

INTERNATIONAL
WHALING STATISTICS
LXXXIII

EDITED BY
THE COMMITTEE FOR WHALING STATISTICS



SANDEFJORD 1979

INTERNATIONAL
WHALING STATISTICS

LXXXIII

EDITED BY
THE COMMITTEE FOR WHALING STATISTICS



SANDEFJORD 1979

CONTENTS

Preface	Page 5
Introduction	" 7
Supplementary tables to the introduction	" 12
Production of by-products	" 24
Catch of small whales	" 27
Table 1.—Whaling in the Antarctic season 1977/78 and outside the Antarctic in 1978	" 43
Table 2.—Whaling of Japan in 1977/78 and 1978	" 44
Table 3.—Whaling of U.S.S.R. in 1977/78 and 1978	" 44
Table 4.—Whaling results for the various countries in 1977/78 and 1978	" 44
Table 5.—Average size of whales caught 1978	" 45
Table 6.—Whales caught in 1978, by species, sex and size and by whaling grounds	" 47
Brazil	" 47
Iceland	" 48
North Pacific Ocean and Bering Sea, pelagic, Japan	" 49
—, — —, — " , U.S.S.R.	" 50
Japan, coastal	" 51
Australia	" 52
South Atlantic Ocean, pelagic	" 52
Indian Ocean, pelagic	" 53
South Pacific Ocean, pelagic	" 54
Table 7.—Average production of oil per sperm whale in 1978.....	" 55

PREFACE

This publication comprises the world aggregate whaling results for 1978, i.e. the catch by Antarctic pelagic expeditions in the Southern Hemisphere in the 1977/78 season and the catch of other expeditions and shore stations during the calendar year 1978. With regard to the Japanese coastal catch of sperm whales, see Introduction.

Statistical data have not been received from Cypros.

Sandefjord, November 1979.

E. Vangstein

INTRODUCTION

Details of Antarctic pelagic whaling in the season 1977/78 will be found in publication No. LXXXII.

In the North Pacific one Japanese, three USSR pelagic expeditions and four Japanese shore stations operated in 1978. One of the USSR expeditions operated from May 14 to June 2 between 19° and 28° North when returning from the Antarctic after the 1977/78 season.

The quotas set by the International Whaling Commission for the North Pacific for 1978 were:

Bryde's whales	524
Sperm whales — males	5,105
—»— — females	1,339
Minke whales	400

The quotas for Bryde's whales and sperm whales in the North Pacific were divided into national quotas between Japan and USSR. The national quotas and catches were:

	Japan		U.S.S.R.		Total	
	Quota	Catch	Quota	Catch	Quota	Catch
Bryde's whales	262	200	262	216	524	416
Spermwhales —						
males	2,182	1,740	2,923	1,912	5,105	3,652
females	572	524	767	250	1,339	774
Total sperm whales	2,754	2,265 ¹⁾	3,690	2,164 ²⁾	6,444	4,429 ³⁾

In addition Japan caught 400 minke whales.

According to Schedule paragraph 3(c) the open season for the taking of sperm whales shall not exceed eight continuous months in any period of twelve months. For the coastal sperm whaling Japan declared an open season from August 1, 1978 to March 31, 1979. At the recommendation of the Scientific Committee of the International Whaling Commission the catch in the North Pacific relating to each continuous season has been referred to the calendar year when whaling operations started. Thus the

¹⁾ Including 1 lost. ²⁾ Including 2 lost. ³⁾ Including 3 lost.

coastal catch of sperm whales from August 1, 1978 to March 31, 1979 has been recorded as the 1978 season's catch.

For the Southern Hemisphere pelagic season, the catch has been referred to the calendar year when whaling operation ceased. (See publication No. LXXI, page 7.)

