.30	—	—	0.05	0.03	1.08
W. Persekutuan		—	—	—	—	—	—	—
N. Sembilan		—	—	—	—	—	—	—
Melaka		—	—	—	—	—	—	—
Johor		133.00	37.70	—	95.90	—	72.90	339.50
Pahang		—	—	—	—	—	—	—
Terengganu		0.03	0.30	—	—	—	—	0.33
Kelantan		—	—	—	—	—	—	—
JUMLAH (TOTAL)		144.93	99.00	0.02	95.90	0.05	72.93	412.83

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
ANGGARAN NILAI BORONG YANG DIHASILKAN DARI SANGKAR AIRPAYAU/MASIN MENGIKUT NEGERI DAN JENIS IKAN, 1982
Estimated Value of Fish Production From Marine/Brackishwater Cages by State and Species, 1982

Negeri (State)	Jenis Ikan (Species)	Siakap (Barramundi)	Kerapu (Grouper)	Ketam Batu (Mud Crab)	Jenahak (Mangrove Snapper)	Udang Putih Besar (Banana Prawn)	Lain-Lain Others	Jumlah (Dlm. tan metrik) Total (in tonnes)
Perlis		—	—	—	—	—	—	—
Kedah		—	63,156	—	—	—	—	63,156
P. Pinang		—	249,330	—	—	—	—	249,330
Perak		34,608	23,822	98	—	—	—	58,528
Selangor		2,163	1,662	—	—	828	45	4,698
W. Persekutuan		—	—	—	—	—	—	—
N. Sembilan		—	—	—	—	—	—	—
Melaka		—	—	—	—	—	—	—
Johor		410,970	208,858	—	469,910	—	108,621	1,198,359
Pahang		—	—	—	—	—	—	—
Terengganu		93	1,662	—	—	—	—	1,755
Kelantan		—	—	—	—	—	—	—
JUMLAH (TOTAL)		447,834	548,490	98	469,910	828	108,666	1,575,826

SEMANJUNG MALAYSIA/PENINSULAR MALAYSIA

D3. ANGGARAN BILANGAN DAN LUAS SANGKAR IKAN AIR PAYAU/MASIN YANG DIUSAHAKAN SERTA BILANGAN PENTERNAK MENGIKUT NEGERI 1982

(Estimated Number and Acreage of Marine/Brackishwater Cages and Number of Culturists by State, 1982)

Negeri (State)	Bilangan Rakit (No. of rafts)	Bilangan Sangkar (No. of cages)	Luas Sangkar (Dlm. meter persegi) (Area Cages (In sq. meter)	Bilangan Penternak (No. of Culturists)				
				Melayu (Malay)	Cina (Chinese)	India (Indian)	Lain-Lain (Others)	Jumlah (Total)
Perlis	—	—	—	—	—	—	—	—
Kedah	62	248	2,307.00	43	—	—	2	45
P. Pinang	221	976	5,910.18	25	96	—	4	125
Perak	189	664	6,174.86	—	28	—	5	33
Selangor	10	40	366.20	4	5	2	—	11
W. Persekutuan	—	—	—	—	—	—	—	—
N. Sembilan	—	—	—	—	—	—	—	—
Melaka	—	—	—	—	—	—	—	—
Johor	117	483	4,515.40	58	20	—	—	78
Pahang	3	12	111.70	3	—	—	—	3
Terengganu	1	4	5,030.00	1	—	—	—	1
Kelantan	18	72	—	18	—	—	—	18
JUMLAH (TOTAL)	621	2,499	24,415.34	152	149	2	11	314

E1

HARGA BORONG PURATA IKAN DARAT DIPASAR UTAMA MENGIKUT NEGERI DAN JENIS (\$/kg), 1982

(Average wholesale prices of freshwater fish at major markets by State and Species (\$/Kg), 1982)

Jenis Ikan Species	Negeri State	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Negeri Sembilan	Melaka	Johor	Pahang	Trengganu	Kelantan	Wilayah Persekutuan
Kerai	-	-	-	-	-	-	-	-	-	4.40	-	-	-
Baung	-	-	-	-	3.10	-	-	-	3.89	4.85	-	-	-
Belida	-	-	-	-	2.35	-	-	-	-	4.30	-	1.75	-
Bujuk	-	-	-	-	2.50	-	-	-	-	-	-	-	-
Haruan	-	-	-	0.94	2.32	1.98	2.88	4.67	4.00	3.18	-	2.00	3.94
Kap Rumpun ..	-	2.60	2.83	1.73	3.08	3.17	2.88	3.24	2.00	3.56	3.25	2.80	4.06
Kap Perak ..	-	-	-	-	-	-	-	-	-	3.20	-	-	-
Kelah	-	-	-	-	-	-	-	-	4.00	4.00	-	7.50	-
Tapah	-	-	-	-	4.10	-	-	-	3.20	4.66	-	-	-
Keli	-	-	-	0.88	2.39	2.75	2.84	1.69	3.25	2.90	-	2.75	3.53
Ketutu	-	-	-	-	23.28	-	13.12	18.50	-	6.05	-	-	2.65
Kap Kepala Besar ..	-	-	1.97	1.40	2.08	1.10	2.67	2.45	2.10	3.49	2.92	2.50	2.50
Lampam Jawa ..	-	-	2.74	-	2.35	1.78	2.65	2.19	1.60	3.90	2.43	2.50	-
Lampam Sungai ..	-	-	0.07	0.75	2.15	1.50	2.67	-	-	4.00	-	2.00	-
Lee Koh	-	-	3.30	2.60	3.30	2.15	2.68	1.80	-	3.83	2.90	2.50	4.20
Patin Muncong ..	-	-	-	-	-	-	-	-	-	27.70	-	-	-
Patin Buah	-	-	-	-	7.00	-	-	-	-	17.00	-	-	-
Sapat Siam	-	-	-	-	1.25	2.13	1.23	1.62	-	2.00	-	-	2.00
Temelian	-	-	-	-	1.65	-	-	-	-	3.85	-	-	-
Tanggalan	-	-	-	-	-	-	-	-	-	17.50	-	-	-
Terubol	-	-	-	-	1.12	-	-	-	-	2.50	-	-	-
Tilapia	-	2.50	3.40	-	1.15	2.26	2.00	-	0.50	3.25	-	-	2.00
Udang Gajah Besar ..	-	-	16.50	-	21.00	-	-	-	6.89	2.10	-	-	-
Udang Gajah Sedang ..	-	-	-	8.00	14.00	10.50	-	12.26	10.44	15.35	6.00	7.25	12.05
Udang Gajah Kecil ..	-	-	-	-	12.00	-	-	-	4.89	4.00	-	-	9.15
Sapat Padi	-	-	-	-	1.59	-	-	-	-	-	-	-	-
Puyu	-	-	-	-	1.00	2.40	-	-	-	3.80	-	-	3.50
Peibagai	-	-	-	-	1.03	1.50	-	-	-	-	-	-	-
Gohak	-	-	-	-	-	-	-	-	-	6.00	-	-	-
Temperas	-	-	-	-	-	-	-	-	-	1.45	-	-	-
Kalui	-	-	-	-	-	-	-	-	-	2.00	-	-	-
Temakang	-	-	-	-	1.42	-	-	-	-	3.00	-	-	-
Temoleh	-	-	-	-	-	-	-	-	-	4.65	-	-	-
P. Perak	-	-	-	-	4.00	-	-	-	-	3.45	-	-	-
P. Pisang	-	-	-	-	1.38	-	-	-	-	-	-	-	-
Sapat	-	-	-	-	1.52	-	-	-	-	-	-	-	-
Putih	-	-	-	-	-	1.73	-	-	-	-	-	-	-
Patin (Seluang) ..	-	-	-	-	-	-	-	-	-	5.94	-	-	-
T. Goga	-	-	-	-	-	-	-	-	-	3.50	-	-	-
Campus	-	-	-	-	-	1.40	-	-	-	-	-	-	-
Tonggan	-	-	-	-	-	-	-	-	-	4.25	-	-	-
Kap Lumpur	-	-	-	-	4.27	-	-	-	-	2.50	-	-	-
Kerapot	-	-	-	-	-	-	-	-	-	-	-	-	-
Kelabau	-	-	-	-	-	-	-	-	-	3.40	-	-	-
Jelawat	-	-	19.87	-	14.88	8.20	21.21	13.00	-	37.10	-	-	-
Patin Sungai	-	-	-	-	0.65	-	-	-	-	13.00	-	-	5.00

SEMANANJUNG MALAYSIA/PENINSULAR MALAYSIA

JADUAL (TABLE) 13.2

E2

HARGA BORONG IKAN DARAT DIPASAR UTAMA MENGIKUT BULAN DAN JENIS IKAN BAGI TAHUN (\$/KG) – 1982

(Average Wholesale Prices of Freshwater Fish at Major Markets by Month and Species (\$/kg) – 1982)

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	Harga Purata Average Price
Jenis Ikan Species														
Pisang-pisang		—	—	—	—	—	1.00	1.00	1.00	—	—	1.00	—	1.00
Sepat		—	1.05	1.45	—	1.75	1.43	1.46	1.36	1.75	1.75	—	1.43	1.49
Kelah		—	—	—	—	—	—	4.25	3.00	—	—	4.00	7.00	4.56
Baung		2.87	4.20	4.78	2.99	3.51	3.23	3.42	4.95	4.30	3.10	5.83	2.94	3.84
Belida		2.06	3.80	2.83	2.76	2.93	1.70	3.80	2.50	3.90	—	—	1.50	2.78
Kerai		5.15	8.75	9.75	7.63	9.75	6.10	4.25	2.00	5.00	5.50	5.00	6.50	6.28
Bujuk		—	—	—	2.50	2.50	2.50	2.50	2.50	2.50	—	—	2.50	2.50
Haruan		1.98	3.63	3.07	2.62	3.05	3.23	2.80	2.90	1.92	2.54	3.15	3.00	2.82
Jelawat		19.00	23.84	21.50	11.00	14.62	11.00	7.80	—	—	—	—	—	15.54
Kap Rumpot		2.39	3.27	3.40	2.54	3.01	3.30	3.22	3.32	2.95	3.36	3.00	3.04	3.07
Kalui		—	—	1.00	—	—	—	3.40	—	2.00	—	4.00	6.00	3.28
Tengkas		—	—	—	—	—	—	7.65	—	—	—	3.00	3.00	4.55
Keli		2.05	2.86	2.74	2.59	2.15	2.40	2.38	2.18	2.54	2.37	2.50	2.74	2.46
Putih		—	—	—	—	1.50	2.18	1.65	1.60	—	1.40	1.80	1.20	1.62
Ketutu/Ubi		15.12	26.09	17.07	13.55	16.07	17.47	14.91	13.92	11.00	6.00	7.00	11.23	14.12
Kap Kepala Besar		1.95	2.64	2.50	4.16	2.43	2.24	2.51	2.49	2.12	2.38	2.57	1.19	2.43
Lampam Jawa		2.14	3.05	2.08	2.31	2.31	2.43	2.73	2.83	2.28	2.41	2.29	2.63	2.46
Lampam Sungai		2.11	3.33	2.50	2.45	2.46	2.50	2.30	2.27	1.86	1.62	2.40	2.78	2.38
Temelian		—	—	4.22	—	5.20	4.22	5.10	3.00	—	3.00	—	3.00	3.96
Lee Koh		2.58	3.71	3.42	2.58	2.95	—	3.38	3.18	2.87	2.33	2.33	3.05	2.94
Patin Muncong/Buah		19.33	28.12	26.00	17.57	53.62	53.70	56.10	28.10	33.00	22.35	23.00	17.50	31.53
Patin/Seluang		6.00	5.45	11.37	5.00	21.12	21.13	25.50	7.00	8.55	3.35	3.33	8.50	10.53
Sepat Siam		1.21	3.37	2.13	1.65	1.57	1.72	1.54	1.48	1.91	1.75	1.75	1.62	1.81
Temakang		1.42	2.10	1.27	1.38	1.74	1.61	1.82	2.14	2.15	—	1.00	1.00	1.60
Tenggalan		4.00	10.25	4.00	14.62	21.12	22.75	22.10	13.00	13.00	13.00	13.00	8.00	13.24
Terubol		1.44	2.71	1.05	1.48	1.90	2.53	1.10	1.55	1.10	—	1.67	1.50	1.64
Tilapia		0.83	2.16	1.09	1.33	1.83	1.35	1.91	2.53	1.90	2.03	1.76	1.48	1.69
Tapah		3.20	4.97	3.59	3.20	4.03	3.40	3.25	3.50	3.25	—	—	—	3.60
Udang Galah Besar		—	—	19.60	18.50	15.87	19.20	16.66	19.00	16.50	14.50	14.43	18.50	17.28
Udang Galah Sedang		9.62	15.67	12.84	11.05	11.15	12.16	9.48	11.66	13.16	12.75	12.16	12.68	12.03
Udang Galah Kecil		—	—	5.40	5.00	7.00	9.75	6.62	5.28	9.25	4.00	6.00	—	6.48
Kelabau		—	—	4.87	—	—	—	—	—	—	—	—	—	4.87
Puyu		1.75	4.35	2.47	2.70	2.92	1.90	2.60	1.90	2.00	2.37	2.10	2.90	2.50
Sebarau		3.30	5.25	—	—	—	—	3.40	—	—	—	1.80	1.90	3.13
Toman Bunga		—	—	—	—	—	—	—	—	—	3.50	—	—	3.50
Pelbagai/Lain Campur		1.20	1.83	1.00	1.71	2.69	—	1.45	1.30	0.80	1.40	—	1.10	1.45
Temoleh		3.00	4.55	4.87	4.22	—	—	—	5.50	5.60	—	5.50	—	4.75

