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BILATERAL FISHERIES AGREEMENTS

MARKET DATA

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MARKETING SERVICES BRANCH

DEPARTMENT OF CANADA
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TABLE 1

Quantity (Q) in Metric Tons
Value (V) in Thousand Dollars

CANADIAN FISH EXPORTS
TO E.E.C. COUNTRIES 1974 - 1977

Tariff No.	Rate of Duty 1976(%) Bond			1974		1975		1976		1977	
				Q	V	Q	V	Q	V	Q	V
3.01.2300	15	15	Herring, Fresh, Whole or Dressed								
			Belgium -	-	-			-	-	-	-
			Luxembourg	-	-	14	12	-	-	-	-
			West Germany	-	-	235	45	-	-	-	-
				-	-	249	57	-	-	-	-
3.01.900	⁴ (currently free)	⁹	Salmon, Spring, Fresh, Whole, Dressed								
			West Germany	-	-	-	-	4	10	-	-
			France	2	7	-	-	17	103	1	6
			Denmark	-	-	-	-	-	-	9	48
				-	-	-	-	21	113	10	54
3.01.900	⁴ (currently free)	⁹	Salmon, Fresh, Whole or Dressed NES								
			United Kingdom	-	-	-	-	1	4	-	-
			West Germany	-	-	6	26	-	-	-	-
			France	-	-	-	-	6	19	-	-
			Denmark	-	-	-	-	-	-	5	14
3.01.900	⁴ (currently free)	⁹	Salmon, Coho, Fresh, Whole, Dressed			6	26	7	23	5	14
			France	-	-	-	-	11	48	-	-
			Netherlands	-	-	-	-	-	2	-	-
				-	-	-	-	11	50	-	-
3.01.7000	15	15	Seafish, Fresh, Whole, Dressed NES								
			United Kingdom	22	26	2	4	-	-	-	-
			Belgium-Luxembourg	3	4	76	78	63	52	86	99
			West Germany	18	22	-	-	-	-	37	127
			Italy	1	3	-	-	2	3	-	-
			Netherlands	1	1	2	6	11	10	6	10
				45	56	80	88	76	65	129	236
3.01.1900	8	8	Pike, Fresh, Whole or Dressed								
			France	53	61	-	-	14	25	-	-
				53	61	-	-	14	25	-	-
3.01.1900	8	8	Freshwater Fish, Fresh, Whole or Dressed NES								
			France	-	-	-	-	-	-	0	0
			West Germany	-	-	-	-	1	2	-	-
			Netherlands	-	-	-	-	9	25	-	-
				-	-	-	-	10	27	0	0

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty			1974		1975		1976		1977	
	1976(%)	bound		Q	V	Q	V	Q	V	Q	V
13.01.4700	15	15	Cod, Atlantic, Frozen, Whole, Dressed								
			Italy	36	6	-	-	-	-	-	-
			France	-	-	-	-	-	-	83	68
			W. Germany	36	6	-	-	-	-	8	7
13.01.4600	8	8	Halibut, Atlantic, Frozen, Whole, Dressed	36	6	-	-	-	-	91	75
			Denmark	19	38	-	-	-	-	-	-
			West Germany	5	11	3	9	4	12	11	39
				24	49	3	9	4	12	11	39
13.01.4600	8	8	Halibut, Pacific, Frozen, Whole, Dressed								
			United Kingdom	287	577	181	432	106	341	35	118
			Denmark	7	14	-	-	-	-	-	-
			France	9	19	4	10	-	-	0	0
			West Germany	51	104	16	42	16	58	24	80
			Netherlands	-	-	2	5	-	2	4	13
				354	714	203	489	122	401	63	211
3.01.2300	15	15	Herring, Frozen, Whole or Dressed								
			United Kingdom	264	119	8	3	22	16	604	404
			Belgium -								
			Luxembourg	150	77	-	-	-	-	110	108
			Denmark	11	4	4	2	-	-	-	-
			France	313	135	251	68	-	-	705	352
			West Germany	2015	670	2852	1135	3456	1401	5,440	3,324
			Netherlands	157	42	-	-	-	-	3,516	1,722
				2910	1047	3115	1208	3473	1417	10,375	5,910
3.01.6000	20	20	Mackerel, Frozen, Whole or Dressed								
			West Germany	49	17	7	3	-	-	555	245
				49	17	7	3	-	-	555	245
3.01.900	4	9	Salmon, Atlantic, Frozen Whole, Dressed								
			United Kingdom	-	-	126	515	141	677	34	61
			Denmark	115	384	46	169	10	24	38	238
			West Germany	16	62	76	289	182	1023	383	2,433
			Belgium -								
			Luxembourg	-	-	4	11	2	11	-	-
			France	-	-	20	59	2	23	19	76
			Netherlands	-	-	18	76	1	10	-	-
				131	446	290	1119	338	1968	454	2,893

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty 1976(%) Bound			1974		1975		1976		1977	
	4	9		Q	V	Q	V	Q	V	Q	V
03.01.900	4	9	Salmon, Chum, Frozen, Whole, Dressed								
	(Currently free)		United Kingdom	771	1870	394	1087	526	1896	331	1,300
			Belgium -							47	178
			Luxembourg	11	25	58	128	2	12	738	2,782
			Denmark	749	1716	518	1399	557	2011	206	770
			France	270	623	205	599	151	540	592	2,106
			West Germany	484	1055	274	772	585	2017	43	167
			Italy	67	167	31	98	66	237	38	155
			Netherlands	32	71	72	165	90	339	1,995	7,548
				2384	5527	1552	4248	1977	7052		
03.01.900	4	9	Salmon, Coho, Frozen, Whole, Dressed								
	(Currently free)		United Kingdom	233	710	148	477	128	543	92	370
			Belgium-								
			Luxembourg	231	668	238	713	160	658	448	2,227
			Denmark	-	-	5	13	38	130	5	13
			France	2357	6949	3131	10159	2409	10077	3,211	15,165
			West Germany	102	324	177	655	162	750	88	487
			Italy	73	233	104	341	192	850	163	768
			Netherlands	61	177	146	527	100	452	120	530
				3057	9061	3949	12885	3189	13460	4,127	19,560
03.01.900	4	9	Salmon, Spring, Frozen, Whole, Dressed								
	(Currently free)		United Kingdom	6	17	34	91	28	108	7	29
			Belgium -								
			Luxembourg	39	121	64	207	170	827	41	281
			Denmark	5	13	11	37	26	100	21	36
			France	847	3062	1646	6099	1145	6027	1,120	7,723
			West Germany	168	541	323	1163	275	1532	198	1,342
			Italy	207	724	230	884	354	1943	247	1,722
			Netherlands	99	356	125	420	116	601	48	292
				1371	4834	2433	8901	2114	11,138	1,622	11,430
03.01.900	4	9	Salmon, Frozen, Whole or Dressed NES								
	(Currently free)		United Kingdom	35	75	77	214	66	208	93	283
			Denmark	83	203	142	360	172	458	290	
			France	76	182	547	1512	73	264	419	1,731
			West Germany	22	57	47	137	46	152	78	359
			Italy	21	55	23	67	41	134	23	67
			Netherlands	-	-	12	37	28	100	20	37
			Belgium- Lux.	-	-	-	-	-	-	27	101
				237	572	848	2327	426	1,138	950	3,416

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty 1976(%) Bound			1974		1975		1976		1977	
				Q	V	Q	V	Q	V	Q	V
03.01.7000	15	15	Smelt, Sea, Frozen, Whole, Dressed								
			West Germany	-	-	2	2	-	-	-	-
				-	-	2	2	-	-	-	-
03.01.7000	15	15	Seafish, Frozen, Whole, Dressed NES								
			United Kingdom	87	48	164	131	73	64	26	28
			Belgium-								
			Luxembourg	10	20	16	39	14	21	5	11
			Denmark	124	153	20	24	-	-	21	72
			France	14	30	23	53	80	77	84	142
			West Germany	773	1070	466	1111	509	1136	833	1,672
			Netherlands	67	157	48	127	132	277	129	409
				1075	1478	737	1485	808	1575	1,098	2,534
03.01.1900	8	8	Pike, Frozen, Whole or Dressed								
			France	220	285	288	352	203	331	447	696
				220	285	288	352	203	331	447	696
03.01.1900	8	8	Smelt, Freshwater, Frozen, Whole, Dressed								
			France	-	-	7	7	-	-	-	-
				-	-	7	7	-	-	-	-
03.01.100	12	12	Trout, Frozen, Whole or Dressed								
			Belgium -	-	-	-	-	5	18	-	-
			Luxembourg	-	-	-	-	-	-	-	-
			United Kingdom	-	-	-	-	5	18	7	21
				-	-	-	-	-	-	7	21
03.01.1400	8	8	Whitefish, Frozen, Whole or Dressed								
			United Kingdom	-	-	-	-	14	12	-	-
			France	16	19	-	-	-	-	-	-
				16	19	-	-	14	12	-	-
03.01.1900	8	8	Freshwater Fish, Frozen, Whole, Dressed NES								
			United Kingdom	-	-	16	12	14	12	61	44
			France	-	-	-	-	10	9	8	8
			Belg. - Luxembourg	-	-	-	-	-	-	11	9
			Netherlands	-	-	-	-	-	-	20	53
03.01.1900	8	8	Pickrel Fillets, Fresh								
			France	-	-	13	26	-	-	-	-
				-	-	13	26	-	-	-	-

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty			1974		1975		1976		1977	
	1976(%)	Bound		Q	V	Q	V	Q	V	Q	V
03.01.4700	15	15	Cod Fillets, Atlantic, Frozen								
			United Kingdom	-	-	-	-	7	15	7	9
			West Germany	-	-	-	-	3	4	17	14
			Netherlands	-	-	-	2	-	-	1,150	2,373
				-	-	-	2	10	19	1,174	2,396
03.01.7000	15	15	Haddock Fillets, Frozen								
			United Kingdom	12	14	2	4	-	-	21	46
				12	14	2	4	-	-	21	46
03.01.2300	15	15	Herring Fillets, Frozen								
			United Kingdom	-	-	18	7	-	-	1,470	1,023
			Belgium -								
			Luxembourg	289	183	390	195	1019	466	2,195	1,902
			Denmark	24	14	33	23	1	-	324	270
			France	548	299	903	449	1893	927	4,781	3,735
			West Germany	3238	1783	10966	5576	14994	7899	28,702	22,397
			Netherlands	27	37	203	112	438	227	2,173	1,981
			Italy	-	-	-	-	-	-	18	15
				4126	2316	12513	6362	18345	9519	39,668	31,313
03.01.7000	15	15	Ocean Perch Fillets, Frozen								
			France	5	4	1	1	-	-	-	-
				5	4	1	1	-	-	-	-
03.01.7000	15	15	Sole, Flounder Fillets, Frozen								
			United Kingdom	-	-	1	2	-	-	9	23
			Belgium -								
			Luxembourg	-	-	2	6	2	5	-	-
			Denmark	31	59	15	29	-	-	-	-
			France	5	8	99	215	6	19	6	16
			West Germany	17	32	47	80	20	55	43	129
			Italy	-	-	-	-	-	1	-	-
			Netherlands	-	-	3	5	21	50	-	-
				53	99	167	337	49	130	58	168
03.01.7000	15	15	Turbot Fillets, Frozen								
			United Kingdom	-	-	-	-	11	13	-	-
			Denmark	-	-	5	6	-	-	-	-
			Netherlands	-	-	-	-	2	2	-	-
			France	-	-	-	-	-	-	40	86
			W. Germany	-	-	-	-	-	-	34	63
				-	-	5	6	13	15	74	149

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty 1976 (%) Bound		1974		1975		1976		1977	
			Q	V	Q	V	Q	V	Q	V
03.01.7000	15	15	Flatfish Fillets, Atlantic, Frozen NES							
			Belgium -							
			Luxembourg	13 9	-	-	1	2	2	4
			Denmark	23 18	2	1	-	-	-	-
			France	20 15	25	23	53	74	39	57
			West Germany	1 -	-	-	-	-	6	6
				57 42	27	24	54	76	97	67
03.01.7000	15	15	Flatfish Fillets, Pacific, Frozen NES							
			United Kingdom	7 15	1	4	-	-	-	-
			France	- -	-	-	9	9	9	9
			West Germany	- -	-	-	4	4	-	-
				7 15	1	4	13	13	9	9
03.01.7000	15	15	Seafish Fillets, Frozen NES							
			United Kingdom	10 3	3	4	-	-	1	5
			Belgium -							
			Luxembourg	- -	-	-	-	1	-	-
			France	5 5	20	54	2	7	-	-
			West Germany	71 41	-	-	-	-	196	150
			Italy	- -	-	-	2	24	-	-
				86 49	23	58	4	32	197	155
03.01.1900	8	8	Perch Fillets, Frozen							
			France	23 37	-	-	-	-	6	10
			Netherlands	- -	6	20	-	-	12	68
				23 37	6	20	-	-	18	73
03.01.1900	8	8	Pickerel Fillets, Frozen							
			Netherlands	3 9	-	-	-	-	4	21
				3 9	-	-	-	-	4	21
03.01.1900	8	8	Pike Fillets, Frozen							
			France	28 40	329	468	251	352	240	430
				28 40	329	468	251	352	240	430
03.01.1400	8	8	Whitefish Fillets, Frozen							
			France	- -	-	-	11	22	-	-
				- -	-	-	11	22	-	-

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty 1976(%) Bound			1974		1975		1976		1977	
				Q	V	Q	V	Q	V	Q	V
03.01.4700	15	15	Cod Blocks and Slabs, Frozen								
			United Kingdom	18	28	-	-	-	-	-	-
			West Germany	-	-	-	-	2	3	808	1,578
			France	-	-	-	-	-	-	192	167
				19	29	-	-	2	3	1,000	1,745
03.01.7000	15	15	Pollock Blocks and Slabs, Frozen								
			United Kingdom	19	18	-	-	-	-	-	-
				19	18	-	-	-	-	-	-
03.01.7000	15	15	Turbot Blocks and Slabs, Frozen								
			West Germany	-	-	2	2	2	2	-	-
				-	-	2	2	2	2	-	-
03.01.7000	15	15	Seafish Blocks, etc. Fresh, Frozen NES								
			United Kingdom	4	14	-	-	27	27	1	7
			Belgium-								
			Luxembourg	-	-	-	-	2	4	1	5
			France	-	-	103	63	1	5	-	-
			West Germany	29	48	115	63	749	481	110	61
				33	62	218	126	779	517	112	73
03.01.1900	8	8	Pike Blocks and Slabs, Frozen								
			France	76	109	354	493	239	396	140	260
				76	109	354	493	239	396	140	260
03.01.1900	8	8	Freshwater Fish Blocks etc. Fresh/Frozen NES								
			France	-	-	-	-	20	38	-	-
			W. Germany	-	-	-	-	-	-	38	31
				-	-	-	-	20	38	38	31
03.02.3300	13	13	Salmon, Smoked								
			United Kingdom	-	-	-	-	-	-	0	2
			Ireland	-	-	-	-	-	-	-	-
			West Germany	-	-	-	-	-	-	0	0
			Italy	-	-	-	-	-	1	0	1
				-	-	-	-	-	1	0	3
03.02.1300	13	13	Cod, Light Salted, over 43% Moisture								
			Italy	35	74	19	59	175	516	87	267
				35	74	19	59	175	516	87	267

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty 1976(%) Bound			1974		1975		1976		1977	
				Q	V	Q	V	Q	V	Q	V
03.02.1300	13	13	Cod, Light Salted, 43% or less Moisture Italy	614	1519	259	710	282	834	195	553
				614	1519	259	710	282	834	195	553
03.02.1300	13	13	Cod, Heavy Salted, 46-50% Moisture Italy	360	573	17	46	16	48	-	-
				360	573	17	46	16	48	-	-
03.02.1300	3	13	Cod, Heavy Salted, 44-45% Moisture Italy	-	-	33	64	1	2	436	895
				-	-	33	64	1	2	436	895
03.02.1300	13	13	Cod, Heavy Salted, 43% or less Moisture Italy	-	-	33	71	68	147	-	-
				-	-	33	71	68	147	-	-
n.a.	n.a.	n.a.	Fish, Salted and/or Dried NES United Kingdom	-	-	-	3	-	-	40	20
			France	-	-	-	-	2	2	-	-
			W. Germany	-	-	-	-	-	-	64	34
			Netherlands	-	-	-	-	-	-	12	7
n.a.	n.a.	n.a.	Alewife, Pickled Netherlands	-	-	-	3	2	2	116	61
				-	-	11	6	15	50	18	10
				-	-	11	6	15	5	18	10
03.02.1100	12	12	Herring, Whole, Dressed, Vinegar-Cured Denmark	73	25	-	-	-	-	-	-
			West Germany	1	1	-	-	102	51	305	310
			U. Kingdom	-	-	-	-	-	-	55	20
				74	26	-	-	102	51	360	350
03.02.1100	12	12	Herring Fillets, Vinegar-Cured Belgium- Luxembourg	-	-	-	-	1	1	30	18
			West Germany	1299	624	1713	1043	1718	961	3,658	2,793
			France	-	-	-	-	-	-	203	176
				1299	624	1713	1043	1719	962	3,891	2,987
03.02.1100	12	12	Herring, Whole, Dressed, Pickled NES United Kingdom	11	7	35	18	119	70	781	483
			Denmark	184	75	223	105	568	125	-	-
			West Germany	116	76	14	11	132	144	769	658
			France	-	-	-	-	-	-	12	9
			Netherlands	-	-	-	-	-	-	128	50
				311	158	272	134	319	320	1,673	1,198

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty 1976(%) Bound			1974		1975		1976		1977	
				Q	V	Q	V	Q	V	Q	V
03.02.1100	12	12	Herring, Split, Pickled West Germany	-	-	-	-	-	1	U.K. 16 10 90 70	
				-	-	-	-	-	1	Neth. 46 38 152 115	
03.02.1100	12	12	Herring Fillets, Pickled NES							U.K. 19 17	
			Belgium -	-	-	-	-	463	225	-	-
			Luxembourg	-	-	-	-	37	23	-	-
			Denmark	41	25	4	5	849	563	846	553
			West Germany	-	-	308	202	-	-	995	536
				41	25	312	207	1349	811		
n.a.	n.a.	n.a.	Mackerel Fillets, Pickled								
			United Kingdom	-	-	-	-	2	2	-	-
				-	-	-	-	2	2	-	-
03.02.1800	11	11	Salmon, Pickled								
			West Germany	-	-	-	-	80	270	11	37
				-	-	-	-	80	270	11	37
03.04.5900	20	20	Herring, Kipper Snacks, Canned								
			United Kingdom	60	110	-	-	11	19	-	-
				60	110	-	-	11	19	-	-
03.04.5900	20	20	Herring, Canned NES								
			United Kingdom	443	536	81	117	121	180	189	290
			Ireland	-	-	1	1	-	-	-	-
			West Germany	-	1	-	-	1	2	-	-
			France	-	-	-	1	-	-	-	-
			Netherlands	1	1	-	-	-	-	1	1
				444	538	82	119	122	182	190	291
03.04.3000	7 (currently free)	10	Salmon, Chum, Canned								
			United Kingdom	402	1070	330	787	75	181	-	-
			Ireland	23	81	1	3	-	-	1	3
			Belgium -								
			Luxembourg	738	2340	518	1612	117	334	204	691
			Denmark	14	42	4	16	-	-	-	-
			France	327	942	321	769	39	104	236	713
			West Germany	-	1	2	5	7	21	-	-
			Italy	248	801	10	26	24	75	17	53
			Netherlands	148	457	99	250	5	13	62	173
				1900	5734	1285	3468	267	728	529	1,633

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty 1976(%) Bound			1974		1975		1976		1977	
				Q	V	Q	V	Q	V	Q	V
03.04.3000	7	10	Salmon, Coho, Canned								
	(currently free)		United Kingdom	817	3517	428	1648	275	1128	154	711
			Belgium -								
			Luxembourg	45	194	8	31	15	74	18	86
			Denmark	1	5	1	4	2	8	1	7
			France	-	-	25	76	-	-	40	149
			West Germany	-	2	-	-	-	-	1	4
			Netherlands	41	154	23	80	4	16	35	142
			Italy	-	-	-	-	-	4	0	2
				904	3872	485	1839	296	1230	249	1,101
03.04.3000	7	10	Salmon, Pink, Canned								
	(currently free)		United Kingdom	250	816	34	68	1461	4527	1,846	6,658
			Ireland	138	550	42	117	24	93	199	744
			Belgium -								
			Luxembourg	433	1512	492	1774	882	3115	1,283	4,628
			Denmark	6	23	8	26	20	68	26	90
			France	-	-	36	91	118	338	228	747
			West Germany	9	31	11	35	4	14	17	70
			Italy	80	286	19	64	136	487	225	765
			Netherlands	98	322	173	520	52	136	538	1,746
				1014	3540	815	2695	2697	8778	4,362	15,448
03.04.3000	7	10	Salmon, Sockeye, Canned								
	(currently free)		United Kingdom	3899	16,790	3031	12,726	2042	11,162	3,174	17,465
			Belgium -								
			Luxembourg	98	466	118	559	143	785	293	1,578
			Denmark	-	4	-	1	-	3	1	7
			France	2	8	3	13	2	12	7	35
			West Germany	1	5	-	2	-	3	1	3
			Italy	5	24	1	4	9	44	10	54
			Netherlands	179	751	165	697	72	308	118	598
				4184	18,048	3318	14,002	2268	12,317	3,604	19,740
03.04.3000	7	10	Salmon, Canned NES								
	(currently free)		United Kingdom	-	-	-	-	9	26	184	605
			Belgium -								
			Luxembourg	11	35	9	27	15	36	26	91
			Ireland	-	-	-	-	-	-	14	45
			Denmark	1	3	-	-	1	4	7	24
			France	14	42	33	81	-	-	64	188
			West Germany	5	17	-	-	-	-	-	-
			Italy	7	27	3	8	3	10	22	76
			Netherlands	18	70	88	246	-	-	-	-
				56	194	133	362	28	76	317	1,029

