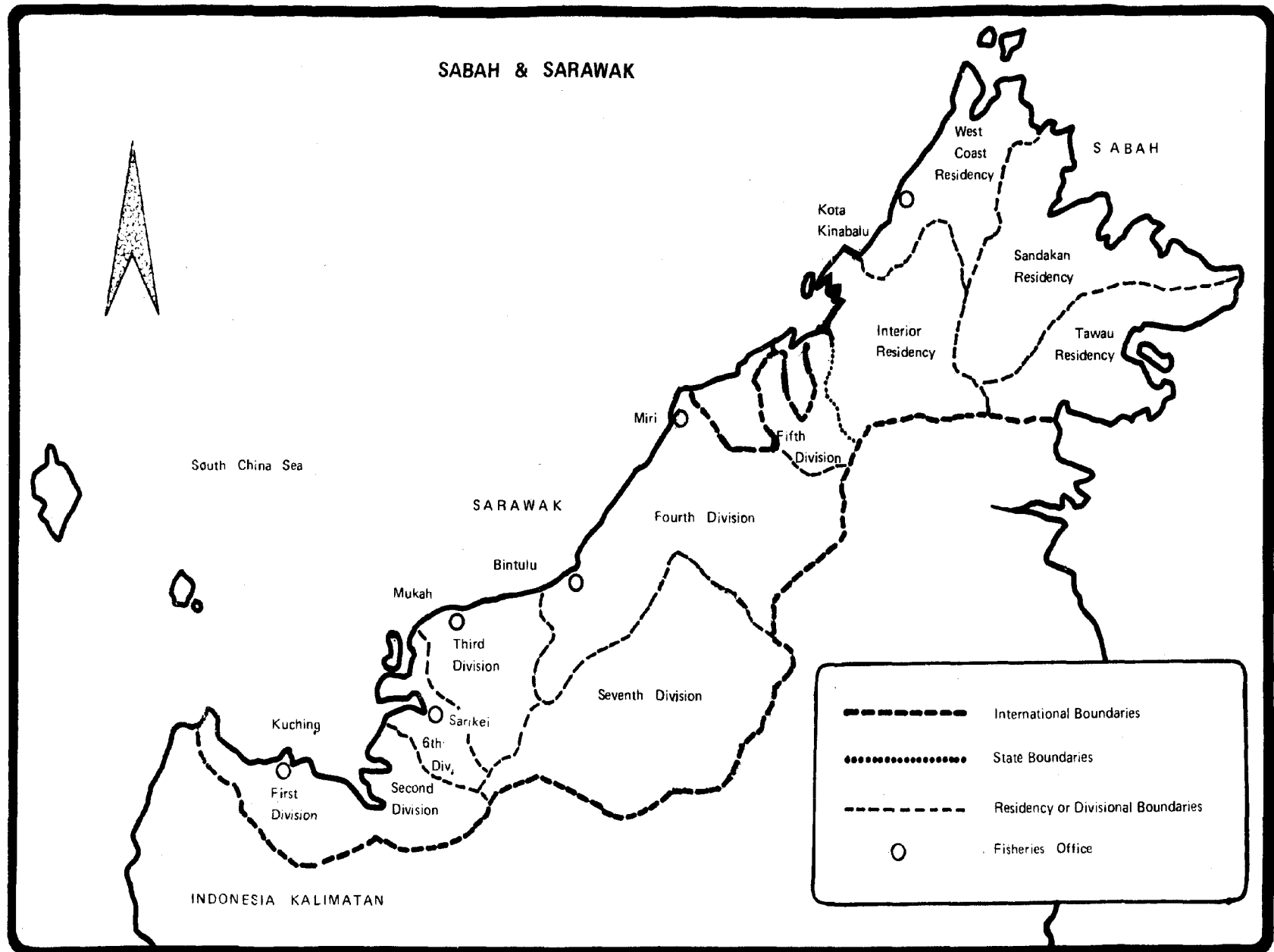


SABAH & SARAWAK





SABAH DAN SARAWAK

JADUAL (TABLE) 6.1

PENGELUARAN IKAN MENGIKUT JENIS KUMPULAN IKAN, SABAH
PRODUCTION OF FISH BY GROUP OF SPECIES, SABAH
1972-1981

Jenis Kumpulan Ikan Group of Species	Kuantiti dalam '000 M. Ton/Quantity in '000 M. Tonnes									
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Freshwater fishes	1.016	1.016	1.016	1.016	1.000	1.300	1.500	1.700	1.800	2.000
Shads, mild fishes, etc. .. .	1.727	1.829	1.829	1.829	1.500	0.300	0.400	1.000	0.200	0.300
Flounders, soles, etc. .. .	0.915	1.016	1.016	1.016	1.000	0.100	0.500	0.400	0.300	0.300
Redfishes, basses, congers, etc. .. .	3.454	4.572	4.572	4.877	4.500	6.300	7.300	8.200	7.000	7.500
Jacks, mullets, etc. .. .	2.845	3.048	3.048	3.454	3.200	7.500	6.200	7.400	6.500	7.000
Herrings, sardines, anchovies, etc. .. .	3.861	3.861	3.861	3.962	3.700	1.800	1.100	1.300	0.500	0.800
Tunas, bonitos, skipjacks .. .	0.610	0.610	0.813	0.915	0.800	1.200	1.000	2.000	1.500	1.700
Mackerels, billfishes, etc. .. .	1.727	2.032	2.133	2.235	2.000	7.400	11.000	6.500	6.000	7.000
Sharks, rays .. .	1.829	1.829	1.930	1.829	1.700	0.700	0.500	1.700	0.800	1.000
Slipmouths (Leiognathus spp.) .. .	1.524	2.845	3.048	3.353	3.000	0.400	0.600	0.400	0.800	0.900
Unsorted and unidentified fishes .. .	2.235	2.845	3.048	2.946	2.600	1.500	1.200	1.200	0.800	1.700
Crustaceans .. .	5.486	5.689	5.893	5.588	5.700	6.600	8.000	8.500	7.500	8.500
Molluscs .. .	0.406	0.508	0.610	0.508	0.500	0.600	1.600	1.000	0.100	0.500
Beche de-mer, sea-urchins, etc. .. .	0.102	0.102	0.102	0.102	0.100	0.100	0.200	0.300	0.300	0.300
Pearls, shells, corals, etc. .. .	0.406	0.406	0.406	0.406	0.400	0.400	0.500	0.300	0.400	0.500
Jumlah Total	28.143	32.208	33.325	34.036	31.700	36.200	41.600	41.900	34.500	40.000

NILAI IKAN YANG DIDARATKAN DI SABAH
VALUE OF FISH LANDED IN SABAH
1972-1981

	Jenis Kumpulan Ikan Group of Species	Nilai dalam '000 ringgit Malaysia (value in '000 Malaysian \$)									
		1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
164	Freshwater fishes	1,800	2,000	2,000	2,600	2,800	3,700	4,270	5,620	6,000	6,800
	Shads, milkfishes, etc. .. .	680	900	900	1,500	1,380	280	380	1,000	200	300
	Flounders, soles, etc. .. .	900	1,200	1,200	1,600	1,760	180	900	760	600	600
	Redfishes, basses, congers, etc. .. .	4,080	5,100	6,040	7,900	8,150	11,780	14,000	17,910	16,500	18,000
	Jacks, mullets, etc. .. .	3,360	4,200	4,500	6,650	6,890	17,100	15,000	18,800	16,500	18,000
	Herrings, sardines, anchovies, etc. .. .	1,900	1,900	1,900	2,280	2,380	1,200	800	850	350	580
	Tunas, bonitos, skipjacks .. .	360	360	560	750	730	1,100	1,000	1,900	1,500	1,750
	Mackerels, billfishes, etc. .. .	2,200	3,200	3,360	4,220	4,220	15,700	23,700	17,200	16,000	19,000
	Sharks, rays .. .	1,080	1,080	1,140	1,300	1,350	560	400	1,680	800	1,000
	Slipmouths (Leiognathus spp.) .. .	600	1,120	1,350	1,730	1,730	240	400	400	850	970
	Unsorted and unidentified fishes .. .	1,540	280	480	700	690	400	300	400	300	650
	Crustaceans .. .	19,300	20,460	21,460	24,000	28,000	32,400	42,020	49,500	45,000	55,420
	Molluscs .. .	520	600	720	720	790	950	2,600	2,230	200	1,000
	Beche-de-mer, sea-urchins, etc. .. .	50	50	50	60	70	80	250	400	400	400
	Pearls, shells, corals, etc. .. .	400	500	500	600	660	700	1,100	1,000	1,200	1,530
	Jumlah Total ..	38,770	42,950	46,160	56,610	61,600	86,370	107,120	119,650	106,400	126,000