E3.

2.18 HARGA RUNCIT PURATA IKAN DARAT DIPASAR UTAMA MENGIKUT BULAN DAN JENIS IKAN (\$/KG) – 1982

(Average Retail Prices of Freshwater Fish at Major Markets by Month and Species (\$/kg) – 1982)

Jenis Ikan Species	Bulan Month	Januari	Februari	Mach	April	Mei	Jun	Julai	Ogos	September	Oktober	November	Disember	Purata Harga Average Price
		January	February	March	April	May	June	July	August	September	October	November	December	
P. Pisang		—	—	—	—	—	1.50	1.50	1.50	1.12	—	1.50	—	1.43
Sepat		—	4.65	1.90	—	2.05	—	2.45	1.80	2.20	—	—	1.63	2.38
Kelah		—	—	—	—	—	—	5.10	4.00	6.75	4.00	5.00	8.00	5.48
Baung		3.52	4.84	5.93	4.19	4.64	4.02	5.38	6.23	4.90	5.10	—	3.81	4.78
Belida		3.00	4.08	1.00	3.63	3.71	1.70	6.42	5.20	4.85	5.50	6.73	2.40	4.02
Kerai		8.00	9.75	10.56	8.52	10.96	7.40	—	5.00	7.00	6.00	7.00	7.00	7.93
Bujuk		—	—	—	3.40	3.40	2.50	4.45	3.40	3.40	—	—	3.40	3.42
Haruan		2.69	4.96	3.99	3.54	4.10	4.80	3.91	3.86	4.08	3.38	3.20	3.48	3.83
Jelawat		16.00	27.23	22.32	11.00	20.58	—	15.50	—	18.00	—	—	—	18.67
Kap Rumput		3.99	4.55	4.27	3.75	3.93	4.13	4.28	4.33	—	4.13	3.65	3.78	4.07
Kalui		—	—	1.80	—	—	—	4.25	—	3.50	—	4.50	6.00	4.01
Tengkas		—	—	—	—	—	—	8.52	—	—	—	3.50	3.50	5.17
Keli		2.44	3.90	3.53	3.39	3.43	3.29	3.44	3.21	3.19	2.86	2.66	2.59	3.16
Puteh		—	—	—	—	1.40	2.50	1.70	1.80	—	1.60	2.22	1.60	1.83
Ketutu/Ubi		17.87	28.70	21.06	19.69	20.17	21.30	18.20	17.11	15.10	7.00	8.00	13.57	17.31
Kap Kepala Besar		2.49	3.39	3.49	2.74	3.20	3.32	3.63	3.75	2.89	3.73	2.82	2.71	3.18
Lampam Jawa		2.64	3.71	3.12	3.21	2.92	3.35	3.86	3.69	3.13	3.04	2.96	3.28	3.24
Lampam Sungai		2.71	3.33	3.37	3.24	3.17	2.40	3.53	3.77	2.54	1.78	2.65	2.60	2.92
Temelian		—	—	4.87	—	—	4.87	7.22	—	4.00	—	—	4.00	5.00
Lee Koh		2.88	4.29	4.18	3.47	3.87	4.51	4.17	3.85	3.97	4.00	2.97	3.75	3.83
Patin Muncong/Buah		20.00	32.50	29.25	20.90	55.25	55.37	23.90	31.15	34.00	27.00	24.00	18.00	30.95
Patin/Seluang		7.00	6.21	8.93	7.50	26.80	25.00	30.60	8.00	9.89	3.80	3.74	8.75	12.19
Sepat Siam		2.20	3.58	2.58	2.18	2.35	2.75	2.32	2.05	2.28	3.50	2.06	2.08	2.50
Temakang		2.10	3.34	2.00	2.08	2.52	2.64	2.60	2.75	2.84	—	1.60	1.80	2.39
Tenggalan		4.00	14.62	5.00	9.65	22.75	27.62	9.80	8.50	8.50	14.00	14.00	6.25	12.06
Terubol		2.08	2.92	1.69	2.03	2.35	2.41	1.95	2.10	1.68	—	2.82	2.08	2.20
Tilapia		1.78	3.01	2.42	2.85	2.57	1.87	2.45	2.93	2.64	2.79	2.67	2.25	2.52
Tapah		—	—	—	—	—	—	—	—	—	—	—	—	—
Tapah		4.75	5.62	4.29	5.65	6.50	4.20	4.55	3.40	3.20	—	—	—	4.69
Udang Galah Besar		—	—	18.25	22.70	19.63	18.88	19.22	23.14	18.70	16.50	16.29	20.00	19.33
Udang Galah Sedang		11.55	17.38	18.53	13.97	11.73	13.22	12.10	13.59	15.50	12.55	14.42	14.53	14.09
Udang Galah Kecil		—	—	7.48	8.00	8.28	7.62	7.12	7.92	11.84	5.00	7.50	—	7.87
Kelabau		—	—	—	—	—	—	4.25	—	—	—	—	—	4.25
Puyur		2.80	4.58	3.02	3.25	3.48	3.10	2.96	2.30	3.01	3.95	3.28	2.98	3.23
Sebarau		4.10	5.36	—	4.22	2.10	4.06	4.95	—	—	—	2.00	2.30	3.64
Toman Bunga		—	—	—	—	—	—	—	—	—	4.00	—	—	4.00
Pelbagai/Ikan Campur		1.60	2.97	1.80	2.70	2.53	3.04	1.90	1.75	1.40	1.60	—	1.70	2.09
Temoleh		4.00	4.87	6.50	4.35	—	—	—	6.00	6.00	—	6.00	—	5.39
Loma		—	—	—	2.65	—	—	2.80	—	—	—	—	—	2.73
Kap Lumpur		—	—	5.75	6.60	5.20	4.80	5.60	—	6.00	—	—	—	5.66

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA

JADUAL (TABLE) 13.4

E4

PENJUALAN IKAN DARAT DIPASAR UTAMA MENGIKUT NEGERI DAN JENIS IKAN, 1982
 (Sale of Freshwater Fish at Major Markets by State and Species, 1982)

Jenis Ikan Species	Negeri/State												Jumlah/Total	
	Perlis	Kedah	Pulau Pinang	Perak	Selangor	Wilayah Persekutuan	Negeri Sembilan	Melaka	Johor	Pahang	Trengganu	Kelantan	Kgr	Dlm Tan Metrik In Tonnes
Pucuk-pisang ..	—	—	—	1,110.00	—	—	—	—	—	—	—	—	1,110.00	1.11
Sepat ..	—	—	—	8,865.10	—	—	—	36.36	—	—	—	—	8,901.46	8.90
Kelah ..	—	—	—	—	—	—	—	—	—	255.00	—	36.00	291.00	0.29
Baung ..	—	10.00	—	15,186.60	—	—	—	—	3,104.15	712.87	—	—	19,013.62	19.01
Belida ..	—	—	—	6,317.00	—	—	—	—	2,484.00	73.00	—	—	8,874.00	8.87
Kerai ..	—	—	—	—	—	—	—	—	—	139.00	—	—	139.00	0.14
Bujuk ..	—	—	—	4,300.00	—	—	—	—	—	7.87	—	—	4,307.87	4.31
Haruan ..	—	—	1,288.87	89,227.00	833.80	2,583.93	1,278.13	1,664.62	364.96	662.75	—	27.00	97,931.06	97.93
Jelawat ..	133.00	27.00	—	1,140.00	710.00	—	12.12	—	—	26.00	—	10.00	2,058.12	2.06
Kap Rumput ..	—	3,819.85	1,308.90	78,717.00	24,206.27	96,309.14	31,213.45	31,665.90	2,802.40	1,577.87	619.15	403.86	272,643.79	272.64
Kalui ..	—	—	—	30.00	—	—	—	—	—	—	—	—	30.00	0.03
Tengkas ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Keli ..	—	—	1,193.12	165,369.40	2,928.76	27,783.81	10,712.49	2,291.95	—	2,117.41	—	19.54	212,416.48	212.42
Putih ..	—	—	—	76.55	726.65	—	—	—	—	—	—	—	803.20	0.80
Ketutu/Ubi ..	—	—	—	20,252.00	604.00	—	614.79	154.60	—	109.00	—	—	21,734.39	21.73
Kap Kepala Besar ..	—	287.69	946.47	41,405.75	28,969.50	204,751.08	48,870.12	3,313.54	1,095.50	896.48	812.72	238.48	331,587.33	331.59
Lampam Jawa ..	—	937.35	—	48,668.40	6,691.84	—	10,606.68	31,245.50	302.00	677.54	595.21	501.74	100,226.26	100.23
Lampam Sungai ..	—	—	1,043.00	32,174.70	1,174.60	—	738.02	—	454.00	185.43	—	176.00	35,945.75	35.95
Temelian ..	—	—	—	—	—	—	—	—	—	217.40	—	—	217.40	0.22
Lee Koh ..	—	258.35	—	21,459.00	853.25	4,136.30	9,816.00	3,724.45	—	714.87	329.54	321.47	41,613.23	41.61
Patin Muncong/Buah ..	—	—	—	—	15.00	—	—	314.72	—	754.05	—	—	1,083.77	1.08
Patin/Seluang ..	—	—	—	—	60.48	—	—	1,423.72	135.00	724.05	—	15.00	2,358.25	2.36
Sepat Siam ..	—	61.23	—	37,519.30	2,354.54	412.00	1,247.02	1,322.51	—	50.00	—	—	42,966.60	42.97
Temakang ..	—	—	—	34,927.35	—	—	—	—	—	51.00	—	—	34,978.35	34.98
Tenggalan ..	—	—	—	396.00	—	—	—	—	—	304.46	—	12.00	712.46	0.71
Terubol ..	—	—	—	62,747.76	—	90.90	100.00	1,515.15	—	91.54	—	—	64,545.35	64.55
Tilapia ..	250.00	411.13	—	45,230.60	616.00	7,240.90	2,632.71	—	483.40	228.66	—	—	57,093.40	57.09
Tapah ..	—	—	—	21,772.00	30.00	—	—	—	352.38	91.12	—	—	22,245.50	22.25
Udang Galah Besar ..	—	27.00	222.00	15,773.00	29.50	237.18	—	1,212.00	2,095.00	808.18	—	—	20,403.86	20.40
Udang Galah Sedang ..	—	8.00	288.17	10,163.50	827.10	15,615.13	—	2,483.00	5,561.55	740.00	33.25	109.81	35,829.51	35.83
Udang Galah Kecil ..	—	—	20.00	1,263.00	200.00	7,500.00	181.50	260.81	1,128.87	288.30	—	—	10,842.48	10.84
Kelabau ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puyu ..	—	—	—	2,329.00	670.58	450.00	60.50	302.42	—	113.54	—	—	3,926.04	3.93
Sebarau ..	—	—	—	58.00	—	—	—	484.20	—	—	—	60.00	602.20	0.60
Loma ..	—	—	—	874.00	—	—	—	—	—	—	—	—	874.00	0.87
Pelbagai/Ikan Campur ..	—	—	—	24,873.00	526.21	—	—	—	—	143.00	—	265.00	25,807.21	25.81
Temolen ..	—	—	—	—	—	—	—	—	—	141.09	—	—	141.09	0.14
Kap Lumpur ..	—	—	—	6,429.00	—	—	—	—	—	—	—	30.00	6,459.00	6.46
Kap Perak ..	—	—	—	—	—	—	4,530.50	—	—	—	—	—	4,530.50	4.53
Jumlah/Total: ..	383.00	5,847.60	6,310.53	798,654.01	73,028.08	367,110.37	122,614.03	83,415.45	20,363.21	12,901.48	2,389.87	2,225.90	1,495,243.53	1,495.24