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty			1974		1975		1976		1977	
	1976 (%)	Bound		Q	V	Q	V	Q	V	Q	V
03.04.7100	25	25	Sardine, Canned								
			United Kingdom	16	12	39	65	34	70	44	21
			Netherlands	6	7	12	16	25	33	30	61
			Ireland	-	-	2	3	-	-	-	-
				22	19	53	84	59	103	44	82
03.04.9900	20	20	Fish and Fish Products, Canned NES								
			United Kingdom	17	21	11	10	28	49	90	131
			France	-	-	-	-	-	-	-	-
			West Germany	5	9	-	1	-	1	0	0
			Italy	-	-	3	3	-	-	-	-
			Netherlands	-	1	44	30	-	-	-	-
			Denmark	-	-	-	-	18	40	-	-
				22	31	58	44	46	90	90	131
05.15.1000	5	5	Clams, Fresh or Frozen								
			France	6	5	-	-	-	-	12	81
				6	5	-	-	-	-	12	81
03.03.4100	15	15	Crabs, Fresh or Frozen								
			United Kingdom	13	77	55	221	31	150	38	306
			Belgium -								
			Luxembourg	15	78	57	275	184	1195	294	2,352
			Denmark	2	16	7	48	4	25	20	163
			France	62	349	78	436	149	836	266	1,856
			West Germany	12	95	4	23	18	99	3	25
			Netherlands	5	27	8	40	15	94	4	33
			Italy	-	-	-	1	-	-	-	-
				109	642	209	1,044	401	2,399	625	4,735
03.03.2300	13	13	Lobster in Shell, Fresh or Frozen								
			United Kingdom	112	484	108	531	54	358	66	458
			Belgium -								
			Luxembourg	137	696	144	958	152	1124	190	1,475
			Denmark	7	31	5	31	4	28	15	92
			France	169	836	164	1069	163	1191	210	1,382
			West Germany	68	361	64	440	94	738	131	1,034
			Netherlands	95	471	106	684	142	1,023	221	1,413
				588	2879	591	3713	609	4452	833	5,899

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty			1974		1975		1976		1977	
	1976 (%)	Bound		Q	V	Q	V	Q	V	Q	V
03.03.2900	20	20	Lobster Meat, Fresh, Chilled/Boiled								
			Belgium -	-	-	-	-	1	14	-	-
			Luxembourg	-	-	-	-	3	23	-	-
			France	-	-	3	14	-	9	-	-
			West Germany	-	-	-	-	-	46	-	-
				-	-	3	14	4		-	-
03.03.2900	20	20	Lobster Meat, Frozen/incl. Boiled/								
			United Kingdom	3	27	36	253	52	276	36	353
			Belgium -								
			Luxembourg	1	14	3	30	9	73	26	219
			Denmark	-	1	2	16	3	22	4	29
			France	-	-	-	1	8	52	7	45
			West Germany	6	60	4	34	6	50	5	52
			Netherlands	2	23	2	20	8	87	5	70
				12	125	47	354	86	560	83	659
05.15.1000	5	5	Scallops, Frozen								
			United Kingdom	19	82	9	39	-	-	11	45
			France	15	57	21	95	15	80	124	564
			West Germany	2	9	16	76	9	44	15	67
			Belg. - Luxemburg	-	-	-	-	-	-	2	12
			Denmark	-	-	-	-	-	-	2	9
03.03.4300	18	18	Shrimps and Prawns, Fresh or Frozen	36	148	46	210	24	124	154	653
			United Kingdom	303	1359	608	2443	479	2199	479	2,555
			Belgium -								
			Luxembourg	6	19	-	-	-	-	-	-
			Denmark	54	245	86	382	6	17	-	-
			France	-	-	1	4	-	-	-	-
			West Germany	20	81	67	282	118	550	284	1,603
			Ireland	-	-	9	28	-	-	-	-
			Netherlands	-	-	65	153	54	104	35	104
				383	1,704	836	3,292	657	2,870	798	4,262
05.15.1000	5	5	Shellfish, Fresh or Frozen NES								
			United Kingdom	-	3	11	34	-	-	4	9
			Belgium -								
			Luxembourg	32	23	-	-	3	22	-	-
			Denmark	3	12	-	-	-	-	-	-
			France	2	11	2	11	5	32	1	7
			West Germany	-	-	12	6	-	-	15	17
			Italy	-	-	-	-	17	11	-	-
			Netherlands	-	-	-	-	2	10	3	11
				37	49	25	51	27	75	26	44

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty 1976(%) Bound			1974		1975		1976		1977	
				Q	V	Q	V	Q	V	Q	V
03.05.2000	16	16	Crabs, Canned								
			United Kingdom	21	138	65	366	112	672	105	643
			Belgium -								
			Luxembourg	7	70	7	38	24	205	54	381
			Denmark	10	102	4	27	9	73	6	66
			France	89	637	82	465	297	2274	460	3,667
			West Germany	18	80	5	28	11	59	19	154
			Netherlands	28	178	25	239	53	457	73	478
				173	1,205	183	1,163	506	3,740	471	3,818
03.05.9000	20	20	Lobster and Products, Canned								
			United Kingdom	45	229	44	260	34	174	9	31
			Belgium -								
			Luxembourg	14	210	1	13	8	124	5	79
			Denmark	1	24	-	5	1	23	1	17
			France	2	25	-	-	-	12	32	519
			West Germany	28	330	18	204	41	516	51	696
			Italy	-	1	-	-	-	-	-	-
			Netherlands	23	270	7	93	20	288	28	342
				113	1,089	70	575	104	1,137	126	1,684
05.15.1000	5	5	Shellfish and Products NES								
			United Kingdom	1	2	-	-	-	-	-	-
			Belgium -								
			Luxembourg	3	10	2	5	-	-	-	-
			West Germany	13	22	1	3	-	-	2	3
			Denmark	-	-	-	1	-	-	-	-
			France	-	-	-	-	-	2	0	1
				17	34	3	9	-	2	2	4
03.01.9900	10	10	Herring Roe, Fresh, Frozen, Cured								
			United Kingdom	-	-	28	27	17	17	12	15
			West Germany	-	-	-	-	1	11	-	-
				-	-	28	27	18	28	12	15
03.01.9900	10	10	Fish Roe NES, Fresh, Frozen, Cured								
			United Kingdom	37	32	6	4	8	9	5	22
			Denmark	-	-	-	-	-	-	-	-
			France	-	-	2	7	-	-	1	4
			West Germany	2	4	6	3	33	55	512	828
			Italy	-	-	-	4	-	1	-	-
				39	36	14	18	41	65	518	834

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty		1974		1975		1976			
	1976(%)	Bound	Q	V	Q	V	Q	V	Q	V
23.07.1000	6	6 Fishery Foods and Feeds NES								
		United Kingdom	185	146	255	294	454	431	613	656
		France	-	-	17	11	26	21	36	34
		West Germany	-	2	9	4	10	10	14	13
			185	148	281	309	490	462	Italy 10	2
									673	705
03.04.9200	15	15 Precooked Frozen Fish & Shellfish								
		United Kingdom	9	42	21	51	-	-	16	95
		France	-	1	-	-	-	-	-	-
		West Germany	-	-	-	-	5	29	-	-
			9	43	21	51	5	29	16	95
23.01.3000	2	2 Herring Meal and Pilchard Meal								
		United Kingdom	3629	1633	228	67	1508	562	1,426	589
		Belgium -	748	190	-	-	-	-	-	-
		Luxembourg	-	-	-	-	-	-	-	-
		France	-	-	-	-	215	44	-	-
		West Germany	824	285	-	-	-	-	-	-
			5201	2108	228	67	1,723	606	1,426	589
23.01.3000	2	2 Fish Meal NES								
		United Kingdom	3452	1075	254	53	4467	1357	3,528	1,346
		Ireland	54	16	-	-	289	77	51	22
		France	249	78	-	-	-	-	-	-
		West Germany	5673	2037	-	-	2573	633	1,913	633
		Netherlands	499	135	-	-	-	-	-	-
			9927	3341	254	53	7329	2067	5,492	2,001
		Mosses, Sea Grasses and Plants NES								
		United Kingdom	35	44	-	-	44	23	-	-
		Belgium -	-	-	-	-	-	-	-	-
		Luxembourg	-	-	-	-	-	-	-	-
		Denmark	4481	2936	2159	1635	1231	990	1,324	1,061
		France	177	152	231	173	-	-	-	-
		West Germany	-	-	1	1	-	-	5	10
			4,693	3,132	2,391	1,809	1,275	1,013	1,329	1,071
		Fish Offal and Waste NES								
		United Kingdom	-	-	7	1	91	22	-	-
		Denmark	5943	316	1346	60	-	-	-	-
		France	5	2	-	-	-	-	-	-
		West Germany	153	12	70	3	-	-	69	4
			6,101	330	1,423	64	91	22	69	4

TABLE 1 (CONT'D)

Tariff No.	Rate of Duty			1974		1975		1976		1977	
	1976 (%)	Bound		Q	V	Q	V	Q	V		V
15.04.1100	6	6	Herring Oil								
			United Kingdom	2631	1234	19	12	1000	279	-	-
			West Germany	-	-	-	-	500	139	-	-
				2631	1234	19	12	1500	418	Neth. 634	222
										634	222
			Fish and Marine Animal Oil NES								
			United Kingdom	321	140	-	-	-	1	-	-
			France	-	-	-	-	-	-	-	-
			Netherlands	481	255	-	-	-	-	-	-
			West Germany	-	-	-	-	100	33	1,653	802
				802	395	-	-	100	34	1,653	802
			Seal Skins	No.		No.		No.			
			United Kingdom	44,535	1020	38,078	1017	33,737	926	30,806	732
			Belgium -								
			Luxembourg	5640	64	3,363	50	3829	49	5,754	89
			France	1549	47	115	4	73	8	230	9
			West Germany	7239	194	42,272	1462	24063	761	24,737	800
			Italy	1	-	-	-	146	13	67	6
				58,964	1,325	83,828	2,533	61,848	1,757	61,594	1,636
TOTAL CANADIAN EXPORTS TO EEC COUNTRIES				---	82,078	---	81,476	---	99,588	-	169,551

Source: Exports by Commodity, Statistics Canada

TABLE 2

Table 3: EEC Fish Imports by Product Form, 1976 and 1977
('000 m.t. product weight)

	Belgium		Denmark		France		Germany		Ireland		Italy ¹⁾		Netherlands		U.K.		E.E.C.	
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977
Fresh, chilled	44	39	117	131	83	86	116	106	2	1	69	59	} ⁶⁹²⁾ · } ⁷⁷²⁾		32	41	496	506
Frozen	9	8	24	25	67	98	96	117	2	*	36	72			83	78	353	432
Salted, dried, smoked	5	4	3	5	15	18	32	28	2	2	33	32	8	9	2	3	100	101
Shellfish (all forms)	30	22	11	9	66	76	17	16	-	*	5	4	37	11	21	19	187	157
Canned	26	24	12	12	62	67	50	46	1	-	21	19	17	12	62	58	251	238
Meal	32	33	8	11	59	60	304	284	13	13	91	62	61	63	253	214	821	740
Oil	-	-	1	1	16	18	1	1	*	3	7	5	109	107	215	185	349	320
Other	-	-	107	78	13	13	25	25	1	4	55	33	-	-	-	-	201	153
Total Imports	146	130	283	272	381	436	641	623	21	23	317	286	301	279	668	598	2,758	2,647

* negligible

1) First eleven months

2) Estimated split 1976: fresh 33,000 m.t.; frozen 36,000 m.t.; 1977 fresh 43,000 m.t.; frozen 34,000 m.t.

TABLE 3

Table 4: EEC Fish Exports by Product Form, 1976 and 1977
('000 m.t. product weight)

	Belgium		Denmark		France		Germany		Ireland		Italy ¹⁾		Netherlands		U.K.		E.E.C.	
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977
Fresh, chilled	13	13	135	135	33*	37	11	16	12	8	18	18	} 94 ²⁾ } 104 ²⁾		43	47	364	378
Frozen	3	3	76	82	43	26	46	55	6	11	18	20			55	69	294	318
Salted, dried, smoked	2	2	8	7	4	3	3	3	7	9	1	1	38	31	23	20	86	76
Shellfish (all forms)	1	2	13	16	13	19	24	10	7	6	1	1	56	55	20	25	135	134
Canned	3	3	32	33	4	5	27	27	-	-	5	3	17	12	7	8	95	91
Meal	3	6	285	264	15	18	52	59	2	2	1	2	11	9	8	10	377	370
Oil	-	-	86	75	8	6	1	1	2	2	*	*	7	8	7	6	111	98
Other	-	-	34	23	2	3	1	1	3	1	28	7	22	23	-	-	90	58
Total Exports	25	29	669	635	122	117	165	172	39	39	72	52	245	242	163	185	1,500	1,471

* negligible

1) First 11 months

2) Split 50:50 into fresh and frozen

BELGIUM

Table 1	Fish Landings, 1976 and 1977
Table 2	Value of Fish Landings, 1976 and 1977
Table 3	Utilization of Catches, 1976 and 1977
Table 4	External Trade in Fish and Fish Products, 1976 and 1977

TABLE 1

BELGIUMFISH LANDINGS

Quantity: tons (live weight)

	BELGIUM		OTHER COUNTRIES		TOTAL	
	1976	1977	1976	1977	1976	1977
A. <u>WHITE FISH</u>						
Haddock	3,256	2,985	443	325	3,699	3,310
Cod	8,702	11,605	594	584	9,296	12,189
Saiths	1,840	1,469	35	96	1,875	1,565
Whiting	3,097	3,501	48	45	3,145	3,546
Plaice	3,854	4,934	2,080	2,961	5,934	7,894
Sole	3,359	3,202	56	109	3,415	3,311
Skate	1,716	1,446	37	95	1,753	1,541
Redfish	1,511	1,376	13	21	1,524	1,397
Others	7,393	6,872	413	675	7,806	7,547
Total	34,728	37,390	3,719	4,911	38,447	42,301
B. <u>PELAGIC FISH</u>						
Herring	1,445	57	-	-	1,445	57
Sprat	-	-	-	-	-	-
Others	322	66	-	-	322	66
Total	1,767	123	-	-	1,767	123
C. <u>CRUSTACEANS & MOLLUSCS</u>						
Shrimps	2,009	1,126	84	87	2,093	1,213
Norway lobsters	447	474	1	-	448	474
Others	1,724	1,369	22	19	1,746	1,388
Total	4,180	2,969	107	106	4,287	3,075
GRAND TOTAL	40,675	40,482	3,826	5,017	44,501	45,495

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 2

BELGIUMUTILISATION OF CATCHES1976 AND 1977

Quantity : live weight (tons)
 % : percentage of total home landings

How marketed	1976		1977	
	Quantity	%	Quantity	%
Fresh, chilled	33,654	82.74	35,717	88.23
Frozen	3,661	9	2,429	6
Cured (salted, dried, smoked) ,.....	-	-	-	-
Canned	2,034	5	810	2
Reduced to meal and/or oil, etc.	1,326	3.26	1,526	3.77
Others	-	-	-	-
Total fish and fish products	40,675	100	40,482	100

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 3

BELGIUM

VALUE OF FISH LANDINGS

1 US \$ = 36,035 B.F.

SPECIES	BELGIUM		OTHER COUNTRIES		TOTAL	
	1976	1977	1976	1977	1976	1977
A. WHITE FISH						
Haddock	1,548,022	1,703,163	185,320	218,241	1,733,342	1,921,404
Cod	5,433,872	7,420,072	307,210	428,546	5,741,082	7,848,618
Saithe	816,943	922,588	14,103	48,292	831,046	970,880
Whiting	1,384,629	1,633,540	12,561	17,890	1,397,190	1,651,430
Plaice	2,267,842	2,747,445	1,401,433	1,971,898	3,669,275	4,719,343
Sole	14,065,146	12,707,266	218,547	398,868	14,283,693	13,106,134
Skate	1,265,964	1,286,018	17,666	38,361	1,283,630	1,324,379
Redfish	1,124,637	1,172,675	4,125	12,014	1,128,762	1,184,689
Others	5,969,895	5,778,269	418,161	606,718	6,388,056	6,384,987
Total	33,876,950	35,371,036	2,579,126	3,740,828	36,456,076	39,111,864
B. PELAGIC FISH						
Herring	423,422	19,913	41	-	423,463	19,913
Sprat	-	-	-	-	-	-
Others	68,991	16,517	-	-	68,991	16,517
Total	492,413	36,430	41	-	492,454	36,430
C. CRUSTACEANS & MOLLUSCS						
Shrimps	2,288,626	2,261,738	74,417	121,095	2,363,043	2,382,833
Norway lobsters ..	1,091,396	1,277,720	1,159	-	1,092,555	1,277,720
Others	708,577	839,709	18,829	15,162	727,406	854,871
Total	4,089,699	4,379,167	94,405	136,257	4,194,104	4,515,424
Grand Total	38,469,062	39,786,633	2,673,572	3,877,085	41,142,634	43,663,718

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 4

BELGIUMEXTERNAL TRADE IN FISH AND FISH PRODUCTS1976 AND 1977

Quantity: tons (Product weight)

Value: (1 US\$ = 36,035 B.F.)

	IMPORTS				EXPORTS			
	1976		1977		1976		1977	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total fish and fish products (inclusive of meal)	145,341	224.934	145,844	246.930	24,958	43,299	28,819	47,420
Total (exclusive of meal)	113,317	212.701	112,129	230.552	22,081	42,272	22,301	44,962
Fresh, chilled	32,815	61.362	29,660	64.759	10,854	16,769	12,262	18,610
Frozen	19,295	21.834	19,146	26,105	5,187	11,507	4,127	9,026
Salted, dried, smoked	5,262	10.289	4,175	11,025	2,578	4,051	1,248	2,325
Shellfish (fresh, chilled, salted, dried)	30,299	56.957	35,322	65,669	804	2,957	2,372	7,919
Canned	25,646	62,259	23,826	62,994	2,660	6,989	2,292	7,081
Meal	32,024	12,233	33,715	16,379	2,877	1,027	6,518	2,459
Oil	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-

Source: Review of Fisheries in OECD Member Countries - 1977

DENMARK

Table 1 Total Landings by Danish Fishermen and Foreign
Landings in Danish Ports, 1976 and 1977

Table 2 External Trade in Fish and Fish Products, 1976 and 1977

TABLE 1

DENMARK

25.

TOTAL LANDINGS BY DANISH FISHERMEN AND FOREIGNLANDINGS IN DANISH PORTS

Landings : metric tons

Value : '000 D.Kr.

Landings by Danish fishermen		1976		1977*	
		Landings	Value	Landings	Value
Plaice	In	45,302	167,791	44,591	172,240
Dab	Danish	3,531	8,870	3,461	9,855
Common Sole	ports	953	27,017	792	21,313
Flounder		2,992	5,822	2,574	5,111
Cod		158,076	420,825	140,739	503,612
Haddock		10,764	34,111	10,431	43,064
Saithe		12,789	33,483	14,886	44,005
Hake		1,642	15,612	1,368	15,297
Whiting		1,462	2,845	1,644	4,476
Herring		39,089	81,229	40,393	106,556
Mackerel		6,715	9,298	10,192	16,493
Garpike		1,247	1,874	1,115	2,007
Piked dogfish		1,253	4,668	1,158	4,633
Silver eel		1,477	38,784	1,215	39,024
Yellow eel		1,399	23,408	1,120	22,958
Salmon		1,353	48,986	870	37,726
Fish for reduction		1,534,087	622,959	1,433,698	673,546
Crustaceans		7,306	75,772	3,265	44,960
Mussels		37,870	3,907	46,994	5,057
Other		9,830	46,875	10,023	59,752
TOTAL 1		1,879,137	1,674,141	1,770,529	1,921,692
Plaice	In	607	2,597	263	1,242
Cod	foreign	2,593	9,241	1,960	10,704
Salmon	ports	166	5,415	49	1,713
Fish for reduction		4,993	1,740	758	376
Other		809	4,115	255	2,523
TOTAL 2		9,168	23,103	3,290	16,633
TOTAL 1 AND 2		1,888,305	1,697,249	1,773,819	1,938,330
Landings by foreign vessels					
Herring	In	57,295	125,014	34,936	100,931
Mackerel	Danish	19,547	26,912	32,749	51,996
Cod	ports	1,989	6,347	3,151	13,328
Fish for reduction		67,967	34,956	46,454	27,426
Other		11,229	34,990	13,188	49,621
TOTAL 3		158,027	228,219	130,478	245,302
TOTAL 1 AND 3		2,037,164	1,902,360	1,901,007	2,164,994

*Preliminary figures.

Source: Review of Fisheries in OECD
Member Countries - 1977

TABLE 2

DENMARKEXTERNAL TRADE IN FISH AND FISH PRODUCTS1976 AND 1977Quantity : metric tons
Value : '000 D.Kr.

	IMPORTS				EXPORTS			
	1976		1977		1976		1977	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total fish and fish products	283,007	853,889	272,011	1,098,543	668,814	3,158,845	634,507	3,789,655
Fresh, chilled	117,175	293,346	130,982	411,743	134,707	920,982	135,368	1,084,883
Frozen	24,376	163,586	24,623	204,684	75,558	717,272	82,079	869,653
Salted, dried, smoked ...	3,026	29,690	4,988	47,874	8,102	138,583	7,096	162,782
Shellfish (fresh, chilled, salted, dried)	10,510	78,590	9,429	83,807	13,515	131,614	15,509	179,771
Canned	11,947	211,656	11,927	264,317	32,307	399,993	32,902	475,640
Meal	7,691	13,398	10,698	30,680	284,562	650,220	263,824	799,117
Oil	1,439	3,045	1,288	3,587	85,651	172,058	74,461	192,390
Other	106,843	55,578	78,076	51,851	34,412	28,123	23,268	25,419

Source: Review of Fisheries in OECD Member Countries - 1977

FRANCE

Table 1	Landings and Values, 1976 and 1977
Table 2	Utilization of Catch, 1976 and 1977
Table 3	International Trade in Fish and Fish Products, 1976 and 1977

TABLE 1

FRANCE

28.

