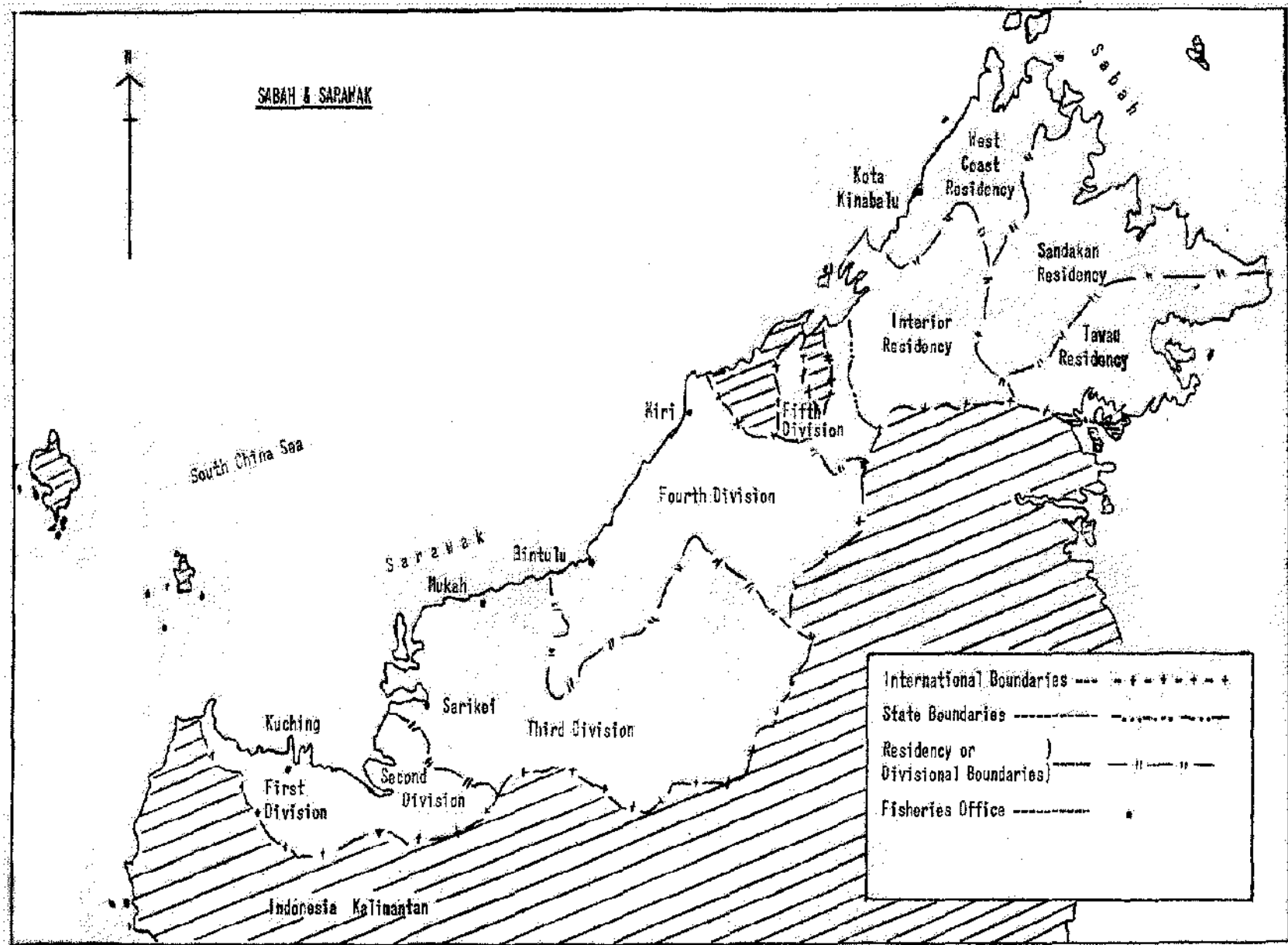




Pengeluaran Ikan Mengikut Jenis Kumpulan Ikan, Sabah
(Production of Fish by Groups of Species, Sabah)
1966 - 1973