BILANGAN BOT-BOT PERIKANAN DI SABAH
NUMBER OF FISHING BOATS IN SABAH
1962-1981

Tahun Year	Total No. of Fishing Boats	Number of Non-powered Boats	Number Motorised	
			With Inboard Engines	With Outboard Engines
1962	5,963	3,981	482	1,500
1963	5,235	2,849	586	1,800
1964	4,288	1,388	700	2,200
1965	3,315	440	875	2,000
1966	2,925	72	1,053	1,800
1967	3,347	296	1,151	1,900
1968	4,089	771	1,218	2,100
1969	3,810	300	1,310	2,200
1970	4,020	300	1,400	2,320
1971	4,080	150	1,430	2,500
1972	4,165	200	1,470	2,495
1973	4,298	497	1,253	2,548
1974	4,298	500	1,253	2,545
1975	4,236	400	1,131	2,705
1976	4,050	300	1,250	2,500
1977	4,083	856	1,474	1,753
1978	4,619	784	1,758	2,077
1979	5,547	930	2,204	2,413
1980 [@]	5,800	900	2,230	2,670
1981	5,900	800	2,300	2,800

[@] Perangkaan 1980 telah dipindahkan.
 Data for 1980 are revised figures.

SABAH
BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS
PERKAKAS DAN DAERAH, 1981
NUMBER OF LICENCES ISSUED BY TYPE OF GEAR AND DISTRICT, 1981

Type of Gear	District	Tawau	Semporna	Sandakan	Lahad Datu	Beluran	Kudat	Kota Belud	Tuaran	Kota Kinabalu	Papar	Beaufort	Labuan	Total
Kelong		36	33	70	16	—	23	—	—	—	1	—	57	236
Belat		—	—	—	—	—	—	—	3	—	1	—	—	4
Tugoh		30	—	6	—	—	—	—	—	—	—	—	—	36
Trawl		89	1	187	—	6	43	15	—	194	—	31	54	620
Pukat		29	5	20	9	16	19	27	—	5	87	74	28	319
Purse Seine		—	11	3	1	—	—	—	—	16	—	1	—	32
Live Prawns		—	—	—	—	—	—	—	—	—	—	—	—	—
Seaweed		—	—	—	—	—	—	—	—	—	—	—	—	—
Handlines		1	9	—	—	—	1	—	—	—	28	1	13	53
Others		4	1	—	4	—	—	—	—	21	2	—	—	32
Total ..		189	60	286	30	22	86	42	3	236	119	107	152	1,332

ANGGARAN BILANGAN NELAYAN DI SABAH
ESTIMATED NUMBER OF FISHERMEN IN SABAH
1966-1981

Tahun	Nelayan Penuh Masa <i>Full Time Fishermen</i>	Nelayan Separuh Masa <i>Part Time Fishermen</i>
1966	6,800	3,000
1967	6,500	3,000
1968	6,450	2,500
1969	6,550	2,500
1970	6,500	2,500
1971	6,500	2,500
1972	6,400	2,500
1973	8,284	2,853
1974	8,319	2,863
1975	8,300	2,900
1976	8,000	3,000
1977	8,320	2,860
1978	13,978	3,000
1979	15,110	2,500
1980*	15,400	2,600
1981	15,000	3,000

* Perangkaan 1980 telah dipindahkan.
Data for 1980 are revised figures.

IMPORT DAN EKSPORT HASIL-HASIL PERIKANAN, SABAH, 1981
IMPORT AND EXPORT OF FISHERIES PRODUCTS, SABAH, 1981
(Kuantiti dalam M. Ton/Quantity in M. Tonnes)

Description of Commodity	Commodity Code	Unit of Quantity	Import		Exports	
			Quantity	Value \$	Quantity	Value \$
Beeche-de-mer	011891 012902	Tonne	109.30	52,904	112.96	168,939
Fish fry	034110	1000	19.14	21,409	0.50	350
Fish for aquaria	034120	100	1,827.83	122,985	6.50	1,425
Tuna, fresh chilled or frozen	034131	Tonne	0.01	145	—	—
Other fish marine, fresh or chilled	034139	Tonne	67.94	248,180	161.69	1,194,400
Fish freshwater, fresh chilled or frozen	034140	Tonne	—	—	6.30	78,057
Other fish marine, frozen	034219	Tonne	36.26	219,243	376.02	2,671,844
Fishmaw	035031	Tonne	2.61	62,986	—	—
Sharks' fin, salted or dried not further prepared	035032	Tonne	13.11	585,631	0.44	4,396
Fish marine, salted or dried	03503910	Tonne	154.28	428,550	10.99	46,479
Fish freshwater, salted or dried	0350392	Tonne	0.44	1,439	—	—
Salmon smoked	035041	Kg.	669.37	14,219	21.80	386
Fish smoked except salmon	035049	Kg.	2,477.07	22,333	—	—
Prawns fresh chilled	036011	Tonne	0.99	240	157.49	983,300
Prawns fresh frozen	036012	Tonne	27.50	54,793	2,807.31	39,750,669
Crabs lobsters etc. fresh chilled or frozen	036021	Tonne	16.98	102,282	26.03	75,976
Prawns, crabs, lobsters etc. salted, in brine, dried or boiled	036028	Tonne	2.44	28,108	1.11	7,325
Oyster fresh	036030	Tonne	11.27	190,789	0.47	12,661
Other molluscs fresh chilled or frozen	036041	Tonne	4.79	27,142	63.84	167,755
Other molluscs salted, in brine	036048	Tonne	54.41	388,944	72.30	240,087
Fish boiled or steamed	037193	Tonne	6.75	19,675	—	—
Sardine canned	037111	Tonne	3,548.26	8,287,692	190.07	550,433
Herring and brisling canned	037112	Tonne	10.39	72,228	—	—
Pilchards canned	037113	Tonne	—	—	—	—
Salmon canned	037114	Tonne	4.03	32,358	0.03	420
Fish paste and similar preparations	037192	Tonne	1.27	10,526	—	—
Sharks' fins prepared	037191	Tonne	0.98	40,267	—	—
Tuna canned	037116	Tonne	3.05	30,480	0.05	1,009
Fish preparations not canned	037199	Tonne	81.48	233,872	0.16	369
Sauries canned	037115	Tonne	4.59	16,858	0.58	550
Horse mackerels canned	037117	Tonne	757.73	2,146,468	7.05	25,220
Fish, others canned	037119	Tonne	409.98	3,064,980	4.27	18,193
Abalone canned	037211	Tonne	16.50	406,068	2.18	6,240
Prawns and shrimps (belachan) canned	037212	Tonne	311.13	811,044	2.72	12,414
Crabs canned	037213	Tonne	3.51	29,388	—	—
Cuttle fish canned	037214	Tonne	157.30	779,646	0.19	830
Preparations of crustacean and molluscs not canned	037220	Tonne	107.62	341,893	—	—
Preparations of crustacean and molluscs canned	037219	Tonnes	222.17	965,581	1.09	5,164
Prawn dust	081422	Tonne	1.34	1,031	—	—
Fish meal	081421	Tonne	1,230.98	1,414,601	—	—
Flour meal of fish, crustaceans and molluscs	081429	Tonne	156.40	74,135	—	—
Fish molluscs and crustaceans and broths	09805920	Kg.	1,759.27	13,704	—	—
Tortoise shell unworked	291160	Tonne	—	725	—	—
Coral etc. unworked	291150	Tonne	1.43	1,830	32.25	50,852
Fish waste	291940	Tonne	1.07	1,968	1.26	28,542
Natural sponges	291970	Kg.	32.57	509	—	—
Turtle eggs	098081	100	350.50	2,815	5.40	235
Products of fish, crustaceans and molluscs not for human consumption	291991	Tonne	1.52	7,023	—	—
Sea grass	292922	Tonne	0.44	691	—	—
Sea-weed products	292981	Tonne	27.26	49,354	1.00	2,070
Pearls not set	667101	Value	—	—	—	764,656
Pearl fragments unworked	667109	Value	—	—	—	1,600
TOTAL ..			7,574.45	21,429,732	4,039.87	46,872,846

IMPORT DAN EKSPORT HASIL-HASIL PERIKANAN, SABAH
IMPORT AND EXPORT OF FISHERIES PRODUCTS, SABAH)

1966-1981

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

Tahun Year	Import/Import [@]		Export/Eksport [@]	
	Quantity	Value (M. \$)	Quantity	Value (M. \$)
1966	2,443	3,410,991	2,004	5,990,187
1967	2,895	3,568,010	2,350	7,509,005
1968	2,470	3,390,673	2,204	8,482,298
1969	2,683	3,992,054	2,203	7,337,991
1970	3,049	4,494,787	2,367	8,703,229
1971	2,774	4,144,925	2,279	10,636,254
1972	3,542	5,172,929	2,586	12,438,520
1973	3,954	6,869,428	2,769	18,507,065
1974	4,145	9,091,577	2,605	13,712,863
1975	4,148	8,400,596	2,699	14,880,057
1976	5,443	11,205,702	3,902	29,595,961
1977	3,957	10,245,153	3,563	32,671,347
1978	5,195	11,766,881	3,801	34,745,661
1979	7,719	12,822,101	4,260	45,194,362
1980	11,136	21,966,287	3,588	35,127,434
1981	7,574	21,429,732	4,040	46,872,846

[@] Perangkaan Import dan Eksport telah dipindahkan.
Data for Import and Export are revised figures.