LANDINGS AND VALUES, 1976 AND 1977

Production (landed weight)	1976		1977	
	Tonnes	1,000 F.	Tonnes	1,000 F.
<u>WHITE FISH</u>				
Total	293,256	1,192,283	287,940	1,408,548
of which : Cod	17,372	71,747	17,696	85,495
Haddock	13,019	31,897	11,748	36,141
Saithe	63,109	128,112	64,126	170,208
Whiting	36,831	102,391	33,997	117,242
Hake	17,203	179,365	17,035	190,501
Blue ling	13,412	25,349	10,955	34,952
Anglerfish	10,843	80,046	11,109	88,826
Other species	121,507	573,376	121,274	685,183
<u>PELAGIC FISH</u>				
Total	91,764	217,189	83,665	229,848
of which : Herring	19,279	34,416	3,270	14,380
Sardine	16,369	32,925	20,398	59,028
Mackerel	34,682	44,950	37,404	58,393
Other species	21,434	104,898	22,593	118,047
<u>CRUSTACEANS AND MOLLUSCS</u>				
Total	211,394	1,164,254	228,441	1,233,787
of which : Oysters	90,620	579,516	93,984	563,069
Mussels	44,244	98,463	50,565	117,075
Scallops	21,147	88,445	17,889	95,917
Crab and Spider Crab	15,375	73,096	17,761	85,758
Norway lobster	11,614	143,050	10,044	143,422
Other species	28,394	181,684	38,198	228,546
<u>FROZEN FISH</u>				
Total	72,710	282,736	77,948	432,090
of which : Cod	15,073	90,098	14,078	125,938
Yellowfin Tuna	38,003	128,831	35,702	188,199
Skipjack	12,265	34,342	22,120	83,393
Other species	7,369	29,465	6,048	34,560
<u>OTHERS</u>				
Total	28,399	62,192	34,283	60,912
of which : Salt	2,645	17,747	1,992	15,914
Oil	567	1,152	350	654
Meal	3,323	6,066	3,171	7,622
Algae	19,131	6,009	26,386	5,663
Anadromous fish	2,733	31,218	2,384	31,059
GRAND TOTAL	697,523	2,918,654	712,277	3,365,185

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 2

FRANCEUTILISATION OF CATCH1976 AND 1977

Quantity : Landed weight - tons
 % : Percentage of total landings

How marketed	1976		1977	
	Quantity	%	Quantity	%
Fresh, chilled (landed)	592,810		602,475	
Frozen (1)	72,744		80,292	
Cured (salted, smoked, dried)	3,121		1,992	
Canned (incl. imports used by French canners) (3)	(102,000)		(116,100)	
Reduced to meal and/or oil, etc. (2)	3,890		3,521	
Others (marine plants, algae)	19,131		26,386	
TOTAL	691,696	100	714,666	100

- (1) "Grande Pêche", Tropical Tuna and Frozen sardines.
 (2) "Grande Pêche" production.
 (3) Of which imported fish.

TABLE 3

FRANCEINTERNATIONAL TRADE IN FISH AND FISH PRODUCTS1976 AND 1977Quantity : tons
Value : 1,000 F.

	IMPORTS				EXPORTS			
	1976		1977		1976		1977	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total fish and fish products	380,691	2,417,961	436,147	3,129,891	122,421	582,154	116,808	709,107
Fresh, chilled ...	82,956	462,852	86,415	522,950	32,524	122,175	36,505	187,957
Frozen	67,307	277,258	98,320	503,717	42,693	138,995	25,529	112,825
Salted, dried, smoked	15,129	110,139	17,775	152,609	3,734	39,854	3,418	48,106
Shellfish (fresh, chilled, salted, dried)	65,567	533,765	76,314	666,206	13,370	133,791	18,959	182,874
Canned	61,382	609,779	66,917	782,687	3,630	40,624	4,550	53,751
Meal	59,391	98,431	59,913	140,868	14,501	24,189	18,153	44,641
Oil	16,470	28,951	17,928	43,248	8,037	15,131	5,782	14,173
Others	-	-	-	-	-	-	-	-

Source: Review of Fisheries in OECD Member Countries - 1977

GERMANY

Table 1	Landings and Values, 1976 and 1977
Table 2	Utilization of Catch, 1976 and 1977
Table 3	External Trade in Fish and Fish Products, 1976 and 1977

TABLE 1

GERMANY

LANDINGS AND VALUES

1976 AND 1977

Quantity: '000 tons (landed)
Value: Mill. U.S. Dollars

	1976		1977	
	1 US\$ = 2.5742DM		1 US\$ = 2.338DM	
	Quantity	Value	Quantity	Value
TOTAL LANDINGS	301.4	157.4	285.1	192.2
For direct human consumption .	210.8	134.4	216.3	166.6
Species: (Fresh)				
Cod	41.0	17.6	43.7	24.9
Haddock	2.3	1.3	2.5	1.8
Saithe	31.2	12.8	25.2	14.3
Redfish	38.6	23.8	39.7	28.2
Plaice	2.9	1.9	2.8	2.0
Others	19.9	11.1	24.1	15.8
Frozen (all species)	74.9	66.4	78.3	79.6
For other purposes	52.1	9.7	48.1	11.5
Fodder shrimps	10.3	0.3	8.7	0.3
Fish-meal	23.0	7.7	21.7	8.7
Fish-oil	4.2	1.3	3.9	1.7
Others	13.6	0.4	13.8	0.8
Shellfish (crustaceans and molluscs)	38.5	13.3	20.7	14.1
Shrimps	13.5	10.9	7.8	12.6
Mussels	25.0	2.4	12.9	1.5

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 2

GERMANY

UTILISATION OF CATCH
1976 AND 1977

Quantity : catch weight - '000 t.
% = Percentage of total landings

How marketed	1976		1977	
	Quantity	%	Quantity	%
Fresh, chilled	222.6	51.1	203.2	49.3
Frozen	184.7	42.4	183.8	44.6
Cured (salted, smoked, dried)	-	-	0.4	0.01
Canned	-	-	-	-
Reduced to meal and/or oil, etc.	26.1	6.0	23.5	5.7
Other	2.2	0.5	1.3	0.3
Total	435.6	100	412.2	100

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 3
GERMANY

EXTERNAL TRADE IN FISH AND FISH PRODUCTS
1976 AND 1977

Quantity : '000 t product weight
Value : Million \$ 1976 \$1 = 2,5742 DM
(30.6.77) 1977 \$1 = 2,343 DM

	IMPORTS						EXPORTS					
	1976			1977			1976			1977		
	Quantity	Value		Quantity	Value		Quantity	Value		Quantity	Value	
	1000t.	mill. \$	mill. DM	1000t.	mill. \$	mill. DM	1000t.	mill. \$	mill. DM	1000t.	mill. \$	mill. DM
Total fish and fish products	641	473.9	1,220.3	623	588.8	1,379.5	165	160.0	411.5	172	206.9	484.7
Fresh, chilled	116	73.5	189.1	106	88.9	208.3	11	11.8	30.4	16	18.5	43.3
Frozen	96	64.3	165.4	117	96.3	225.6	46	53.0	136.4	55	69.3	162.4
Salted, dried, smoked	32	38.4	98.9	28	45.2	106.0	3	4.8	12.2	3	5.8	13.5
Shellfish (fresh, chilled, salted, dried)	17	45.5	117.2	16	57.7	135.2	24	14.3	36.7	10	17.4	40.7
Canned	50	81.8	210.5	46	86.6	202.9	27	53.6	137.9	27	63.6	149.1
Meal	304	93.7	241.2	284	124.5	291.6	52	19.3	49.6	59	28.3	66.3
Oil (to October)	1	0.5	1.3	1	0.4	0.9	1	0.8	2.1	1	0.5	1.2
Other	25	76.2	196.7	25	89.2	209.0	1	2.4	6.2	1	3.5	8.2

Source: Review of Fisheries in OECD Member Countries - 1977

IRELAND

Table 1	Landings and Values, 1976 and 1977
Table 2	Utilization of Catch, 1976 and 1977
Table 3	External Trade in Fish and Fish Products, 1976 and 1977

TABLE 1

IRELANDLANDINGS AND VALUES1976 AND 1977Quantity : Metric tons (landed weight)
Value £(pounds sterling)

	1976		1977	
	Quantity	Value	Quantity	Value
TOTAL LANDINGS ^{a)}	88,792	15,333,156	90,252	20,777,381
DIRECT HUMAN CONSUMPTION (TOTAL)	69,995	14,688,600	77,327	20,259,627
Wetfish(b)	52,839	8,758,347	63,365	15,013,858
<u>Species:</u> Plaice	1,735	632,453	1,633	746,117
Ray/Skate	1,671	381,934	1,411	369,362
Sole	294	449,333	241	431,934
Haddock	1,342	261,903	763	250,104
Whiting	8,223	943,770	7,614	1,598,352
Saithe	1,546	235,239	1,222	331,658
Cod	5,726	1,406,138	4,585	1,727,113
Other demersal	1,737	480,528	3,585	1,620,432
Herring	21,466	3,130,131	22,331	6,088,387
Mackerel	8,414	613,354	17,837	1,520,378
Other pelagic	38	2,165	1,824	174,603
Other	647	216,399	319	155,418
Shellfish*	17,156	5,930,253	13,962	5,245,769
<u>Species:</u> Crustaceans	3,523	2,570,976	6,129	3,230,221
Molluscs	13,633	3,359,277	7,833	2,015,548
OTHER PURPOSES(e.g. reduction to fish-meal and fishoil)	18,797	644,556	12,925	517,754
<u>Species:</u> Flatfish	457	6,854	154	4,773
Whiting	968	63,349	175	7,882
Other Round*	2,091	68,408	1,285	49,881
Herring	762	31,499	1,125	39,001
Mackerel	5,981	258,534	5,156	274,892
Sprats	8,538	215,912	5,030	141,325

*includes quantities of fish landed directly into foreign ports or transhipped at sea for export by Irish registered vessels.

a) All species including shellfish. b) All species excluding shellfish.

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 2

IRELANDUTILISATION OF CATCH1976 AND 1977Quantity: '000 metric tonnes
% = Percentage of total landings.

How marketed	1976		1977*	
	Quantity	%	Quantity	%
Fresh, chilled	20.5	25.41	18.86	22.35
Frozen	17.07	21.16	28.0	33.13
Cured (salted,dried,smoked)...	24.61	30.51	24.27	28.76
Canned	-	-	-	-
Reduced to meal and oil, etc..	17.47	21.66	12.06	14.29
Other	1.02	1.26	1.2	1.42
TOTAL	80.67	100.00	84.39	100.00

*Refers only to catch landed in the Republic of Ireland - estimated.

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 3

IRELANDEXTERNAL TRADE IN FISH AND FISH PRODUCTS1976 AND 1977

Quantity : Metric tons (product weight)

Value : Pounds Sterling (£)

	IMPORTS				EXPORTS			
	1976		1977		1976		1977	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total fish and fish products ...	21195.98	8691633	23064.27	13244719	39036.49	20590342	38778.10	25360268
Fresh, chilled...	1822.99	322456	1401.96	558389	11813.76	6115135	8174.04	5132978
Frozen	2218.26	2078710	359.60	288996	5604.51	3203275	11048.50	6418104
Salted, dried, smoked	1486.36	872177	1521.74	1334058	6596.72	2244222	8705.09	5562091
Shellfish (fresh chilled, salted, dried)	571.89	467709	253.55	601280	7623.92	5720698	5732.16	5876430
Canned	643.98	1128713	-	-	36.92	68077	-	-
Meal	13184.21	2817360	13185.24	3916474	2033.34	498412	1839.28	549179
Oil	229.83	82191	2268.41	831784	2066.28	406989	1713.42	391255
Other	1038.46	922317	4073.77	5713738	3321.04	1733534	1515.61	1380231

Source: Review of Fisheries in OECD Member Countries - 1977

ITALY

Table 1	Landings and Values, 1976 and 1977
Table 2	Utilization of Catches, 1976 and 1977
Table 3	External Trade in Fish and Fish Products, 1976 and 1977
Table 4	External Trade in Fish and Fish Products, 1976 and 1977

TABLE 1

ITALYLANDINGS AND VALUES1976 AND 1977

Quantity : tonnes (landed weight)
Value : 1,000,000 liras

	1976		1977	
	Quantity	Value	Quantity	Value
TOTAL LANDINGS	381,077	296,412	341,898	350,846
For direct human consumption ^{a)}	359,675	293,222	322,134	346,965
Fish, fresh and chilled	227,385	189,145	211,070	228,221
Molluscs, fresh and chilled	72,776	44,524	47,182	43,245
Crustaceans, fresh and chilled	18,225	36,202	18,769	45,440
Frozen (ocean fish)	41,289	23,351	45,113	30,059
Fish for salting	19,002	2,325	17,364	2,862
For other purposes	2,400	865	2,400	1,019

(a) Including quantities processed to obtain salted, dried, smoked, etc. products.

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 2

ITALY

UTILISATION OF CATCHES
1976 AND 1977Quantity : tons (landed weight)
% : percentage of total landings

How marketed	1976		1977	
	Quantity	%	Quantity	%
Fresh, chilled ^{a)}	339,586	85.57	300,481	83.41
Frozen ^{a)}	41,289	10.40	45,113	12.52
Salted, dried, smoked ^{b)}	12,354	3.11	11,180	3.10
Reduction to meal	1,215	0.31	1,080	0.30
Other	2,400	0.61	2,400	0.67
TOTAL	396,844	100.00	360,254	100.00

(a) Including quantities used for salted, dried, smoked and canned products.

(b) Including quantities used for salted, dried, smoked products for canning.

TABLE 3

ITALY

EXTERNAL TRADE IN FISH AND FISH PRODUCTS1976 AND 1977Quantity : tons
Value : 1000 liras

	IMPORTS					
	1976		First 11 months 1976		First 11 months 1977	
	Quantity	Value	Quantity	Value	Quantity	Value
Total fish and fish products	337,352	310,084,000	316,880	284,302,603	286,142	331,295,701
Fresh, chilled	-	-	69,113	68,642,003	59,294	83,425,506
Frozen	-	-	35,943	57,985,676	71,594	77,191,189
Salted, dried, smoked	-	-	33,422	64,582,477	31,963	70,276,600
Shellfish (fresh, chilled, salted dried)	-	-	4,973	1,224,626	4,183	1,152,611
Canned	-	-	20,624	27,744,179	18,880	33,236,065
Meal	-	-	91,030	23,941,147	61,692	25,868,013
Oil	-	-	6,517	2,596,985	5,237	2,943,747
Other(a)	-	-	35,255	37,585,506	33,324	37,201,965

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 4

ITALY

EXTERNAL TRADE IN FISH AND FISH PRODUCTS1976 AND 1977Quantity : tons
Value : '000 liras

	EXPORTS					
	1976		First 11 months 1976		First 11 months 1977	
	Quantity	Value	Quantity	Value	Quantity	Value
Total fish and fish products	83,465	39,686,000	72,236	35,495,007	52,403	41,028,092
Fresh, chilled	--	--	17,509	11,320,521	18,418	14,436,665
Frozen	--	--	17,983	6,966,596	20,275	10,881,642
Salted, dried, smoked	--	--	1,229	1,280,129	972	1,268,569
Shellfish (fresh, chilled, salted, dried)	--	--	593	304,220	649	349,755
Canned	--	--	5,349	7,896,025	3,324	7,389,744
Meal	--	--	1,418	438,063	2,456	1,192,067
Oil	--	--	26	30,017	10	16,062
Other	--	--	28,129	7,259,436	6,299	5,493,588

Source: Review of Fisheries in OECD Member Countries - 1977

THE NETHERLANDS

Table 1	Landings Sold for Human Consumption, 1976 and 1977
Table 2	Landings, Not Sold for Human Consumption, 1976 and 1977
Table 3	Utilization of Catch, 1976 and 1977
Table 4	External Trade in Fish and Fish Products, 1976 and 1977

TABLE 1

NETHERLANDS

45.

LANDINGS SOLD FOR HUMAN CONSUMPTION

1976 AND 1977* Quantity : Landed weight
Value : Dutch guilders

	1976			1977		
	x 1000 kg	x 1000 fls	Average price cts/kg	x 1000 kg	x 1000 fls	Average price cts/kg
<u>Roundfish</u>	<u>35,862</u>	<u>60,510</u>	<u>169</u>	<u>40,913</u>	<u>70,176</u>	<u>173</u>
of which:						
Haddock	1,616	2,594	161	1,437	2,616	182
Cod	18,591	36,551	197	24,694	45,426	184
Saithe	2,996	3,386	113	5,031	5,965	118
Whiting	9,930	13,408	135	7,486	12,179	163
Other	2,729	4,571	167	2,265	3,990	176
<u>Flatfish</u>	<u>64,295</u>	<u>229,096</u>	<u>356</u>	<u>64,568</u>	<u>224,427</u>	<u>348</u>
of which:						
Plaice	44,715	72,104	161	45,026	72,218	160
Dab	3,118	3,748	120	3,143	3,688	117
Sole	10,506	124,458	1,185	10,401	118,110	1,136
Other	5,956	28,786	483	5,998	30,411	507
<u>Herrings</u>	<u>50,000</u>	<u>78,460</u>	<u>157</u>	<u>20,572</u>	<u>48,673</u>	<u>237</u>
of which:						
Fresh	20,413	19,282	94	7,453	7,081	95
Salted	27,695	57,025	206	9,119	37,971	416
Other	1,892	2,153	114	4,000	3,621	91
<u>Mackerel</u>	<u>14,295</u>	<u>8,886</u>	<u>62</u>	<u>35,557</u>	<u>32,080</u>	<u>90</u>
<u>Raylike Fish</u>	<u>442</u>	<u>778</u>	<u>176</u>	<u>443</u>	<u>798</u>	<u>180</u>
<u>Freshwater Fish</u>	<u>2,980</u>	<u>14,268</u>	<u>479</u>	<u>3,031</u>	<u>16,349</u>	<u>539</u>
of which:						
Eel	1,172	10,395	887	783	10,065	1,285
Other	1,808	3,873	214	2,248	6,284	280
<u>Shellfish</u>	<u>70,236</u>	<u>60,706</u>	<u>86</u>	<u>104,245</u>	<u>62,583</u>	<u>60</u>
of which:						
Oysters	1,302	15,477	1,189	1,188	15,875	1,336
Mussels	63,748	29,263	46	99,851	26,015	26
Shrimps	4,976	15,619	314	3,506	20,086	573
Other	210	347	165	300	607	202
<u>Grand Total for human consumption</u>	<u>238,110</u>	<u>452,704</u>	<u>190</u>	<u>269,929</u>	<u>455,086</u>	<u>169</u>

*Provisional figures.

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 2

NETHERLANDSLANDINGS, NOT SOLD FOR HUMAN CONSUMPTION1976 AND 1977

Quantity : Landed weight

Value : Dutch guilders

	1976			1977*		
	x 1.000 kg	x 1.000 fls	average price cts/Kg	x 1.000 kg	x 1.000 fls	average price cts/Kg
Haddock	56	31	55	2	1	58
Cod	113	99	88	414	385	93
Coalfish (Saithe)	147	93	63	-	-	67
Whiting	575	437	76	440	356	81
Plaice	730	737	101	1,699	1,869	110
Mackerel	2,405	1,323	55	355	192	54
Herring	22	2	8	-	-	-
Shrimps	1,551	3,598	232	1	2	199
Other species ,.....	3,767	697	18	3,615	723	20
TOTAL	9,366	7,017	75	6,526	3,528	54

*1977 provisional figures

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 3

NETHERLANDSUTILISATION OF CATCH1976 AND 1977

Quantity = '000 tons live weight
 % = Percentage of total landings

How marketed	1976		1977*	
	Quantity	%	Quantity	%
Fresh, chilled, frozen	201.0	75	243.5	82
Cured (salted, smoked, dried)	51.7	19	37.0	12
Canned	12.4	5	15.3	5
Reduced to meal/oil etc.	-	-	-	-
Other	2.3	1	2.8	1
TOTAL	267.4	100	298.6	100

*1977 provisional figures

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 4

NETHERLANDSEXTERNAL TRADE IN FISH AND FISH PRODUCTS1976 AND 1977

Quantity : '000 kg
Value : '000 Dutch guilders

	IMPORTS				EXPORTS			
	1976		1977*		1976		1977	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total fish and fish products	301,055	525,248	278,947	568,533	244,931	735,227	241,684	734,912
Fresh, chilled, frozen	69,254	166,385	76,743	204,363	93,524	375,491	103,915	389,131
Salted, dried, smoked	8,019	10,712	9,062	19,813	38,120	100,735	30,513	99,618
Shellfish (fresh, chilled, frozen, salted, dried)	37,207	99,073	11,213	86,712	56,124	158,721	154,648	159,107
Canned	16,592	97,930	11,833	84,360	16,859	79,636	11,712	60,027
Meal	61,249	51,472	62,491	63,910	11,010	9,770	9,046	11,631
Oil	108,568	99,638	107,425	109,334	7,324	7,994	8,575	10,478
Other (offal, etc.) .	166	38	180	41	21,970	2,880	23,275	4,920

*1977 provisional figures

Source: Review of Fisheries in OECD Member Countries - 1977

UNITED KINGDOM

Table 1	Landings by British Vessels and First Hand Value
Table 2	Utilization of Catch, 1976 and 1977
Table 3	Imports and Exports of Fish and Fish Products, 1976 and 1977

TABLE 1
UNITED KINGDOM

LANDINGS BY BRITISH VESSELS AND FIRST HAND VALUE

Quantity : Tons landed weight
Value : £'000

	1976		1977	
	Quantity	Value	Quantity	Value
TOTAL LANDINGS...	932,775	209,794	916,356	251,665
For direct human consumption.....	681,804	180,677	662,033	216,225
Cod	211,623	80,216	147,501	76,965
Haddock	125,757	34,815	122,647	47,883
Plaice	30,577	12,265	35,079	14,903
Saithe	39,937	6,997	35,413	9,823
Whiting	48,013	9,002	49,736	13,728
Other Demersal.	69,928	21,473	69,761	26,439
Total Demersal	525,835	164,773	460,137	189,741
Herring	88,547	11,495	42,845	12,858
Mackerel	44,638	3,346	119,760	11,181
Sprats	19,176	899	31,938	1,874
Other pelagic..	3,608	164	7,353	571
Total pelagic	155,969	18,904	201,896	26,484
For other purposes	168,944	6,007	176,716	8,417
Demersal-all species	50,282	1,487	36,211	1,407
Mackerel	42,460	1,905	66,969	3,478
Sprats	70,563	2,395	65,137	3,154
Other pelagic..	5,639	220	8,399	378
Total pelagic	118,662	4,520	140,505	7,010
Shellfish	82,027	23,110	77,607	27,023
Cockles	18,524	356	17,416	391
Crabs	7,717	1,919	8,628	2,683
Lobsters	897	3,475	946	4,040
Nephrops	15,844	8,627	15,051	11,034
Oysters	952	862	999	1,069
Queens	9,499	1,220	6,372	963
Scallops.....	9,348	3,251	5,519	2,715
Other shellfish	18,746	3,400	22,676	4,128

TABLE 2

UNITED KINGDOMUTILISATION OF CATCH
1976 AND 1977

	1976		1977 (Provisional)	
	Quantity 000's mt	%	Quantity 000's mt	%
Fresh, chilled	421.4	45.1	364.7	39.7
Frozen	291.6	31.2	336.6	36.6
Cured (Salted, smoked, dried)....	51.8	5.5	29.8	3.3
Canned	8.0	0.9	6.1	0.7
Reduced to meal and/or oil etc...	152.6	16.3	170.5	18.6
Other (Miscellaneous purposes)...	8.9	1.0	10.3	1.1
TOTAL	934.3*	100.0	918.0*	100.0

*These figures include allowances of 2.5 thousand metric tons for landings of salmon and trout for human consumption (fresh and chilled).