Jenis Kumpulan Ikan Groups of Species	Kuantiti (Quantities) ('000 Tons)							
	1966	1967	1968	1969	1970	1971	1972	1973
* Freshwater fishes	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.8
Shads, milk fishes, etc.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.7
Founders, soles, etc.	0.6	0.7	0.8	0.8	0.8	0.8	0.9	0.9
Redfishes, basses, congers, etc.	3.5	3.5	3.5	3.0	3.2	3.2	3.4	4.1
Jacks, mullets, etc.	3.1	3.2	3.4	2.8	2.9	2.7	2.8	3.4
Herrings, sardines, anchovies, etc.	4.0	4.5	4.7	4.0	4.0	4.0	3.8	1.9
Tunas, bonitos, skipjacks	0.5	0.7	0.7	0.7	0.8	2.6	0.6	0.3
Mackerels, billfishes, etc.	1.5	1.5	1.6	1.5	1.7	1.7	1.7	2.2
Sharks, rays	2.0	2.0	2.0	1.6	1.8	1.8	1.8	1.1
Slipmouths (Leiognathus spp.)	5.0	6.5	6.9	1.2	1.4	1.6	1.5	0.6
Unsorted and unidentified fishes	2.5	3.5	3.5	2.0	2.0	2.0	2.2	1.5
Crustaceans	4.1	5.0	5.2	4.0	4.4	5.2	5.4	19.3
Molluscs	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.5
Beche-de-mer, sea-urchins, etc.	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Pearls, shells, corals, etc.	0.3	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Jumlah (TOTAL) :-	30.4	34.9	35.9	25.2	26.6	29.3	27.7	38.8

Nilai Ikan Yang Didaratkan, Sabah
Values of Fish Landed in Sabah
1966 - 1973

Jenis Kumpulan Ikan Group of Species	Nilai (Values) ('000 M\$)							
	1966	1967	1968	1969	1970	1971	1972	1973
Freshwater Fishes	850	850	1,000	1,200	1,200	1,400	1,800	2,000
Shads, Milkfishes, etc.	580	580	580	580	600	600	680	900
Flounders, Soles, etc.	600	700	800	720	740	760	900	1,200
Redfishes, basses, congers, etc.	2,800	2,800	2,800	2,700	3,000	3,200	4,000	5,100
Jacks, Mullots, etc.	3,400	3,500	3,700	3,260	3,400	3,200	3,360	4,200
Herrings, sardines, anchovies, etc.	1,700	2,000	2,100	1,800	1,850	2,000	1,900	1,900
Tunas, bonitos, skipjacks	250	350	350	350	480	360	360	360
Mackerels, billfishes, etc.	1,500	1,500	1,600	1,650	2,000	2,200	2,200	3,200
Sharks, rays	600	600	600	450	860	720	1,080	1,080
Slipmouths (Leiognathus spp.)	1,200	1,500	1,600	500	600	640	600	1,120
Unsorted and Unidentified fishes	2,000	2,600	2,600	1,800	2,000	2,000	1,540	280
Crustaceans	7,900	10,000	10,400	9,300	10,120	14,000	19,300	20,460
Molluscs	320	320	320	320	320	400	520	600
Beche-de-mer, Sea-urchins, etc.	100	100	50	50	50	50	50	50
Pearls, shells, corals, etc.	500	600	500	500	500	500	400	500
JUMLAH (TOTAL):-	24,300	28,000	29,000	25,180	27,720	32,030	38,770	42,950

Impot Dan Ekspot Hasil-Hasil Perikanan, Sabah - 1973
Imports and Exports of Fisheries Products, Sabah - 1973