The quotas set for the North Atlantic Ocean were:

Fin whales	— West Greenland Stock	4
—»—	— Newfoundland — Labrador Stock	90
—»—	— East Greenland Stock — Iceland Stock	*)304
—»—	— North Norway Stock	61
Sei whales	— Iceland — Denmark Strait Stock	84
Sperm whales	— North Atlantic Ocean	685
Minke whales	— West Greenland Stock	397
—»—	— Canadian East Coast Stock	48
—»—	— East Greenland — Iceland Jan Mayen Stock ..	320
—»—	— Svalbard — Norway — British Isles Stock ..	1,790
—»—	— Total	2,555

There was no catch of fin whales in Newfoundland and North Norway waters. In Iceland one shore station with 4 catchers operated, and the catch amounted to:

236 fin whales
14 sei whales
141 sperm whales

The total catch of minke whales in the North Atlantic Ocean was:

Norway	1,592
Greenland	120
Iceland	198
	<hr/>
Total	1,910
	<hr/>

The quotas set for the Southern Hemisphere for the 1977/78 pelagic season and the 1978 coastal season were:

771 sei whales
5,690 minke whales
4,538 sperm whale males
1,370 sperm whale females

*) The total catch of fin whales shall not exceed 1,524 in the six years 1977 to 1982 inclusive, and the total catch in any one year shall not exceed 304.

The quotas for sei and minke whales were subdivided on an Area basis and the quota for sperm whales on a Division basis. Further the quotas were split into national quotas by agreement between Japan, USSR, Brazil and Australia.

In the Introduction to International Whaling Statistics No. LXXXII the national quotas (page 8) and the catches for the Japanese and USSR pelagic expeditions are given for the season 1977/78 by Area and for sperm whales also by Division.

In addition to the quotas mentioned above, Japan and USSR issued special permits for no more than 120 and 5 Bryde's whales respectively to be caught for scientific research purposes. A total of 119 were taken, all north of 40° South.

The national quotas and catches for Brazil were:

Species	Quota		Catch
Minke whales	690	Area II	690
Sperm whale males	7	Division 2	7
Sperm whale females	17	Division 2	17

The national quota and catches for Australia were:

Sperm whale males	536	Division 5	510
Sperm whale females	177	Division 5	169
Total	713		679

The quotas set apply to member nations of the Commission. Chile, Peru, Portugal, Spain and Korea were not members of the Commission in the 1977/78 season.

The total catch by Area of minke whales and sperm whales in the Southern Hemisphere (north and south of 40° South) by members of the International Whaling Commission amounted to:

	Minke whales	Male	Sperm whales Female	Total
Area I	463	153	—	153
Area II	*)1,052	524	149	673
Area III	1,801	1,581	537	2,118
Area IV	963	286	—	286
Area V	884	819	270	1,089
Area VI	527	630	291	921
	5,690	3,993	1,247	5,240

*) Including 2 lost.

The total catch by Division of sperm whales in the Southern Hemisphere (north and south of 40° South) by members of the International Whaling Commission amounted to:

	Males	Females	Total
Division 1	332	111	443
Division 2	731	292	1,023
Division 3	753	283	1,036
Division 4	531	—	531
Division 5	554	169	723
Division 6	80	—	80
Division 7	229	101	330
Division 8	783	291	1,074
Division 9	—	—	—
	<hr/>	<hr/>	<hr/>
	3,993	1,247	5,240
	<hr/>	<hr/>	<hr/>

At the 31st meeting of the International Whaling Commission in 1979 a paper was presented (SC/31/Doc. 58) showing «Korean whale catches by species, 1962—1978». In table y will be found the catch of large whales and in table Z³ the catch of minke whales from 1965 to 1978. From 1962 to 1964 inclusive 252, 364 and 472 whales were caught, but no information of species is available.

According to earlier information on Korean catches, large whales included mainly fin whales (see publication No. LXXXI, table y, page 24). The data presented above show that Bryde's whales and not fin whales have been reported caught. The International Whaling Commission hopes to confirm the species identification shortly.

From the International Whaling Commission a table has been received showing Spanish statistics for 1971—1978 inclusive. The figures for 1971—1974 are in disagreement with previous information regarding the number of catchers used. The new Spanish statistics will be found in table 1.

Catches of humpback whales not previously reported to International Whaling Statistics have taken place from Tonga Islands. The catches from 1973 to 1978 inclusive will be found in table v².

Revised statistics from Peru and Chile have been received through the International Whaling Commission (see tables t and u.).

According to the Ministry of Agriculture, Fisheries and Food, Great Britain, the following number of humpback whales has been taken since 1974 at the Island of Bequia in the St. Vincent Group:

1974 two humpbacks (one female, one male)

1975 nil

1976 two humpbacks (one female, one male)

1977 nil

1978 one —»— (male)

Tables Z²—Z¹¹ show the catches of small whales reported to International Whaling Statistics. No reports have been received of incidental kill of delphinids by tuna fishermen (see Introduction to publication No. LXXXI, page 10).