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 3

UNITED KINGDOMIMPORTS AND EXPORTS OF FISH AND FISH PRODUCTS

	IMPORTS				EXPORTS			
	1976		1977		1976		1977	
	'000 mt	'000 £	'000 mt	'000 £	'000 mt	'000 £	'000 mt	'000 £
Fresh, chilled	32	12,939	41	20,835	43	12,570	47	16,329
Frozen	83	64,127	78	74,076	55	27,063	69	38,625
Salted, dried and smoked	2	1,245	3	2,085	23	9,891	20	13,692
Shellfish, fresh and frozen	10	14,921	8	13,516	19	23,794	24	28,294
Shellfish, prepared and preserved	11	20,862	11	25,716	1	1,319	1	2,176
Prepared and preserved excluding shellfish ..	62	73,508	58	70,994	7	5,512	8	8,157
Herring and other meals	253	51,725	214	59,810	8*	1,645	10	3,016
Fish and Marine Oils..	215	43,536	185	50,513	7*	2,019	6	2,521
TOTALS	668	282,863	598	317,545	163	83,813	185	112,810

*A further 3,000 tonnes valued at £9,000 exported as fish for the manufacture of meal and oil.

Source: Review of Fisheries in OECD Member Countries - 1977

BULGARIA

Table 1 Bulgarian Fish and Shellfish Landings, Selected Species,
1971 - 1976

Table 2 Bulgaria: International Trade in Fisheries Products
with 24 Selected Countries, 1974

TABLE 1

BULGARIAN FISH AND SHELLFISH LANDINGS, SELECTED SPECIES

	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>
	Metric Tons					
Common Carp	5,100	4,500	4,800	5,600	5,931	6,002
Silver Hake	2,000	3,500	1,500	2,500	3,639	3,321
Cape Hake	20,400	19,300	17,400	10,800	9,802	27,815
Atlantic Horse Mackerel	-	1,500	2,500	4,500	10,182	5,892
Cunene Horse Mackerel	6,200	3,000	2,000	2,900	20,138	10,359
Jack & Horse Mackerel	3,300	8,200	9,200	7,300	19,369	9,283
Atlantic Herring	4,500	2,500	2,400	2,400	1,236	338
Sardinellas	1,000	3,600	200	600	224	261
European Pilchard	-	1,200	1,800	4,600	19,930	14,032
Sprat	2,500	3,000	3,300	4,500	5,565	7,199
Chub Mackerel	5,700	3,300	1,300	1,200	3,598	6,848
Atlantic Mackerel	28,500	23,800	36,100	34,200	39,606	41,243
Pelagic Fish (n.e.i.)	2,500	2,300	-	1,078	-	-
Finfishes (n.e.i.)	2,700	4,200	-	1,078	2,243	113
Marine Fishes (n.e.i.)	8,300	14,200	10,600	20,900	4,486	3,620
Marine Molluscs (n.e.i.)	200	500	400	800	260	1,063
Sub Total	92,900	98,600	93,500	104,956	146,209	137,389
Other Species	8,500	9,100	8,700	10,144	11,904	29,708
Grand Total	101,400	107,700	102,200	115,100	158,113	167,097

Source: F.A.O. Yearbook of Fishery Statistics, Volume 42, 1976

TABLE 2

BULGARIA: INTERNATIONAL TRADE IN FISHERIES
PRODUCTS WITH 24 SELECTED COUNTRIES, 1974

(Quantity (Q) in metric tons, Values (V) in thousand U.S. dollars)

EXPORTS

	Q	V
FRESH AND FROZEN		
Belgium - Luxembourg	15	75
France	152	784
W. Germany	260	73
Yugoslavia	1,611	528
TINNED AND PREPARED		
Belgium - Luxembourg	30	26
W. Germany	44	43
Italy	36	26
Austria	75	66
Greece	618	336

IMPORTS

FRESH, FROZEN AND PRESERVED		
Greece	307	77
Yugoslavia	296	262
TINNED AND PREPARED		
Greece	50	58

GERMAN DEM. REP.

Table 1 Fish Landings, 1971 - 1976

Table 2 Canadian Trade in Fishery Products with G.D.R., 1976 and 1977

TABLE 1

57.

GERMAN DEM. REP. FISH LANDINGS

(metric tons)

	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>
Freshwater Breams NEI	2,400	700	300	302	300 ^{1/}	563 ^{1/}
Common Carp	8,800	9,200	9,900	9,966	9,964 ^{1/}	9,962 ^{1/}
Roaches	2,000	1,200	1,200	1,508	767 ^{1/}	1,705 ^{1/}
Alewife	8,400	3,500	1,600	2,659	2,122	1,260
Greenland Halibut	10,700	10,100	15,500	35,017	27,541	10,627
European Flounder	2,300	3,000	3,300	2,301	2,039	2,631
Atlantic Cod	34,700	41,000	40,300	39,247	47,812	29,394
Saithe	32,800	26,400	20,600	35,563	34,916	14,104
North Pacific Hake	-	-	4,800	1,246	10,573	26,905
Roundnose Grenadier	1,300	600	2,600	4,645	3,643	719
Atlantic Redfishes	28,300	15,300	15,400	32,054	34,965	25,109
Atlantic Herring	64,900	108,600	128,500	108,734	107,310	69,907
European pilchard	3,400	1,500	2,600	3,352	5,858	9,755
Sprat	16,100	14,000	13,000	14,168	16,702	14,015
Atlantic Mackerel	69,400	81,100	78,700	63,107	58,178	42,918
Other	<u>52,600</u>	<u>19,400</u>	<u>26,300</u>	<u>9,107</u>	<u>11,849</u>	<u>19,675</u>
Total	338,100	335,600	364,600	362,976	374,539 ^{1/}	279,249 ^{1/}

^{1/} FAO Estimate

Source: FAO Yearbook Fishery Statistics, Vol. 42

TABLE 2

58.

CANADIAN TRADE IN FISHERY PRODUCTS WITH G.D.R.

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	1976		1977	
	Q.	V.	Q.	V.
<u>CANADIAN EXPORTS</u>				
Herring fillets, frozen	-	-	266	184
TOTAL	-	-	266	184
<u>CANADIAN IMPORTS</u>				
	-	-	-	-

Source: Exports by Commodities, Statistics Canada, cat. #65-004

NORWAY

Table 1	Essential Market Data
Table 2	Landings and Values, 1976 and 1977
Table 3	Utilization of Catch, 1976 and 1977
Table 4	Canadian Trade in Fishery Products with Norway, 1976 and 1977
Table 5	External Trade in Fish and Fish Products, 1976 and 1977
Table 6	Norwegian Imports of Major Fisheries Products, 1976
Table 7	Norwegian Exports of Major Fishery Products, 1976

TABLE 1

COUNTRY NORWAY

ESSENTIAL FOREIGN MARKET DATA

60.

Population: 3.96 millions (1973) 1976= 4.05
 Per Capita Fish Consumption: 17.9 kg (1970), 11.5 (1973) Source: "Fisheries of the U.S." NOAA
 Total Market: 45.5 '000 tons (1973)

LANDINGS: ('000 tons)

Total: 2,311.8 (1965), 2,980.4 (1970), 2,388.3 (1974)

1974 by main species: Capelin: 1029.5 - mackerel 287.3 - Norway pout: 257.7 - cod: 234.2 - saithe: 119.6 - horse mackerel 87.3 - sandeel: 78.0 - herring 74.8 - haddock 53.9

Landings in ICNAF area (1974): 59.0

UTILIZATION: 1974 Total Landings for Food 25%, for non food 75%

1974 by Major Product Groups ('000 tons and %):

Fresh: 51.3 (2%) Reduction: 1798.1 (75%)

Freezing 279.5 (12%)

Curing 235.5 (10%)

Canning 24.0 (1%)

EXPORTS: (1974) Source: Fisheries report #7 from IT&C

Product	'000 tons	million \$	Countries	69.7
Fish meal & fish flour	281.8		Britain & N. Ireland	
Frozen fillets of fish	73.9		" " "	29.4
Klipfish	48.4		Brazil	16.4
Herring & brisling incl. fillets	17.5		Britain & N. Ireland	1.0
Salted fish	22.5		Spain	6.1
TOTAL	577.6	517.2		

EXPORTS TO CANADA: (1975) Source: Annual Statistical Review

Product	tons	million \$
Fish, salted and/or dried, n.e.s.	404	1.0
Sardines, canned	489	0.9
Fish & marine animal oil n.e.s.	630	0.4
TOTAL	-	3.0

IMPORTS: (1974) Source: Fisheries report #7

Product	'000 tons	million \$	Countries
Herring oil & other fish oils	45.3		U.S.A. 18.3
Frozen brisling	14.9		Britain 9.3
Preserved herring spice salted	5.6		Britain 4.3
Sperm oil	4.3		Japan 4.0
Wet salted cod	3.3		Denmark 3.2
TOTAL	95.1	51.9	

IMPORTS FROM CANADA: (1974)

Product	tons	million \$
Molluscs, n.e.s. not canned	400	
Frozen salmon	70	
Salted herring, n.e.s.	50	
Canned crab	28	
Processed frozen shrimp	33	
TOTAL	-	-

Source: Fisheries report #7 from IT&C

TABLE 1

NORWAYLANDINGS AND VALUES1976 AND 1977Quantity : tons (landed)
Value : 1,000 N.KR.

	1976		1977	
	Quantity	Value	Quantity	Value
TOTAL LANDINGS	3,183,183	2,793,852	3,160,050	2,901,400
For direct human consumption (food fish) ..	588,385	1,634,787	570,720	1,739,302
<u>Species</u> : Cod	279,038	940,317	287,200	1,040,770
Other groundfish species ...	187,517	434,131	172,730	419,232
Herring and sprat	42,848	71,248	33,160 ^{a)}	79,348
Mackerel	29,746	41,185	33,210	49,965
Other	49,236	147,906	44,370	149,937
For other purposes (e.g. reduction to fishmeal and oil, including bait)	2,567,155	972,727	2,561,230	993,118
<u>Species</u> : Capelin	1,958,069	671,344	2,105,015	751,496
Herring and sprat	107,739	55,591	20,700 ^{b)}	10,602
Mackerel	187,349	124,139	141,140	104,535
Other	313,998	121,653	294,375	126,485
Shellfish (crustaceans and molluscs) ...	27,643	186,338	28,100	168,980
<u>Species</u> : Shrimps	25,267	173,112	25,800	157,800
Other	2,376	13,226	2,300	11,180

(a) of which 10,572 tons sprat.

(b) of which 125 tons herring.

TABLE 2

NORWAYUTILISATION OF CATCH1976 AND 1977

Quantity : landed tons
 % = Percentage of total landings

How marketed	1976		1977	
	Quantity	%	Quantity	%
Fresh, chilled	73,519	2.3	59,350	1.9
Frozen	277,327	8.7	274,190	8.7
Cured (salted, smoked, dried)	247,372	7.8	244,130	7.7
Canned	17,810	0.5	21,150	0.6
Reduced to meal and/or oil, etc.	2,561,440	80.5	2,555,828	80.9
Bait	5,715	0.2	5,402	0.2
TOTAL	3,183,183	100.0	3,160,050	100.0

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 3

63.

CANADIAN TRADE IN FISHERY PRODUCTS WITH NORWAY

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	Q.	1976 V.	Q.	1977 V.
<u>CANADIAN EXPORTS</u>				
Shrimp and prawn, fresh and frozen	15	69	155	659
Fish and marine animal oil, n.e.s.	1,774	566	1,250	633
Seal skins (Q. = '000 skins)	(78)	2,009	(86)	2,200
Other products	<u>588</u>	<u>717</u>	<u>661</u>	<u>788</u>
TOTAL	2,377	3,361	2,066	4,280
<u>CANADIAN IMPORTS</u>				
Shrimp and prawn, fresh or frozen	-	-	901	597
Fish, salted and/or dried, n.e.s.	718	1,794	347	1,008
Sardine, canned	517	1,549	643	2,130
Fish liver and Visceral oil, pharmaceutical	n.a.	113	n.a.	191
Other products	<u>257</u>	<u>299</u>	<u>113</u>	<u>207</u>
TOTAL	1,492	3,755	2,004	4,133

Source: Exports by Commodities, Statistics Canada, cat. #65-004
Imports by Commodities, Statistics Canada, cat. #65-007

TABLE 4

NORWAYEXTERNAL TRADE IN FISH AND FISH PRODUCTS1976 AND 1977

Quantity : '000 m.t. product weight
Value : N.Kr. million

	IMPORTS				EXPORTS*			
	1976		1977		1976		1977	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total fish and fish products	46	161	42	136	920	3,599	963	4,310
Fresh, chilled	1	8	1	12	24	103	15	119
Frozen	14	39	15	21	129	819	123	963
Salted, dried, smoked..	9	46	4	17	90	1,077	97	1,117
Shellfish (fresh, chilled, salted, dried	2	17	6	37	11	128	14	184
Canned	1	14	1	14	19	227	19	239
Meal	-	-	-	-	425	743	469	1,099
Oil	11	26	10	26	151	291	142	329
Other	8	11	5	9	71	211	84	260

* Excluding hardened fat from fish and aquatic mammals (1976: 47,000 tons, 138 mill. N.Kr.)
(1977: 54,000 tons, 191 mill. N.Kr.)

TABLE 5

NORWEGIAN IMPORTS OF MAJOR FISHERIES PRODUCTS

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	Q.	1976 V.
Salmon, frozen	172	1,216
North Sea herring, frozen	226	110
Frozen herring, n.o.p.	1,243	249
Sprat, frozen	7,614	1,228
Cod, frozen	1,517	629
Haddock fillets, fresh	185	278
Cod fillets, fresh	475	645
Flatfish fillets, frozen, n.o.p.	102	317
Cod-like fillet species, frozen n.o.p.	556	479
Herring fillets, frozen	61	44
Fillets, frozen, n.o.p.	379	239
North Sea herring, salted, n.o.p.	938	281
Herring salted, n.o.p.	393	173
Cusk, salted	727	624
Cod, salted	3,107	5,363
Saithe, salted	400	319
Ling, salted	341	475
Lobster, fresh and frozen	45	411
Shrimp, frozen	714	1,057
Shellfish and molluscs, fresh or frozen, n.o.p.	1,322	560
Canned anchovies	181	811
Canned kippers	5	11
Canned gaffelbiter	81	470
Canned fish, n.o.p.	223	449
Herring, spice-salted	2,694	1,440
Caviar substitutes	73	214
Canned crab	57	347
Canned lobster	1	11
Processed shrimps, frozen	315	1,264

TABLE 5 (CONT'D)

66.

NORWEGIAN IMPORTS OF MAJOR FISHERIES PRODUCTS (CON'D)

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	Q.	1976 V.
Sperm and bottlenose oil	5,068	4,247
Seal oil	1,212	475
Fish liver oil, n.o.p.	88	214
Herring and other fish oils, n.o.p.	4,564	1,887

TABLE 6

67.

NORWEGIAN EXPORTS OF MAJOR FISHERY PRODUCTS

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	1976	
	Q.	V.
Herring and brisling, including fillets, fresh, iced or frozen	29,618	10,992
Other fresh or iced fish, including fillets	11,580	19,121
Other frozen fish, excluding fillets	25,288	24,903
Frozen fish fillets, excluding herring	87,348	130,302
Salted herring	4,072	4,638
Other salted fish	8,455	13,208
Stockfish	18,350	82,840
Klipfish	52,921	101,675
Shellfish, not canned	8,151	14,120
Herring and other fish oils	132,521	47,824
Fish liver oils	15,822	8,563
Canned fish	18,332	44,065
Non-hermetically preserved fish	21,790	32,579
Non-hermetically preserved shellfish	2,916	14,164
Fish meal	415,524	145,741

Source: Annual Fisheries Reviews - 1977
Industry, Trade and Commerce

POLAND

Table 1	Essential Market Data
Table 2	Poland Fish Landings, 1971 - 1976
Table 3	Canadian Trade in Fishery Products with Poland, 1976 and 1977

TABLE 1

COUNTRY POLAND

ESSENTIAL FOREIGN MARKET DATA

69.

Population: 33.36 million (1973) 1976 - 34.36
 Per Capita Fish Consumption: 64 kg (1970), (197)
 Total Market: '000 tons (197)

LANDINGS: ('000 tons) Source FAO

Total: 297.5 (1965), 469.3 (1970), 800.7 (1975)

1975 by main species: Atl. herring 117.5 - Atl. mackerel 98.2 - Atl. cod 96.7 -
 sardines 76.9 - sprat 72.0 - North Pacific hake 57.2 - saithe 40.2 - cape hakes 37.1
 cape horse mackerel 28.6 - capelin 26.4 common carp 14.3 -

Landings in ICNAF area (1975): 188.

UTILIZATION: 1974 Total Landings for Food 86.1%, for non food 14.1%

1974 by Major Product Groups ('000 tons and %):

Prod'n: fish fresh, chilled or frozen 197.5 (53%)
 fish dried salted or smoked 62.9 (16%)
 fish products & preparations, whether or not in airtight cont. 68.2 (18%)
 Oils and fats 4.7 meals 49.3 (14%)

EXPORTS: (1975) Source FAO

Product	'000 tons	million \$	Countries
Fish, fillets, frozen	22.7	18.1	Dem. Rep. Germ. 4.7
various fishes, frozen	61.8	19.0	Nigeria 15.9
Fish prod. & preparations	2.9	3.4	
TOTAL	87.7	40.8	

EXPORTS TO CANADA: (1975)

Product	tons	million \$	
Seafish n.e.s. fresh/frozen	290	0.5	Annual Statistical Review
Cod	205	0.3	
TOTAL	n.a.	0.8	

IMPORTS: (1975) Source FAO

Product	'000 tons	million \$	Countries
fish, fresh, chilled or frozen	50.1	8.8	
fish, dried salted or smoked	15.9	6.9	
fish, production & preparation	8.5	13.6	
Oils and fats	23.5	12.8	
Meals	139.2	34.4	
TOTAL	217.2	76.6	

IMPORTS FROM CANADA: (1975)

Product	tons	million \$	
Herring, whole or dressed			
pickled n.e.s.	2114	0.7	Annual Statistical Review
TOTAL	n.a.	n.a.	

TABLE 2
POLAND FISH LANDINGS

70.

(metric tons)

	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>
Freshwater Bream	2,800	3,200	3,300	2,249	3,161	4,222
Common Carp	10,200	13,000	13,700	13,308	14,295	14,141
Freshwater Fishes NEI	4,700	5,600	4,600	7,203	5,669	5,848
Greenland Halibut	26,300	23,000	14,400	13,793	13,164	9,508
Witch Flounder	5,400	4,000	11,800	6,202	4,584	4,063
European Flounder	4,100	5,000	4,500	5,124	5,139	4,394
Atlantic Cod	86,300	101,200	81,700	97,589	96,665	101,370
Haddock	100	1,500	3,700	6,971	3,129	2,589
Saithe	6,100	1,500	12,100	26,779	40,238	40,149
North Pacific Hake	-	-	1,900	44,354	57,246	25,722
Cape Hakes	-	3,100	36,900	32,341	37,126	58,267
Atlantic Redfishes	11,300	4,900	5,700	6,158	9,457	8,200
Capelin	-	Ø	3,400	9,476	26,419	15,121
Atlantic Horse Mackerel	600	2,000	3,900	5,850	2,348	3,026
Cape Horse Mackerel	-	Ø	8,500	9,719	28,610	43,551
Jack and Horse Mackerel NEI	9,900	10,200	8,000	4,610	5,935	10,689
Atlantic Herring	136,200	100,500	114,700	112,643	117,511	84,953
European Pilchard	1,700	2,200	15,500	23,973	76,918	106,692
Sprat	31,800	38,900	49,900	62,027	71,958	66,551
Chub Mackerel	3,100	4,700	1,800	2,934	2,478	7,675
Atlantic Mackerel	123,300	155,700	128,400	123,031	98,167	74,976
Marine Fishes NEI	23,400	24,700	5,900	13,221	11,667	11,883
Squids NEI	-	5,400	9,600	6,747	6,864	7,623
Other	<u>30,300</u>	<u>33,700</u>	<u>35,700</u>	<u>42,652</u>	<u>61,989</u>	<u>38,859</u>
Total	517,600	544,000	579,600	678,954	800,737	750,072

Source: FAO Yearbook Fishery Statistics, Vol. 42

TABLE 3

71.

CANADIAN TRADE IN FISHERY PRODUCTS WITH POLAND

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	1976		1977	
	Q.	V.	Q.	V.
<u>CANADIAN EXPORTS</u>				
Herring, whole or dressed, fresh or frozen	698	214	7,520	1,098
Herring, whole or dressed, pickled, n.e.s.	3,530	718	2,347	615
Fish meal	<u>11</u>	<u>62</u>	<u>1,757</u>	<u>609</u>
TOTAL	4,239	994	11,624	2,322
<u>CANADIAN IMPORTS</u>				
Cod, fresh or frozen	202	277	195	425
Seafish, n.e.s., fresh or frozen	172	354	51	80
Fish steaks, blocks, etc., fresh or frozen	272	226	-	-
Other products	<u>6</u>	<u>6</u>	<u>4</u>	<u>9</u>
TOTAL	652	863	250	514

Source: Exports by Commodities, Statistics Canada, cat. #65-004
Imports by Commodities, Statistics Canada, cat. #65-007

PORTUGAL

Table 1	Essential Market Data
Table 2	Landings and Values, 1976 and 1977
Table 3	Utilization of Catch, 1976 and 1977
Table 4	Canadian Trade with Portugal, 1976 and 1977
Table 5	External Trade in Fish and Fish Products, 1976 and 1977
Table 6	Portuguese Fish and Shellfish Imports, 1976
Table 7	Codfish Imports for 1975 and 1976

ESSENTIAL FOREIGN MARKET DATA

73.

Population: 8.56 million (1973) 1975= 8.76
Per Capita Fish Consumption: 23.0 kg (1970), 22.8 (1973) Source: "Fisheries of the U.S." NOAA
Total Market: 195.2 '000 tons (1973)

LANDINGS: ('000 tons) Source: FAO

Total: 553.6 (1965), 498.4 (1970), 428.0 (1974)

1974 by main species: Atl. cod 158.1 - sardine 75.1 - marine fishes 52.0 - Atl. horse
mackerel 50.6 - cape hakes 13.5 - chub mackerel 10.2 -

Landings in ICNAF area (1974): ...145.0.

UTILIZATION: 1974 Total Landings for Food⁸⁹%, for non food¹¹%

197 4 by Major Product Groups ('000 tons and %):

Marketing fresh 220.9 (57%) reduction 43.4 (11%)

Marketing freezing 22.8 (6%)

Marketing curing 47.3 (12%)

Marketing, canning 55.6 (14%)

EXPORTS: (1974) Source FAO

<u>Product</u>	<u>'000 tons</u>	<u>million \$</u>	<u>Countries</u>
Fish fresh/chilled/frozen	3.1	3.6	.....
Meals solubles & similar feeding stuffs	3.1	0.6	.....
Oils & fats, crude/refined of aquatic animal origin	10.0	4.1	.....
Fresh products & preparations, whether or not in airtight cont.	30.3	45.1	.....
TOTAL	48.4	56.2	.....