SEMENANJUNG MALAYSIA / PENINSULAR MALAYSIA
PENGELUARAN BENIH IKAN UDANG AIRTAWAR OLEH PUSAT PENGELUARAN KERAJAAN MENGIKUT PUSAT DAN JENIS IKAN, 1982
FRESHWATER FRY PRODUCTION OF GOVERNMENT HATCHERIES BY HATCHERY AND SPECIES, 1982

<i>Jenis Ikan/Species</i> <i>Negeri/State</i>	<i>Lampam Jawa/ Javanese Carp</i>	<i>Lee Koh/ Common Carp</i>	<i>Sepat Siam/ Snakeskin gouramy</i>	<i>Tilapia/ Tilapia</i>	<i>Undang Galah/ Giant Freshwater Prawn</i>	<i>Jumlah/ Total</i>
Jitra, Kedah	1,180,187	303,683	18,120	145,758	—	1,647,748
Institusi Penyelidikan Perikanan, Pulau Pinang	—	—	—	—	797,200	797,200
Enggor, Perak	550,201	9,765	33,247	26,489	—	619,702
Tapah, Perak	471,172	12,995	44,818	43,914	—	572,899
Kuala Kubu Baru, Selangor	129,955	—	—	—	—	129,955
Port Dickson, Negri Sembilan	—	—	—	—	756,500	756,500
Kong Kong, Johor	898,805	13,460	—	56,925	—	969,190
Tanah Rata, Pahang	131,975	—	—	—	—	131,975
Bukit Tinggi, Pahang	1,011,027	279,894	—	3,980	—	1,294,901
Machang, Kelantan	—	171,010	—	—	—	171,010
<i>Jumlah/Total</i>	<i>4,373,322</i>	<i>790,807</i>	<i>96,185</i>	<i>277,066</i>	<i>1,553,700</i>	<i>7,091,080</i>

SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PEMBAHAGIAN BENIH IKAN/UDANG KEPADA PENTERNAK MENGIKUT NEGERI DAN JENIS IKAN, 1982
(DISTRIBUTION OF FRESHWATER FRY FROM GOVERNMENT HATCHERIES TO CULTURISTS BY STATE AND SPECIES, 1982)

<i>Jenis Ikan/Species</i> <i>Negeri/State</i>	<i>Lampam Jawa/ Javanese Carp</i>	<i>Lee Koh/ Common Carp</i>	<i>Sepat Siam Snakeskin gouramy</i>	<i>Tilapia/ Tilapia</i>	<i>Udang Galah Giant Freshwater Prawn</i>	<i>Jumlah/ Total</i>
Perlis	28,380	6,975	650	11,395	—	47,400
Kedah	791,095	98,443	17,470	58,636	45,000	1,010,644
P. Pinang	145,235	46,015	—	4,990	118,000	314,240
Perak	718,787	45,412	56,703	49,180	141,500	1,011,582
Selangor	259,186	17,445	1,750	400	676,150	954,931
W. Persekutuan	9,344	3,247	32	20	5,000	17,643
N. Sembilan	603,450	107,945	—	4,900	321,200	1,037,495
Melaka	278,836	15,945	—	24,575	119,000	438,356
Johor	473,400	18,960	—	82,990	11,000	586,350
Pahang	297,774	203,875	450	900	3,000	505,999
Terengganu	297,350	53,575	—	—	22,550	373,475
Kelantan	198,715	136,845	13,130	1,500	30,000	380,190
<i>Jumlah/Total</i>	4,101,552	754,682	90,185	239,486	1,492,400	6,678,305

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
PEMBAHAGIAN BENIH IKAN/UDANG UNTUK PELBAGAI KEGUNAAN MENGIKUT NEGERI DAN JENIS IKAN, 1982
DISTRIBUTION OF FRESHWATER FRY FROM GOVERNMENT HATCHERIES FOR RESEARCH AND OTHER PURPOSES BY STATE AND SPECIES, 1982

Jenis Ikan/ <i>Species</i> Negeri/ <i>State</i>	Lampan Jawa/ <i>Javanese Carp</i>	Lee Koh / <i>Common Carp</i>	Sepat Siam <i>Snakeskin gouramy</i>	Tilapia/ <i>Tilapia</i>	Udang Galah <i>Giant Freshwater Prawn</i>	Jumlah/ <i>Total</i>
Perlis	3,000	3,000	—	1,000	14,000	21,000
Kedah	8,000	—	—	1,000	—	9,000
P. Pinang	1,500	—	—	6,000	5,000	12,500
Perak	2,300	3,100	5,000	6,000	2,000	18,400
Selangor	6,815	800	—	800	12,200	20,615
W. Persekutuan	1,000	—	—	—	2,100	3,100
N. Sembilan	1,400	—	600	1,800	—	3,800
Melaka	—	125	—	5,000	—	5,125
Johor	4,500	1,715	—	8,030	20,000	34,245
Pahang	—	410	—	6,550	6,000	12,960
Terengganu	4,025	93	—	500	—	4,618
Kelantan	5,800	—	400	900	—	7,100
Jumlah/ <i>Total</i>	38,340	9,243	6,000	37,580	61,300	152,463

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
JUMLAH ANAK-ANAK IKAN YANG DILEPASKAN DALAM PERAIRAN UMUM
MENGIKUT NEGERI DAN JENIS IKAN, 1982
FRESHWATER FRY FROM GOVERNMENT HATCHERIES RELEASED INTO OPEN
AND IMPOUNDED WATER BODIES BY STATE AND SPECIES, 1982

<i>Jenis Ikan/Species</i> <i>Negeri/State</i>	<i>Lampan Jawa/ Javanese Carp</i>	<i>Lee Koh/ Common Carp</i>	<i>Jumlah/ Total</i>
Perlis	76,000	—	76,000
Kedah	15,000	10,000	25,000
P. Pinang	1,250	1,250	2,500
Perak	83,000	—	83,000
Selangor	—	13,000	13,000
W. Persekutuan	—	—	—
N. Sembilan	43,000	—	43,000
Melaka	800	400	1,200
Johor	4,380	1,390	5,770
Pahang	10,000	—	10,000
Terengganu	—	—	—
Kelantan	—	—	—
<i>Jumlah/Total</i>	233,430	26,040	259,470

SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN PUSAT PENETASAN IKAN/UDANG SWASTA DAN PENGELUARANNYA MENGIKUT NEGERI DAN JENIS IKAN/UDANG, 1982
NO. OF PRIVATE HATCHERIES AND THEIR FRY PRODUCTION BY STATE AND SPECIES, 1982

Jenis Ikan/ <i>Species</i>	Lee Koh/ <i>Common Carp</i>		Udang Harimau/ <i>Tiger Prawn</i>		Udang Galah/ <i>Freshwater Giant Prawn</i>		Jumlah/ <i>Total</i>	
	Bil. pusat penetasan (<i>No. of hatcheries</i>)	Bilangan pengeluaran (<i>Production</i>)	Bil. pusat penetasan (<i>No. of hatcheries</i>)	Bilangan pengeluaran (<i>Production</i>)	Bil. pusat penetasan (<i>No. of hatcheries</i>)	Bilangan pengeluaran (<i>Production</i>)	Bil. pusat penetasan (<i>No. of hatcheries</i>)	Bilangan pengeluaran (<i>Production</i>)
Perlis	—	—	—	—	—	—	—	—
Kedah	—	—	2	2,100,000	—	—	2	2,100,000
P. Pinang	—	—	1	6,000,000	1	600,000	2	6,600,000
Perak	1	100,000	2	26,000,000	—	—	3	26,100,000
Selangor	—	—	—	—	1	470,700	1	470,700
W. Persekutuan	2	75,000	—	—	—	—	2	75,000
Neg. Sembilan	—	—	—	—	—	—	—	—
Melaka	—	—	—	—	1	4,000,000	1	4,000,000
Johor	—	—	1	5,000,000	—	—	1	5,000,000
Pahang	—	—	—	—	—	—	—	—
Terengganu	—	—	—	—	—	—	—	—
Kelantan	—	—	—	—	—	—	—	—
Jumlah/Total	3	175,000	6	39,100,000	3	5,070,700	12	44,345,700