Jadual 6.3
Table 6.3

DESCRIPTION OF COMMODITY	Commodity Code	Unit of Quantity	Imports		Exports	
			Quantity	Value (M.S.)	Quantity	Value (M.S.)
Beche-de-Mer	(011-091 012-902)	Ton	50.99	25,539	92.54	42,601
Fish Fry	031-110	1000	50.60	12,945	-	-
Fish for Aquaria	031-120	100	674.51	14,301	-	-
Other, fresh chilled or frozen	031-139	Ton	7.36	10,252	.10	150
Fish freshwater fresh chilled or frozen	031-180	Ton	2.06	12,900	167.92	237,665
Fishmaw	031-201	Ton	2.19	29,071	.10	015
Sharks fin salted or dried not further prepared	031-202	Ton	0.45	264,992	3.47	21,617
Fish Marine salted or dried	031-203	Ton	390.72	402,640	49.54	67,977
Fish Freshwater salted or dried	031-204	Ton	0.17	15,805	-	-
Salmon smoked	031-205	Lb.	727.16	6,581	-	-
Fish smoked except salmon	031-206	Lb.	1,044.23	4,357	175.00	1,600
Prawns fresh chilled	031-301	Ton	44.54	130,237	166.09	1,175,966
Prawns fresh frozen	031-302	Ton	14.96	30,468	1,920.03	16,335,192
Crabs, Lobsters etc. fresh chilled or frozen	031-303	Ton	1.59	7,505	.70	1,430
Prawns, Crabs, Lobsters etc., salted, in brine dried or boiled	031-304	Ton	46.04	141,273	51.61	244,550
Oysters fresh	031-305	Ton	7.63	56,322	1.79	2,000
Other Molluscs fresh chilled or frozen	031-306	Ton	1.96	7,060	1.31	1,460
Other Molluscs salted, in brine	031-307	Ton	02.99	277,445	20.67	64,120
Fish boiled or steamed	032-010	Ton	.32	905	-	-
Sardine canned	032-011	Ton	213.34	277,072	5.66	4,207
Her ring and Brisling canned	032-012	Ton	3.48	17,559	-	-
P... ards canned	032-013	Ton	.46	922	-	-
Salmon canned	032-014	Lb.	1,330.25	5,240	-	-
Fish paste and similar preparations	032-015	Lb.	1,749.05	1,650	-	-
Shark's fins prepared	032-016	Ton	1.95	05,094	-	-
Tuna canned	032-017	Ton	5.79	13,362	-	-
Fish preparations not canned	032-018	Lb.	3,397.00	5,765	-	-
Sardines canned	032-019-1	Ton	.70	306	-	-
Horse Mackerels canned	032-019-2	Ton	1,230.93	1,901,461	3.00	5,971
Fish, others canned	032-019-3	Ton	620.34	1,005,217	70.62	911
Abalone canned	032-021	Ton	42.91	253,924	3.51	41,395
Prawns and shrimps (Belacan) canned	032-022	Ton	155.43	337,529	30.35	310
Crabs canned	032-023	Ton	4.44	8,207	-	4
Cuttlefish canned	032-024	Ton	160.76	336,504	30.41	553
Preparations of crustacean and molluscs not canned	032-028	Lb.	321,970.43	273,300	1.33	4
Preparations of crustacean and molluscs canned	032-029	Ton	291.19	526,930	.20	391
Drawn Dust	031-401	Ton	20.50	12,597	-	40
Fish meal	031-402	Ton	175.51	170,479	-	-
Flour Meal of Fish, crustaceans and Molluscs	031-409	Ton	2.00	790	-	-
Fish Molluscs and Crustaceans soup and Broths	099-052	Lb.	299,735	6,151	-	-
Tortoise shell unworked	291-140	Ton	3.20	1,600	11.60	4,700
Coral etc. unworked	291-150	Ton	179.29	50,075	299.42	231,344
Fish waste	291-240	Ton	2.73	4,477	1.15	13,001
Natural sponges	291-270	Lb.	53.00	35	-	-
Turtles eggs	291-291	100	1,020.00	9,100	-	-
Products of fish, crustaceans and molluscs for human consumption	291-990	Ton	.01	50	.17	2,115
Sea grass	292-922	Ton	5.03	5,976	-	-
Sea weed products	292-992	Ton	4.72	17,002	-	-
TOTAL:-			4,017.08 (Tons)	6,069,420	2,944.39 (Tons)	10,507,065