EXPORTS TO CANADA: (1975)

<u>Product</u>	<u>tons</u>	<u>million \$</u>
Seafish, n.e.s. fresh/frozen	742	1.1
Sardine, canned	175	0.4
Shellfish, n.e.s. fresh/frozen ..	<u>189</u>	<u>0.3</u>
TOTAL	-	2.4

Source: Annual Statistical
Review Vol. 8
page 118

IMPORTS: (1974) Source: FAO

<u>Product</u>	<u>'000 tons</u>	<u>million \$</u>	<u>Countries</u>
Fish fresh, chilled/frozen	57.2	51.9	.....
Fish dried, salted/smoked	14.9	34.0	.....
Meals, solubles & similar animal feeding stuffs	12.2	4.4	.....
Crush. & moll. fresh/frozen/ dried/salted	9.6	12.9	.....
TOTAL	95.1	104.3	.....

IMPORTS FROM CANADA: (1973)

[illegible]

Source: Fisheries Report
no. 3 from IT&C

TABLE 2

PORTUGALLANDINGS AND VALUES1976 AND 1977

Quantity: landed tonnes
Value : '000 Escudos

	1976		1977	
	Quantity	Value	Quantity	Value
TOTAL LANDINGS	286.569	6,439,193	253,052	6,329,040
For direct human consumption .	178,553	4,930,495	158,000 ^a)	4,841,000 ^a)
For other purposes (that is, reduction to meal and oil, etc.)	99,238	935,694	87,400 ^a)	918,000 ^a)
Shellfish (crustaceans and molluscs)	8,778	573,004	7,652 ^a)	570,040 ^a)

(a) Rough estimate

TABLE 3

PORTUGALUTILISATION OF CATCH
1976 AND 1977

Quantity : tonnes (landed)
% = Percentage of total landings

How marketed	1976		1977 (a)	
	Quantity	%	Quantity	%
Fresh, chilled	152,529	53.2	165,000	65.2
Frozen	35,903	12.5	17,200	6.8
Dried, smoked or salted	51,829	18.1	31,200	12.3
Canned	36,223	12.6	29,752	11.8
Reduced to meal and/or oil, etc.	10,085	3.6	9,900	3.9
Other	-	-	-	-
TOTAL	286,569	100.0	253,052	100.0

(a) Rough estimate:

TABLE 4

76.

CANADIAN TRADE WITH PORTUGAL

(Quantity (Q) in metric tons, Values (V) in thousands of dollars)

	<u>1976</u>		<u>1977</u>	
	Q.	V.	Q.	V.
<u>CANADIAN EXPORTS TO PORTUGAL:</u>				
Cod, heavy salted, 43% or less, m.c.	260	476	1,211	2,107
Other products	<u>18</u>	<u>22</u>	<u>9</u>	<u>14</u>
TOTAL:	278	498	1,220	2,121
<u>CANADIAN IMPORTS FROM PORTUGAL:</u>				
Seafish, n.e.s., fresh or frozen	1,155	1,007	1,054	1,562
Shrimps and prawn, fresh or frozen	3	11	97	443
Shellfish, n.e.s., fresh or frozen	115	221	195	382
Fish, salted and/or dried, n.e.s.	134	287	129	192
Anchovy, canned	49	171	20	73
Sardine, canned	171	330	227	454
Fish and fish products, n.e.s., canned	55	89	54	128
Other products	<u>46</u>	<u>72</u>	<u>98</u>	<u>178</u>
TOTAL:	1,728	2,188	1,874	3,412

TABLE 5

PORTUGALEXTERNAL TRADE IN FISH AND FISH PRODUCTS

Quantity: tonnes
Value: '000 Escudos

	IMPORTS				EXPORTS			
	1976		1977		1976		1977	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total fish and fish products ...	124,048	3,459,863	89,290	2,842,363	49,745	1,834,131	38,776	2,097,507
Fresh or chilled	29,837	1,379,486	23,838	1,290,969	1,355	84,599	2,040	125,826
Frozen	29,963	494,816	38,058	524,678	2,277	40,032	826	28,390
Dried, smoked or salted	13,195	809,661	10,475	657,032	97	4,742	157	8,347
Shellfish (fresh, frozen, salted, dried)	13,256	375,324	5,004	139,303	1,665	78,143	1,223	75,296
Canned	172	7,853	23	1,516	35,709	1,539,698	29,639	1,672,932
Meal	25,308	246,660	11,736	222,005	739	4,770	-	-
Oil	12,306	143,805	33	1,177	7,312	72,392	4,073	59,345
Other	11	2,258	123	5,633	591	9,755	818	127,371

TABLE 6

PORTUGUESE FISH AND SHELLFISH IMPORTS 1976
Quantities (Q) in Metric Tons, Values (V) in Thousand Escudos

78.

	<u>Percent of Total</u>			
	<u>Q</u>	<u>V</u>	<u>Q</u>	<u>V</u>
Fish, fresh, chilled, frozen	59,798.2	1,874,302	69.3	61.2
Fish, dried, salted in brine or smoked	13,195.2	809,661	15.3	26.5
Shellfish, fresh, chilled, frozen	13,256.1	375,324	15.4	12.3
Total Fish and Shellfish	86,249.5	3,059,287	100.0	100.0
Tuna, fresh, chilled, frozen	4,507.0	87,241	7.5	4.7
Cod, fresh, chilled, frozen	31,372.3	1,406,452	52.4	75.0
Sardine, fresh, chilled, frozen	3,864.1	22,898	6.5	1.2
Hake, fresh, chilled, frozen	17,426.2	306,220	29.1	16.3
Others freshm chilled, frozen	2,603.8	42,680	4.3	2.2
Fishes live for aquarium	23.5	8,575	0.2	0.5
Other Fish live	1.4	235	0.0	0.0
Sub Total	59,798.2	1,874,302	100.0	100.0
Cod, dried	12,807.2	799,642	97.0	98.8
Other Species dried	3.3	78	0.0	0.0
Tuna in brine	135.9	2,956	1.0	0.4
Anchovy in brine	179.5	4,422	1.4	0.5
Other in brine	2.2	261	0.0	0.0
Other species salted	63.2	1,424	0.5	0.2
Other species smoked	4.0	878	0.0	0.1
Sub Total	13,195.2	809,661	100.0	100.0
Lobsters, fresh, chilled, frozen	177.1	9,571	1.3	2.6
Oysters, fresh, chilled frozen	5.5	237	0.0	0.0
Shrimps, fresh, chilled, frozen	1321.8	108,545	10.0	28.9
Cuttlefish and squid, fresh, chilled	3456.9	98,744	26.0	26.3
Other Shellfish, fresh, chilled	7990.6	147,684	60.3	39.3
Shellfish, dried powder	21.9	363	0.2	0.1
Shellfish, dried	1.9	706	0.0	0.2
Cuttlefish and Squid salted	194.5	6,294	1.5	1.6
Other Shellfish, salted	85.9	3,178	0.6	0.8
Shellfish cooked in Sauce	.0	4	0.0	0.0
Sub Total	13,256.1	375,324	100.0	100.0

Note: Fresh may include live fish and shellfish.

TABLE 7

79.

CODFISH IMPORTS FOR 1975 AND 1976

	<u>1975</u>			<u>1976</u>		
	Metric Tons			Can.\$		
	<u>Dried</u>	<u>Wet Salted</u>	<u>Chilled or Frozen Fillets</u>	<u>Dried</u>	<u>Wet Salted</u>	<u>Chilled or Frozen Fillets</u>
CANADA	518	-	-	1,025,574	-	-
Denmark	-	6,508	669.8	-	9,784,814	714,343
Spain	763	4,824	272.9	1,678,130	5,893,750	271,953
France	2	137	13.3	5,166	248,460	14,186
Britain	15	-	-	43,870	-	-
Iceland	2,504	20,583	1,685.2	4,691,507	34,963,816	1,880,506
Norway	8,153	2,125	-	15,543,633	3,348,962	-
Sweden	-	-	424.7	-	-	19,147
Total	11,955	34,177	3,065.9	22,987,880	54,239,802	2,900,135
<u>1976</u>						
CANADA	-	18	-	-	32,390	-
Denmark	-	494	-	-	1,032,503	-
Spain	-	1,894	-	-	1,732,414	-
Iceland	1,519	25,500	-	2,990,458	50,979,687	-
Norway	9,899	3,732	-	26,284,485	6,105,515	-
Total	11,418	31,638	-	29,274,943	59,882,509	-

Note:-Escudos converted to dollars at 0.041 (exchange rate - October 1975) for both 1975 and 1976. Fluctuations in the exchange rate were not accounted for, in order to show the changes in prices.

-Information on imports of frozen cod for 1976 is not available.

ROMANIA

- Table 1 Romanian Fish and Shellfish Landings, Selected Species,
 1971 - 1976
- Table 2 Canadian Imports from Romania, 1976-1977
- Table 3 Romania: International Trade in Fisheries Products
 with 24 Selected Countries, 1974

TABLE 1
ROMANIAN FISH AND SHELLFISH LANDINGS, SELECTED SPECIES

	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>
	Metric Tons					
Common Carp	16,000	23,700	20,700	25,944	22,891	28,323
Freshwater fish (n.e.i.)	14,500	9,400	19,500	13,666	21,459	19,527
Black Sea Shad	900	700	1,300	2,879	4,147	2,734
Atlantic Cod	2,800	2,700	2,700	3	5	32
Black Sea Cod	400	400	300	1,305	346	541
Cape Hake	1,000	-	-	-	-	1,117
Seabreams	300	1,500	1,300	1,500	447	273
Atlantic Horse Mackerel	-	-	-	-	1,326	5,786
Mediterranean Horse Mackerel	1,200	500	600	608	1,003	1,514
Cape Horse Mackerel	-	-	-	-	-	5,683
Jack & Horse Mackerel	4,700	13,800	29,100	34,540	26,412	13,476
Jacks, Trevallies	3,500	5,800	1,400	4,727	3,079	668
Atlantic Herring	900	2,200	300	2,019	1,691	427
Sardinellas (n.e.i.)	600	3,300	4,100	1,188	1,821	622
European Pilchard	-	-	100	21,275	34,939	18,118
Sprat	1,300	2,300	2,200	1,245	731	1,621
European anchovy	1,900	3,300	1,500	1,560	613	2,749
Chub Mackerel	4,900	6,700	6,200	4,986	9,409	2,462
Atlantic Mackerel	4,500	2,500	5,900	6,966	2,240	17,544
Marine Fishes (n.e.i.)	4,800	1,600	500	273	392	555
Sub Total:	64,200	80,400	97,700	124,684	132,951	123,772
Other Species	3,600	4,000	4,200	4,621	3,673	3,425
Grand Total	67,800	84,400	101,900	129,305	136,624	127,197

Source: F.A.O. Yearbook of Fishery Statistics, Volume 42, 1976

TABLE 2

82.

ROMANIA

Q. - in metric tons

V. - in thousand \$

	1976		1977	
	Q.	V.	Q.	V.
<u>CANADIAN EXPORTS TO ROMANIA:</u>	-	-	-	-
<u>CANADIAN IMPORTS FROM ROMANIA:</u>				
Freshwater fish, n.e.p. fresh or frozen	122	418	28	105
Other products	28	93	-	-
Total	150	501	28	105

TABLE 3

83.

ROMANIA: INTERNATIONAL TRADE IN FISHERIES
PRODUCTS WITH 24 SELECTED COUNTRIES, 1974

(Quantity (Q) in metric tons, Values (V) in thousand U.S. dollars)

	<u>EXPORTS</u>	
	Q	V
FRESH AND FROZEN		
Canada	139	469
Puerto Rico	n.a.	302
France	238	559
W. Germany	61	92
Italy	49	44
Austria	23	71
Sweden	16	52
TINNED AND PREPARED		
Japan	n.a.	41
W. Germany	9	87
Finland	40	32
Greece	454	315
	<u>IMPORTS</u>	
FRESH AND FROZEN		
Yugoslavia	26	32
TINNED AND PREPARED		
France	18	66
Greece	51	42

SPAIN

Table 1	Essential Market Data
Table 2	Landings and Values, 1976 and 1977
Table 3	Utilization of Catches, 1976 and 1977
Table 4	Canadian Trade in Fishery Products with Spain, 1976 and 1977
Table 5	Spanish Exports/Imports of Fishery Products, 1976
Table 6	External Trade in Fish and Fish Products, 1976-1977

COUNTRY SPAIN

85.

Per Capita Fish Consumption: 13.5 kg (1970), 17.0 (1972) Source: "Fisheries of the U.S." NOAA

Total Market: 586.3 '000 tons (1972)

Total: 1,355.1 (1965), 1,473.5 (1970), 1,500.4 (1974)

1974 by main species: Marine fishes n.e.i. 187.3 - cape hakes 176.6 - sardine 136.5 -
Atl. cod 168.1 - blue mussel 95.4 - European hake 64.7 - European anchovy 48.9 - octopuses
n.e.i. 75.8 - Atl. horse mackerel 70.7 - common cuttlefish 39.9

Landings in ICNAF area (1974): 184.0.....

1974 by Major Product Groups ('000 tons and %):

Marketing fresh	518.1 (44%)	reduction	117.7 (10%)
Marketing freezing	227.3 (19%)		
Marketing curing	96.6 (8%)		
Marketing canning	217.8 (18%)		

Product	'000 tons	million \$	Countries
Fish fresh, chilled/frozen	47.7	32.2	U.S. (tuna 14.4)
Fish dried/salted/smoked	23.8	45.9	(Portugal) cod salted 6.3
Crust. & moll. fresh/froz./dried/ salted	70.5	62.4	Japan (squid 55.0)
Fish prod. & prep. whether or not in containers	43.9	57.3	 (pilchard 29.5)
Crust. & moll. whether or not in containers	6.3	10.2	.....
TOTAL	195.7	208.6	

<u>Product</u>	<u>tons</u>	<u>million \$</u>
Sardine, canned	252	0.4
Anchovy, canned	100	0.5
Fish & fish prod. n.e.s. canned	145	0.5
TOTAL	547	1.2

<u>Product</u>	<u>'000 tons</u>	<u>million \$</u>	<u>Countries</u>
Fish, fresh, chilled/frozen.....	69.1	43.0	Iceland (anchovies 8.6)
Fish, dried/salted/smoked...salted	32.2	50.0	" (fish salted not dried)
Crus. & moll. fresh/froz. dried/...	79.7	65.1	Fed. Rep. Germany (other...)
Meals, soln. es & similar animal	49.3	17.7	Peru (achoveta meal 28.5)
Oils & fnts crude or refined	3.6	2.1	
TOTAL	257.3	183.1	

[illegible]

TABLE 2

SPAINLANDINGS AND VALUES1976 AND 1977

Quantity : tonnes

Value : '000 pts.

	1976		1977	
	Quantity	Value	Quantity	Value
Cod	126,838.2	2,873,436.6	80,362.5	2,725,380.5
Haddock	1,057.3	23,578.3	782.6	26,412.1
Hake	101,806.7	5,678,257.9	99,534.9	7,486,535.1
Little hake	164,579.6	12,051,609.7	146,017.4	16,116,030.3
Anchovy	78,266.7	2,707,686.0	82,199.0	3,770,180.3
Tuna	30,961.3	1,486,304.9	9,486.2	730,229.0
Albacore	24,966.0	2,250,630.3	27,091.8	3,881,141.3
Blue whiting	21,633.7	622,899.2	22,446.6	799,836.6
"Besugo"	12,853.1	1,006,152.1	11,383.3	1,272,673.9
Bogue	8,889.9	98,363.0	9,390.8	146,639.6
Atlantic bonito	3,624.5	303,366.1	2,530.1	292,975.1
Forkbeard	1,533.9	101,446.8	1,285.9	122,470.2
Mackerel	38,012.9	428,215.8	33,087.9	655,811.0
Large-eyed dentex ..	2,642.0	79,091.9	3,153.1	129,402.3
Squid	31,851.9	3,296,393.5	13,768.5	1,315,492.7
Conger	3,770.0	225,110.3	3,997.3	315,911.7
Pout	9,181.9	388,823.9	6,265.6	482,778.4
Megrim	15,778.8	1,260,966.2	12,583.7	1,620,468.5
Prawn	31,928.8	2,356,824.0	9,900.3	4,238,722.0
Horse mackerel	129,549.0	1,228,311.3	120,346.9	1,509,472.9
Skipjack	9,437.5	318,681.9	716.4	40,170.8
Black pomfret	12,789.7	500,184.9	13,661.0	755,432.1
Swordfish	4,282.8	608,117.2	4,652.1	857,062.8
Octopus	128,098.0	8,321,920.0	53,987.5	2,728,087.6
Yellowfin tuna	225.6	9,235.8	366.7	20,032.0
Anglerfish	16,456.3	1,371,900.0	14,901.5	1,723,484.2
Goatfish	5,106.2	815,739.9	3,756.7	841,515.5
Sardine	192,856.1	2,126,281.0	189,236.9	2,884,503.5
Others	332,197.6	20,482,772.5	402,466.8	29,711,977.9
TOTAL	1,535,176.0	73,022,293.0	1,379,369.0	87,200,630.0

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 3

SPAINUTILISATION OF CATCHES
1976 AND 1977

How marketed	1976		1977	
	Quantity Tns	%	Quantity Tns	%
Fresh, chilled	470,448.7	34.72	401,016.0	32.07
Frozen	269,396.7	19.88	258,375.2	20.66
Salted, smoked, dried	42,279.2	3.12	36,343.2	2.91
Canned	357,418.0	26.38	374,802.0	29.97
Reduction to meal and/or oil etc.	206,069.0	15.21	172,755.0	13.82
Other	9,387.5	0.69	7,157.3	0.57
TOTAL	1,354,899.1	100	1,250,449.4	100

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 4

88.

CANADIAN TRADE IN FISHERY PRODUCTS WITH SPAIN

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	1976		1977	
	Q.	V.	Q.	V.
<u>CANADIAN EXPORTS</u>				
Salmon, chum, frozen, whole, dressed	15	57	20	81
Salmon, coho, frozen, whole, dressed	5	21	-	-
Salmon, spring, frozen, whole, dressed	5	26	10	66
Cod, heavy salted, 46-50 p.c. moisture	68	130	-	-
Salmon, sockeye, canned	0	0	-	-
Shellfish, fresh or frozen, n.e.s.	34	18	-	-
Seal skins (Q. = number)	(18)	2	-	-
Crabs canned	-	-	3	32
TOTAL	127	254	33	179
<u>CANADIAN IMPORTS</u>				
Anchovy, canned	115	432	344	1,670
Sardine, canned	368	479	364	618
Fish and fish products n.e.s., canned	196	278	202	369
TOTAL	765	1,340	1,023	2,946

Source: Exports by commodities, Statistics Canada, cat. #65-004
Imports by commodities, Statistics Canada, cat. #65-007

TABLE 5

89.

SPANISH EXPORTS OF FISHERY PRODUCTS

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	1976	
	Q.	V.
Fish, fresh, chilled or frozen	53,900	40.0
Fish, dried, salted or in brine	21,039	31.5
Crustaceans and molluscs, fresh, chilled or frozen, salted, in brine or dried	<u>89,285</u>	<u>97.1</u>
TOTAL	164,224	168.7

SPANISH IMPORTS OF FISHERY PRODUCTS

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	1976	
	Q.	V.
Fish, fresh, chilled or frozen	29,686	41.5
Fish, dried, salted or in brine	12,134	19.9
Crustaceans and molluscs, fresh, chilled or frozen, salted, in brine or dried	<u>84,867</u>	<u>87.2</u>
TOTAL	126,687	148.4

Source: Annual Fisheries Review - 1977
Industry, Trade and Commerce

TABLE 6

SPAINEXTERNAL TRADE IN FISH AND FISH PRODUCTS

Quantity : tonnes
Value : \$'000 (69.60 Pts. = \$1)

	IMPORTS				EXPORTS			
	1976		1977		1976		1977	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total fish and fish products ..	138,556	148,291	127,966	170,210	233,084	235,580	189,742	253,305
Fresh, chilled .	40,408	35,238	17,861	23,815	14,927	8,070	16,413	8,812
Frozen	73,961	84,946	73,511	97,962	128,147	120,114	98,063	114,341
Salted, dried, smoked	12,115	18,552	15,752	31,349	21,012	29,181	13,350	27,177
Canned	2,627	5,047	3,114	7,957	61,682	75,192	57,872	99,698
Meal	3,819	1,229	9,646	4,461	79	29	776	609
Oil	3,973	1,480	6,497	2,658	5,998	2,310	2,393	1,496
Other	1,653	1,799	1,585	2,008	1,239	684	875	1,172

Source: Review of Fisheries in OECD Member Countries - 1977

U.S.S.R.

Table 1	Essential Market Data
Table 2	Fish Landings, 1971 - 1976
Table 3	Canadian Trade in Fishery Products with U.S.S.R., 1976 and 1977
Table 4	U.S.S.R. Exports/Imports of Major Fishery Products, 1976

TABLE 1

COUNTRY U.S.S.R.ESSENTIAL FOREIGN MARKET DATA

92.

Population: 249.75 million (1973) 1976- 256.70
 Per Capita Fish Consumption: 10.2 kg (1970), (197) Source: "Fisheries of the U.S."
 Total Market: '000 tons (197) NOAA

LANDINGS: ('000 tons) Source: FAO

Total: 5099.9 (1965), 7252.2 (1970), 9235.6 (1974)

1974 by main species: Alaska pollock: 1754.2 - Atl. cod: 719.6 - capelin 378.9 -
 jack & horse mackerel: 365.2 - Atl. mackerel 364.9 - sardinellas: 342.2 - kilka: 340.9 -
 Pac. herring: 304.9 - cape hakes: 298.4 - Atl. mackerel: 277.5 - marine fishes: 225.3 -
 European anchovy: 264.9 - Atl. herring 212.3 - silver hake: 208.3

Landings in ICNAF area (1974): 1,157.0

UTILIZATION: 1974 Total Landings for Food ..89....%, for non food ..11....%

1974 by Major Product Groups ('000 tons and %):

fish fresh, chilled or frozen: 3085.1 (59%) Meal: 506.1 (10%)
 fish dried, salted or smoked: 700.2 (13%)
 fish products & preparations, whether or not in airtight containers 887.2 (17%)
 Oil: 73.9 (1%)

EXPORTS: (1974) Source: FAO

Product	'000 tons	million \$	Countries
Fish fresh, chilled or frozen...	358.0	84.1	Japan (36.8)
Fish dried, salted or smoked	13.0	10.5	Cuba (10.0)
Fish prod. & prep. whether or not canned	25.0	42.6	Czechoslovakia (5.4)
Oils & fats	5.0	1.3	
Meals	10.1	4.4	
TOTAL	411.8	162.1	

EXPORTS TO CANADA: (1975)

Product	tons	million \$	Source: Imports by Commodities, Statistics Canada
Fish & fish prod. canned n.e.s.	19	21	
TOTAL	n.a.	n.a.	