JADUAL (TABLE) 14.4

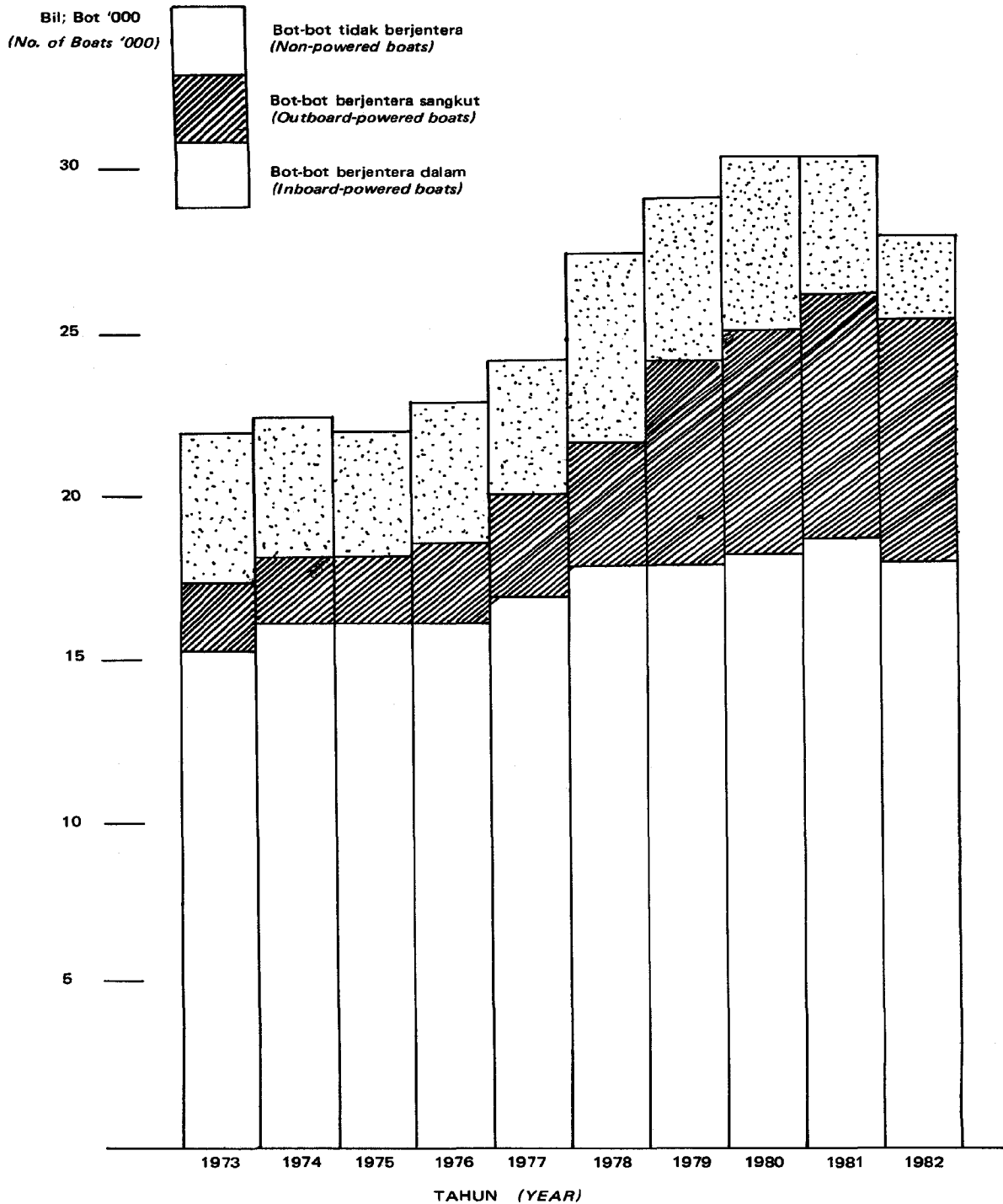
SEMENANJUNG MALAYSIA/PENINSULAR MALAYSIA
BILANGAN PUSAT-PUSAT SEMAIAN IKAN SWASTA DAN PENGELUARAN BENIH MENGIKUT NEGERI DAN JENIS IKAN, 1982
NUMBER OF PRIVATE NURSERIES AND THEIR FRY PRODUCTION BY STATE AND SPECIES, 1982

Negeri/State	Bil. Pusat Semaian No. of nurseries	Jenis Ikan/Species									Jumlah/ Total
		Siakap/ Barramundi	Kerapu/ Grouper	Kap Rumput / Grass Carp	Kap Kepala Besar / Big-Head Carp	Kap Lumpur/ Mud-Carp	Jelawat / Sultan Fish	Tilapia/ Tilapia	Ketutu/ Marble goby	Patin/ River catfish	
Perlis	—	—	—	—	—	—	—	—	—	—	—
Kedah	1	15,000	—	—	—	—	—	—	—	—	15,000
P. Pinang	3	210,000	50,000	—	—	—	—	—	—	—	260,000
Perak	1	—	—	500,000	300,000	20,000	150,000	20,000	—	—	970,000
Selangor	4	—	—	925,000	1,025,000	5,000	264,000	—	—	—	2,219,000
W. Persekutuan	4	—	—	870,000	825,000	—	70,000	—	8,000	35,000	1,808,000
N. Sembilan	—	—	—	—	—	—	—	—	—	—	—
Melaka	1	—	—	100,000	100,000	—	—	—	—	150,000	350,000
Johor	2	—	—	107,200	12,200	—	24,000	30,000	—	110,000	283,400
Pahang	—	—	—	—	—	—	—	—	—	—	—
Terengganu	—	—	—	—	—	—	—	—	—	—	—
Kelantan	—	—	—	—	—	—	—	—	—	—	—
Jumlah/Total	16	225,000	50,000	2,502,200	2,262,200	155,000	378,000	30,000	8,000	295,000	5,905,400

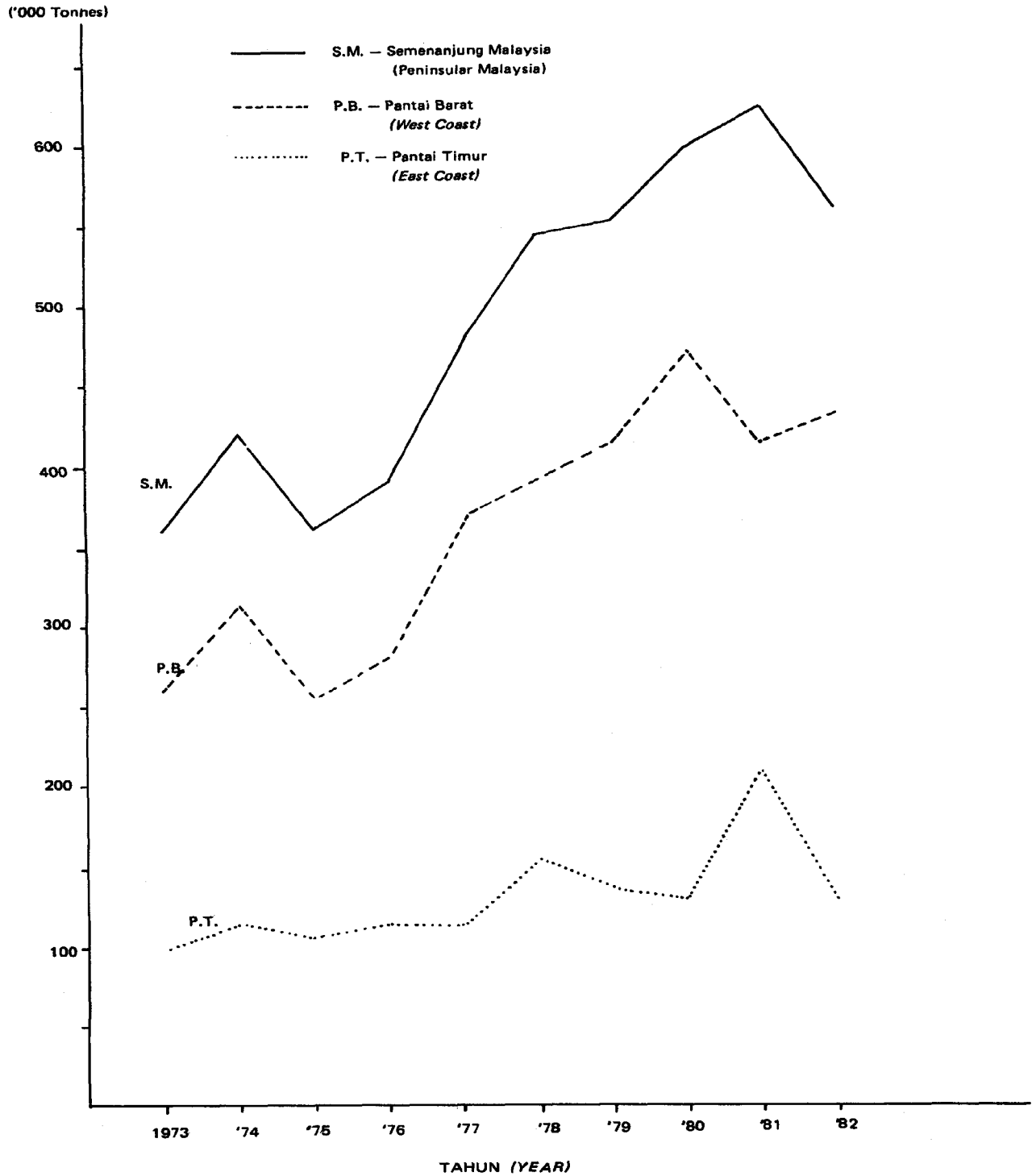
SEMENANJUNG MALAYSIA
(PENINSULAR MALAYSIA)

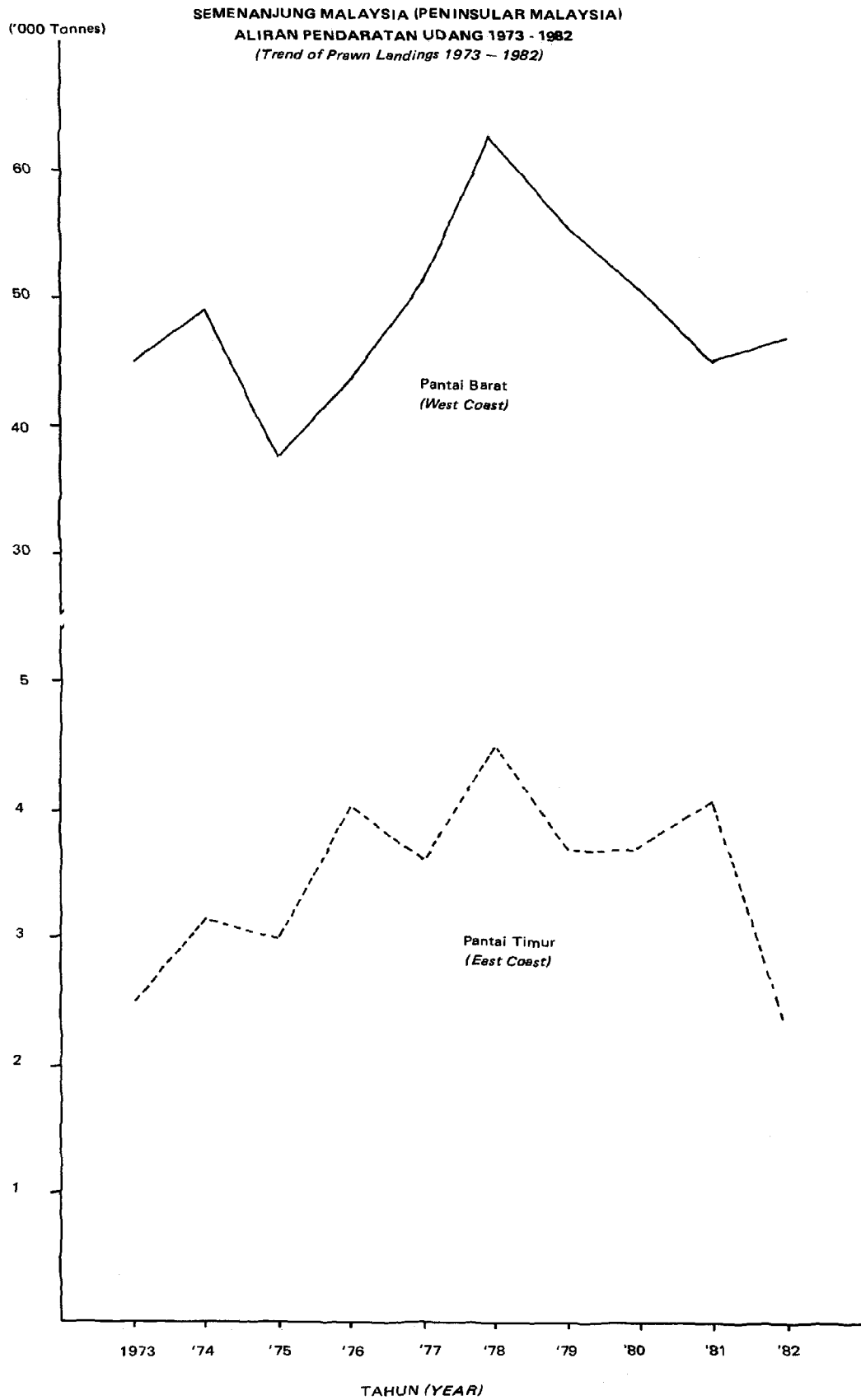
BILANGAN BOT-BOT BERJENTERA DALAM , BERJENTERA SANGKUT DAN TIDAK
BERJENTERA YANG DILESENKAN BAGI JANGKA MASA 1973 -1982