Impot dan Ekspot Hasil-Hasil Perikanan, Sabah
(Import and Export of Fisheries Products, Sabah)
1962 - 1973

Jadual 6.4
Table 6.4

Year	I m p o r t		E x p o r t	
	Quantity (Tons)	Value (M \$)	Quantity (Tons)	Value (M \$)
1962	2,062	2,708,970	2,141	2,887,208
1963	1,885	2,769,002	1,667	2,511,877
1964	2,773	3,524,293	1,394	2,401,157
1965	2,295	3,127,038	1,617	4,272,600
1966	2,405	3,410,991	1,972	5,990,187
1967	2,849	3,568,010	2,313	7,509,005
1968	2,431	3,390,673	2,169	8,482,298
1969	2,726	3,992,054	2,238	7,337,991
1970	3,098	4,494,787	2,405	8,703,229
1971	2,818	4,144,925	2,316	10,636,254
1972	3,599	5,172,929	2,627	12,438,520
1973	4,017	6,869,428	2,944	18,507,065

Bilangan Bot-bot Perikanan di Sabah
(Number of Fishing Boats in Sabah)
1959 - 1973

Jadual 6.5
Table 6.5

Year	Total No. of Fishing Boats	No. of Non-powered Boats	Number Motorised	
			With Inboard Engines	With Outboard Engines
1959	6,290	*6,162	128	-
1960	6,954	*6,813	141	-
1961	7,232	5,880	152	* 1,200
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	540	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	320	*1,400	* 2,300
1971	*4,080	150	*1,430	* 2,500
1972	*4,165	200	*1,470	* 2,495
1973	*4,298	497	1,253	2,548

* Estimated Figures.

Pendaratan Ikan Laut Di Sarawak
(Landings of Marine Fish in Sarawak).
(In Long Ton)