IMPORTS: (1975) Source: FAO

Product	'000 tons	million \$	Countries
Saithe fillets, frozen	7.5	n.a.	Iceland
Redfish, fillets, frozen	8.7	n.a.	
Cod, whole	3.2	n.a.	
TOTAL	19.4	26.6	

IMPORTS FROM CANADA: (1975)

Product	tons	million \$
TOTAL	n.a.	n.a.

TABLE 2
U.S.S.R. FISH LANDINGS

(metric tons)

93.

	GROUP GROUPE GRUPO	1971	1972	1973	1974	1975	1976
FRESHWATER BREAM	ABRAMIS BRAMA	11	52300	59400	64800	58500	51116
COMMON CARP	CYPRINUS CARPIO	11	69900	82800	90500	91700	114163
ROACHES	RUTILUS SPP	11	38000	38000	40200	27900	35218
CYPRINIDS NEI	CYPRINIDAE	11	2500	2600	4000	4400	2972
NORTHERN PIKE	ESUX LUCIUS	13	17700	16200	15300	16600	17112
SGM CATFISH	SILURUS GLANIS	13	16200	15100	14600	16200	18153
PIKE-PERCH	SITOSTEDION LUCIOPERCA	13	30100	36700	35700	29800	25140
FRESHWATER GOBIES	Gobiidae	13	1400	2400	1600	2100	1193
FRESHWATER FISHES NEI		13	239700	172100	185900	153100	293524
STURGEONS	ACIPENSERIDAE	21	19100	20400	20700	21700	24832
EUROPEAN EEL	ANGUILLA ANGUILLA	22	600	600	1100	1227	768
WHITEFISHES NEI	COREGONUS SPP	23	19200	23100	25100	25748	25858
ATLANTIC SALMON	SALMO SALAR	23	600	600	700	1926	1345
PINK (=HUMBACK) SALMON	ONCORHYNCHUS GORBUSCHA	23	61100	20800	65000	32100	88415
CHUM (=KETA=UGG) SALMON	ONCORHYNCHUS KETA	23	12600	7400	5600	9200	7691
SOKEYE (=RED) SALMON	ONCORHYNCHUS NEKA	23	2400	1100	1700	1000	1399
CHINOOK (=SPRINGKING) SALMON	ONCORHYNCHUS TSHAWYTSCHA	23	2000	2200	2200	1800	2229
COHO (=SILVER) SALMON	ONCORHYNCHUS KISUTCH	23	4400	1900	2200	3900	3210
EUROPEAN SMELT	OSMERUS SPERLANUS	23	7800	6300	6000	5574	5346
RAINBOW SMELT	OSMERUS MOROAX	23	6200	3100	300	100	93
SMELTS NEI	OSMERUS SPP, HYPOMESUS SPP	23	3200	4700	4400	11500	5518
SALMONIDS NEI	SALMONIDAE	23	2300	2200	5500	5500	2898
ALBAFISH	ALOSA PSEUDOHARENGUS	24	11300	6800	1400	9617	2196
BLACK SEA SHAG	CASPIALOSA PENIICA	24	700	700	900	1700	1538
CASPIAN SHAGS NEI	CASPIALOSA SPP	24	2000	300	1000	7400	416
CLUPEONELLA	CLUPEONELLA DELICATULA	24	520100	513800	461900	388300	437800
ATLANTIC HALIBUT	HIPPOGLOSSUS HIPPOGLOSSUS	31	200	100	100	218	272
PACIFIC HALIBUT	HIPPOGLOSSUS STENOLEPIS	31	0	300	0	100	190
GREENLAND HALIBUT	REINHARDTUS HIPPOGLOSSOIDES	31	33900	57300	37100	54791	64075
KAMCHATKA FLOUNDER	ATHERESTHES EVERMANNI	31	9100	6200	4800	20900	22278
WITCH FLOUNDER	GLYPHOCEPHALUS CYMOGLOSSUS	31	-	-	-	13885	15419
APER. PLAICE (=LONG ROUGH JAB)	HIPPOGLOSSOIDES PLATESSOIDES	31	-	-	-	27490	20738
YELLOWTAIL FLOUNDER	LIMANDA FERRUGINEA	31	-	-	-	7353	4561
WINTER FLOUNDER	PSEUDOPLEURONECTES AMERICANUS	31	-	-	-	1631	1091
SOUTHEAST ATLANTIC SOLES	AUSTROGLOSSUS SPP	31	1000	100	100	237	16
FLATFISHES NEI	PLEURONECTIFORMES	31	272800	194000	124400	54383	50638
ATLANTIC COD	GADUS MORHUA	32	283000	353000	551000	726878	531195
PACIFIC COD	GADUS MACROCEPHALUS	32	101200	49300	23900	37900	46596
LING	MOLVA MOLVA	32	0	0	-	0	-
RED HAKE	UROPHYCIS CHUSS	32	40000	72700	63900	32837	29735
WHITE HAKE	UROPHYCIS TENUIS	32	-	1700	400	590	1169
HADDOCK	MELANGRAMMUS AEGLEFINUS	32	84700	164000	214700	172148	168059
*ACHNA COD (=NAVAGA)	ELEGINUS NAVAGA	32	16900	22000	26400	33349	33218
NEW ZEALAND RED COD	PHYSICULUS BACHUS	32	-	-	-	-	655
SAITHE (=POLLOCK)	POLLACHIS VIRENS	32	152100	104800	39600	126112	126236
ALASKA POLLOCK	THERAGRA CHALCOGRAMMA	32	361900	1029400	1339200	1754200	1958116
POLAR COD	BOREOGADUS SAIDA	32	331900	166400	79400	125111	63124
NORWAY POLT	TRISOPTERUS (=GADUS) ESMARKII	32	-	-	-	-	7889
PCUTASSOL (=BLUE WHITING)	MICROMESISTIUS PCUTASSOU	32	63700	13200	8200	2187	18090
SOUTHERN PCUTASSOU	MICROMESISTIUS AUSTRALIS	32	10400	25800	48500	47300	4136
WHITING	MERLANGIUS MERLANGUS	32	500	700	3600	2985	5162
EUROPEAN HAKE	MERLUCCIIUS MERLUCCIIUS	32	400	300	1600	368	146
SILVER HAKE	MERLUCCIIUS BILINEARIS	32	217200	215700	412000	208317	204942
PACIFIC SILVER (=CHILEAN) HAKE	MERLUCCIIUS GAYI	32	-	28100	39200	-	-
PATAGONIAN (=ARGENTINE) HAKE	MERLUCCIIUS HLBBSI	32	2500	100	-	2100	-
NORTH PACIFIC HAKE	MERLUCCIIUS PROCUCTUS	32	176700	117300	152900	158500	158047
CAPE HAKES	MERLUCCIIUS CAPENSIS, M. PARAGONYX	32	334600	655600	398300	208408	209125
SENEGAL, MAURITANIAN HAKES	MERLUCCIIUS SENEGAL, M. CADENATI	32	4800	18100	68900	79200	67590
HOUDON, GRENADIAN HAKES	MACRURUS RUPESTRIS	32	82600	31800	20600	54219	57980
GREENADERS	MACRURUS SPP	32	600	7300	3900	14100	37295
SILVER SHELTS	ARGENTINA SPP	33	5500	38100	1700	37172	16052
MARINE CATFISHES	ARILUS (=TACHYSIRUS) SPP	33	-	400	6400	6100	214
MARINE CATFISHES NEI	ARILIDAE	33	1600	1400	1700	2300	1301
CONGENS NEI	CONGRIDAE	33	200	700	2700	700	324
STICKLEBACKS	GASTEROSTEUS SPP	33	-	-	5000	5612	9144
ALFONSIOS	ZEUS SPP	33	100	600	-	400	1137
JOHN DORY	ZEUS FABER	33	3200	3100	5800	2897	1051
GROUPERS NEI	EPINEPHELUS SPP	33	1200	2700	4000	4900	2713
SEABASSES, SEAPERCHES	SERRANIDAE	33	-	200	360	203	322
SNAPPERS	LUTJANUS SPP	33	1400	1100	1300	1500	1253
SNAPPERS NEI	LUTJANIDAE	33	200	300	2100	2300	262
GRUNTS (=GALINER) NEI	OMMADASIIDAE	33	4500	119300	154300	43500	85834
WEST AFRICAN CACAKERS	PSEUDOCICLITHUS SPP	33	3900	3500	4700	7203	5520
CROAKERS, URUMS NEI	SCIAENIDAE	33	2100	2400	5100	6400	3420
POGIES	GALAMUS SPP	33	400	6000	300	300	5842
LARGESIDE DENTEX	DENTEX MACROCEPHALUS	33	10900	15800	11500	5709	3039
DENTEX NEI	DENTEX SPP	33	23900	29400	40300	46300	32992
SLUP	STENOTOMUS CHRYSOPS	33	600	700	500	388	-
SEADREAMS NEI	SPARIDAE	33	51600	56200	72500	53668	52644
JURMULETS (=RED MULLET)	MULLUS SPP	33	100	200	100	100	113
ATLANTIC WOLFFISH (=PLATFISH)	ANARHICHAS LUPUS	33	11700	12100	21800	30075	23402
WOLFFISHES (=CATFISHES)	ANARHICHAS SPP	33	2600	3700	2800	2936	4466
EELPULT	ZOARCES VIVIPARUS	33	12500	10800	13500	18615	13003
OCEAN POUT	MACROZANES AMERICANUS	33	3900	1100	3200	483	-
WINGKLEP	GENYPTERUS CAPENSIS	33	-	-	-	-	447
ATLANTIC GOBIES	Gobiidae	33	6300	5800	6700	3288	12123
PACIFIC GOBIES	Gobiidae	33	20100	20500	31800	25400	10705
PACIFIC OLAN-PEKCH	LEASTES ALLIUS	33	59900	52300	30500	31600	28577
ATLANTIC HERRING	SELAESTES SPP	33	130700	152700	130400	144152	315379

Source: FAO Yearbook of Fishery Statistics, Vol. 42

TABLE 2 (CONT'D)
U.S.S.R. FISH LANDINGS

(metric tons)

94.

	GROUP GROUPE GRUPO	1971	1972	1973	1974	1975	1976
EAST ATLANTIC CUNNARCS	TRIGLA SPP	33	-	-	-	-	-
ATLANTIC SEARGBINS	PRIONOTUS SPP	33	2500	6000	17197	7372	2021
ATKA MACKEREL	PLEUROGRAMMUS AZONUS	33	36600	40700	34600	62700	123435
SAULEFISH	MICROPLOMA FIMBRIA	33	4700	3200	2100	2300	1194
SCULPINS	MYXOCEPHALUS SPP	33	1500	6500	6400	1349	293
ANGLEFISH (=MONKFISH)	LOPHIUS PISCATORIUS	33	-	-	-	-	472
AMERICAN ANGLER (=GULLSEFTISH)	LOPHIUS AMERICANUS	33	17200	7000	14900	12444	20798
DEMERSAL PSEUDOMORPHS NEI		33	285700	174400	71800	19765	61693
CAPELIN	MALLOTUS VILLOSUM	34	25100	106300	267300	378838	708686
ATLANTIC SALRY	SCOMBERESOX SAURUS	34	2100	3400	2500	1551	-
PACIFIC SAURY	COLLABIS SAIRA	34	42900	46500	50300	50900	59031
BARRACUDAS	SPHYRAENA SPP	34	-	5100	4000	5500	4331
MULLET	MUGILIOAE	34	1000	1200	1300	1100	1102
BLUEFISH	POMATOMUS SALTATRIX	34	3700	4900	5100	7027	4787
ATLANTIC HORSE MACKEREL	TRACHURUS TRACHURUS	34	57000	107800	134300	120244	122014
JAPANESE JACK MACKEREL	TRACHURUS JAPONICUS	34	3600	1200	300	800	71
CHILEAN JACK MACKEREL	TRACHURUS MURPHYI	34	-	5500	-	-	-
CAPE HORSE MACKEREL	TRACHURUS CAPENSIS	34	59100	18900	206800	115072	179192
JACK AND HORSE MACKERELS NEI	TRACHURUS SPP	34	334000	356500	347900	365200	342683
JACKS, TREVALLIES	CARANX SPP	34	700	1000	1300	2500	1021
ATLANTIC MCHFTSH	VOMER SETAPINNIS	34	1000	500	12200	15900	7123
ATLANTIC BUTTERFISH	PEPRILUS TRIACANTHUS	34	500	1900	2300	1372	789
INDO-PACIFIC POMFRETS	STROMATEUS, STROMATEOIDES SPP	34	-	-	-	-	43
PELAGIC PERCOMORPHS NEI		34	2700	4000	4100	6000	4942
ATLANTIC HERRING	CLUPEA HARENGUS	35	244100	212200	251900	212254	205458
PACIFIC HERRING	CLUPEA PALLASI	35	310600	325000	379900	304900	327901
SPANISH SARDINE (=SARDINELLA)	SARDINELLA AGNOVIA	35	3000	9700	200	100	-
SARDINELLAS NEI	SARDINELLA SPP	35	163600	136200	204800	342700	416571
SOUTH AFRICAN PILCHARD	SARDINOPS OCELLATA	35	1100	700	900	695	450
EUROPEAN PILCHARD (=SARDINE)	SARDINA PILCHARDUS	35	-	4300	200	1443	3558
SPRAT	SPRATTUS SPRATTUS	35	135800	153200	155300	183985	164580
EUROPEAN ANCHOVY	ENCRAULIS ENCRASIGCLUS	35	147200	129000	154000	264400	201886
CLUPEGIDS NEI	CLUPECIGEI	35	-	-	1000	-	2
ATLANTIC BONITO	SAROA SAROA	36	100	200	0	1400	1542
SAILFISH	ISTIOPHYCUS PLATYPTERUS	36	0	0	0	100	7
BLUE MARLIN	MAKARA NIGRICANS	36	0	100	100	1200	34
SWORDFISH	XIPHIAS GLADIUS	36	200	200	200	1400	286
TUNA-LIKE FISHES NEI		36	3000	6000	7100	7974	6745
LARGE-HEAD MAITAIL	TRICHIURUS LEPTURUS (=MAUPELAI)	37	22500	33500	24500	40710	22152
CHUB (=SPANISH) MACKEREL	SCOMBER JAPONICUS	37	195600	303200	323400	364913	314507
ATLANTIC MACKEREL	SCOMBER SCOMBRUS	37	176400	217500	267200	277455	449549
INDIAN MACKERELS	RASTRELLIGER SPP	37	0	700	1100	1300	719
MACKEREL-LIKE FISHES NEI		37	600	600	600	300	223
SHARKS NEI	SQUALIFORMES	38	12100	13600	14200	20444	22331
SKATES NEI	RAJA SPP	38	21500	23300	16400	14275	24825
VARIOUS SHARKS		38	14700	18400	16300	20540	11331
MARINE FISHES NEI		39	235200	246700	174800	225351	239175
FRESHWATER CRUSTACEANS NEI		41	1200	1100	1000	1000	1153
KING CRABS	PARALITHOODES SPP	42	25700	18200	19700	17900	15796
PACIFIC SNOW CRABS	CHIONOCETES SPP	42	700	1700	3300	3900	3189
NORTHERN DEEPWATER PRAWN	PANDALUS SCREALIS	45	-	-	-	3220	5040
COMMON SHRIMP	CRANGON CRANGON	45	...	...	...	...	980
MARINE CRUSTACEANS NEI		47	6600	6200	13500	6612	8103
LONG-FINNED SQUID	LOLIGO PELEI	57	...	...	...	...	...
SHORT-FINNED SQUID	ILLEX ILLECEBROSUS	57	13400	8800	18000	8560	22562
SQUIDS NEI	LOLIGINIDAE, OMMASTREPHIDAE	57	15100	14400	11800	17575	17031
MARINE MOLLUSCS NEI		58	54200	43200	27200	41302	35232
NORTH PACIFIC FUR SEAL	CALLORHINUS URSINUS	64	-	-	-	-	-
AQUATIC INVERTEBRATES NEI		76	4900	4500	4600	1785	4525
TOTAL		5	7337000	7756900	8618800	9235594	9935606
ICTAL		5	7337000	7756900	8618800	9235594	9935606

Source: FAO Yearbook of Fishery Statistics, Vol. 42

TABLE 3

95.

CANADIAN TRADE IN FISHERY PRODUCTS WITH U.S.S.R.

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	1976		1977	
	Q.	V.	Q.	V.
<u>CANADIAN EXPORTS</u>	-	-	-	-
<u>CANADIAN IMPORTS</u>	-	-	-	-

Source: Exports by Commodities, Statistics Canada, cat. #65-004

TABLE 4

96.

U.S.S.R. EXPORTS OF MAJOR FISHERY PRODUCTS

(Quantities (Q) in thousand tons, Values (V) in million rubles)

	Q.	1976 V.
Fish	470.3	89,035
Canned fish (mln. conventional cans)	95.5	35,765
Canned salmon (mln. conventional cans)	17.3	10,720
Canned crab meat (mln. conventional cans)	6.3	13,357
Caviar (ton) including: black caviar	114	5,895
red caviar	42	666
caviar from other species of fish such as pollock, herring, etc.	1,439	1,160

U.S.S.R. IMPORTS OF MAJOR FISHERIES PRODUCTS

	Q.	1976 V. '000 rubles
Fish and fish products (ton)	24,645	20,292
Fish (ton)	21,662	12,789
Fish fillets (ton)	9,470	7,221
Black caviar (kg)	96,295	3,103

CUBA

Table 1 Cuba Fish Landings, 1971 - 1976

Table 2 Canadian Trade in Fishery Products with Cuba, 1976 and 1977

TABLE 1

CUBA FISH LANDINGS^{1/}

98.

(metric tons)

	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>
Freshwater Fishes NEI	200	100	200	500	500	500
Silver Hake	300	1,000	900	-	-	16,345
Pacific Hake	900	-	6,100	11,200	11,200	11,200
Cape Hakes	38,300	48,000	24,100	20,479	29,630	29,630
Grunts	6,800	6,200	2,400	2,000	2,000	2,000
Red Grouper	5,600	5,800	5,500	4,000	4,000	4,000
Cape Horse Mackerel	4,600	6,700	10,400	-	-	-
Marine Fishes NEI	19,700	21,100	48,700	73,500	73,500	73,500
Caribbean Spiny Lobster	9,200	9,300	9,000	10,100	10,100	10,100
Atlantic Pink Shrimp	4,700	6,200	6,300	7,500	7,500	7,500
Other	<u>35,700</u>	<u>35,200</u>	<u>36,400</u>	<u>35,700</u>	<u>35,700</u>	<u>49,221</u>
Total	126,000	139,600	150,000	164,979	174,130	203,996

^{1/} 1975 data are available but have not been incorporated for technical reasons. Therefore 1974 catch data are repeated under 1975 and 1976, except for (a) the 1975 figure of Cape hakes and (b) the 1976 data for all species caught in area 21.

Source: FAO Yearbook of Fishery Statistics, Vol. 42

TABLE 2

99.

CANADIAN TRADE IN FISHERY PRODUCTS WITH CUBA

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	1976		1977	
	Q.	V.	Q.	V.
<u>CANADIAN EXPORTS</u>				
Fish and fish products, canned, n.e.s.	-	-	42	129
TOTAL	-	-	42	129
<u>CANADIAN IMPORTS</u>				
Lobster, fresh or frozen	895	10,887	1,026	13,687
Shrimp and prawn, fresh or frozen	1,002	4,552	1,463	7,676
Tuna, n.e.s., canned	113	218	18	41
Other products	175	47	19	63
TOTAL	2,185	15,704	2,526	21,467

Source: Exports by Commodities, Statistics Canada, cat. #65-004
Imports by Commodities, Statistics Canada, cat. #65-007

JAPAN

Table 1	Essential Market Data
Table 2	Total Landings, 1976 and 1977
Table 3	Landings and Prices by Major Species at Markets of Producing centres, 1976 and 1977
Table 4	Summary of Catches by Species, 1973 - 1975
Table 5	Utilization of Catch, 1976 and 1977
Table 6	Summary of Processed Fishery Production, 1973 - 1975
Table 7	Production of Processed Fisheries (on land basis), 1973 - 1975
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Table 9	Production of Canned Fish, 1973 - 1975
Table 10	Annual Consumption of Marine Products, 1965 - 1975
Table 11	Canadian Trade in Fishery Products with Japan, 1976 and 1977
Table 12	External Trade in Fish and Fish Products, 1976 and 1977 (Imports)
Table 13	External Trade in Fish and Fish Products, 1976 and 1977 (Exports)
Table 14	Summary of Japan's Imports of Marine Products, 1975 and 1976
Table 15	Exports of Marine Products, 1976

TABLE 1

COUNTRY JAPAN

ESSENTIAL FOREIGN MARKET DATA

101.