(Number of Inboard-Powered, Outboard-Powered and Non-Powered Fishing Boats
Licensed in the Period 1973 - 1982)

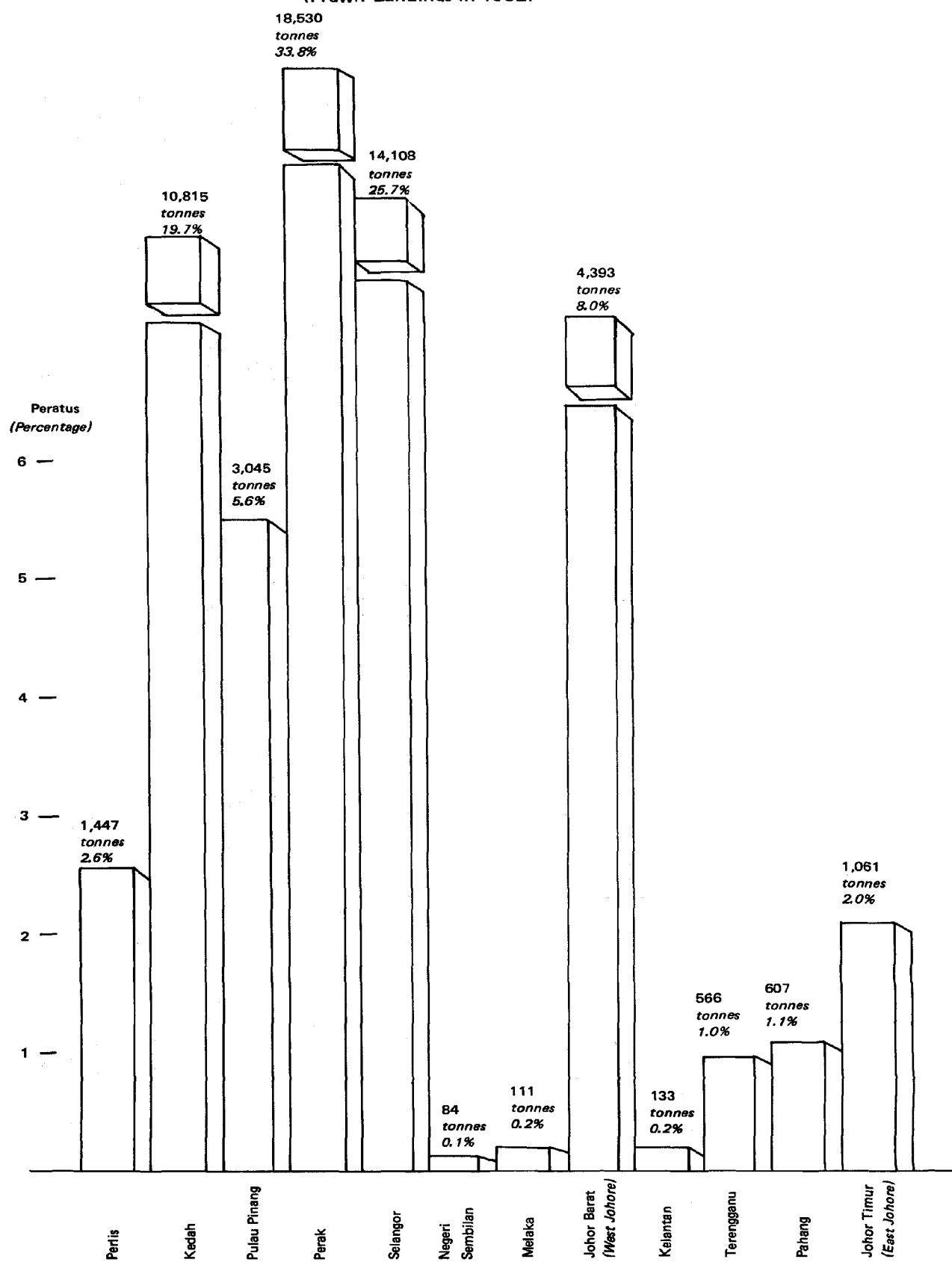


SEMANANJUNG MALAYSIA (PENINSULAR MALAYSIA)
ALIRAN PENDARATAN IKAN LAUT 1973-1982
(Trend of Marine Fish Landings 1973-1982)





SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENDARATAN UDANG, 1982
 (Prawn Landings in 1982)

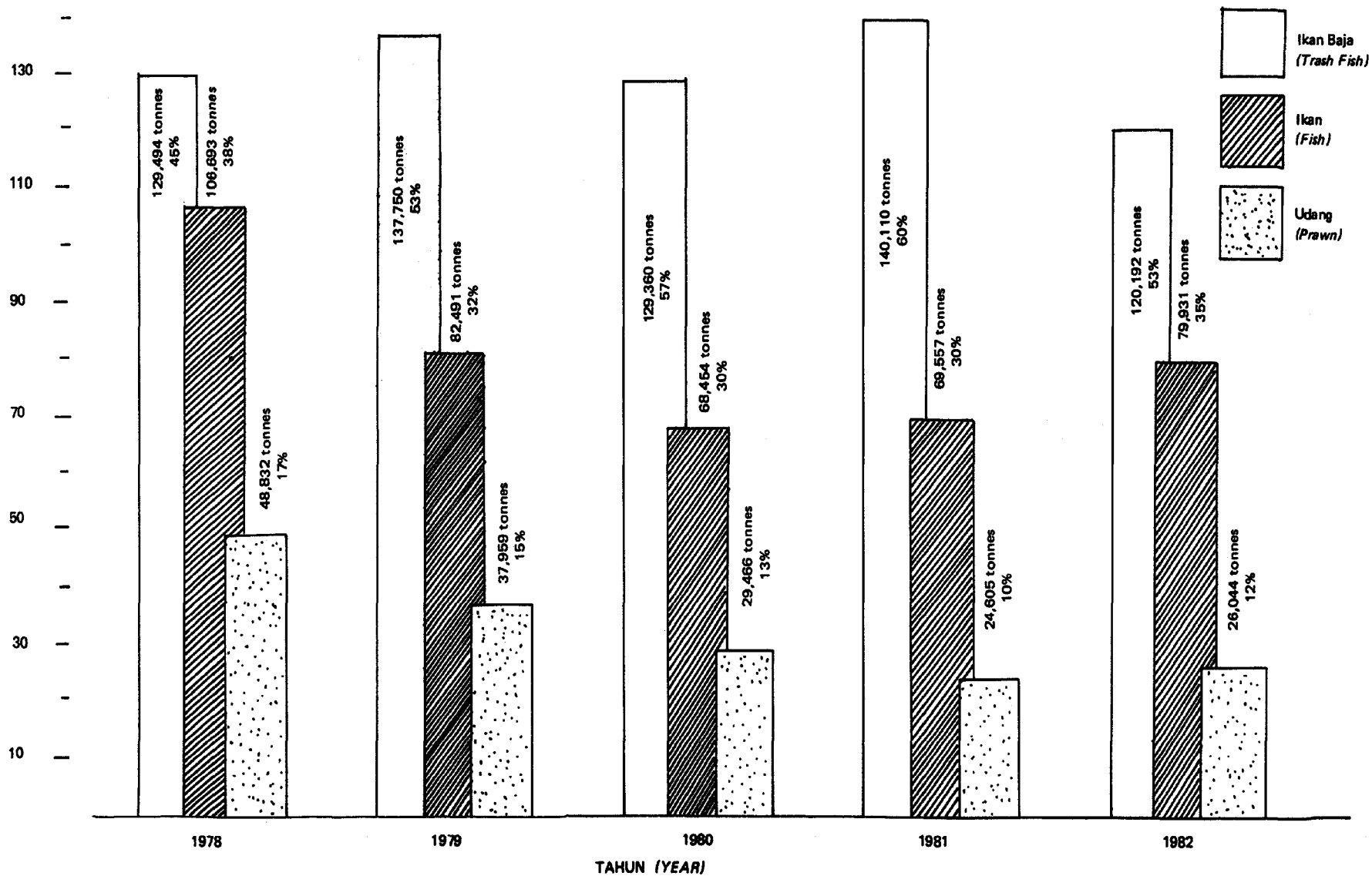


'000 Tan M
(000 tonnes)

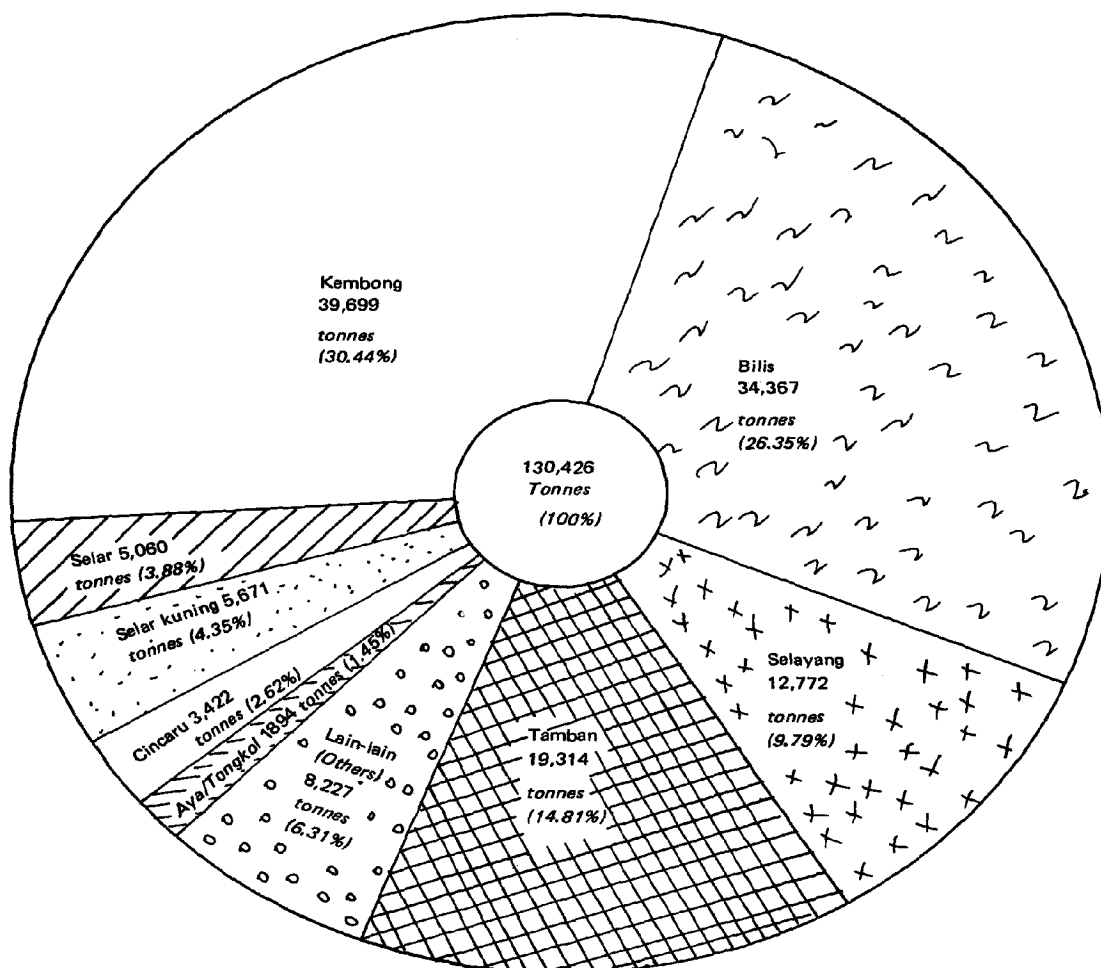
SEMANJUNG MALAYSIA/ PENINSULAR MALAYSIA
PENDARATAN PUKAT TUNDA, 1978 - 1982
TRAWL LANDINGS FOR 1978-1982