The figures for the Greenlanders catch of whales and porpoises given in tables Z²—Z¹¹ are provisional. The figures presented in previous volumes are not in full agreement with summaries of the «List of Game» published by the Ministry of Greenland. A revision of the statistics for the last decade is in progress by said Ministry and will be published later.

Annex.
Supplementary Tables to the Introduction.
Table a.—Whaling matériel in operation.

Years. ¹⁾	All whaling grounds.			Antarctic.			Others.		
	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.
1968—69	22	12	195	—	6	84	22	6	111
1969—70	21	11	191	—	6	85	21	5	106
1970—71	20	11	184	—	6	86	20	5	98
1971—72	20	12	170	—	7 ²⁾	88 ²⁾	20	5	82
1972—73	17	13	186	—	7 ²⁾	82 ²⁾	17	6	104
1973—74	16	13	164	—	8 ³⁾	78	16	5	86
1974—75	14	12	154	—	7 ⁴⁾	75	14	5	79
1975—76	13	8	126	—	5	56	13	3	70
1976—77	11	7	99	—	4	43	11	3	56
1977—78	11	7	97	—	3	34	11	4	63

¹⁾ 1968/69 = Antarctic season 1968/69 and outside the Antarctic in the calendar year 1969 a.s.o. ²⁾ Of which 1 floating factory with 4 catchers caught minke whales only. ³⁾ Of which 2 floating factories caught minke whales only. ⁴⁾ Of which 1 floating factory with 3 catchers caught minke whales only.

Table b.—Whales killed, by species.¹⁾

Years.	Blue.	Fin.	Hump-back.	Sei.	Bryde's.	Sperm.	Others.	Total of whales.
1968—69	—	5,320	11	12,391	127	23,929	350	42,126
1969—70	1	5,212	15	11,420	165	25,521	146	42,480
1970—71	9	4,547	24	10,460	937	22,642	152	38,771
1971—72	—	4,191	6	8,615	205	18,895	221	32,133
1972—73	7	2,616	18	6,388	1,055	22,305	216	32,605
1973—74	—	2,077	15	6,234	1,882	21,217	204	31,629
1974—75	—	1,634	17	4,975	1,864	21,045	191	29,726
1975—76	—	785	11	1,866	1,781	17,134	219	21,796
1976—77	—	155	14	2,179	1,413	12,279	215	16,255
1977—78	—	650	32	634	928	10,274	202	12,720

¹⁾ Exclusive small whales — See tables Z² — Z¹¹.

Table c.—Whales killed in the various main areas.¹⁾

Years.	All areas.	Antarctic.	Africa.	North Atlantic and Arctic. ²⁾	California.	Japan.	North Pacific Ocean and Bering Sea (pelagic).	
							Japan.	U.S.S.R.
1968—69	42,126	11,478	2,078	1,249	183	4,299	7,167	9,895
1969—70	42,480	11,949	1,880	1,204	73	4,118	6,453	9,845
1970—71	38,771	12,098	2,143	1,368	53	3,842	4,874	6,649
1971—72	32,133	11,508	1,698	1,037	—	3,442	4,039	2,128
1972—73	32,605	9,840	1,658	465	—	2,593	3,771	5,249
1973—74	31,629	10,607	1,817	380	—	2,620	3,731	4,832
1974—75	29,726	9,000	1,707	433	—	2,464	3,063	4,436
1975—76	21,796	4,856	—	404	—	2,570	1,631	4,350
1976—77	16,255	3,860	—	405	—	2,093	1,485	3,541
1977—78	12,720	2,725	—	424	—	1,792	735	2,380

	Chile.	Peru.	Australia.	South Atlantic Ocean.	Indian Ocean.	South Pacific Ocean.	Others.
1968—69	253	2,305	679	1,101	570	—	869
1969—70	291	1,934	799	1,617	1,226	156	935
1970—71	253	1,773	860	1,587	1,571	736	964
1971—72	352	1,896	953	1,463	1,691	971	955
1972—73	246	1,838	971	2,779	522	1,730	943
1973—74	161	1,812	1,080	1,709	723	1,407	750
1974—75	106	1,343	1,172	2,566	793	1,685	958
1975—76	87	1,918	995	2,185	771	1,284	745
1976—77	55	1,193	624	1,086	900	312	701
1977—78	131	300	679	1,054	819	623	1,058

¹⁾ Exclusive small whales — See tables Z² — Z¹¹. ²⁾ Excluding Spain, Azores and Madeira.