Jadual 7.1
Table 7.1

Local Name	Scientific Name	1969	1970	1971	1972	1973
Alu-Alu	Sphyræna spp.	2.68	5.60	0.06	3.15	11.37
Belanak	Mugil spp.	2.38	0.12	2.92	1.55	13.69
Bilis/Pusu	Stolephorus spp.	4.88	74.58	5.71	3.27	15.18
Bulu Ayam/Gonjong	Coilia spp.	273.15	224.82	48.81	146.79	384.58
Cincaru/Goronggong	Megalaspis Cordyla	110.95	315.77	260.00	138.39	160.36
Cermin	Aloctis indica	8.63	47.08	24.64	28.21	61.37
Daun Baharu	<i>Drepane punctata</i>	-	80.95	111.61	89.11	65.24
Dueh Dujang	Pampus argenteus	122.32	226.96	235.13	151.73	229.40
Dueh Hitam	Parastromateus niger	163.93	441.79	323.63	317.32	426.25
Dueh Putih	Pampus chinensis	171.01	317.38	250.18	213.69	343.75
Duri/Jahan (Goh)	Tachysuridae	27.02	52.62	62.32	56.07	290.59
Empirit	Clupea macrura	311.31	283.51	98.57	3.51	-
Gelama	Sciaenidae	217.20	300.83	380.06	688.21	1,387.26
Ikan Bulu	Polynemus borneensis	12.62	5.24	0.06	-	6.13
Impirang	Setipinna taty	296.96	87.74	135.54	112.74	230.06
Jamah (Pelata)	Caranx spp.	299.82	89.94	107.20	55.00	89.34
Jellyfish	-	-	-	0.65	-	-
Jolong	Hemirhamphidae	-	32.20	1.07	-	-
Kebasi/Kuasi	Dorosoma chacunda	52.32	83.51	75.00	56.90	17.98
Kombong/Rumahan	Rastrelliger Kanagurta	430.06	365.30	234.29	237.20	1,063.09
Kemurok	Caranx fardau	0.18	14.70	18.75	9.88	32.08
Kerapu	<i>Epinephelus</i> spp.	29.94	153.33	157.02	117.38	99.40
Korong-Korong/ Degat	Therapon theraps	0.24	8.57	5.77	1.55	22.50
Kikek	Leiognathus spp.	1.54	57.32	36.79	28.04	168.45
Kilat/Pampas	Pampus spp.	278.81	472.14	540.12	821.05	1,037.44
Ketam	Crustacea	131.85	141.37	120.30	128.63	159.11
Ketam Suri	-	12.14	0.18	-	0.60	7.86
Kurau/Manchong	Polynemus Sextarius	114.29	350.54	376.37	190.36	278.87
Lidah	Soleidae	1.49	12.50	11.31	36.79	406.37
Lumt	Harpodon nehereus	42.68	46.37	217.02	202.50	420.12
Malong	Muraenesox cinereus	16.37	395.54	464.35	700.00	1,449.94
Merah	Lutjanus spp.	59.64	87.50	206.90	135.60	132.80
Panjang/Terusan	Pseudosciaena spp.	73.51	47.14	71.25	29.11	148.93
Parang-Parang	Chirocentrus dorab	127.86	679.29	477.86	292.92	298.27
Part	Rajiformes	177.50	475.83	441.55	464.88	866.37
Pechah Perfak	Scolopsis spp.	2.62	1.67	3.75	-	0.30
Pedukang	Tachysurus	-	-	-	-	-
	Leioteleostichus	98.39	378.99	316.43	320.24	448.45
Perenchong	Scariidae	66.61	61.96	30.40	10.24	25.40
Pipit	Pellona spp.	256.90	560.06	479.82	330.21	595.65
Sajar	Caranx spp.	58.81	165.48	48.39	57.92	156.31
Sebelah	Cynoglossidae	-	-	0.10	2.74	7.86
Selunsong	Caranx spp.	-	2.38	16.25	2.08	39.88
Selayang	Decapterus russelli	0.54	18.69	17.44	14.46	1.19
Sembilang	Pletosus spp.	1.31	3.75	11.67	6.19	20.65
Senangin	Polynemus tetradactylus	206.37	266.36	263.39	181.37	290.95
Shrumbu	Lactarius lactarius	20.30	27.86	31.49	29.88	162.60
Shellfish	Mollusca	-	115.89	200.06	274.52	219.05
Sotong	Mollusca	20.48	20.77	76.01	290.69	729.05
Polayak/Dayan	-	-	-	-	-	0.48

Local Name	Scientific Name	1969	1970	1971	1972	1973
Talang	Chorinamus spp.	21.85	408.69	341.13	200.60	130.60
Tamban	Clupea spp.	3.33	64.17	34.64	31.85	125.30
Tenggiri	Scomberomorus spp.	684.94	724.46	693.21	518.45	695.00
Torubok	Clupea macrura	609.40	540.12	539.35	429.40	919.94
Timah/Selayur	Trichiurus spp.	59.88	418.93	354.82	273.45	243.51
Tongkol	Euthynnus spp.	88.21	475.12	366.13	346.67	382.26
Udang Galah	Macrobrachium rosenbergi	-	2.38	4.82	108.99	271.79
Udang/Star	Crustacea	610.24	447.62	608.10	932.02	3,256.31
Payak (Red Prawns)	Crustacea	4,024.05	976.19	1,712.92	1,658.51	4,571.49
Udang Baring	Crustacea	1,097.00	200.60	147.50	74.28	194.40
Yu	Lamniiformes	349.82	641.01	665.12	1,050.36	1,343.27
Duat Baja	Trash Fish	117.02	290.06	270.36	2,167.74	9,032.86
Ikan Campur	Mixed Fish	1,806.13	1,285.77	1,306.79	1,421.67	3,563.10
TOTAL:-		13,785.28	14,077.24	14,172.51	16,205.46	37,751.96