Population: ... 108.70 million (1973) 1976 = 112.77
 Per Capita Fish Consumption: ... 32.1 kg (1970), ... 36.4 (1973)
 Total Market: ... 3956.7 '000 tons (1973)

LANDINGS: ('000 tons)

Total: ... 6,947.8 (1965), ... 9,366.4 (1970), ... 10,508.5 (1975)

1975 by main species: Alaska pollock: 2677.4 - chub mackerel: 1318.0 - sardines 526.0 -
 marine fishes n.e.s. 472.4 - Japanese flying squid: 370.4 - brown seaweeds 294.7 - red
 seaweeds 290.2 - Pac. sand. lance 274.8 - skipjack tuna 258.7 - Jap. anchovy 245.2

Landings in ICNAF area (1975): ... 25

UTILIZATION: 1975 Total Landings for Food ... 84...%, for non food ... 16...%

1975 by Major Product Groups ('000 tons and %):

fresh and frozen 3297.0 (31%)

curing 4926.0 (47%)

canning 684.0 (6%)

reduction, etc. 1600.0 (16%)

EXPORTS: (1975) Source: FAO

Product	'000 tons	million \$	Countries
Fish, fresh/chilled/frozen	155.0	113.1	Oth. fish froz. (U.S. 39.1)
Crust. & moll. fr./froz. dried salted	52.8	36.9	Octopus (Mauritania 102)
Fish prod. & prep. whether or not in airt. containers	266.9	273.3	Mackerel (194.0)
Oils and fats	78.9	25.1	Neth. 51.3
Meals	49.3	18.8	
TOTAL	593.4	490.0	

EXPORTS TO CANADA: (1975)

Product	tons	million \$	Annual Statistical Review
Tuna, n.e.s. canned	5587	9.1	
Tuna, flake pack, canned	2680	5.6	
Clam, canned	1392	1.6	
TOTAL	n.a.	22.2	

IMPORTS: (1975) Source: FAO

Product	'000 tons	million \$	Countries
Fish fresh/chilled/frozen	241.2	328.1	
Crust. & moll. fr./froz. dried/salted	287.5	697.9	
Crust. & moll. wh. or not in cont.	21.5	49.6	
Meals	70.6	19.7	
TOTAL	642.8	1218.1	

IMPORTS FROM CANADA: (1975)

Product	tons	million \$	Annual Statistical Review
Herring, roe, fresh/froz./cured	4672	24.3	
Fish roe, fresh/froz. cured	658	6.8	
Herring, wh./dressed, frozen	5429	3.4	
Smolt, freshwater, wh. or dressed	5005	1.6	
TOTAL	n.a.	39.2	

TABLE 2

JAPANTOTAL LANDINGS 1976 AND 1977

Year	Total	Sea fisheries and shallow sea cultures						Inland water fisheries and cultures		
		Sub-total	Sea fisheries				Shallow sea culture	Sub-total	Fisheries	Cultures
			Sub-total	Distant water	Off-shore	Coastal				
1976	10,656	10,455	9,605	2,949	4,656	2,000	850	201	124	77
1977	10,698	10,490	9,649	2,643	4,873	2,133	841	208	126	82
1976/77 (in %)	100	100	100	90	105	107	99	103	102	106

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 3

JAPAN

LANDINGS AND PRICES BY MAJOR SPECIES AT MARKETS OF PRODUCING CENTRES1976 AND 1977

	Landings ('000 tons)			Prices (\$ U.S./kg)		
	1976	1977	1977/76	1976	1977	1977/76
TOTAL	5,261	5,384	102 %	0.48	0.62	129.2 %
Alaska pollack	1,385	1,007	73	0.12	0.29	241.7
Mackerel	714	1,073	150	0.24	0.27	112.5
Sardine or pilchard	712	965	136	0.11	0.13	118.2
Tuna	28	24	86	1.96	2.52	128.6
Skipjack	72	65	90	0.98	1.31	133.7
Saury	76	204	268	0.68	0.78	114.7
Horse Mackerel	84	54	64	1.13	2.10	185.8
Flounder	76	65	86	0.78	1.19	152.6
Squid	59	41	69	1.23	1.60	125.0

Note: Showing data according to provisional, partial statistics covering only 66 major ports.

The data of tuna showing fresh yellowfin tunas.

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 4

JAPANSUMMARY OF CATCHES BY SPECIES

(Unit: Metric tons)

<u>Species</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>GRAND TOTAL</u>	<u>10,762,644</u>	<u>10,808,220</u>	<u>10,545,148</u>
<u>Total Marine Fisheries</u>	<u>9,793,029</u>	<u>9,749,031</u>	<u>9,573,068</u>
<u>Sea Fish</u>	<u>8,561,554</u>	<u>8,446,279</u>	<u>8,243,093</u>
<u>Tuna</u>	<u>341,818</u>	<u>348,950</u>	<u>310,616</u>
Bluefin Tuna	48,534	50,460	40,716
Albacore	95,113	97,163	68,861
Bigeye Tuna	104,974	101,755	113,445
Yellowfin Tuna	75,681	75,845	71,939
Young Tuna & Other Tuna	17,516	23,727	15,655
<u>Swordfish & Marlin</u>	<u>46,693</u>	<u>48,712</u>	<u>50,561</u>
Striped Marlin	14,546	16,153	18,487
Broadbill Swordfish	13,517	13,444	16,048
Black and white Marlin	12,073	12,074	10,611
Sailfish	6,557	7,041	5,415
Skipjack	321,617	346,895	258,736
Frigate Mackerel	34,726	26,678	14,904
Sharks	42,481	39,941	41,880
<u>Salmon</u>	<u>136,009</u>	<u>132,531</u>	<u>159,150</u>
Chum, Red, Silver & King	81,706	97,197	109,842
Pink and Cherry	54,303	35,334	49,308
Herring	82,658	76,273	66,617
Sardine	296,864	351,684	526,047
Round Herring	40,422	46,164	43,936
Anchovy	335,425	287,516	245,164
'Shirasu' (Larvae)	58,251	39,308	47,052
Jack Mackerel	128,054	165,494	186,592
Scads	54,666	50,235	49,647
Common Mackerel	1,134,502	1,330,625	1,318,210
Saury	406,445	135,462	221,573

...../2

TABLE 4 (CONT'D)

<u>Species</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>Sea Fish (Cont'd)</u>			
Yellowtail	52,916	40,977	38,316
Bostard Halibut	8,954	8,037	7,171
Other Flounder, Halibut & Sole	379,590	348,714	341,163
Common Cod (Pacific)	108,513	108,399	92,370
Akaska Pollack	3,020,870	2,855,896	2,677,371
Atka Mackerel	114,986	143,500	114,706
'Menuke' Rockfishes	100,732	111,190	82,465
'Kichiji' Rockfishes	10,476	11,773	12,942
Sandfish	30,508	34,021	33,508
Deep Sea Smelt	11,484	11,289	9,686
<u>Croakers</u>	<u>45,481</u>	<u>51,775</u>	<u>45,107</u>
Yellow Croaker	17,046	20,184	12,565
Other Croakers	28,435	31,591	32,542
Lizard Fishes	24,103	21,987	21,118
Butter Fish	18,522	8,454	15,909
Sharp Toothed Eel	18,833	17,970	20,190
Hairtail (Cutlass fish)	41,592	39,262	32,423
'Hobo' Gurnard	5,051	5,609	5,071
Skate and Ray	7,539	6,424	7,684
<u>Sea Breams</u>	<u>20,317</u>	<u>29,553</u>	<u>28,970</u>
Red Sea Bream	18,689	18,046	16,941
Crimson Sea Bream	2,687	2,366	1,659
Yellow Sea Bream	5,313	5,342	4,933
Black Sea Bream	3,628	3,804	5,437
Spanish Mackerel (King Mackerel)	14,220	21,149	14,633
Dolphin Fish	15,106	12,108	10,911

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...../3

TABLE 4 (CONT'D)

<u>Species</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>Sea Fish (Cont'd)</u>			
Flying Fish	9,919	10,003	9,017
Mullet	6,083	6,017	8,373
Common Sea Bass	6,278	8,239	9,561
Sand Launce	193,994	299,855	274,850
Others	824,852	807,605	789,628
<u>Marine Animals</u>	<u>747,837</u>	<u>793,926</u>	<u>817,708</u>
<u>Lobster, Prawn and Shrimp</u>	<u>62,316</u>	<u>78,914</u>	<u>69,337</u>
Spiny Lobster	1,327	1,289	1,086
'Kuruma' Prawn	2,780	2,653	2,895
Other Lobster, Prawn & Shrimp	58,209	74,972	65,356
<u>Crab</u>	<u>85,008</u>	<u>90,590</u>	<u>76,283</u>
King Crab	6,179	5,461	1,823
'Zuwai' (Tanner) Crab	33,381	30,066	24,201
Blue Crab	3,066	3,491	4,229
Other Crab	42,362	51,572	46,030
<u>Squid and Cuttlefish</u>	<u>486,257</u>	<u>469,967</u>	<u>530,927</u>
Common Squid	347,566	335,018	378,344
Cuttle Fish	12,225	19,190	15,517
Other Squid and Cuttle Fish	126,496	117,759	137,066
Octopus	63,764	76,731	73,962
Sea Urchin (Whole weight)	26,004	23,573	22,482
Sea Cucumber	10,573	10,817	9,380
Other Marine Animals	20,885	43,334	35,337
<u>Shell Fish</u>	<u>260,706</u>	<u>308,719</u>	<u>279,726</u>
Abalone	5,839	4,971	5,416
Top Shell (Whelk)	10,200	10,005	10,344

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TABLE 4 (CONT'D)

<u>Species</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>Shell Fish (Cont'd)</u>			
Hard Clam	5,142	10,233	4,084
Short Necked Clam	114,459	137,719	122,052
Hen Clam	3,448	3,312	3,497
Common Scallop	22,208	25,207	30,274
'Mogai' Clam	20,180	36,530	18,489
Other Shell Fishes	79,230	80,742	85,684
<u>Sea Weeds</u>	<u>221,185</u>	<u>198,041</u>	<u>231,019</u>
'Konbu' (Kelp "Laminaria")	130,537	119,405	157,760
'Wakame' (Undaria)	26,340	20,098	19,200
'Tengusa (Agar)	16,640	13,414	12,104
'Funori' (Gloiopeltis Tenax)	1,036	959	511
Other Seaweeds	46,632	44,165	41,444
<u>Marine Mammals</u>	<u>1,747</u>	<u>2,066</u>	<u>1,522</u>
<u>Shallow Sea Cutlure</u>	<u>790,974</u>	<u>879,761</u>	<u>772,741</u>
Young Yellowtail	80,269	92,685	92,352
Swellfish	17	8	11
Sea Bream	2,673	3,493	4,435
Filefish	253	51	17
Jack Mackerel	378	672	945
Other Sea Fishes	179	160	236
Octopus	56	54	41
'Kuruma' Prawn	653	911	936
Blue Crab	0	5	0
Sea Squirts	4,675	5,036	6,313

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TABLE 4 (CONT'D)

<u>Species</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>Shallow Sea Culture (Cont'd)</u>			
Pearl Oyster	34	30	30
Common Oyster (with shell)	229,899	210,583	201,173
Scallop	39,372	62,673	70,256
Other Shellfish	298	132	114
'Nori' (laver - green weight)	311,410	339,314	278,127
'Wakame' (undaria)	113,159	153,762	102,058
'Kombu' (Kelp)	7,648	10,677	15,696
<u>Fresh Water Fish</u>	<u>114,212</u>	<u>112,329</u>	<u>127,220</u>
Salmon	3,008	2,948	6,959
Trout (land-locked)	1,885	1,667	1,760
Pond Smelt	3,595	3,445	3,054
'Ayu' Sweet Fish	11,356	12,268	13,951
'Shirauo' Ice Fish	1,093	677	643
Common Carp	5,244	5,698	6,699
Crucian Carp	10,208	9,347	9,890
'Ugui' Minnow	4,544	4,797	5,104
Eel	2,107	2,083	2,202
Other Fresh Water Fishes	17,065	16,390	18,627
Shellfishes	45,934	43,874	47,793
Marine Animals	8,429	8,570	9,905
Weeds	674	565	633

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TABLE 4 (CONT'D)

<u>Species</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>Fresh Water Culture</u>	<u>64,027</u>	<u>67,099</u>	<u>72,119</u>
Carp	26,406	26,323	28,129
Crucian Carp	1,369	841	968
Trout	16,422	17,631	16,725
Eel	14,862	17,077	20,749
'Ayu' Sweet Fish	4,428	4,712	4,991
Other Fish & Animals	533	507	551
Freshwater Pearl Oyster	6.8	6.9	6.2

109.

Source: Annual Fisheries Review - 1977
 Industry, Trade and Commerce

TABLE 5

JAPANUTILISATION OF CATCH1976 AND 1977

'000 tons

	1976		1977	
	Quantity	%	Quantity	%
Fresh, chilled	1,837	35	1,839	35
Frozen	1,211	23	1,282	24
Cured (salted, smoked, dried)	534	10	459	8
Canned	164	3	217	4
Reduced to meal and/or oil, etc.	540	10	680	13
Others (kneaded)	973	19	842	16
TOTAL	5,261	100	5,369	100

Note: The data show quantity of live weight supplied just after landing, according to provisional, partial statistics covering only 66 major ports.

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 6

111.

JAPANSUMMARY OF PROCESSED FISHERY PRODUCTION

Unit: Metric tons

	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>GRAND TOTAL:</u>	<u>6,495,809</u>	<u>6,358,212</u>	<u>6,519,871</u>
On Land Basis	4,813,011	4,695,141	4,906,331
On Board	1,682,796	1,663,071	1,613,540
<u>Edible Products:</u>	<u>2,270,724</u>	<u>2,244,130</u>	<u>2,327,948</u>
Pasted & Processed	1,187,468	1,148,701	1,154,970
Dried	45,212	45,820	47,734
Salted & Dried	211,216	228,635	242,709
Boiled & Dried	79,186	81,774	79,930
Smoked	9,422	9,708	8,276
Filletted & Dried	113,668	118,805	120,310
Salted & Packed	223,925	215,475	255,520
(Land Basis)	(186,818)	(187,365)	(214,612)
(On Board)	(37,107)	(28,110)	(40,908)
Other Processed Products	292,370	283,014	292,140
Frozen Prepared Food	108,255	112,193	126,359
<u>Frozen Products</u>	<u>3,076,712</u>	<u>2,965,572</u>	<u>2,980,554</u>
(Land Basis)	(1,693,424)	(1,582,790)	(1,631,759)
(On Board)	(1,383,288)	(1,382,782)	(1,348,795)
<u>Inedible Products:</u>	<u>1,148,373</u>	<u>1,148,512</u>	<u>1,211,369</u>
Oil & Fats	172,963	185,862	176,582
(Land Basis)	(96,553)	(116,064)	(115,119)
(On Board)	(76,410)	(69,798)	(61,463)

...../2

TABLE 6 (CONT'D)

	<u>1973</u>	<u>1974</u>	<u>1975</u>
Feed & Fertilizers	975,410	962,650	1,034,787
(Land Basis)	(789,419)	(780,269)	(872,413)
(On Board)	(185,991)	(182,381)	(162,374)
Canned Products (1,000 Actual Cases)	<u>33,291</u>	<u>35,715</u>	<u>34,407</u>

112.

Source: Annual Fisheries Review - 1977
Industry, Trade and Commerce

TABLE 7

JAPAN

PRODUCTION OF PROCESSED FISHERIES
(On land basis)

Unit: Metric tons

	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>TOTAL</u>	<u>4,813,011</u>	<u>4,695,143</u>	<u>4,906,331</u>
<u>Edible Processed Fish</u>	<u>2,233,615</u>	<u>2,216,020</u>	<u>2,287,040</u>
<u>Pasted and Processed</u>	<u>1,185,100</u>	<u>1,148,701</u>	<u>1,154,970</u>
'Chikuwa'	249,172	250,946	258,882
'Kamaboko'	425,059	437,639	446,988
Fried 'Kamaboko'	331,474	324,149	327,068
Fish sausage	111,585	82,757	79,185
Fish ham	52,721	37,761	32,086
Fish hamburger	15,280	12,175	9,437
Others	1,589	3,271	1,327
<u>Dried</u>	<u>45,212</u>	<u>45,820</u>	<u>47,734</u>
Squid	10,869	8,725	12,235
Herring (Roe being removed)	19,103	19,195	19,936
Herring roe	53	187	39
Sardine	1,587	1,006	711
Cod (incl. pollack)	7,673	9,721	8,169
Shark fin	839	963	1,082
Others	5,077	6,020	5,562
<u>Salted and dried</u>	<u>211,216</u>	<u>228,635</u>	<u>242,709</u>
Sardine	56,829	59,673	61,613
Jack mackerel	44,938	42,184	47,454
Saury	16,385	26,661	29,673
Mackerel	31,930	32,441	33,243
Flounder	13,815	15,873	16,410
Cod (incl. pollack)	1,701	2,135	4,106
Pollack fillets	10,339	10,723	9,328
Atka mackerel	7,154	6,942	7,797
Others	28,120	31,995	33,085
<u>Boiled and dried</u>	<u>79,186</u>	<u>81,774</u>	<u>79,930</u>
Sardine	48,435	45,377	39,162
'Shirasu' (larvae)	18,434	17,157	21,719
Jack mackerel	2,805	3,742	3,249
Atka mackerel	4,379	7,229	7,622
Sea cucumber	28	31	41
Scallop (adductor)	467	509	692
Abalone	87	60	42
Shrimp	2,088	3,290	3,054
Others	2,458	4,375	4,349

.... /2

TABLE 7 (CONT'D)

	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>Smoked</u>	<u>9,422</u>	<u>9,708</u>	<u>8,276</u>
Salmon	1,295	981	1,287
Herring	277	251	322
Squid & cuttlefish	709	546	615
Whale meat (incl. bacon)	1,273	1,626	1,422
Others	5,867	6,302	4,630
<u>Fillated & Dried</u>	<u>113,131</u>	<u>118,805</u>	<u>120,310</u>
Skipjack (full-dried)	17,447	19,505	22,393
Skipjack (semi-dried)	8,922	10,316	9,831
Frigate mackerel	6,953	5,558	4,215
Mackerel	22,620	26,200	25,670
Sardine	141	590	n/a
Others	3,615	2,807	4,132
Flaked fillet	53,430	53,826	54,069
<u>Salted and packed</u>	<u>186,818</u>	<u>187,365</u>	<u>214,612</u>
Sardine	5,593	3,815	5,775
Mackerel	28,790	41,679	46,465
Salmon (chum, red, silver & king)	34,502	33,482	44,926
Salmon (pink & cherry)	25,582	18,734	26,831
Salmon roe	1,327	2,519	3,521
Cod (incl. pollock)	15,306	14,681	18,047
Cod roe (mostly pollock roe)	46,772	46,608	44,789
Herring	412	388	686
Herring roe	8,641	10,355	9,126
Atka mackerel	3,832	4,860	3,621
Saury	11,968	5,112	5,917
Squid & cuttlefish	1,147	716	953
Whale meat	838	786	554
Others	2,100	3,623	3,401
<u>Other Processed Products</u>	<u>292,370</u>	<u>283,014</u>	<u>292,140</u>
'Tsukudani' Kelp and Tanle	53,375	48,570	52,729
'Tsukudani' Squid	3,709	3,224	3,664
'Tsukudani' Others	46,553	51,386	49,435
'Sakura-boshi' and 'Mirin-boshi'	17,882	21,178	22,141
'Shiokara' Sea-urchin roe	1,878	1,900	1,320
'Shiokara' Squid & Cuttlefish	11,188	12,055	13,275
'Shiokara' Others	2,082	1,259	2,045
Sea-urchin roe cooked	2,835	2,388	2,585
Pickled fish	42,141	49,478	55,229
Edible fish flour	222	211	227
Cooked and seasoned fish	86,984	75,366	77,200

...../3

TABLE 7 (CONT'D)

	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>Other Processed Products (Cont'd)</u>			
Agar-agar	2,128	2,002	1,972
Others	21,384	13,992	10,318
Baked/Seasoned laver (million pcs.)	4,602	5,092	5,069
<u>Frozen Prepared Food</u>	<u>108,255</u>	<u>112,193</u>	<u>126,359</u>
Fish & Shellfish	45,395	45,390	44,428
Other marine products	62,859	66,803	81,931

* * * * *

<u>Frozen Products</u>	<u>1,693,424</u>	<u>1,582,790</u>	<u>1,631,759</u>
Tuna	15,141	16,847	15,602
Swordfish & marlin	5,649	6,339	3,938
Skipjack & bonito	16,916	13,023	8,660
Salmon	23,826	19,030	10,573
Herring	39,257	12,887	17,355
Sardine	157,623	178,270	272,778
Anchovy	90,679	66,219	40,757
Jack mackerel	18,908	18,051	27,070
Mackerel	232,195	286,101	298,289
Saury	331,185	131,025	183,487
Flounder	51,368	44,635	37,537
Alaska Pollack & Cod	79,941	89,513	43,107
Atka-mackerel	17,557	30,641	28,925
Sea bream	598	354	438
Sand Lance	147,296	231,713	219,314
Other fishes	126,673	115,369	108,213
Shellfishes	10,480	12,908	10,854
Squid	64,595	73,307	75,848
Other marine products	52,879	37,233	25,745
'Surimi' (ground fish)	205,191	193,744	200,455

* * * * *

TABLE 7 (CONT'D)

197319741975

116.

Inedible Processed Fishes

<u>Oil & Fats</u>	<u>96,553</u>	<u>116,064</u>	<u>115,119</u>
Fish oil	66,979	87,064	78,077
Liver oil & gut oil	20,359	20,742	28,085
Whale oil	9,214	8,257	8,135
Other marine animal oil	-	-	822
<u>Feeds & Fertilizers</u>	<u>789,419</u>	<u>780,269</u>	<u>872,413</u>
Fish meal (from whole fish)	103,905	110,483	114,655
Fish meal (from offals)	201,644	161,234	202,357
Fish flour (inedible)	291,401	320,455	358,832
Soluble (inedible)	95,003	116,668	140,580
Shell Powder	61,978	48,596	50,040
Others (from fish & shellfish)	29,042	16,978	2,551
Others (from marine animals)	6,443	5,851	3,398

Source: Annual Fisheries Review - 1977
Industry, Trade and Commerce

TABLE 3

117.

JAPANPRODUCTION OF PROCESSED FISHERIES
(On board basis)

	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>TOTAL</u>	<u>1,682,796</u>	<u>1,663,071</u>	<u>1,613,540</u>
<u>Frozen Products</u>	<u>1,383,258</u>	<u>1,382,782</u>	<u>1,348,795</u>
Frozen fish	<u>873,131</u>	<u>900,876</u>	<u>890,267</u>
- Tuna	199,727	204,444	186,101
- Swordfish & marlin	26,220	28,504	24,836
- Skipjack & bonito	124,575	148,669	136,378
- Salmon	18,417	18,280	26,615
- Flounder, Halibut & Sole	122,423	116,569	110,714
- Common cod	24,018	26,241	23,269
- Alaska Pollack	11,086	9,646	8,920
- Black cod	31,809	27,671	22,971
- 'Menuke' rockfish	49,011	60,861	48,605
- Shark	9,356	6,918	7,926
- Sea bream	2,211	2,757	2,289
- Spanish mackerel	9,569	16,689	9,511
- Herring	23,021	31,105	38,622
- Merluccius (Hake)	42,481	37,848	47,352
Frozen Marine Animals	<u>198,181</u>	<u>208,394</u>	<u>201,441</u>
- Squid & Cuttlefish	156,879	151,138	155,289
- Octopus	17,451	25,330	22,081
- Shrimp, Prawn	6,529	8,631	6,395
- Crab	13,199	11,164	7,989
- Others	4,123	12,131	9,687
Frozen 'surimi' (ground fish)	<u>217,891</u>	<u>190,556</u>	<u>187,228</u>
Frozen whale meat	<u>94,085</u>	<u>82,955</u>	<u>69,859</u>
<u>Salted & Packed</u>	<u>37,107</u>	<u>28,110</u>	<u>40,908</u>
Salmon	35,724	26,829	39,705
Salmon roe	287	243	241
Whale meat	1,096	1,038	962
<u>Oil & Fats</u>	<u>76,410</u>	<u>69,798</u>	<u>61,463</u>
Fish Oil	35,374	35,260	29,272
Whale Oil	41,036	34,538	32,191

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TABLE 8 (CONT'D)

	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>Feeds & Fertilizers</u>	<u>185,991</u>	<u>182,381</u>	<u>162,374</u>
Fish meal	179,855	168,983	153,756
Soluble (ground fish)	2,111	1,582	666
Soluble (whale)	n/a	1,748	-
<u>Canned Products (actual cases)</u>	<u>377,843</u>	<u>297,342</u>	<u>180,528</u>
Salmon*	327,843	297,342	138,854
Crabmeat*	60,000	n/a	41,674

118.