Table d.—Oil production in the various main areas.

Years.	All areas.	Antarctic.	Africa.	North Atlantic and Arctic ¹	California.	Japan.	North Pacific Ocean and Bering Sea (pelagic)	
							Japan.	U.S.S.R.
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
1968—69 ..	1,205,332	385,822	50,657	43,329	4,533	87,124	174,900	322,436
1969—70 ..	1,216,851	393,291	45,002	38,252	1,724	74,273	181,159	308,518
1970—71 ..	1,123,614	390,423	46,959	40,250	1,115	73,532	145,571	231,746
1971—72 ..	923,282	387,064	46,194	31,848	—	64,720	112,071	78,600
1972—73 ..	859,296	345,539	40,704	14,692	—	53,740	106,406	111,970
1973—74 ..	815,403	334,065	41,648	14,639	—	48,485	108,352	103,534
1974—75 ..	772,778	292,504	36,588	13,147	—	47,310	82,683	89,247
1975—76 ..	573,943	180,076	—	13,034	—	51,766	37,529	102,142
1976—77 ..	460,064	137,460	—	9,417	—	43,168	40,471	95,789
1977—78 ..	417,387	130,004	—	11,365	—	38,137	17,306	103,341
	Chile.	Peru.	Australia.	South Atlantic Ocean.	Indian Ocean.	South Pacific Ocean.	Others.	
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	
1968—69 ..	5,300	46,978	27,045	³)19,824	18,234	—	19,150	
1969—70 ..	6,500	40,245	33,307	30,749	35,357	5,289	23,185	
1970—71 ..	²) 5,500	31,271	34,894	34,279	43,366	21,892	22,816	
1971—72 ..	⁵)	29,741	34,590	⁴)38,432	48,131	31,384	20,507	
1972—73 ..	⁵)	27,441	33,415	56,426	10,906	37,411	20,646	
1973—74 ..	⁵)	22,856	33,002	41,071	23,823	29,082	14,846	
1974—75 ..	⁵)	17,283	34,610	71,285	21,153	47,135	19,833	
1975—76 ..	⁵)	29,518	33,773	59,820	19,239	30,782	16,264	
1976—77 ..	⁵)	17,488	23,123	41,012	30,636	6,209	15,291	
1977—78 ..	⁵)	23,129	23,129	34,741	23,407	14,965	20,992	

¹) Excluding Spain, Azores and Madeira. ²) Calculated. ³) Excluding oil produced of 446 whales. See table m 2. ⁴) Excluding oil produced of 148 sei whales. ⁵) No information.

Table e.—Whaling results for the various countries. All areas. Number of whales killed.¹)

Years.	All countries.	Australia.	Brazil.	Canada.	Chile.	Iceland.	Japan.	Bahamas.	Somali Rep.
1968—69	42,126	679	137	695	253	423	16,782	446	—
1969—70	42,480	799	102	712	291	377	16,251	628	—
1970—71	38,771	860	75	710	253	554	15,794	602	—
1971—72	32,133	953	72	586	352	446	14,039	72	76
1972—73	32,605	971	82	—	246	453	11,268	—	491
1973—74	31,629	1,080	32	—	161	365	10,095	—	451
1974—75	29,726	1,172	57	1	106	420	9,450	—	276
1975—76	21,796	995	12	—	87	389	6,227	—	23
1976—77	16,255	624	30	—	55	386	5,274	—	²)
1977—78	12,720	679	24	—	131	391	3,191	—	²)
	Denmark	Norway.	Peru.	Portugal.	Spain.	South Africa.	United States of America.	U.S.S.R.	Others.
1968—69	3	128	2,305	228	315	2,078	183	17,436	35
1969—70	1	228	1,934	249	413	1,880	73	18,517	25
1970—71	5	196	1,773	353	361	2,143	53	15,014	25
1971—72	5	33	1,896	390	271	1,698	39	11,204	1
1972—73	12	—	1,838	388	251	1,658	37	14,903	7
1973—74	13	—	1,812	234	224	1,817	21	15,266	58
1974—75	13	—	1,343	238	451	1,707	15	14,456	21
1975—76	13	—	1,918	57	410	—	56	11,560	49
1976—77	19	—	1,193	184	242	—	29	8,189	30
1977—78	32	—	300	205	582	—	18	7,119	48

¹) Exclusive small whales. — See tables Z⁸—Z¹¹. ²) No information.