CARTA (CHART) E

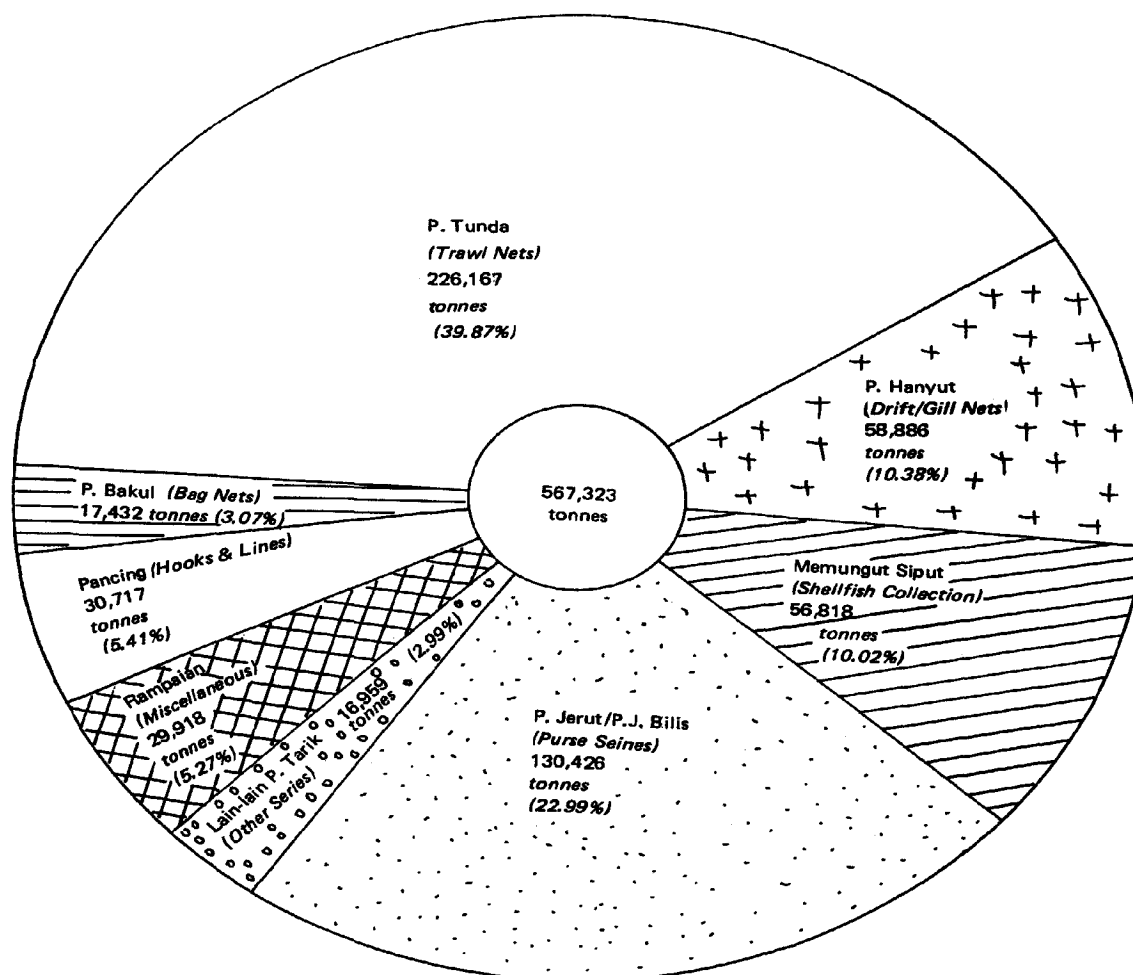
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SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENDARATAN PUKAT JERUT MENGIKUT JENIS IKAN, 1982
 (Purse Seine Landings by Species, 1982)



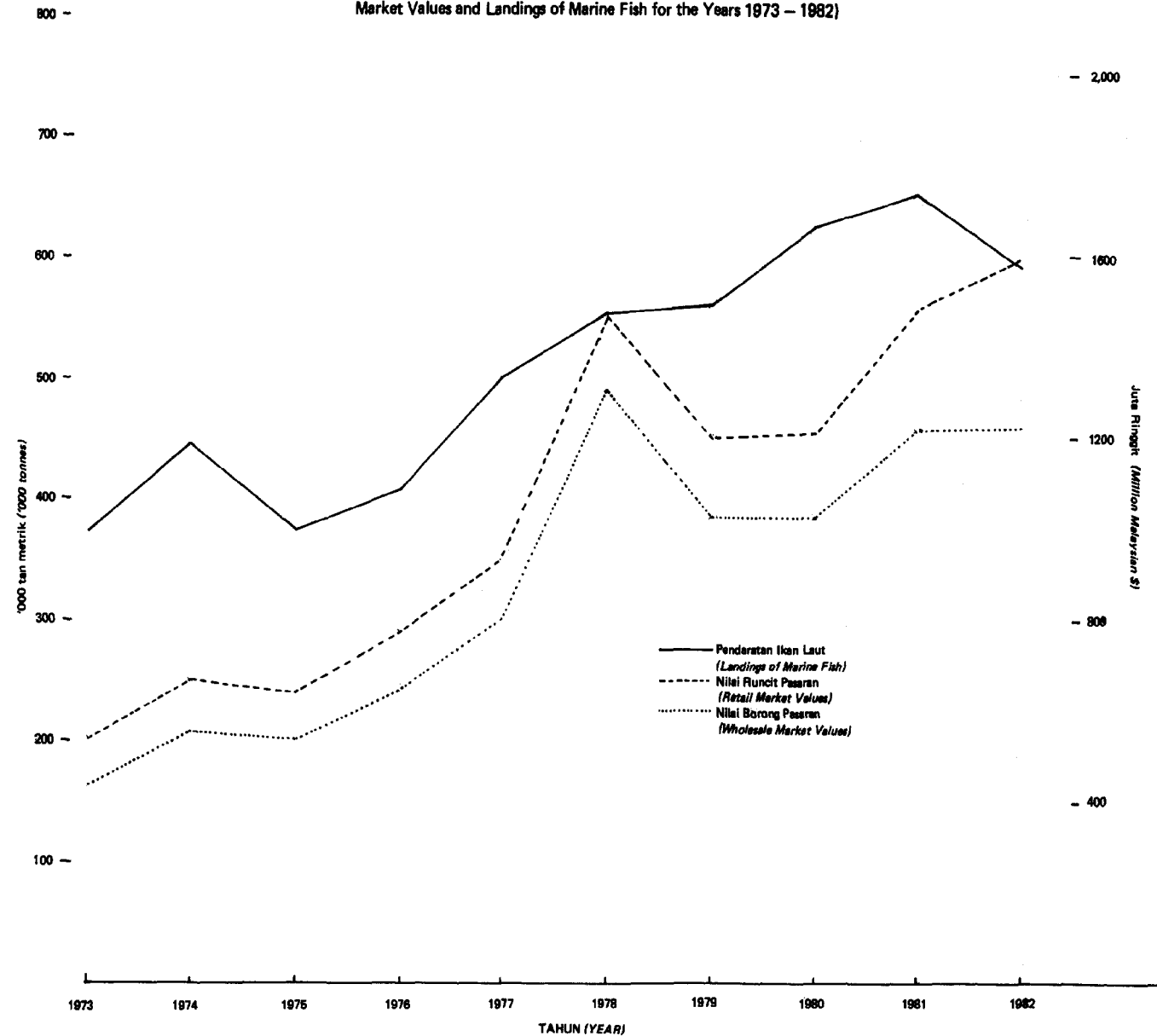
SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
PENDARATAN IKAN LAUT MENGIKUT KUMPULAN PERKAKAS, 1982
 (Landings of Marine Fish by Gear Group, 1982)



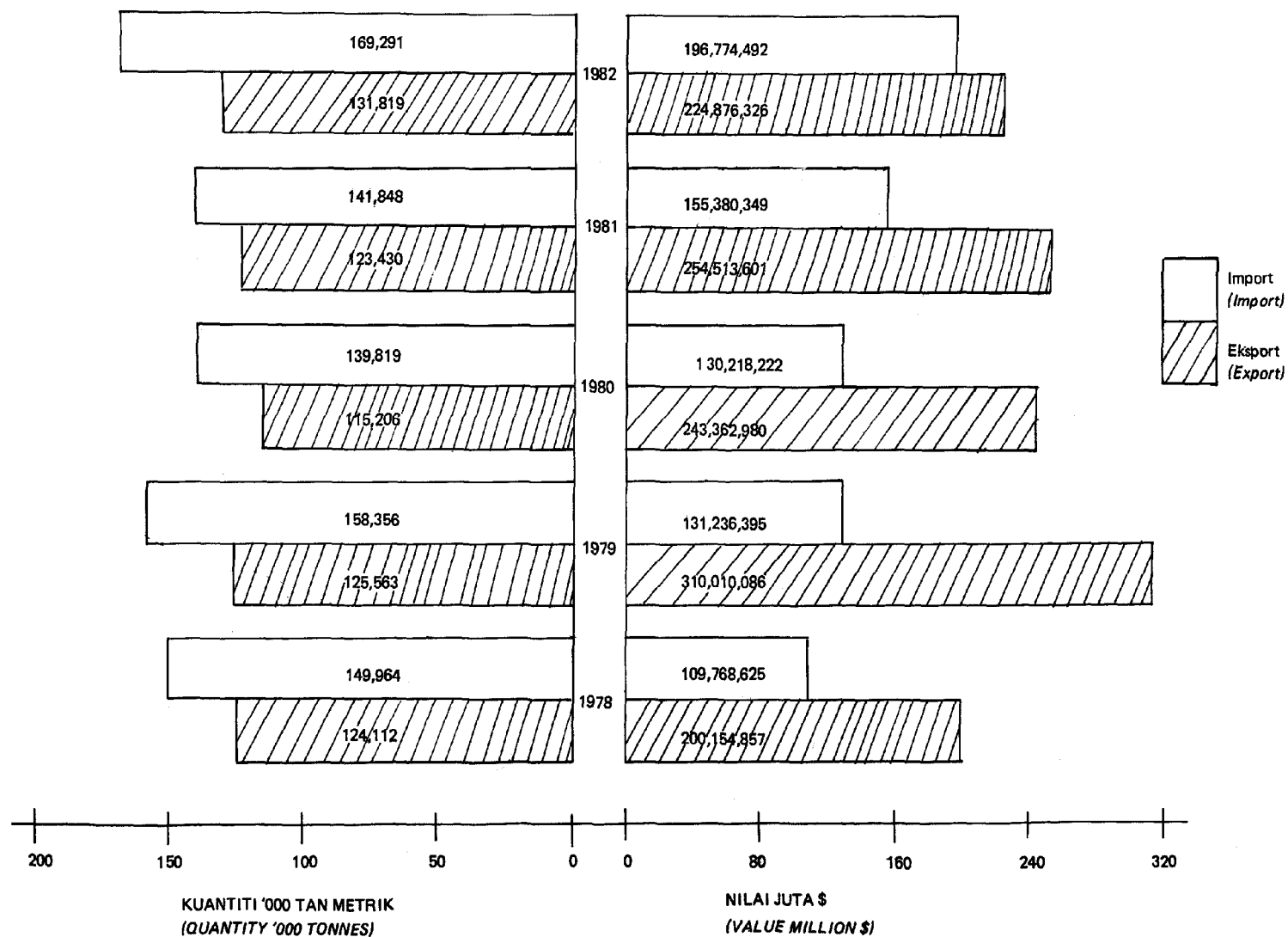
* Rampaian termasuk P. Tangguk, Belat-Belat, Bubu, P. Rentang, P. Surung, dll.
 (Miscellaneous includes Lift Nets, Stationary and Portable Traps, Barrier Nets, Push Nets and Others.)