Pendapatan Ikan Laut dan Ulang, Menurut Kumpulan Perkakas, Sarawak
(Marine Fish and Prawn Landings by Gear Groups, Sarawak)
1969 - 1973 (in Long Ton)

Jadual 7.2
Table 7.2

Kumpulan Perkakas Gear Group	1969	1970	1971	1972	1973
Trawl Nets	602.80	1,477.62	2,549.65	7,594.22	24,402.50
Drift Gill Nets	} 5,502.80	} 9,052.45	7,021.97	4,968.39	5,604.05
Encircling-Gill Nets			547.92	384.35	864.29
Bottom Gill Nets			1,137.09	787.32	2,261.85
Fishing Stakes	2,021.49	1,896.43	896.67	927.38	1,827.92
Seine Nets	535.83	263.45	179.71	30.60	107.98
Scoop/Push/Lift Nets	560.00	162.26	225.89	138.99	186.96
Bag Nets	3,717.28	747.85	1,148.87	810.18	1,626.25
Barrier Nets	463.69	9.28	16.97	0.95	60.42
Hooks/Lines	21.72	27.14	39.35	13.16	77.74
Traps	137.80	156.13	141.61	138.15	182.26
Cast Nets	-	11.96	66.79	137.14	330.71
Miscellaneous	221.79	272.67	200.01	274.52	219.05
TOTAL:-	13,785.20	14,077.24	14,172.50	16,205.35	37,751.98

Bilangan Perahu-Perahu Berjentera dan Tiada Berjentera di Sarawak
(Number of Powered and Non-Powered Fishing Crafts in Sarawak)
1968 - 1973

Jadual 7.3
Table 7.3

Year	Type of Boats	Non-Powered	Outboard Engine	Inboard Engine				TOTAL
				Koteks	Fish Carrier	Trawlers	Others	
1968		2,330	935	-	92	20	846	4,223
1969		1,115	1,009	-	80	60	754	3,018
1970		1,572	881	478	81	176	349	3,537
1971		1,346	904	417	51	243	398	3,359
1972		1,287	877	405	45	433	460	3,507
1973		1,558	783	432	46	472	490	3,781

Jadual 7.4
Table 7.4

IMPOT DAN EKSPOT IKAN DAN HASIL-HASIL PERIKANAN, SARAWAK (1961-1973)
IMPORT & EXPORT OF FISH & FISH PRODUCTS IN SARAWAK (1961-1973)

YEAR	IMPORT		EXPORT	
	QUANTITY (TONS)	VALUE C.I.F. (\$)	QUANTITY (TONS)	VALUE C.I.F. (\$)
1961	3,564.74	5,114,663	87.74	230,820
1962	2,189.96	2,458,650	93.33	200,754
1963	3,691.23	5,478,765	410.10	279,379
1964	6,156.08	6,394,123	40.28	73,813
1965	4,830.26	6,105,971	95.71	179,875
1966	4,273.40	6,498,195	31.71	55,517
1967	4,850.39	5,243,631	265.35	613,984
1968	3,244.91	3,847,232	104.47	224,546
1969	2,927.89	2,957,601	110.66	268,075
1970	2,783.89	3,171,287	272.03	609,475
1971	2,397.96	2,705,692	895.52	2,209,041
1972	2,336.82	2,744,391	1,145.34	5,301,553
1973	2,815.91	3,610,494	1,359.32	7,146,986