Table f.—Whaling results for the various countries. All areas.
Oil production in barrels.¹⁾²⁾

Years.	All countries.	Australia.	Brazil.	Canada.	Chile.	Iceland.	Japan.	Bahamas.
1968—69 ..	1,205,332	27,045	5,046	20,376	5,300	16,518	423,955	³⁾
1969—70 ..	1,216,851	33,307	5,592	18,978	6,500	14,647	425,391	2,147
1970—71 ..	1,123,614	34,894	5,687	19,130	²⁾ 5,500	16,863	420,555	4,088
1971—72 ..	923,282	34,590	5,203	17,298	³⁾	14,550	358,742	^{3) 4)}
1972—73 ..	859,296	33,415	4,874	—	³⁾	14,692	295,129	⁴⁾ 1,626
1973—74 ..	815,403	33,002	4,545	—	³⁾	14,639	251,648	⁴⁾ 1,840
1974—75 ..	772,778	34,610	6,148	—	³⁾	13,147	236,669	⁴⁾ 708
1975—76 ..	573,943	33,773	4,423	—	³⁾	13,034	144,024	—
1976—77 ..	460,064	23,123	5,355	—	³⁾	9,417	125,639	—
1977—78 ..	417,387	23,129	3,477	—	³⁾	11,365	75,972	—

	Norway.	Peru.	Portugal.	Spain.	South Africa.	United States of America.	U.S.S.R.
1968—69	6,435	46,978	5,364	²⁾ 8,740	50,657	4,533	584,385
1969—70	6,835	40,245	6,293	²⁾ 11,300	45,002	1,724	598,890
1970—71	6,248	31,271	8,149	²⁾ 8,980	46,959	1,115	514,175
1971—72	836	29,741	8,084	²⁾ 7,220	46,194	—	400,824
1972—73	—	27,441	9,292	²⁾ 6,480	40,704	—	425,643
1973—74	—	22,856	4,681	²⁾ 5,620	41,648	—	434,924
1974—75	—	17,283	4,910	8,775	36,588	—	413,940
1975—76	—	29,518	1,386	10,455	—	—	337,330
1976—77	—	17,488	3,644	6,292	—	—	269,106
1977—78	—	³⁾	3,256	14,259	—	—	285,929

¹⁾ Barrel = 170 kg. (Barrel = abt. 1/6 long ton, 1 long ton = 1,016 kg) ²⁾ Calculated. ³⁾ No information.

⁴⁾ Somali Rep. ⁵⁾ Inclusive oil produced of minke whales — see table 1.

Table g.—Sperm-oil production.

Grounds	1971/72	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Antarctic, pelagic	133,377	167,734	176,801	152,192	116,529	78,248	102,421
Africa:							
Natal	42,923	37,494	39,883	35,135	—	—	—
South Atlantic, pelagic	38,432	54,800	39,231	70,577	59,820	41,012	34,741
Brazil	1,047	770	247	566	149	337	324
North Atlantic and Arctic:							
Azores	6,785	7,627	3,012	2,915	²⁾	2,262	3,256
Madeira	1,299	1,665	1,669	1,995	1,386	1,382	²⁾
Spain	¹⁾ 3,620	¹⁾ 3,560	¹⁾ 3,340	²⁾	²⁾	²⁾	²⁾
Norway	—	—	—	—	—	—	—
Iceland	3,887	2,519	3,672	1,929	5,115	4,707	5,997
Newfoundland	76	—	—	—	—	—	—
Nova Scotia	1,799	—	—	—	—	—	—
Pacific North:							
California	—	—	—	—	—	—	—
Pelagic, Japan	72,365	82,959	78,223	65,624	31,217	36 294	15,306
Pelagic, U.S.S.R.	70,512	102,229	94,470	84,603	97,677	94,495	102,476
Japan, coastal	60,314	51,800	46,112	45,962	51,298	42,691	37,789
Indian Ocean	48,131	10,906	23,823	21,153	19,239	29,324	23,389
South Pacific Ocean	31,384	37,411	29,082	47,135	30,782	5,133	13,930
Peru	26,629	24,629	18,841	13,665	25,830	14,806	²⁾
Chile	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾
Australia	34,590	33,415	33,002	34,610	33,773	23,123	23,129
	577,170	619,518	591,408	578,061	472,815	373,814	362,758
Of which produced by:							
Norway	800	—	—	—	—	—	—
South Africa	42,923	37,494	39,883	35,135	—	—	—
Japan	158,885	154,759	135,799	138,556	100,720	86,955	62,089
U.S.S.R.	294,830	353,080	351,943	348,690	305,842	240,242	267,963
Canada	1,875	—	—	—	—	—	—
Portugal	8,084	9,292	4,681	4,910	1,386	3,644	3,256
Australia	34,590	33,415	33,002	34,610	33,773	23,123	23,129
Spain	¹⁾ 3,620	¹⁾ 3,560	3,340	²⁾	²⁾	²⁾	²⁾
Iceland	3,887	2,519	3,672	1,929	5,115	4,707	5,997
Peru	26,629	24,629	18,841	13,665	25 830	14,806	²⁾
Brazil	1,047	770	247	566	149	337	324
Chile	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾
U.S.A.	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—