CARTA (CHART) H

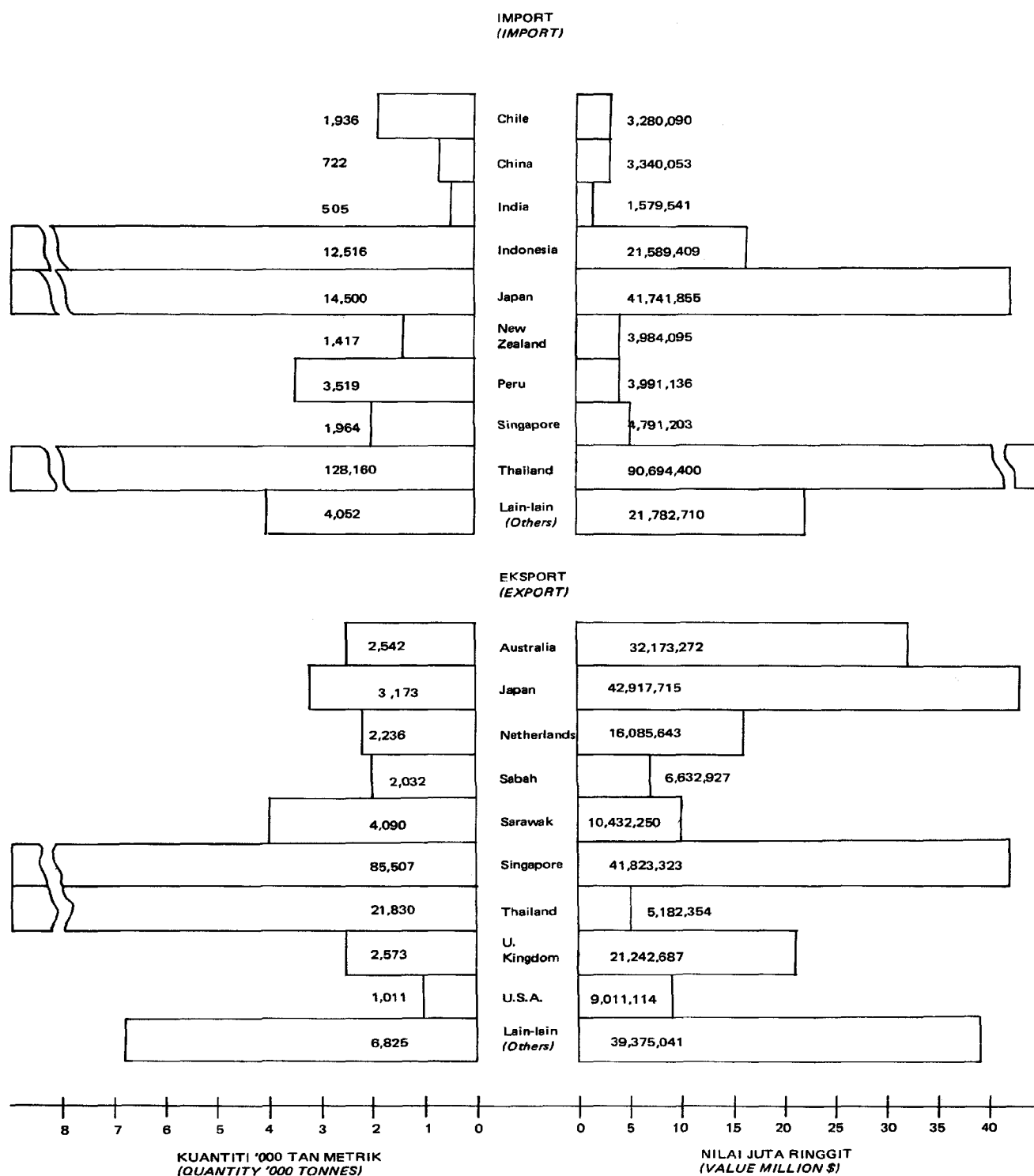
NILAI PASARAN DAN PENDARATAN IKAN LAUT BAGI TAHUN 1973 – 1982
Market Values and Landings of Marine Fish for the Years 1973 – 1982



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
SERI TAHUNAN IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT KUANTITI DAN NILAI
 (Annual Series of Fishery Commodities Imports and Exports by Quantity and Value)



SEMENANJUNG MALAYSIA (PENINSULAR MALAYSIA)
IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT KUANTITI, NILAI
DAN NEGERI ASAL/DESTINASI YANG UTAMA, 1982
 (Imports and Exports of Fishery Commodities by Quality, Value and Major Country
 Of Origin/Destination, 1982)



ERRATA

Pembetulan kepada Perangkaan Tahunan Perikanan, 1981 (Corrections to Annual Fisheries Statistics, 1981)

1. Pendahuluan (Foreword) — Dipara 2 angka tahun 1980 sebenarnya adalah untuk tahun 1981.
— Under para 2, figure for the year 1980 should read as 1981).
2. Kandungan (Contents) — Dibawah tajuk "Kajian Semula Kedudukan Perikanan Laut Tahun 1981", perkataan "states" dalam Inggeris sepatutnya ditulis "status".
— Under the English sub-title, the word "states" should read as "status").
3. Jadual 1.16 (Table 1.16) — Dibawah raungan, "Jumlah Kecil", bilangan Pukat Jerut Ikan adalah 622 bukan 662.
— Under the sub-total column, the number of Purse Seine-Fish should read as 622 not 662.
4. Jadual 2.20 (Table 2.20) — hingga Jadual 2.23 (j) — Dibawah tajuk "Fishing Effort" iaitu "No. of fish units" hendaklah dipindahkan kepada "No. of fishing units".
— till Table 2.23 (j) — Under the fishing Effort column, No. of units" should read as "No. of fishing units).
5. Jadual 3.7 (Table 3.7) — Tajuk "NILAI" hendaklah digantikan perkataan, "HASIL".
— In Bahasa Malaysia the word "NILAI" should read as "HASIL").

PINDAAN/AMENDMENTS
IMPORT DAN EKSPORT BARANGAN PERIKANAN, SEMENJUNG MALAYSIA, 1981
(IMPORTS AND EXPORTS OF FISHERY COMMODITIES, PENINSULAR MALAYSIA, 1981)
Quantiti dalam Tan Metrik & Harga dalam Ringgit Malaysia.
(Quantity in Tonnes dan Value in Malaysian Dollars)

Description of Commodity	IMPORTS		EXPORTS	
	Quantity	Value	Quantity	Value
Fish, Fresh, Chilled or Frozen (excluding fillets)	54,818.30	39,335,245	40,853.46	21,387,069
Fish, Dried, Salted, in Brine or Smoked	5,050.88	8,559,758	6,510.31	6,095,515
Crustaceans adn Molluscs, Fresh, Chilled, Frozen, Dried, Salted, in Brine or Simply Boiled.	32,353.84	43,261,195	41,139.69	64,603,832
Prepared or Preserved Fish in Airtight Containers	15,700.84	42,422,361	8,611.56	36,096,674
Prepared or Preserved Fish not in Airtight Containers	104.47	457,644	418.79	707,596
Prepared or Preserved Crustaceans and Molluscs in Airtight Containers	594.60	3,478,795	4,463.84	18,974,416
Prepared or Preserved Crustaceans and Molluscs not in Airtight Containers	1,419.35	4,798,649	23,857.73	100,640,417
Fats and Oils, of Fish and Marine Mammals	33.10	69,768	4.02	9,915
Flours and Meals, of Fish, Crustaceans or Molluscs Unfit for Human Consumption	26,136.76	12,161,396	1,388.25	480,400
Miscellaneous	665.96	869,625	14,018.49	2,876,355
TOTAL	136,878.10	155,414,436	141,266.14	251,872,189