SARAWAK
PENDARATAN IKAN DAN UDANG MENGIKUT BULAN, 1981
MONTHLY LANDINGS OF FISH AND PRAWN BY SPECIES, 1981
 (Quantity in M. Tonnes)

Nama Tempatan Local Name of Fish	Nama Saintifiks Scientific Names	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 Besar Grand Total
Lidah	Cynoglossus Spp.	2.17	5.81	23.10	20.33	17.18	17.59	16.70	19.89	19.37	20.00	16.70	14.46	193.30
Sebelah	Pseudorhombus Spp.	6.41	7.14	16.70	11.14	7.08	6.77	6.42	8.35	11.01	11.43	7.39	8.28	108.12
Daun Baharu	Drepane punctata	—	—	—	0.91	0.12	1.45	0.24	0.42	3.99	1.82	1.87	4.89	15.71
Duri (Jahan/Goh)	Tachysurus Spp./Arius Spp.	130.49	161.02	426.17	368.24	405.92	394.73	310.90	359.78	238.90	307.96	223.81	306.84	3,634.76
Gelama/Tengkerong	Sciaena Spp./Johnius Spp.	166.07	299.50	287.12	247.91	257.62	267.71	237.99	192.59	302.70	260.24	285.63	147.23	2,952.31
Jenahak	Lutianus argenteimaculatus	14.82	2.24	0.73	4.17	1.94	1.27	38.84	2.30	63.34	5.20	74.17	10.49	219.51
Kaci	Spilotichthys pictus	—	—	1.81	0.48	1.22	2.18	1.39	0.18	1.69	—	1.03	1.21	11.19
Kerapu	Epinephelus Spp.	11.19	6.57	13.36	27.70	24.74	24.33	24.79	54.01	57.76	24.26	23.35	21.01	313.07
Kerisi	Nemipterus Spp.	19.44	23.77	24.62	29.16	6.66	15.36	14.51	70.25	16.99	46.64	15.18	2.30	284.88
Kikek	Leiognathus Spp./Gazza Spp.	2.54	15.43	21.10	24.56	18.93	33.70	41.07	18.81	37.76	38.36	40.78	17.35	310.39
Malong	Muraenesox Spp.	69.64	109.14	72.92	93.66	115.18	55.11	40.96	52.39	31.71	54.38	61.04	69.18	825.31
Pelandok	Lethrinus Miniatus F.	—	—	—	—	—	—	—	—	—	—	—	1.39	1.39
Shrubu (Senolong/Kapas)	Lactarius Lactarius	21.11	64.91	49.95	34.72	16.59	30.19	17.97	41.93	15.25	40.83	9.56	1.82	344.83
Alu-alu, Kacang-kacang	Sphyræna Spp.	0.12	1.45	0.54	0.18	—	2.72	0.42	2.30	7.63	23.11	6.11	—	44.58
Bawal Putih/Dueh Putih	Pampus Chinensis	12.77	40.97	36.42	122.69	91.41	99.76	88.20	90.82	97.87	92.31	60.12	41.63	874.87
Bawal/Dueh Putih (Bujang)	Pampus Argenteus	44.65	29.59	106.18	30.36	23.22	27.46	26.29	38.96	36.29	37.84	45.22	61.23	507.29
Bawal Hitam/Dueh Hitam	Parastromateus Niger	29.96	97.63	117.96	93.33	98.06	103.04	119.89	110.36	103.52	107.82	151.66	65.37	1,198.60
Belanak/Kedera	Mugil Spp.	5.69	5.14	4.60	6.54	5.03	4.84	5.56	7.87	8.10	14.10	13.00	12.40	92.87
Cermin/Sagai	Alectis indica/Caranx Spp.	0.06	9.67	21.85	17.18	18.99	20.87	21.23	25.84	21.78	35.82	15.73	1.39	210.41
Cincaru (Goronggong)	Megalaspis cordyla	26.16	64.29	68.31	61.83	75.98	85.47	80.95	77.80	74.47	80.94	76.70	14.70	787.60
Demuduk/Rambai	Caranx Spp.	5.44	7.56	12.47	11.68	10.77	11.68	14.04	7.93	11.12	13.43	11.97	9.92	134.01
Kurau/Senangin	Polynemus Spp.	74.28	103.06	124.20	137.33	146.52	133.69	125.15	125.84	134.41	133.87	113.90	81.97	1,434.22
Pelata/Selar	Caranx Spp.	15.56	10.77	22.87	44.28	23.72	24.75	26.55	41.25	28.18	20.92	16.88	12.99	288.72
Selar Kuning	Selaroides leptolepis	21.54	25.28	53.18	25.59	41.07	48.95	49.37	56.07	50.28	56.50	29.99	11.18	469.00
Selayang	Decapterus russelli	—	—	—	—	—	0.36	—	—	—	9.07	9.86	—	19.29
Talang	Chorinemus Spp.	5.75	77.38	33.46	26.87	27.59	33.94	30.67	38.00	40.17	46.15	41.38	39.31	440.67
Blis	Stolephorus Spp./Anchoviella	13.43	13.01	15.73	27.15	34.54	49.79	36.41	40.55	49.96	42.22	48.77	46.05	417.61
Bulan	Megalops Cyprinoides	0.66	0.79	1.09	10.11	7.50	3.87	8.11	9.80	5.81	5.81	17.79	11.65	82.99
Parang-parang	Chirocentrus dorab	7.20	9.79	14.84	20.38	49.20	67.28	53.49	51.79	46.15	47.99	27.16	14.10	409.37
Tamban	Clupea Spp./Sardinella Spp.	3.63	3.08	35.87	38.58	12.52	6.35	7.02	4.35	21.71	12.10	13.98	2.12	161.31
Terubok	Clupea macrura	7.10	29.04	29.10	32.37	40.36	58.93	53.91	52.94	63.96	56.50	55.54	42.49	520.24
Tongkol/Kayu/Aya	Euthynnus Spp.	16.86	154.92	110.15	101.42	72.40	100.41	98.24	111.99	102.24	125.33	90.67	105.70	1,190.33
Semilang	Plotosus Spp.	34.02	27.89	35.63	39.92	37.80	44.71	42.41	50.27	53.00	52.26	51.90	45.37	515.18
Kembong/Temenong	Rastrelliger kanagurta/ R. neglectus	23.42	33.83	69.10	71.32	66.77	62.01	60.73	48.13	44.03	57.29	131.82	50.82	719.27
Tenggiri	Scomberomorus Spp.	54.76	231.03	231.71	183.72	160.19	201.51	173.43	164.79	175.26	198.36	137.01	176.98	2,088.75
Timah	Trichiurus Spp.	11.26	21.12	42.10	49.12	104.29	72.54	74.35	57.53	58.62	40.58	35.21	8.77	575.49