COMPARISON OF EXPORT FIGURES OF FISH AND FISH PRODUCTS BY MONTH FOR THE
YEAR 1969, 1970, 1971, 1972 AND 1973, Sarawak

Jadual 7.5
Table 7.5

MONTH	EXPORT 1969		EXPORT 1970		EXPORT 1971		EXPORT 1972		EXPORT 1973	
	(TONS)	VALUE (M\$)	(TONS)	VALUE (M\$)	(TONS)	VALUE (M\$)	(TONS)	VALUE (M\$)	(TONS)	VALUE (M\$)
JANUARY	2.31	4,473	0.78	2,945	15.49	14,598	41.42	123,049	44.97	210,958
FEBRUARY	5.50	7,273	2.86	3,433	9.76	22,708	76.25	394,319	77.32	414,612
MARCH	2.35	4,441	9.70	17,918	71.13	125,317	148.05	391,997	214.39	1,365,518
APRIL	7.28	14,750	37.33	68,504	209.59	379,466	213.03	544,970	68.19	226,433
MAY	22.00	47,126	44.44	86,315	154.50	358,169	150.23	925,753	225.68	1,138,219
JUNE	9.69	1,391	27.10	44,497	96.79	250,933	75.09	422,904	106.06	841,564
JULY	21.53	66,874	19.00	50,050	51.72	150,254	86.66	409,740	133.95	543,611
AUGUST	2.37	2,605	44.81	144,866	88.49	221,509	54.30	290,477	90.32	434,931
SEPTEMBER	17.75	48,597	10.12	19,085	80.49	269,697	112.91	503,044	154.75	858,934
OCTOBER	1.89	4,193	11.37	21,604	38.73	119,080	64.49	352,195	115.87	597,448
NOVEMBER	0.75	1,526	52.09	120,367	23.51	127,688	86.02	488,991	41.30	287,817
DECEMBER	26.24	64,826	11.63	29,928	55.32	169,622	36.81	286,206	94.82	519,341
TOTAL:	110.66	268,075	272.03	609,475	895.52	2,209,041	1,145.34	5,301,553	1,359.32	7,146,906

COMPARISON OF IMPORT FIGURES OF FISH AND FISH PRODUCTS BY MONTH FOR THE
YEAR 1969, 1970, 1971, 1972 AND 1973, Sarawak

MONTH	IMPORT 1969		IMPORT 1970		IMPORT 1971		IMPORT 1972		IMPORT 1973	
	(TONS)	VALUE (M\$)	(TONS)	VALUE (M\$)	(TONS)	VALUE (M\$)	(TONS)	VALUE (M\$)	(TONS)	VALUE (M\$)
JANUARY	454.47	443,321	438.21	494,720	233.50	281,082	247.05	263,057	325.98	382,646
FEBRUARY	406.04	401,494	244.01	259,684	256.81	336,376	274.31	286,970	194.34	239,148
MARCH	183.11	175,374	157.43	175,990	199.59	227,270	140.39	184,851	223.28	265,110
APRIL	146.41	142,311	138.70	154,174	176.76	212,401	113.58	143,991	163.16	235,020
MAY	157.90	160,414	122.84	154,976	111.47	147,300	155.80	188,799	172.39	243,483
JUNE	131.82	145,488	157.81	184,283	127.58	140,235	179.79	226,555	134.32	185,324
JULY	152.17	161,470	154.18	211,127	127.05	162,051	124.25	151,948	189.90	249,676
AUGUST	208.44	243,000	205.02	258,130	135.88	152,896	153.66	210,110	256.65	308,352
SEPTEMBER	247.86	237,214	233.57	265,813	217.97	232,710	168.52	200,073	220.45	284,689
OCTOBER	265.46	262,571	237.46	257,761	228.06	223,923	227.30	265,129	265.16	371,792
NOVEMBER	246.62	244,257	340.86	375,892	289.37	281,799	257.74	277,248	304.46	368,291
DECEMBER	327.59	340,687	353.80	378,737	293.92	298,849	294.73	345,660	365.82	471,963
TOTAL:	2,927.89	2,957,601	2,783.89	3,171,287	2,397.96	2,705,692	2,336.82	2,744,391	2,815.91	3,610,494

Pendaratan Udang Oleh Pokok Tunda, Sabah
(Landings of Prawns by Puntiers, Sabah)
1962 - 1973

Chart V