¹⁾ Calculated ²⁾ No information.

Table h.—Average size of whales killed in the different grounds.

Species of whales and whaling grounds	1978	1977	1976	1975	1974	1973	1972
	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.
<u>Fin whales.</u>							
Antarctic:—							
Pelagic whaling		—	65,9	66,0	65,5	66,2	65,7
Africa:—							
Natal		—	—	60,7	62,4	62,0	61,5
Brazil		—	—	—	—	—	—
North Atlantic and Arctic:—							
Norway		—	—	—	—	—	—
Iceland	60,2	59,6	60,2	60,0	60,6	60,5	60,5
Newfoundland		—	—	—	—	—	59,5
Nova Scotia		—	—	—	—	—	56,8
Pacific North:—							
California		—	—	—	—	—	—
Pelagic, Japan		—	—	61,0	60,1	60,3	60,7
Pelagic, U.S.S.R.		—	—	60,5	58,5	60,8	60,0
Japan, coastal		—	—	58,9	60,7	59,2	58,4
<u>Sei whales.</u>							
Antarctic:—							
Pelagic whaling	49,0	47,7	47,8	47,8	47,9	47,5	47,1
Africa:—							
Natal		—	—	46,0	38,5	46,5	44,5
Brazil		48,0	47,7	45,0	43,3	47,4	48,4
North Atlantic and Arctic:—							
Iceland	44,7	44,2	43,7	43,6	42,4	43,8	43,2
Nova Scotia		—	—	—	—	—	43,7
Pacific North:—							
California		—	—	—	—	—	—
Pelagic, Japan		—	—	44,0	44,1	44,1	44,5
Pelagic, U.S.S.R.		—	—	45,5	45,0	43,8	46,0
Japan coastal		—	—	42,9	42,0	43,3	42,1
South Atlantic Ocean, pelagic.		—	—	43,5	43,2	43,7	45,4
<u>Bryde's whales.</u>							
Africa:—							
Natal		—	—	39,3	41,1	—	—
Pacific North:—							
Pelagic, Japan	41,8	41,6	42,2	42,1	41,9	—	—
Pelagic, U.S.S.R.	41,3	41,5	41,4	41,3	41,5	41,7	41,0
Japan coastal		40,8	40,2	41,3	40,5	39,8	40,2
<u>Minke whales.</u>							
Antarctic:—							
Pelagic whaling	28,3	28,2	27,8	27,8	27,3	26,7	28,0
Africa:—							
Natal		—	—	26,7	26,3	27,2	26,5
Brazil	28,3	27,9	28,7	28,3	28,7	28,4	29,3
North Atlantic and Arctic:—							
Newfoundland		—	—	—	—	—	21,3
Pacific North:—							
Japan coastal	20,9	—	—	—	—	—	—
<u>Sperm whales.</u>							
Antarctic:—							
Pelagic whaling	46,7	45,2	45,0	42,8	42,2	44,3	44,7

Cont. next p.

Table h cont.