Yu	Galeorhinidae	60.85	163.33	146.20	144.03	100.68	111.44	96.11	146.65	113.73	106.86	95.32	267.13	1,552.33
Pari	Dasyatis Spp./Gymnura Spp.	109.30	187.31	361.78	237.78	185.03	205.63	259.69	268.41	260.00	249.72	212.46	192.59	2,729.70
Baja	—	529.34	292.45	145.50	430.00	168.42	335.75	260.56	193.28	335.15	638.64	362.92	126.80	3,818.81
Ikan Campur	Mixed Spp.	391.88	585.97	883.30	939.61	941.95	1,090.15	1,022.83	1,023.51	1,046.72	1,324.54	1,069.14	992.99	11,312.59
Kabasi/Selangat	Anodontosoma Chacunda	2.36	4.36	1.15	—	0.42	12.28	12.10	—	19.66	—	—	25.22	77.55
Puput	Pellona Spp.	50.63	69.94	83.94	120.70	150.58	101.09	102.73	96.79	85.37	95.05	65.03	40.70	1,062.55
Jamah	Caranx Spp.	4.90	50.57	72.78	75.57	71.40	105.74	87.47	105.63	91.82	107.39	142.22	21.54	937.03
Perencong	Scaridae	6.66	0.36	1.70	0.67	1.57	3.32	3.14	5.32	8.65	8.71	14.03	7.02	61.15
Panjang	Pseudoseionena Spp.	2.66	1.27	2.54	7.20	8.65	9.01	9.87	5.75	9.98	17.18	17.36	16.39	107.86
Pelayak	Callyodontidae	7.74	39.69	17.73	0.54	2.54	1.02	1.75	—	—	—	0.79	24.87	96.67
Impirang	Setipinna Taty	48.09	53.19	104.77	77.19	74.03	69.93	65.77	65.57	69.20	64.54	54.93	39.97	787.18
Bulu Ayam	Coilia Spp.	9.98	5.75	9.87	8.48	10.47	2.29	2.66	—	—	0.24	1.09	1.69	52.52
Lumi	Harpodon Nehereus	89.08	68.31	71.32	89.40	90.43	55.22	32.25	49.42	43.67	61.42	47.24	45.19	742.95
Kilat	Pampus Spp.	35.45	55.59	64.98	91.86	62.92	63.41	85.68	63.89	77.13	63.93	37.75	16.40	718.99
Merah	Lutianus Spp.	25.53	30.19	67.82	79.01	79.06	139.07	29.63	8.89	60.44	27.64	35.99	37.07	620.34
Bulu	Polynemus Borneensis	1.39	2.54	0.97	6.83	2.55	2.85	2.77	41.13	4.79	2.49	2.84	2.23	73.38
Pedukang	—	26.01	18.38	22.99	30.19	39.21	39.38	40.10	39.09	32.42	35.81	35.75	33.82	393.15
Empirit	Clupea macrura	10.41	15.00	21.55	25.05	27.53	23.48	25.90	32.56	29.23	25.58	24.49	19.85	280.63
Ubor-ubor (Jelly Fish)	—	54.45	54.75	48.70	32.06	33.33	3.82	1.51	—	1.03	2.54	1.15	1.90	235.24
Ketam	Seylia Serrata	18.33	18.27	20.21	23.96	24.92	24.69	21.17	19.84	17.00	16.39	15.84	16.33	236.95
Ketam Laut/Ketam Suri	Portunus pelagicus	0.12	0.18	4.47	7.32	4.66	4.35	1.33	2.36	0.91	9.44	1.69	4.78	41.61
Udang Kerang	Panulirus polydagus	0.24	0.12	0.18	15.36	0.24	0.24	0.18	0.24	0.48	0.54	0.06	0.18	17.76
Udang Lobak	thenus orientalis	29.46	29.47	40.72	77.31	37.45	19.24	20.68	23.47	30.49	44.54	43.91	30.24	426.98
Udang/Siar	Penacus Spp./Metapenaeus Spp.	988.52	867.45	848.82	1,718.87	693.84	395.70	344.63	295.52	341.07	455.45	441.42	551.44	7,942.73
Udang/Payak	Parapenopsis Spp.	692.91	826.07	2,244.21	781.36	1,070.72	966.71	941.49	691.04	328.84	432.01	264.78	186.25	9,426.39
Udang Baring	Acetes Spp.	22.99	43.92	59.83	52.70	44.77	42.53	49.07	43.50	219.12	45.80	20.44	12.76	657.43
Udang Galah	Macrobrachium Resenbergi	5.45	—	—	—	—	0.79	—	—	0.12	—	2.06	1.45	8.87
Sotong	Sepiidae	12.04	88.75	196.68	181.35	148.09	156.99	98.18	70.11	112.28	95.76	20.82	14.10	1,195.15
Kerang	Anadara Spp.	—	—	—	—	—	—	—	—	—	—	0.36	—	0.36
Tokoyong	Mollusca	—	—	—	—	—	—	—	—	—	—	—	—	—
Ubi/Mengkerong/gerut-gerut	Sauride Spp./Pomadour Spp.	—	—	—	1.81	—	4.47	—	3.15	10.35	—	—	2.98	22.76
Ambal	Mollusca	—	0.85	0.67	0.55	0.54	—	—	—	—	—	—	—	2.61
Ramin	Mollusca	—	—	—	—	—	—	—	—	—	—	—	—	—
Biji Nangka	Upeneus Spp.	0.30	—	—	—	0.73	—	—	—	—	—	—	—	1.03
Kitang	Scatophegus argus	—	0.67	0.73	0.73	1.21	—	—	—	—	—	—	—	3.34
Jumlah Ton M. TOTAL M. TONNES		4,095.27	5,267.52	7,671.05	7,272.42	6,099.05	6,103.91	5,567.45	5,331.20	5,390.38	6,053.65	4,994.76	4,196.47	68,043.13

* Nama Kumpulan/Family Name.

SARAWAK
PENDARATAN IKAN DAN UDANG MENGIKUT KUMPULAN PERKAKAS DAN SPESIS, 1981
LANDINGS OF MARINE FISH AND PRAWN BY GEAR GROUPS AND SPECIES, 1981

(Kuantiti dalam T. Metrik/Quantity in Metric Tonnes)

Nama Tempatan Local Name of Fish	Nama Saintifik Scientific Name	Pukat Tunda Trawl Net	Pukat Jenis Tarik Seine Nets	Pukat Jenis Hanyut Drift/Gill Nets	Belat Fishing Stakes	Tali Kail Hooks and Lines	Perangkap Traps	Pukat J.J's Berpundi Bag Nets	Pukat Jenis Sutung Push/Scoop/ Lift Nets	Pukat Jenis Rentang Barrier Nets	Mernunggul Siput Shellfish Collection	Rampalan Miscellaneous	Jumlah Bestar Grand Total
Lidah	Cynoglossus Spp.	97.48	0.60	41.60	12.05	34.42	—	0.54	—	6.61	—	—	193.30
Sebelah	Pseudorhombus Spp.	82.83	—	23.35	—	0.24	—	0.36	—	1.34	—	—	108.12
Daun Baharu	Drepane punctata	15.23	—	0.18	—	0.30	—	—	—	—	—	—	15.71
Duri (Jahan/Goh)	Tachysurus Spp./Arius Spp.	1,710.65	4.26	1,630.95	24.47	218.42	—	1.02	—	44.99	—	—	3,634.76
Gelama/Tengkerong	Sciaena Spp./Johnius Spp.	2,209.70	4.94	545.72	98.83	6.12	—	—	—	87.00	—	—	2,952.31
Jenahak	Lutianus Argentimaculatus	197.55	18.57	2.84	0.55	—	—	—	—	—	—	—	219.51
Kaci	Spiolichthys pictus	9.01	—	1.88	0.30	—	—	—	—	—	—	—	11.19
Kerapu	Epinephelus Spp.	59.31	3.90	95.25	1.50	133.77	—	—	—	19.34	—	—	313.07
Kerisi	Nemipterus Spp.	275.51	—	9.13	0.24	—	—	—	—	—	—	—	284.88
Kikek	Leiognathus Spp./Gazza Spp.	207.26	1.15	33.03	4.11	—	—	—	—	64.84	—	—	310.39
Malong	Muraenesox Spp.	510.40	—	299.17	8.37	—	—	—	—	7.37	—	—	825.31
Peiandok	Lethrinus Miniatus F.	1.39	—	—	—	—	—	—	—	—	—	—	1.39
Shrumbu (Senolong/Kapas)	Lactarius Lactarius	321.18	15.19	6.83	1.21	—	—	—	—	0.42	—	—	344.83
Alu-alu, Kacang-kacang	Sphyræna Spp.	41.50	1.33	0.54	0.12	0.36	—	—	0.73	—	—	—	44.58
Bawal Putih/Dueh Putih	Pampus Chinensis	313.96	0.42	534.64	25.47	—	—	—	0.06	0.42	—	—	874.97
Bawal/Dueh Putih (Bujang)	Pampus Argenteus	222.49	0.30	267.68	15.44	—	—	—	—	1.38	—	—	507.29
Bawal Hitam/Dueh Hitam	Parastromateus Niger	297.16	36.90	725.64	42.88	—	—	—	87.91	8.11	—	—	1,198.60
Belanak/Kedera	Mugil Spp.	47.51	1.21	42.15	—	—	—	—	—	2.00	—	—	92.87
Cermin/Sagai	Alectis indica/Caranx Spp.	61.65	—	148.76	—	—	—	—	—	—	—	—	210.41
Cincaru (Goronggong)	Megalaspis cordyla	647.30	4.83	129.60	1.63	4.24	—	—	—	—	—	—	787.60
Demuduk/Rambai	Caranx Spp.	129.84	—	3.87	—	0.30	—	—	—	—	—	—	134.01
Kurau/Senangin	Polynemus Spp.	186.63	7.64	1,019.50	62.36	17.42	—	86.76	—	53.91	—	—	1,434.22
Peleta/Selar	Caranx Spp.	266.17	9.92	12.63	—	—	—	—	—	—	—	—	288.72
Selar Kuning	Selaroides leptolepis	396.46	72.06	0.48	—	—	—	—	—	—	—	—	469.00
Selayang	Decapterus russelli	18.93	—	0.36	—	—	—	—	—	—	—	—	19.29
Talang	Chorinemus Spp.	69.39	4.42	362.13	0.24	2.05	—	—	—	2.44	—	—	440.67
Blis	Stolephorus Spp./Anchoiella	208.42	8.71	11.69	25.95	—	—	0.18	—	162.66	—	—	417.61
Bulan	Megalops Cyprinoides	47.00	—	35.99	—	—	—	—	—	—	—	—	82.99
Parang-parang	Chirocentrus dorab	139.91	170.19	98.54	0.73	—	—	—	—	—	—	—	409.37
Tamban	Clupea Spp./Sardinella Spp.	20.99	64.24	38.03	22.75	—	—	—	14.94	0.36	—	—	161.31
Terubok	Clupea macrura	16.45	1.46	501.85	—	0.48	—	—	—	—	—	—	520.24
Tongkol/Kayu/Aya	Euthynnus Spp.	317.12	5.07	579.33	0.12	288.69	—	—	—	—	—	—	1,190