NOTE: Number of cases - Salmon 96 cans, Crabmeat 48 cans.

Source: Annual Fisheries Review - 1977
Industry, Trade and Commerce

TABLE 9

JAPAN

119.

PRODUCTION OF CANNED FISHUnit: Converted standard case
of 1 lb. x 48 = 21.6 kg.

	<u>1973</u>	<u>1974</u>	<u>1975</u>
<u>GRAND TOTAL</u>	<u>16,656,786</u>	<u>17,315,731</u>	<u>17,191,545</u>
Crab meat	224,062	158,338	93,736
Salmon	916,815	1,089,075	921,074
Tuna and Swordfish	2,382,304	2,354,627	2,800,270
Skipjack and Bonito	1,102,077	1,476,586	1,051,337
Mackerel	9,639,178	9,554,749	9,777,980
Sardine	295,791	303,478	422,448
Saury	232,018	384,135	509,794
Jack mackerel	1,842	2,535	-
Whale meat	600,473	694,362	561,645
Squid and Cuttlefish	164,313	80,358	245,317
<u>Other Fish</u>	<u>101,730</u>	<u>99,272</u>	<u>104,461</u>
Eel	5,773	3,793	4,276
Shrimp	9,349	7,624	621
Octopus	3,100	1,532	2,234
<u>Shell-fish</u>	<u>861,293</u>	<u>980,623</u>	<u>580,186</u>
Oyster	203,437	182,958	84,095
Arkshell	126,675	215,720	298,431
Short-necked clam	423,100	496,930	152,060
<u>Processed marine products</u>	<u>134,891</u>	<u>137,593</u>	<u>123,297</u>
Pasted products	12,196	15,111	8,998

Source: Annual Fisheries Review - 1977
Industry, Trade and Commerce

TABLE 10

JAPANANNUAL CONSUMPTION OF MARINE PRODUCTS
(Per Capita)

	<u>Fresh or Frozen</u>		<u>Salted or Dried</u>		<u>Whale</u>	<u>Processed</u>
	<u>Quantity</u> (kg)	<u>Amount</u> (¥)	<u>Quantity</u> (kg)	<u>Amount</u> (¥)	<u>Meat</u> <u>Amount</u> (¥)	<u>& Others</u> <u>Amount</u> (¥)
<u>CITIES (Population: 50,000 & over)</u>						
1965	15.2	4,664	3.7	1,506	168	2,367
1970	14.5	6,958	4.3	2,940	199	3,371
1973	13.6	9,212	4.5	4,298	238	4,444
1974	14.5	12,073	4.7	5,476	271	5,498
1975	14.9	14,198	4.7	6,108	265	6,779
<u>Average</u>						
<u>Annual Change(%)</u>						
1965-70	-0.9	11.4	3.1	14.3	3.4	7.3
1970-75	0.5	15.3	1.8	15.7	5.9	15.0
1974-75	2.8	17.6	0.0	11.5	-0.2	23.3

Source: Annual Fisheries Review - 1977
Industry, Trade and Commerce

TABLE 11

121.

CANADIAN TRADE IN FISHERY PRODUCTS WITH JAPAN

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	1976		1977	
	Q.	V.	Q.	V.
<u>CANADIAN EXPORTS</u>				
Halibut, Pacific whole or dressed, frozen	-	-	604	2,091
Herring, whole or dressed, frozen	4,083	3,029	14,559	9,809
Salmon, coho, whole or dressed, frozen	107	357	785	3,119
Salmon, chum, whole or dressed, frozen	2	15	334	985
Salmon, spring, whole or dressed, frozen	60	237	502	1,933
Salmon, whole or dressed, frozen, n.e.s.	169	597	1,504	6,090
Smelt, sea, whole or dressed, frozen	423	245	850	573
Seafish, n.e.s., whole or dressed, fresh	370	1,075	522	2,223
Seafish, n.e.s., whole or dressed, frozen	126	91	1,038	844
Smelt, freshwater, whole or dressed, frozen	1,501	784	2,677	1,910
Lobster in shell, fresh and frozen	13	69	336	1,597
Shellfish, n.e.s., fresh and frozen	1,792	1,975	7,346	7,702
Herring roe, fresh, frozen, cured	8,943	55,982	12,224	87,296
Fish roe, n.e.s., fresh, frozen, cured	2,155	12,671	1,532	14,207
Other products	420	382	4,013	2,671
TOTAL	20,164	77,509	48,826	143,050

TABLE 11 (CONT'D)

122.

CANADIAN TRADE IN FISHERY PRODUCTS WITH JAPAN (CONT'D)

(Quantities (Q) in metric tons, Values (V) in thousand dollars)

	Q.	1976 V.	Q.	1977 V.
<u>CANADIAN IMPORTS</u>				
Halibut, fresh or frozen	35	114	--	--
Salmon, fresh or frozen	83	184	--	--
Seafish, n.e.s., fresh or frozen	655	1,001	202	323
Trout, fresh or frozen	194	431	369	1,039
Trout steaks, blocks, etc., fresh or frozen	78	117	14	43
Lobster, fresh or frozen	12	113	3	37
Shrimp and prawn, fresh or frozen	24	133	28	198
Salmon, canned	679	1,664	--	--
Tuna, flake pack, canned	2,884	7,005	1,875	6,845
Tuna, n.e.s., canned	4,163	10,737	3,330	11,545
Fish and fish products, n.e.s., canned	1,853	521	222	247
Clam, canned	2,037	2,519	1,676	3,269
Oyster, canned	542	1,477	299	1,183
Shellfish and products, n.e.s. canned	15	93	15	120
Other products	75	189	97	250
TOTAL	13,329	26,298	8,130	25,099

Source: Exports by Commodities, Statistics Canada cat. #65-004
Imports by Commodities, Statistics Canada, cat. #65-007

TABLE 12

JAPAN

EXTERNAL TRADE IN FISH AND FISH PRODUCTS
1976 AND 1977

	IMPORTS			
	1976		1977	
	Quantity	Value	Quantity	Value
TOTAL	-	1,895	-	2,475
<u>Fish</u>	-	408	-	713
Fresh, chilled, frozen	271.5	400	361.3	694
Salted, dried, smoked	3.3	8	8.7	19
<u>Crustaceans and Molluscs</u>	-	1,108	-	1,209
Fresh, chilled, frozen	335.6	1,075	338.5	1,161
(Shrimp)	(126.2)	(752)	(128.5)	(822)
Salted etc.	-	33	-	43
Canned	1.7	10	2.2	15
Oil	-	2	-	2
Pearl	(8,729kg)	16	(8,471kg)	23
Other	-	351	-	513

Note: Unit in '000 tons and million \$U.S. which is suggested as exchange rate in document FI/180, using c.i.f. value.

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 13

JAPANEXTERNAL TRADE IN FISH AND FISH PRODUCTS
1976 AND 1977

	EXPORTS			
	1976		1977	
	Quantity	Value	Quantity	Value
TOTAL	-	734	-	740
<u>Fish</u>	-	181	-	169
Fresh, chilled, frozen	200.2	173	164.3	157
Salted, dried, smoked	1.9	8	2.0	12
<u>Crustaceans and molluscs</u>	-	46	-	36
Fresh, chilled, frozen	28.9	36	16.0	29
Salted etc.	-	10	-	7
Canned	272.9	341	241.6	322
Oil	-	31	-	50
Pearl	(80,832kg)	77	(118,764kg)	84
Other	-	67	-	79

Note: Unit in thousand tons and million \$U.S. which is suggested as exchange rate in document FI/L80, using f.o.b. value.

Source: Review of Fisheries in OECD Member Countries - 1977

TABLE 14

125.

SUMMARY OF JAPAN'S IMPORTS OF MARINE PRODUCTSUnit: Quantity - Metric Tons
Value - US\$'000

<u>Commodity</u>	<u>1975</u>		<u>1976</u>	
	<u>Quantity</u>	<u>Value US\$</u>	<u>Quantity</u>	<u>Value US\$</u>
<u>Live</u>	<u>17,715</u>	<u>83,863</u>	<u>20,703</u>	<u>103,050</u>
Aquarium fish of a kind normally used for appreciation	38	2,235	35	2,198
Ele fry for fish - culture	222	5,599	137	8,516
Other	17,455	76,029	20,531	92,336
<u>Fresh, chilled or frozen</u>	<u>538,111</u>	<u>956,037</u>	<u>619,053</u>	<u>1,415,819</u>
Skipjack and bonito	9,623	4,281	8,864	4,496
Albacore	7,987	6,732	1,639	2,213
Yellow tuna	23,042	36,930	31,164	53,406
Bluefin tuna	1,868	5,781	709	3,485
Other Tuna	48,428	60,243	43,903	68,999
Swordfish	19,117	18,969	21,536	23,402
Yellowtail	1,265	1,563	1,610	2,435
Herring	8,856	6,552	5,910	5,568
Salmon	6,823	19,480	3,684	11,265
Spanish mackerel	8,077	11,642	8,315	12,300
Shrimps, prawns and lobsters	113,672	461,962	125,998	751,835
Cuttlefish & Squid	58,580	98,578	68,533	134,482
Octopus	74,613	80,318	94,388	121,076
Whale meat	28,822	19,839	32,476	29,093
Other fish	127,338	122,667	170,324	191,764

(Continued)

TABLE 14 (CONT'D)

126.

<u>Salted, dried or smoked</u>	<u>22,376</u>	<u>118,368</u>	<u>28,778</u>	<u>197,361</u>
Salmon roes	3,486	39,465	5,773	60,423
Jellyfish	5,714	9,864	6,024	12,357
Herring roes	7,611	46,977	11,698	97,365
Other	5,565	22,062	5,283	27,216
<u>Prepared or preserved</u>	<u>28,602</u>	<u>77,060</u>	<u>33,267</u>	<u>103,315</u>
Cuttlefish & Squid	7,023	30,060	5,835	28,299
Other	21,579	47,000	27,432	75,016
<u>Other marine products</u>	<u>103,590</u>	<u>61,247</u>	<u>112,715</u>	<u>80,680</u>
Agar-agar	298	2,893	699	5,185
Oil of fish and marine mammals	1,700	3,044	1,544	2,230
Pearls	(4,140)KG	10,587	(8,729)KG	16,408
Fish meal and flour	70,556	19,790	56,624	18,519
Shells of shell fishes	6,895	6,689	8,114	9,239
Seaweed for agar-agar manufacturing	492	569	600	703
Other	23,645	17,675	45,125	28,396
<u>GRAND TOTAL (Imports value of marine products) (A)</u>	<u>710,394</u>	<u>1,296,575</u>	<u>814,517</u>	<u>1,900,225</u>
<u>GRAND TOTAL (Import value of Japan) (B)</u>		<u>57,863,087</u>		<u>64,798,967</u>
(A)/(B)		2.24%		2.93%

Source: Annual Fisheries Review - 1977
Industry, Trade and Commerce

TABLE 15

JAPAN

127.

EXPORTS OF MARINE PRODUCTS

Unit: Quantity - Kilogram
 Value - US\$ F.O.B.
 (converted US\$1=¥297)

<u>Commodity</u>	<u>Quantity KG</u>	<u>1976 TOTAL</u> <u>Value US\$</u>
02.04-010 Meat and edible meat offals, of whale, fresh or frozen	172,060	50,855
02.04-020 Meat and edible meat offals, of frog, fresh or frozen	452,276	1,613,410
03.01-111 Gold fish, live	24,604	642,454
03.01-119 Live fish, n.e.s.	55,769	14,792,885
03.01-121 Skip-jack, fresh	15,738,350	4,411,319
03.01-123 Albacore, fresh	36,952	50,471
03.01-124 Yellowfin tuna, fresh	2,998,941	732,707
03.01-125 Bluefin tuna, fresh	200	5,228
03.01-126 Other tuna	308	6,262
03.01-127 Broadbill swordfish, fresh	60	367
03.01-128 Other swordfish, fresh	108	1,212
03.01-131 Sea bream, fresh	27,396	3,939
03.01-132 Mackerel, fresh	5,207	5,471
03.01-133 Sauries, fresh	251,060	258,097
03.01-136 Shark, fresh	44,655	6,235
03.01-137 Flatfish, fresh	205,203	29,212
03.01-138 Cod & Pollock, fresh	47,470	29,747
03.01-139 Fish, fresh	265,132	58,023
03.01-211 Skipjack, frozen	28,386,729	14,848,265

...../2

TABLE 15 (CONT'D)

	KG	US\$	
03.01-212 Other bonito, frozen	402,317	65,626	128.
03.01-213 Albacore, frozen	14,233,416	646,228	
03.01-214 Yellowfin tuna, frozen	4,744,566	2,355,676	
03.01-216 Other tuna, frozen	3,712,366	1,556,700	
03.01-217 Broadbill swordfish, frozen	4,580	3,777	
03.01-218 Other swordfish, frozen	30,417	19,006	
03.01-221 Seabream, frozen	2,618,644	730,542	
03.01-222 Mackerel, frozen	10,242,683	2,691,838	
03.01-223 Sauries, frozen	22,175,429	17,235,548	
03.01-224 Salmon (Excl. landlocked type), frozen	2,312,586	6,017,875	
03.01-225 Rainbow trout, frozen	1,608,736	3,695,713	
03.01-226 Shark, frozen	1,504,720	1,694,841	
03.01-227 Flatfish, frozen	6,664,551	11,397,555	
03.01-228 Cod & Pollock, frozen	15,484,330	10,201,727	
03.01-229 Other, frozen	19,186,134	7,038,595	
03.01-311 Albacore, fillets, fresh	25	595	
03.01-312 Other tuna, fillets, fresh	7,079	137,595	
03.01-313 Shark, fillets, fresh	30,840	51,164	
03.01-314 Flatfish, fillets, fresh	72,598	91,171	
03.01-315 Cod, fillets, fresh	97,532	146,653	
03.01-319 Fish fillets, n.e.s., fresh	92,583	141,818	
03.01-411 Albacore, fillets, frozen	50	437	
03.01-412 Other tuna, fillets, frozen	7,865	136,363	
03.01-413 Shark, fillets, frozen	2,867,797	5,037,329	
03.01-414 Flatfish, fillets, frozen	28,539,924	41,781,781	
03.01-415 Cod & Pollock, fillets, frozen	9,924,474	12,138,646	
03.01-419 Fish fillets, n.e.s., frozen	5,593,241	7,885,555	

TABLE 15 (CONT'D)

	KG	US\$
03.02-200 Cod & Pollock, not in fillets, dried, whether or not dried	248,476	396,444
03.02-310 Fish, boiled and dried	236,200	524,777
03.02-321 Salmon salted in brine, or dried	28,938	90,474
03.02-322 Cod & Pollock, m.e.s. salted in brine or dried	37,302	55,895
03.02-323 Mackerel, salted, in brine or dried	117,439	73,720
03.02-324 Sardines, salted, in brine or dried	90,741	196,814
03.02-325 Shark fins, salted in brine or dried	933,434	6,174,703
03.-2-329 Other fish, salted, in brine or dried	85,199	248,259
03.02-330 Fish roes, salted, in brine or dried	59,218	298,986
03.02-410 Salmon, smoked	1,125	14,892
03.02-420 Cod & Pollock, smoked	9,289	13,474
03.02-490 Other fish, smoked	3,052	16,589
03.03-011 Shrimps, prawns and lobsters live, fresh, or frozen	2,013,568	11,239,973
03.03-012 Other crustaceans, live, fresh, or frozen	1,018,816	2,607,451
03.03-013 Oysters, seed	850,201	439,340
03.03-014 Other oysters, live, fresh, or frozen	268,933	748,491
03.03-015 Cuttlefish and squid, live, fresh or frozen	16,123,170	16,180,212
03.03-016 Octopus, live, fresh or frozen	8,915,458	2,901,744
03.03-017 Other molluscs, live, fresh, or frozen	528,038	2,206,114
03.03-021 Shrimps, prawns and lobsters, salted, in brine or dried	43,352	236,663

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TABLE 15 (CONT'D)

	KG	US\$	
03.03-022 Other crustaceans, salted in brine or dried	300	2,535	130.
03.03-023 Cuttle fish and squid, salted in brine or dried	3,076	26,838	
03.03-024 Oyster, salted, in brine or dried	20,002	117,043	
03.03-025 Adductors of shellfish, salted in brine or dried	149,564	4,620,323	
03.03-026 Other molluscs, salted, in brine or dried	7,582	640,424	
05.05-000 Fish waste	659,788	107,094	
05.12-010 Coral	15,178	1,879,835	
05.12-020 Shells of shellfish	1,267,695	1,048,595	
05.12-090 Substances similar to coral, shells; powder and waste of shells, n.e.s.	184,593	269,313	
05.13-000 Natural sponges	2,772	101,673	
12.08-011 Edible dry lavers, in rec- tangular sheets	3,832	229,434	
12.08-012 Dried tangles, long sliced	1,835,771	3,939,471	
12.08-013 Other dried tangles	32,862	183,023	
12.08-019 Edible seaweeds, n.e.s.	56,793	248,508	
13.03-011 Kaku Kanten (agar-agar in block form)	7,422	129,750	
13.03-012 Hosokanten (agar-agar in strip form)	80,512	661,141	
13.03-019 Agar-agar, n.e.s.	457,615	4,253,188	
14.05-020 Seaweeds	15,752	17,680	
15.04-110 Cod liver oil	742,120	601,686	
15.04-190 Fish liver oil, n.e.s.	133,654	1,562,966	
15.04-200 Fish oil and fat excl. fish liver oil	72,031,503	24,746,892	
15.04-311 Whale oil, of baleen whale	8,804,821	2,814,289	

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TABLE 15 (CONT'D)

	KG	US\$
15.04-319 Whale oil, n.e.s.	3,365,273	2,057,484
15.14-000 Spermaceti, crude, pressed or refined	43,665	60,865
16.04-011 Salmon (excl. landlocked type) canned	18,475,091	59,343,663
16.04-021 Albacore, in oil, canned	4,477,128	12,609,643
16.04-022 Albacore, boiled in water, canned	18,533,634	57,025,629
16.04-023 Albacore, in jellies or tomato baste, canned	56,677	146,333
16.04-024 Albacore, canned, n.e.s.	42,208	114,397
16.04-025 Other tuna, in oil, canned	2,927,476	6,298,882
16.04-026 Other tuna, boiled in water, canned	224,008	467,676
16.04-027 Other tuna, in jellies or tomato paste, canned	123,445	243,912
16.04-029 Tuna, canned, n.e.s.	1,708,728	2,660,195
16.04-031 Skipjack, in oil, canned	11,502,143	26,415,791
16.04-032 Skipjack, boiled in water, canned	5,314,665	10,657,259
16.04-039 Skipjack, canned, n.e.s.	2,899,346	4,345,074
16.04-041 Mackerel, in oil, canned	9,657,615	12,182,336
16.04-042 Mackerel, boiled in water, canned	65,805,550	39,646,313
16.04-043 Mackerel, in tomato paste, canned	91,146,300	63,803,639
16.04-049 Mackerel, canned, n.e.s.	374,204	451,447
16.04-051 Sauries, boiled in water, canned	4,080	2,010
16.04-059 Sauries, canned, n.e.s.	45,003	67,276
16.04-062 Sardines, in tomato paste, canned	28,421,768	22,041,350
16.04-069 Sardines, canned, n.e.s.	3,715,571	3,332,218
16.04-079 Other fish, canned	205,180	733,013

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TABLE 15 (CONT'D)

	KG	US\$	
16.04-080 Fish meat sausage	117,353	135,518	132.
16.04-091 Bonito and the like, boiled and dried	34,533	260,639	
16.04-099 Prepared or preserved fish, n.e.s.	1,378,897	3,529,720	
16.05-011 King crab, canned	1,388	21,925	
16.05-012 "Hanasaki-gani" (<i>Paralithodes brevipes</i>), canned	63,067	490,781	
16.05-013 "Zuwai-gani" (<i>Chionocetus opilis</i>) canned	318,079	2,482,663	
16.05-020 Shrimps; prawns and lobsters, canned	11,683	86,929	
16.05-030 Cuttle fish and squid, canned	38,418	95,572	
16.05-040 Topshells, canned	2,077	17,501	
16.05-051 Little neck clam(baby clam), in oil, canned	108,797	470,319	
16.05-052 Little neck clam(baby clam), boiled in water, canned	3,986,015	5,794,882	
16.05-059 Little neck clam(baby clam), canned, n.e.s.	45,314	88,892	
16.05-061 Oysters, in oil, canned	964,509	3,839,203	
16.05-062 Oysters, boiled in water, canned	1,490,355	2,742,003	
16.05-069 Oysters, canned	65,734	256,356	
16.05-070 Crustaceans and molluscs, prepared or preserved, n.e.s.	70,654	372,909	
16.05-091 Abalone, prepared or preserved	42,264	4,095,444	
16.05-099 Crustaceans and molluscs, prepared or preserved, n.e.s.	1,933,006	10,840,107	
21.07-050 Edible dried lavers, roasted or seasoned	41,755	841,942	
21.07-060 Other edible seaweeds	164,407	556,127	
23.01-210 Flours and meals, of fish, unfit for human consumption	48,975 M/T	20,337,609	

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TABLE 15 (CONT'D)

	KG	US\$	
23.07-010 Pet foods, canned	2,283,027	1,964,983	133.
71.01-010 Natural pearls, unworked or worked, but not mounted, set or strung	485,646 Grams	360,333	
71.01-021 Cultured pearls, fresh water, loose, unworked	1,525,937 Grams	1,501,319	
71.01-022 Cultured pearls, loose, unworked, n.e.s.	1,776,442 Grams	5,130,858	
71.01-023 Cultured pearls, loose drilled	3,361,624 Grams	8,675,579	
71.01-024 Cultured pearls, three- quarters	1,226,053 "	2,503,552	
71.01-025 Cultured pearls, half	736,399 "	3,474,356	
71.01-026 Cultured pearls, fresh water, temporarily strung	3,117,713 "	6,118,346	
71.01-027 Cultured pearls, temporarily strung	23,909,612 "	47,919,888	
71.01-029 Cultured pearls, unworked or worked, but not mounted	44,702,170 "	1,486,656	

Source: Annual Fisheries Review - 1977
Industry, Trade and Commerce