Species of whales and whaling grounds	1978	1977	1976	1975	1974	1973	1972
	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.
Africa:—							
Natal	—	—	—	35,2	35,8	36,1	37,8
South Atlantic, pelagic	40,7	41,6	38,7	38,5	38,5	35,9	41,1
Brazil	32,5	32,4	34,6	31,5	31,1	31,3	35,7
North Atlantic and Arctic:—							
Norway	—	—	—	—	—	—	—
Iceland	48,2	47,2	47,9	49,2	50,0	49,5	49,4
Nova Scotia	37,2	—	—	—	—	—	45,8
Pacific North:—							
California	—	—	—	—	—	—	—
Pelagic, Japan	37,8	39,8	38,4	40,2	42,5	43,3	44,8
Pelagic, U.S.S.R.	45,1	38,5	37,7	36,6	36,5	36,6	43,1
Japan coastal	37,2	35,9	35,5	35,9	35,4	35,8	36,4
South Pacific Ocean, pelagic ..	36,4	34,6	36,1	37,8	35,3	35,7	41,5
Indian Ocean, pel	39,0	39,9	37,4	37,4	41,6	36,5	40,8
Australia	40,3	41,2	40,0	38,1	38,7	40,0	40,9

Table i.—North Atlantic and Arctic.
(Exclusive Azores, Madeira and Spain.)

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.	
<i>North Atlantic and Arctic. Total</i>	1969	-	860	8	222	219	-	1,249	Barr. ¹⁾ 43,329	6	-	13	
	1970	-	911	15	139	139	-	1,204	38,252	5	-	12	
	1971	-	663	24	476	205	-	1,368	40,250	5	-	10	
	1972	-	599	3	315	120	-	1,037	31,848	4	-	8	
	1973	-	269	9	139	47	1	465	14,692	1	-	4	
	1974	-	289	11	9	71	-	380	14,639	1	-	4	
	1975	-	246	9	141	37	-	433	13,147	1	-	4	
	1976	-	281	7	5	111	-	404	13,034	1	-	4	
	1977	-	153	10	132	110	-	405	9,417	1	-	4	
	1978	-	248	21	14	141	-	424	11,365	1	-	4	
<i>Norway.</i>	1969	-	16	-	1	111	-	128	6,435	2	-	4	
	1970	-	44	-	-	51	-	95	4,327	1	-	2	
	1971	-	37	-	-	62	-	99	4,257	1	-	3	
	1972	-	-	-	-	-	-	-	-	-	-	-	
<i>Faroe Islands.</i>	1978	-	7	-	-	-	-	7	-	-	-		
<i>Iceland.</i>	1969	-	251	-	69	103	-	423	16,518	1	-	4	
	1970	-	272	-	44	61	-	377	14,647	1	-	4	
	1971	-	208	-	240	106	-	554	16,863	1	-	4	
	1972	-	238	-	132	76	-	446	14,550	1	-	4	
	1973	-	267	-	139	47	-	453	14,692	1	-	4	
	1974	-	285	-	9	71	-	365	14,639	1	-	4	
	1975	-	245	-	138	37	-	420	13,147	1	-	4	
	1976	-	275	-	3	111	-	389	13,034	1	-	4	
	1977	-	144	-	132	110	-	386	9,417	1	-	4	
	1978	-	236	-	14	141	-	391	11,365	1	-	4	
<i>Greenland.</i>	1969	-	-	3	-	-	-	3	-	-	-		
	1970	-	-	-	1	-	-	1	-	-	-		
	1971	-	-	4	1	-	-	5	-	-	-		
	1972	-	1	3	-	1	-	5	-	-	-		
	1973	-	2	9	-	-	1	12	-	-	-		
	1974	-	4	9	-	-	-	13	-	-	-		
	1975	-	1	9	3	-	-	13	-	-	-		
	1976	-	6	5	2	-	-	13	-	-	-		
	1977	-	9	10	-	-	-	19	-	-	-		
	1978	-	5	20	-	-	-	25	-	-	-		
<i>Nova Scotia.</i>	1969	-	157	-	149	-	-	306	7,033	1	-	2	
	1970	-	170	1	93	25	-	289	7,168	1	-	2	
	1971	-	117	4	235	37	-	393	9,951	1	-	1	
	1972	-	95	-	183	41	-	319	8,325	1	-	1	
<i>Newfoundland and Labrador.</i>	1969	-	376	5	3	5	-	389	13,343	2	-	3	
	1970	-	406	14	1	2	-	423	11,810	2	-	3	
	1971	-	301	16	-	-	-	317	9,179	2	-	2	
	1972	-	265	-	-	2	²⁾	267 ³⁾	8,973	2	-	3	
<i>The West Indies.</i>	1974	-	-	2	-	-	-	2	-	-	-		
	1976	-	-	2	-	-	-	2	-	-	-		
	1978	-	-	1	-	-	-	1	-	-	-		
<i>Pelagic.</i>	1970	-	19	-	-	-	-	19	300	-	1		

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{8}$ long ton). ²⁾ In addition minke whales — See table Z². ³⁾ Incl. of from minke whales.