Yu	Galeorhinidae	528.41	3.79	848.65	31.92	121.01	—	6.72	—	11.83	—	—	1,552.33
Pari	Dasyatis Spp./Gymnura Spp.	1,973.91	1.98	552.75	34.14	153.08	—	5.08	—	8.76	—	—	2,729.70
Baja	—	3,772.94	—	10.71	30.92	1.21	—	3.03	—	—	—	—	3,818.81
Ikan Campur	Mixed Spp.	8,486.94	152.68	2,290.95	118.34	126.14	—	28.49	—	109.05	—	—	11,312.59
Kebasi/Selangat	Anodontosoma Chacunda	2.54	1.27	30.91	3.03	—	—	—	—	39.80	—	—	77.55
Puput	Pellona Spp.	308.08	2.46	739.66	6.79	0.24	—	—	—	5.32	—	—	1,062.55
Jamah	Caranx Spp.	66.24	669.10	—	2.00	—	—	—	197.76	1.93	—	—	937.03
Perencong	Scaridae	2.23	—	56.02	1.62	—	—	—	—	1.28	—	—	61.15
Panjang	Pseudoseionena Spp.	13.67	—	87.89	6.12	—	—	—	—	0.18	—	—	107.86
Pelayak	Callyodontidae	3.03	—	92.86	0.48	—	—	—	—	0.30	—	—	96.67
Impirang	Setipinna Taty	159.34	7.18	543.31	32.71	—	—	—	—	44.64	—	—	787.18
Bulu Ayam	Coilia Spp.	8.77	2.01	1.02	32.98	—	—	—	—	7.74	—	—	52.52
Lumi	Harpodon Nehereus	463.81	2.72	136.72	20.31	—	—	22.80	0.61	96.18	—	—	742.95
Kilat	Pampus Spp.	509.86	0.60	179.82	22.77	—	—	—	1.03	4.91	—	—	718.99
Merah	Lutianus Spp.	469.39	6.68	40.28	0.48	92.44	—	—	—	11.07	—	—	620.34
Bulu	Polynemus Borneensis	18.58	0.66	6.17	2.85	37.87	—	—	—	7.25	—	—	73.38
Pedukang	—	38.36	—	293.52	45.97	—	—	4.42	—	10.88	—	—	393.15
Empirit	Clupea macrura	15.54	—	210.39	47.14	—	—	—	—	7.56	—	—	280.63
Ubor-ubor (Jelly Fish)	—	12.45	—	4.33	0.36	—	—	217.80	—	0.30	—	—	235.24
Ketam	Seylla Serrata	2.96	—	0.36	—	—	233.09	—	—	0.54	—	—	236.95
Ketam Laut/Ketam Suri	Portunus pelagicus	7.12	0.18	34.31	—	—	—	—	—	—	—	—	41.61
Udang Kerang	Panulirus polydagus	17.76	—	—	—	—	—	—	—	—	—	—	17.76
Udang Lobak	Thenus orientalis	154.20	—	134.78	25.30	—	—	94.20	—	18.50	—	—	426.98
Udang/Siar	Penacus Spp./Metapenaeus Spp.	6,455.11	12.26	651.67	46.43	—	—	753.85	—	20.14	—	3.27	7,942.73
Udang/Payak	Parapenopsis Spp.	6,241.15	9.12	14.45	38.12	0.61	—	3,094.91	—	7.58	—	20.45	9,426.39
Udang Baring	Acetes Spp.	511.95	—	—	24.07	—	—	120.99	—	0.42	—	—	657.43
Udang Galah	Macrobrachium Rosenbergi	4.42	—	—	0.06	—	1.39	—	—	—	—	4.00	9.87
Sotong	Sepiidae	1,189.89	—	5.08	0.18	—	—	—	—	—	—	—	1,195.15
Kerang	Anadara Spp.	0.36	—	—	—	—	—	—	—	—	—	—	0.36
Tokoyong	* Mollusca	—	—	—	—	—	—	—	—	—	—	—	—
Ubi/Mengkerong/Gerut-gerut	Sauride Spp./Pomadasy Spp.	20.47	—	2.29	—	—	—	—	—	—	—	—	22.76
Ambal	* Mollusca	—	—	—	—	—	—	—	—	—	2.61	—	2.61
Ramin	* Mollusca	—	—	—	—	—	—	—	—	—	—	—	—
Biji Nangka	Upeneus Spp.	0.30	—	0.73	—	—	—	—	—	—	—	—	1.03
Kitang	Scatophegus argus	—	0.36	0.12	0.12	—	—	—	—	2.74	—	—	3.34
JUMLAH TON M. TOTAL M. TONNES		42,008.34	1,344.29	16,303.23	1,002.72	1,427.88	234.84	4,444.73	303.04	943.73	2.61	27.72	68,043.13

* Nama Kumpulan/Family Name.

PENDARATAN IKAN LAUT DAN UDANG MANGIKUT KUMPULAN PERKAKAS, SARAWAK
MARINE FISH AND PRAWN LANDINGS BY GEAR GROUP, SARAWAK
1977-1981

(Kuantiti dalam Ton Metrik—Quantity in Metric Tonnes)

	<i>Kumpulan Perkakas/Gear Group</i>	1977	1978	1979	1980	1981
	Pukat-pukat Tunda <i>Trawl Nets</i>	45,582.64	52,439.38	58,839.57	52,283.55	42,008.34
	Jaring-jaring Hanyut <i>Drift/Gill Nets</i>	15,238.54	13,139.14	12,034.00	10,962.49	16,303.23
	Belat-belat <i>Fishing Stakes</i>	2,343.25	2,083.73	2,356.14	2,294.80	1,002.72
	Pukat-pukat Tarik <i>Seine Nets</i>	1,488.93	2,507.68	907.62	528.07	1,344.29
	Pukat-pukat Tangguk/Surung <i>Scoop/push/lift Nets</i>	13,719.96	1,222.99	243.01	239.50	303.04
174	Pukat-pukat Bakul <i>Bag Nets</i>	1,909.26	3,999.15	5,081.55	8,875.44	4,444.73
	Pukat-pukat Rentang <i>Barrier Nets</i>	386.69	327.47	857.65	749.00	943.73
	Pancing <i>Hook/Lines</i>	312.34	1,125.35	1,297.88	648.40	1,427.88
	Bubu <i>Traps</i>	416.76	253.12	239.99	212.76	234.84
	Jala <i>Cast Nets</i>	—	—	—	—	—
	Memunggut Siput <i>Shellfish Collection</i>	27.65	43.44	3.87	3.39	2.61
	Rampaian <i>Miscellaneous</i>	1,868.97	370.54	432.06	272.35	27.72
	JUMLAH TOTAL	83,294.99	77,511.99	82,293.34	77,069.75	68,043.13