KLASIFIKASI PERANGKAAAN PIAWAIAN IKAN IKAN LAUT MALAYSIA
STANDARD STATISTICAL CLASSIFICATION OF MALAYSIAN MARINE FISHES

ISSCAAP					
Division	Group	Local Name		English Name	Scientific Name
2	Diadromous	24 Shads, Milkfishes, etc.	Kebasi/Selangat	+ Chacunda Shad (Gizzard shad)	Anodontosoma chacunda
			Puput Beliak Mata Terubok	+ Shad + Slender shad 0 Longtail shad	Pellona spp Ilisha elongata Hilsa macrura
		25 Miscellaneous diadromous fishes	Siakap	+ Giant Sea Perch (Barramundi)	Lates calcarifer
3	Marine fishes	31 Flounders, Halibuts, Soles, etc.	Lidah Sebelah	+ Tonguefish (Tongue sole) + Flatfish	Cynoglossus spp Pseudorhombus spp
		33 Redfishes, Basses, Congers, etc.	Bayan Biji nangka Daun baharu Delah Dengkis/Debam Duri/Pulutan/Utek Gelama/Tongkerong Gerut-Gerut Jebong Jenahak Kaci Kapas laut Kerapu Kerisi Kerisi bali Kikek Lumi-Lumi Malong Merah Mengkerong/Ubi/Conor Puntung Damar/Bulus-Bulus Pasir-Pasir/Timun-Timun/ Puyu Laut Pelandok Pluru Remong/Kunyit-Kunyit Semilang Shrumbu/Lemah Tanda	+ Parrotfish + Goatfish + Spotted Sickfish + Fusilier + Spinefeet (Rabbit fish) + Marine catfish + Jewfish + Grunter + Triggerfish + Mangrove snapper + Sweetlip + Majorras (Silver biddies) + Grouper + Threadfin bream + Sharptoothed bass + Ponyfish (Slipmouth) + Bombay-duck + Conger eel + Red snapper + Lizard fish + Sillago-whittings + Monocle bream + Emperors (Scavengers) + Spadefish + Snapper + Catfish eel + False trevally + Snapper	Callyodon spp./Thalassoma spp. Upeneus spp. Drepane punctata Caesio erythrogaster/C. chrysona Siganus spp. Tachysurus spp./Arius spp/ Osteogobius spp. Sciaenidae spp./Johnius spp/ Otolithus spp/Otolithoides spp. Pomadasys spp. Abalistes stellaris Lutianus johni Spilotichthys picifus Gerres filamentosus/G. abbreviatus Epinephelus spp/Plectropomus spp. Nemipterus spp Pristipomoides typus Leiognathus spp/Gazzy spp/ Secutor spp. Harpodon nehereus Muraenesox sp. Lutianus argentimaculatus/ L. malabaricus Sauride spp. Sillago sihama/S. maculata Scolopsis spp. Lethrinus spp. Ephippus orbis Lutianus vitta/L. lineatus Plotosus spp Lactarius lactarius Lutianus russelli
34	Jacks,	34 Jacks, Mulllets, Sauries, etc.	Aji-Aji Alu-Alu/Kacang-Kacang Aruan Tasek Bawal hitam Bawal putih Bawal tambak Bawal selatan Belanak/Kedera Cermin/Sagai/Cupak Cincaru Demudok/Rambai Gerong-Gerong Kurau/Senangin/Senohong Kerepoh Lolong Mata Besar/Selar Pisang-Pisang Selar/Pelata Selar kuning Selayang/Curut Telang	+ Amberjack + Barracuda + Black kingfish 0 Black pomfret 0 Silver pomfret 0 Chinese pomfret 0 Small pomfret 0 Mullet + Horse mackerel (Trevally) 0 Hardtail scad + Horse mackerel (Trevally) + Golden trevally 0 Threadfin 0 Horse mackerel (Trevally) 0 Ox-eye scad 0 Big-eye scad 0 Rainbow runner 0 Selar scad 0 Yellow striped trevally 0 Round scad 0 Queenfish (Leatherskin)	Seriola nigrifasciata Sphyrna jello/S. optusa Rachycentron canadus Formio niger Pampus argenteus Pampus chinensis Pampus spp. Liza spp/valamugil spp. Alectis indica/Caranx spp. Megalaspis cordyla Carangoides spp. Caranx speciosus Polynemus spp/Elleutheronema tetradactylum Caranx sexfasciatus Selar boops Selar crymenophthalmus Elagatis bipinnulatus Selar spp. Selaroides leptolepis Decapterus maruadis/D. macrosoma Scomberoides commersonianus

ISSCAAP				
Division	Group	Local Name	English Name	Scientific Name
	35 Herrings, Sardines, Anchovies, etc.	Tamban sisek Tamban buluh/T. Bulat Bilis Parang-Parang Bulan-Bulan	0 Fringescale sardinella 0 Rainbow sardine 0 Anchovy 0 Dorab wolf-herring + Indo-Pacific tarpon	<i>Sardinella fimbriata</i> <i>Dussumieria acuta</i> <i>Stolephorus</i> spp. <i>Chirocentrus dorab</i> <i>Megalops cyprinoides</i>
	36 Tunas, Bonitus, Billfishes, etc.	Aya/Kayu/Tongkol Hitam Aya/Kayu/Tongkol Kurik Aya/Kayu/Tongkol/Selasih Layaran/Mersuji Tenggiri	0 Longtail tuna 0 Kawakawa (Eastern little tuna) 0 Frigate tuna 0 Sailfish/Black and Blue Merlin 0 Spanish mackerel	<i>Thunnus tonggol</i> <i>Euthynnus affinis</i> <i>Auxis thazard</i> <i>Istiophorus</i> spp/ <i>Makaira</i> spp. <i>Scomberomorus</i> spp.
	37 Mackerels, Snoeks, Cutlass, fishes, etc.	Kembong/Temenong Timah/Layor/Selayor	0 Indian mackerel + Large-head hairtail (Ribbon fish)	<i>Rastrelliger kanagurta</i> / <i>R. brachysoma</i> / <i>R. faughni</i> <i>Trichiurus lepturus</i>
	38 Sharks, Rays, Chimaeras, etc.	Yu Pari	+ Shark + Ray	<i>Galeorhinidae</i> <i>Gymnura</i> spp/ <i>Dasyatis</i> spp
	49 Miscellaneous marine fishes	Ikan baja Ikan campur	+0 Trash fish +0 Mixed fishes	Mixed spp. Mixed spp.
4 Crustaceans	42 Sea spiders, Crabs, etc.	Ketam laut/ Ketam Renjong Ketam batu	Swim crab Mud crab	<i>Portunus pelagicus</i> <i>Scylla serrata</i>
	43 Lobsters, Spiny rock lobsters, etc.	Udang karang Udang lobak	Spiny lobster Slipper lobster	<i>Panulirus polyhagus</i> <i>Thenus orientalis</i>
	45 Shrimps, Prawns, etc.	Udang putih/Udang kaki merah/Udang susu Udang harimau Udang pasir/Udang pasir kepala Besar Udang putih kecil Udang kuning Udang merah ros/ Udang ekor biru Udang kulit keras Udang minyak/Udang minyak jalur Udang merah	Banana prawn/Western king prawn Giant tiger prawn/ Green Tiger prawn Sand prawn Small white prawn Yellow prawn Pink prawns/Greasyback prawns Rainbow prawn Sharp-rostrum prawn Red prawn	<i>Penaeus merguensis</i> / <i>P. indicus</i> / <i>P. latisulcatus</i> <i>Penaeus monodon</i> / <i>P. semisulcatus</i> <i>Metapenaeopsis stridulans</i> & <i>M. barbeensis</i> / <i>Trachypenaeus fulvus</i> <i>Metapenaeus lysianassa</i> <i>Metapenaeus brevicornis</i> <i>Metapenaeus affinis</i> / <i>M. ensis</i> / <i>M. intermedius</i> <i>Parapenaeopsis sculptilis</i> <i>Parapenaeopsis hardwickii</i> / <i>P. coromandelica</i> / <i>P. hungerfordi</i> / <i>P. gracillima</i> <i>Solenocera subnuda</i>
	53 Oysters 54 Mussels 56 Clams, Cockles, Arkshells, etc. 57 Squids, Cuttlefishes, Octopuses, etc.	Tiram Kupang/Siput sudu Siput cangkul Kerang Retak seribu Lain-Lain siput Sotong biasa/cumit-cumit Sotong katak Sotong kereta	Rock oysters/Flat Oysters Green mussel Sea-Green mussel Blood cockle Carpet clam Other clams/Snails Common squid Cuttlefish Octopus	<i>Ostrea folium</i> / <i>Crassostrea</i> spp. <i>Perna viridis</i> <i>Glauconome</i> spp. <i>Anadara granosa</i> <i>Paphia undulata</i> <i>Bivalves</i> / <i>Gastropods</i> <i>Loligo</i> spp. <i>Sepia</i> spp. <i>Octopodidae</i>
7 Miscellaneous Aquatic animals	75 Sea-urchins, Sea-cucumbers and other echinoderms	Trepang	Sea cucumbers (Beche-de-mer)	<i>Holothuriodea</i>
	76 Miscellaneous Aquatic invertebrates	Ubor-Ubor	Jellyfish	<i>Rhopilema</i> spp.

NOTES: + = Demersal finfishes
0 = Pelagic finfishes
+0 = Trash fish/Mixed fishes of trawl, portable traps, barrier, push/scoop, stationery traps, handlines and other seines are considered demersal.
+0 = Trash fish/Mixed fishes of Purse Seines (Fish and Anchovy) drift/gillnets and lift nets are considered Pelagic.

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

ISSCAAP		Local Name	English Name	Scientific Name
DIVISION	GROUP			
1. Freshwater Fishes	11. Carps, Barbs	Tengas	Carp	Acrossocheilus hexagonolepis
		Kap Kepala Besar	Big Head Carp	Aristichthys nobilis
		Ikan Mas	Edible Gold Fish	Carassius auratus
		Kap Lumpur	Mud Carp	Cirrhina molitorella
		Kap Rumpit	Grass Carp	Ctenopharyngodon idellus
		Temperas	Carp	Cyclocheilichthys apogon
		Lee Koh	Common Carp	Cyprinus Carpio
		Selimang Batu	Carp	Epelaeorhynchus kalopteris
		Sebarau	Carp	Hampala macrolepidota
		Kap Perak	Silver Carp	Hypophthalmichthys molitrix
		Pucuk Pisang	Carp/Barb	Labiobarbus fasciatus
		Lomah	Carp/Barb	Labiobarbus ocellatus
		Jelawat	River Carp	Leptobarbus hoevenii
		Jenkua	Carp	Morulus chrysophekadion
		Kap Hitam	Black Carp	Mylopharyngodon piceus
		Sia	Carp	Mystacoleucus marginatus
		Terbol	Carp	Osteochilus hasseltii
		Lallang	Carp	Oxygaster anomalura
		Bulu Ayam	Carp	Oxygaster spp. (Young of)
		Temoleh, Temelian	Giant River Carp	Probarbus jullieni
		Putih, Tebal Sisek	Common Barb	Puntius binotatus
		Tengalan	Carp/Barb	Puntius bulu
		Keral Kunyit	Carp/Barb	Puntius daruphani
		Lampam Jawa	Javanese Carp	Puntius gonionotus
		Bagoh	Spanner Barb	Puntius lateristriga
		Lampam Sungai	River Barb	Puntius schwanefeldii
		Susur Batang	Rasbora	Rasbora einthovenii
		Seluang	Two-spot Rasbora	Rasbora elegans
		Kelah	River Carp	Tor tambroides
	12. Cichlids	Tilapia	Tilapia	Tilapia mossambica
	13. Miscellaneous fresh water fishes	Puyu	Climbing Perch	Anabas testudineus
		Tuna	River Eel	Anquilla bicolor/A. nebulosa
		Kepala Timah	White Spot	Aplocheilichthys panchax
		Lali-lali	Loach	Botia spp.
		Keli	Freshwater Catfish	Clarias batrachus/C. macrocephalus.
		Limbat	Freshwater Catfish	Clarias nieuhofii
		Belut	Swamp Eel	Fluta alba
		Temakang	Kissing Gourami	Helostoma temminckii
		Susoh Batu	Loach	Homaloptera spp.
		Baug	River Catfish	Mystus nemurus
		Tengku-Lolah	River Catfish	Mystus wyckii
		Belida	Feather back	Notopterus notopterus
		Kalui	Giant Gourami	Osphronemus goramy
		Bujuk	Snake Head	Ophicephalus lucius
		Toman	Snake Head	Ophicephalus micropeltes
		Haruan	Snake Head	Ophicephalus striatus
		Ketutu	Goby	Oxyeleotris marmoratus
		Lawang	River Catfish	Pangassius micronemus
		Patin	River Catfish	Pangassius pangassius
		Kepar, Patong	Perch	Pristigaster fasciatus
		Kelesa	Scleropages	Scleropages formosus
		Sepat Siam	Snakeskin Gouramy	Trichogaster pectoralis
		Sepat Padi	Two-spot Gouramy	Trichogaster trichopterus
		Tapah	Giant River Catfish	Wallago spp.
4. Crustaceans	41. freshwater Crustaceans	Udang Galah	Giant Freshwater Prawn	Macrobrachium rosenbergii