SARAWAK
BILANGAN NELAYAN MENGIKUT BAHAGIAN, 1981
 NUMBER OF FISHERMEN BY DIVISION, 1981

Geographical Locations	Fishermen			Fish Dealers	Grands Total
	Full Time	Part Time	Total		
First Division/(West)	780	725	1,505	40	1,545
First Division/(East)	1,833	564	2,397	108	2,505
Second Division	1,004	617	1,621	51	1,672
Third Division	1,295	440	1,735	118	1,853
Fourth Division/(Bintulu)	458	62	520	28	548
Fourth Division/(Miri)	788	87	875	59	934
Fifth Division	700	425	1,125	22	1,147
Sixth Division	2,376	375	2,751	71	2,822
TOTAL	9,234	3,295	12,529	497	13,026

SARAWAK
BILANGAN LESEN YANG DIKELUARKAN MENGIKUT JENIS PERKAKAS DAN BAHAGIAN, 1981
 NUMBER OF FISHING LICENCES ISSUED BY TYPE OF GEAR AND DIVISION, 1981

Geographical Locations	Fishing Gears						Hooks and Lines	Traps	Bag Nets	Push/Scoop/ Lift Nets	Barrier Nets	Miscellaneous	Total
	Trawl Nets	Seine Nets	Drift/Gill Nets	Fishing Stakes									
First Division/(West)	31	—	641	125	6	19	2	—	151	—	975		
First Division/(East)	69	—	923	35	3	1	88	—	61	1	1,181		
Second Division	100	—	828	7	35	—	366	—	28	—	1,364		
Third Division	188	—	557	—	8	—	3	10	4	—	770		
Fourth Division/(Bintulu)	85	—	92	—	14	—	—	9	—	5	205		
Fourth Division/(Miri)	103	—	173	—	14	—	—	—	—	—	290		
Fifth Division	—	—	—	—	—	—	—	—	—	—	—		
Sixth Division	285	14	774	4	75	—	362	—	95	—	1,609		
TOTAL	861	14	3,988	171	155	20	821	19	339	6	6,394		

BILANGAN PERAHU-PERAHU BERJENTERA DAN TIADA BERJENTERA DI SARAWAK
NUMBER OF POWERED AND NON-POWERED FISHING CRAFTS IN SARAWAK
 1972—1981

Tahun/Year	Jenis Perahu/Type of Boat	Tiada Berjin Non-Powered	Berjin Sangkut Outboard Powered	Berjin Dalam/Inboard Powered				Jumlah/Total
				Kotaks	Membawa Ikan Fish Carriers	Pukat Tunda Trawlers	Lain-lain Others	
1972		1,287	877	405	45	433	460	3,507
1973		1,558	783	432	46	472	490	3,781
1974		1,772	1,098	368	69	479	586	4,372
1975		1,961	1,530	370	85	530	608	5,084
1976		1,836	1,537	378	82	569	538	4,940
1977		1,527	1,563	382	90	713	624	4,899
1978		1,128	1,464	347	106	744	1,225	5,014
1979		1,362	1,617	277	98	807	2,002	6,163
1980*		1,671	2,171	297	110	905	2,018	7,172
1981		1,889	2,192	313	163	1,057	2,947	8,561

* Perangkaan 1980 telah dipindahkan
 1980 data are revised figures.

NEGERI SARAWAK
IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
DAN DESTINASI, 1981
IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
AND DESTINATION, 1981

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Marine fish fresh, chilled</i>		<i>Tonnes</i>			
Pen. Malaysia..		—	—	—	—
Sabah ..		1.15	4,439	—	—
Brunei ..		—	—	—	—
Singapore ..		0.87	3,251	—	—
Indonesia ..		0.60	2,991	—	—
Thailand ..		—	—	—	—
Hong Kong ..		—	—	—	—
Japan ..		—	—	—	—
Australia ..		—	—	—	—
New Zealand ..		0.25	6.30	—	—
U.S.A. ..		—	—	—	—
Others ..		15.94	673.93	—	—
TOTAL ..		18.81	78,704	—	—
<i>Marine fish fresh, frozen</i>		<i>Tonnes</i>			
Pen. Malaysia..		864.26	1,837,226	9.81	26,162
Sabah ..		14.26	63,415	—	—
Brunei ..		0.01	50	95.42	238,025
Singapore ..		46,947.04	668,356	174.40	429,695
Indonesia ..		8.78	66,161	—	—
Thailand ..		46.37	99,237	—	—
Hong Kong ..		11.91	59,058	—	—
Japan ..		—	—	—	—
Australia ..		0.22	5.39	1.03	2,279
New Zealand ..		7.05	17,752	—	—
U.S.A. ..		0.04	5.91	—	—
Others ..		47.73	190,255	—	—
TOTAL ..		47,947.67	3,002,640	280.66	696,161
<i>Marine fish salted, dried or in brine</i>		<i>Tonnes</i>			
Pen. Malaysia..		1,153.08	3,526,941	7.20	23,608
Sabah ..		—	—	0.10	4.40
Brunei ..		—	—	6.18	10,046
Singapore ..		570.55	1,857,680	0.14	993
Indonesia ..		20.88	77,325	—	—
Thailand ..		17.62	40,568	—	—
Hong Kong ..		3.87	11,381	—	—
Japan ..		0.57	4,561	—	—
Australia ..		0.06	100	—	—
New Zealand ..		—	—	—	—
U.S.A ..		—	—	—	—
Others ..		2.55	11,500	—	—
TOTAL ..		1,769.18	5,530,056	13.62	35,087

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1981—(samb.)**
**IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1981—(cont.)**

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Freshwater fish, salted, dried or in brine</i>	<i>Tonnes</i>				
Pen. Malaysia..		0.84	759	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		—	—	—	—
Indonesia ..		—	—	—	—
Thailand ..		—	—	—	—
Hong Kong ..		—	—	—	—
Japan ..		—	—	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		0.28	2,401	—	—
TOTAL ..		1.12	3,160	—	—
<i>Fishmaws salted, dried or in brine</i>	<i>Tonnes</i>				
Pen. Malaysia..		0.03	806	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		0.23	6,208	0.02	55
Indonesia ..		0.13	919	—	—
Thailand ..		0.02	290	—	—
Hong Kong ..		—	—	—	—
Japan ..		0.01	185	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		1.07	4,793	—	—
TOTAL ..		1.49	13,201	0.02	55
<i>Shark fins salted or dried, not further prepared</i>	<i>Tonnes</i>				
Pen. Malaysia..		2.57	52,841	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		7.55	70,182	—	—
Indonesia ..		0.55	3,967	—	—
Thailand ..		—	—	—	—
Hong Kong ..		2.15	19,320	—	—
Japan ..		0.37	12,173	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		10.06	60,076	—	—
TOTAL ..		23.25	218,559	—	—

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1981—(samb.)**
**IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1981—(cont.)**

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Smoked Salmon</i>	<i>Tonnes</i>				
Pen. Malaysia..		—	—	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		—	—	—	—
Indonesia ..		—	—	—	—
Thailand ..		—	—	—	—
Hong Kong ..		—	—	—	—
Japan ..		—	—	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		27.93	892	—	—
Others ..		47.94	6,114	—	—
TOTAL ..		75.87	7,006	—	—
<i>Fish smoked except Salmon</i>	<i>Tonnes</i>				
Pen. Malaysia..		0.75	6,798	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		—	—	—	—
Indonesia ..		49.00	252	—	—
Thailand ..		—	—	—	—
Hong Kong ..		—	—	—	—
Japan ..		13.00	180	—	—
Australia ..		0.04	280	—	—
New Zealand ..		0.00	120	—	—
U.S.A. ..		1,270	125	—	—
Others ..		96.56	1,041	—	—
TOTAL ..		172.05	8,796	—	—
<i>Fresh prawns frozen</i>	<i>Tonnes</i>				
Pen. Malaysia..		0.08	953	83.23	471,039
Sabah ..		0.46	5,289	—	—
Brunei ..		—	—	—	—
Singapore ..		0.01	131	40.23	320,939
Indonesia ..		—	—	—	—
Thailand ..		0.05	1,147	—	—
Hong Kong ..		—	—	—	—
Japan ..		—	—	1,138.70	12,685,134
Australia ..		0.08	1,815	2.43	32,824
New Zealand ..		0.11	2,582	—	—
U.S.A. ..		—	—	93.12	741,307
Others ..		0.03	1,386	—	—
TOTAL ..		0.82	13,303	1,357.71	14,251,243

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1981—(samb.)**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1981—(cont.)

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Other crustaceans fresh, chilled or frozen</i>		<i>Tonnes</i>			
Pen. Malaysia..		13.50	51,748	269	1,458
Sabah ..		233.82	106,893	123.00	18,234
Brunei ..		—	—	—	—
Singapore ..		1.73	4,407	—	—
Indonesia ..		0.07	300	—	—
Thailand ..		227.47	31,455	—	—
Hong Kong ..		—	—	—	—
Japan ..		1.22	500	—	—
Australia ..		0.02	566	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		7.80	5,100	—	—
TOTAL ..		485.63	200,969	125.69	19,692
<i>Oysters fresh</i>		<i>Tonnes</i>			
Pen. Malaysia..		11.25	9,033	—	—
Sabah ..		—	—	—	—
Brunei ..		0.20	1,088	—	—
Singapore ..		0.06	384	—	—
Indonesia ..		—	—	—	—
Thailand ..		0.05	450	—	—
Hong Kong ..		0.08	1,055	—	—
Japan ..		1.27	13,814	—	—
Australia ..		1.23	16,862	—	—
New Zealand ..		3.42	10,180	—	—
U.S.A. ..		—	—	—	—
Others ..		3.11	32,988	—	—
TOTAL ..		20.67	85,854	—	—
<i>Other molluscs fresh, chilled or frozen</i>		<i>Tonnes</i>			
Pen. Malaysia..		467.03	658,665	—	—
Sabah ..		26.12	44,228	—	—
Brunei ..		—	—	1.90	2,910
Singapore ..		50.85	91,979	—	—
Indonesia ..		—	—	—	—
Thailand ..		20.00	25,000	—	—
Hong Kong ..		—	—	—	—
Japan ..		—	—	—	—
Australia ..		3.38	12,001	—	—
New Zealand ..		113.06	274,378	—	—
U.S.A. ..		0.04	2,024	—	—
Others ..		0.37	565	—	—
TOTAL ..		680.85	1,108,840	1.90	2,910

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1981—(samb.)**
**IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1981—(cont.)**

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Prawns salted, in brine, dried or simply boiled</i>	<i>Tonnes</i>				
Pen. Malaysia..		17.47	100,172	8.86	67,056
Sabah ..		0.04	402	—	—
Brunei ..		—	—	6.60	21,294
Singapore ..		5.35	30,202	79.72	336,478
Indonesia ..		4.04	29,374	—	—
Thailand ..		3.35	21,377	—	—
Hong Kong ..		—	—	—	—
Japan ..		—	—	—	—
Australia ..		—	—	0.61	9,162
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		0.08	384	—	—
TOTAL ..		30.33	181,911	95.79	433,990
<i>Other crustaceans salted, in brine, dried or simply boiled</i>	<i>Tonnes</i>				
Pen. Malaysia..		0.81	10,348	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		0.43	1,732	—	—
Indonesia ..		—	—	—	—
Thailand ..		3.09	21,711	—	—
Hong Kong ..		0.07	161	—	—
Japan ..		1.19	6,574	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		5.26	62,343	—	—
TOTAL ..		10.85	102,869	—	—
<i>Other molluscs salted, dried or boiled:</i>	<i>Tonnes</i>				
Pen. Malaysia..		18.41	123,267	—	—
Sabah ..		0.80	27,000	—	—
Brunei ..		—	—	—	—
Singapore ..		22.26	101,281	—	—
Indonesia ..		1.38	15,705	—	—
Thailand ..		13.32	100,250	—	—
Hong Kong ..		3.61	25,705	—	—
Japan ..		3.91	37,347	0.00	1
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		0.01	55	—	—
Others ..		67.36	644,742	—	—
TOTAL ..		131.06	1,075,352	0.00	1

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**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1981—(samb.)**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1981—(cont.)

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Sardines canned</i>	<i>Tonnes</i>				
Pen. Malaysia..		1.02	2,425	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		—	—	—	—
Indonesia ..		—	—	—	—
Thailand ..		—	—	—	—
Hong Kong ..		—	—	—	—
Japan ..		0.35	748	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		0.12	918	—	—
Others ..		81.58	203,622	—	—
TOTAL ..		83.07	207,713	—	—
<i>Herrings and Brislings canned</i>	<i>Tonnes</i>				
Pen. Malaysia..		7.67	26,125	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		—	—	—	—
Indonesia ..		—	—	—	—
Thailand ..		—	—	—	—
Hong Kong ..		—	—	—	—
Japan ..		—	—	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		0.91	691	—	—
TOTAL ..		8.58	26,816	—	—
<i>Salmon canned</i>	<i>Tonnes</i>				
Pen. Malaysia..		—	—	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		0.01	98	—	—
Indonesia ..		—	—	—	—
Thailand ..		—	—	—	—
Hong Kong ..		—	—	—	—
Japan ..		0.61	1,078	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		0.66	10,411	—	—
Others ..		0.32	9,170	—	—
TOTAL ..		1.60	20,757	—	—

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1981—(samb.)**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1981—(cont.)

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Sauries canned</i>	<i>Tonnes</i>				
Pen. Malaysia..		0.81	2,797	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		—	—	—	—
Indonesia ..		—	—	—	—
Thailand ..		—	—	—	—
Hong Kong ..		—	—	—	—
Japan ..		—	—	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		—	—	—	—
TOTAL ..		0.81	2,797	—	—
<i>Tuna canned</i>	<i>Tonnes</i>				
Pen. Malaysia..		2.05	10,487	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		0.00	18	—	—
Indonesia ..		—	—	—	—
Thailand ..		—	—	—	—
Hong Kong ..		—	—	—	—
Japan ..		0.68	1,473	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		0.50	5,782	—	—
Others ..		0.13	1,099	—	—
TOTAL ..		3.36	18,859	—	—

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**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
DAN DESTINASI, 1981—(samb.)**
**IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
AND DESTINATION, 1981—(cont.)**

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Horse mackerels canned</i>	<i>Tonnes</i>				
Pen. Malaysia..		299.58	437,849	—	—
Sabah ..		0.03	117	2.23	8,680
Brunei ..		—	—	—	—
Singapore ..		20.98	504,136	—	—
Indonesia ..		—	—	—	—
Thailand ..		4.29	17,363	—	—
Hong Kong ..		—	—	—	—
Japan ..		1,336.03	3,317,135	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		461.18	848,135	—	—
TOTAL ..		2,122.09	5,124,735	2.23	86.80
<i>Fish and fish preparations canned</i>	<i>Tonnes</i>				
Pen. Malaysia..		686.80	2,249,569	—	—
Sabah ..		—	—	2.36	7,560
Brunei ..		—	—	—	—
Singapore ..		1.40	6,473	—	—
Indonesia ..		—	—	—	—
Thailand ..		41.75	43,727	—	—
Hong Kong ..		0.44	2,651	—	—
Japan ..		57.03	172,642	—	—
Australia ..		—	—	—	—
New Zealand ..		0.08	603	—	—
U.S.A. ..		0.03	268	—	—
Others ..		207.83	517,823	—	—
TOTAL ..		995.36	2,993,756	2.36	7,560
<i>Fish paste and similar preparations not canned</i>	<i>Tonnes</i>				
Pen. Malaysia..		3.54	9,811	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	0.35	1,040
Singapore ..		1.82	2,930	—	—
Indonesia ..		4.70	1,090	—	—
Thailand ..		13.95	18,044	—	—
Hong Kong ..		—	—	—	—
Japan ..		0.01	254	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		0.20	1,417	—	—
TOTAL ..		24.22	33,546	0.35	1,040

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1981—(samb.)**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1981—(cont.)

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Shark fins prepared not canned</i>		<i>Tonnes</i>			
Pen. Malaysia..		0.25	9,286	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		0.32	7,511	—	—
Indonesia ..		0.03	950	—	—
Thailand ..		—	—	—	—
Hong Kong ..		0.07	442	—	—
Japan ..		0.03	218	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		—	—	—	—
TOTAL ..		0.70	18,407	—	—
<i>Other fish and fish preparations not canned</i>		<i>Tonnes</i>			
Pen. Malaysia..		21.56	100,263	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		44.17	82,517	—	—
Indonesia ..		0.62	2,079	—	—
Thailand ..		179.11	437,725	—	—
Hong Kong ..		0.41	913	—	—
Japan ..		0.02	186	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		5.93	17,527	—	—
TOTAL ..		251.82	641,210	—	—
<i>Abalone canned</i>		<i>Tonnes</i>			
Pen. Malaysia..		—	—	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		1.68	27,962	—	—
Indonesia ..		—	—	—	—
Thailand ..		—	—	—	—
Hong Kong ..		—	—	—	—
Japan ..		0.14	4,362	—	—
Australia ..		2.44	48,515	—	—
New Zealand ..		3.21	55,099	—	—
U.S.A. ..		0.74	19,230	—	—
Others ..		1.63	33,124	—	—
TOTAL ..		9.84	188,292	—	—

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1981—(samb.)**
 IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1981—(cont.)

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Prawns and shrimps canned</i>		<i>Tonnes</i>			
Pen. Malaysia..		870.46	711,092	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		2.33	1,879	—	—
Indonesia ..		—	—	—	—
Thailand ..		0.25	1,790	—	—
Hong Kong ..		—	—	—	—
Japan ..		0.07	309	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	—	—
Others ..		0.90	7,845	—	—
TOTAL ..		874.01	722,915	—	—
<i>Crabs canned</i>		<i>Tonnes</i>			
Pen. Malaysia..		0.10	732	—	—
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		0.62	2,276	—	—
Indonesia ..		—	—	—	—
Thailand ..		3.43	19,651	—	—
Hong Kong ..		—	—	—	—
Japan ..		26.40	576	—	—
Australia ..		0.03	207	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		0.04	1,266	—	—
Others ..		0.13	343	—	—
TOTAL ..		30.75	25,051	—	—
<i>Cuttlefish canned</i>		<i>Tonnes</i>			
Pen. Malaysia..		149.03	514,349	—	—
Sabah ..		—	—	1.75	8,334
Brunei ..		—	—	—	—
Singapore ..		596.36	135,502	—	—
Indonesia ..		—	—	—	—
Thailand ..		15.56	88,112	0.42	1,820
Hong Kong ..		—	—	—	—
Japan ..		0.39	1,534	—	—
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A ..		—	—	—	—
Others ..		1,561.05	69,186	—	—
TOTAL ..		2,322.39	808,683	2.17	10,154

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**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
DAN DESTINASI, 1981—(samb.)**
**IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
AND DESTINATION, 1981—(cont.)**

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
<i>Preparations of crustaceans and molluscs canned</i>		<i>Tonnes</i>			
Pen. Malaysia..		4,943.28	1,187,433	—	—
Sabah ..		—	—	34.59	132,446
Brunei ..		—	—	—	—
Singapore ..		0.53	1,166	—	—
Indonesia ..		—	—	—	—
Thailand ..		0.19	930	—	—
Hong Kong ..		1.85	2,267	—	—
Japan ..		0.36	4,251	—	—
Australia ..		0.01	416	—	—
New Zealand ..		—	—	—	—
U.S.A. ..		0.79	2,934	—	—
Others ..		3,851.68	421,716	—	—
TOTAL ..		8,798.69	1,621,113	34.59	132,446
<i>Preparations of crustaceans and molluscs not canned</i>		<i>Tonnes</i>			
Pen. Malaysia..		6.53	26,521	—	—
Sabah ..		—	—	—	—
Brunei ..		0.01	25	—	—
Singapore ..		809.85	219,793	10.40	93,340
Indonesia ..		0.06	522	—	—
Thailand ..		1,107.38	193,581	—	—
Hong Kong ..		0.33	1,186	—	—
Japan ..		0.56	4,864	1.57	14,894
Australia ..		—	—	232.36	2,619,446
New Zealand ..		—	—	—	—
U.S.A. ..		—	—	10.40	92,739
Others ..		10.17	30,577	143.58	1,608,878
TOTAL ..		1,934.89	477,069	398.31	4,429,297
<i>Other edible products of aquatic animal origin (including jelly fish)</i>		<i>Tonnes</i>			
Pen. Malaysia..		—	—	0.93	2,801
Sabah ..		—	—	—	—
Brunei ..		—	—	—	—
Singapore ..		2.32	10,334	23.53	15,935
Indonesia ..		0.00	850	—	—
Thailand ..		0.00	275	—	—
Hong Kong ..		1.65	22,925	373.53	—58,846
Japan ..		29.70	221,286	64,751.48	3,934,002
Australia ..		—	—	—	—
New Zealand ..		—	—	—	—
U.S.A ..		—	—	—	—
Others ..		—	—	—	—
TOTAL ..		33.67	255,670	65,149.47	4,011,584

NEGERI SARAWAK
**IMPORT DAN EKSPORT BARANGAN PERIKANAN MENGIKUT NEGERI-NEGERI ASAL
 DAN DESTINASI, 1981—(samb.)**
**IMPORTS AND EXPORTS IN FISHERY COMMODITIES BY COUNTRIES OF ORIGIN
 AND DESTINATION, 1981—(cont.)**

Description of commodity and country	Unit of quantity	Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Belacan/Shrimp paste	Tonnes				
Pen. Malaysia		223.00	286,304	—	—
Sabah		—	—	—	—
Brunei		—	—	—	—
Singapore		3.44	6,718	—	—
Indonesia		64.97	48,985	—	—
Thailand		—	—	—	—
Hong Kong		—	—	—	—
Japan		—	—	—	—
Australia		—	—	—	—
New Zealand		—	—	—	—
U.S.A.		—	—	—	—
Others		—	—	—	—
TOTAL		291.41	342.007	—	—
Total by country	Tonnes				
Pen. Malaysia		9,765.76	11,954,600	112.72	592,124
Sabah		276.68	251,783	164.03	175,694
Brunei		0.22	1,163	110.45	273,315
Singapore		49,092.76	3,845,106	328.44	1,197,435
Indonesia		155.81	251,470	—	—
Thailand		1,697.25	1,162,683	0.42	1,820
Hong Kong		26.44	147,064	373.53	58,846
Japan		1,473.92	3,806,250	65,891.75	16,634,031
Australia		7.51	81,301	236.43	2,663,711
New Zealand		127.18	361,344	—	—
U.S.A.		43.60	44,496	103.52	834,046
Others		6,489.78	3,253,356	143.58	1,608,878
GRAND TOTAL		69,156.91	25,160,616	67,464.87	24,039,900

IMPORT DAN EKSPORT IKAN DAN HASIL-HASIL PERIKANAN SARAWAK, 1963-1981

IMPORT AND EXPORT OF FISH AND FISH PRODUCTS IN SARAWAK, 1963-1981
(Kuantiti dalam M. Ton/Quantity in M. Tonnes)

Tahun Year	Import/Import*		Eksport/Export	
	Kuantiti-M. Ton Qty.-Tonnes	Nilai C.I.F. \$ Value C.I.F. \$	Kuantiti-M. Ton Qty.-Tonnes	Nilai C.I.F. \$ Value C.I.F. \$
1963	3,750.29	5,478,765	416.56	279,379
1964	6,252.87	6,517,799	40.92	73,813
1965	4,617.90	6,179,568	97.24	179,875
1966	4,928.01	6,554,766	32.22	55,517
1967	4,341.77	5,255,127	269.60	613,984
1968	4,753.09	5,615,787	106.14	224,546
1969	4,868.64	5,795,682	112.43	268,075
1970	5,044.03	6,416,785	276.38	609,475
1971	4,166.61	5,338,441	909.85	2,209,041
1972	3,950.98	5,270,873	1,163.67	5,301,553
1973	6,285.60	8,156,581	1,381.07	7,146,986
1974	4,351.49	7,687,164	1,542.56	6,552,236
1975	4,912.73	9,553,139	1,292.25	5,770,850
1976	5,033.06	10,483,013	2,228.65	14,512,073
1977	5,182.73	11,749,997	3,155.22	21,904,917
1978	2,021.68	4,648,338	1,819.11	9,259,389
1979	5,584.79	10,776,951	3,695.10	26,469,248
1980	23,264.44	20,059,327	2,840.57	20,735,414
1981	69,156.91	25,160,616	67,464.87	24,039,900

* Perangkaan import untuk tahun 1963-1977 telah dipindahkan.
All import data for 1963-1977 are revised figures.