Table j.—Azores.

Years	Species of whales caught.							Oil production. Barrels.	Expeditions. ¹⁾		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	-	-	-	145	-	145	3,999	-	-	-
1970	-	-	-	-	205	-	205	5,432	-	-	-
1971	-	-	-	-	286	-	286	6,984	-	-	-
1972	-	-	-	-	327	-	327	6,785	-	-	-
1973	-	-	-	-	311	-	311	7,627	-	-	-
1974	-	-	-	-	146	-	146	3,012	-	-	-
1975	-	-	-	-	150	-	150	2,915	-	-	-
1976	-	-	-	-	²⁾	-	²⁾	-	-	-	-
1977	-	-	-	-	³⁾ 102	-	³⁾ 102	³⁾ 2,262	-	-	-
1978	-	-	-	-	³⁾ 125	-	³⁾ 125	³⁾ 3,256	-	-	-

¹⁾ Several small shore stations. ²⁾ No information. ³⁾ Inofficial figures.

Table k.—Madeira.

Years	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	-	-	-	83	-	83	1,365	-	-	-
1970	-	-	-	-	44	-	44	861	-	-	-
1971	-	-	-	-	67	-	67	1,165	-	-	-
1972	-	-	-	-	63	-	63	1,299	-	-	-
1973	-	-	-	-	77	-	77	1,665	-	-	-
1974	-	-	-	-	88	-	88	1,669	-	-	-
1975	-	-	-	-	88	-	88	1,995	-	-	-
1976	-	-	-	-	57	-	57	1,386	-	-	-
1977	-	-	-	-	82	-	82	1,382	-	-	-
1978	-	-	-	-	80	-	80	-	-	-	-

¹⁾ Several small shore stations.

Table l.—Spain.

Years	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	-	-	-	193	¹⁾ 122	315	²⁾ 8,740	3	-	3
1970	-	152	-	-	261	-	413	²⁾ 11,300	3	-	3
1971	-	88	-	-	273	-	361	²⁾ 8,980	3	-	3
1972	-	90	-	-	181	-	271	²⁾ 7,220	3	-	3
1973	-	73	-	-	178	-	251	²⁾ 6,480	3	-	3
1974	-	57	-	-	167	-	224	²⁾ 5,620	3	-	3
1975	-	220	-	-	231	-	451	8,775	3	-	3
1976	-	290	-	-	120	-	410	10,455	3	-	3
1977	-	164	-	-	78	-	242	6,292	2	-	2
1978	-	402	-	-	180	-	582	14,259	2	-	5

¹⁾ Baleen whales. No specification. ²⁾ Calculated.

Table m.—South Atlantic Ocean. (North of 40° South Lat.)

1. Catch by floating factories on voyage to and from the Antarctic whaling grounds.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	-	-	-	655	-	655	19,824	-	1) (2)	1) -
1970	-	-	-	-	907	-	907	26,846	-	1) (2)	1) -
1971	-	-	-	2	886	-	888	28,200	-	1) (2)	1) -
1972	-	-	-	8	1,277	-	1,285	37,632	-	1) (2)	1) -
1973	-	-	-	-	2,288	-	2,288	54,800	-	1) (2)	1) -
1974	-	-	-	-	1,258	-	1,258	39,231	-	1)	1)
1975	-	-	-	-	2,290	-	2,290	70,577	-	1)	1)
1976	-	-	-	-	2,162	-	2,162	59,820	-	1)	1)
1977	-	-	-	-	1,086	-	1,086	41,012	-	1)	1)
1978	-	-	-	-	1,054	-	1,054	34,741	-	1)	1)

1) The material is included in the Antarctic statistics.

2. Catch by combined floating factory/catcher.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	-	-	318	128	-	446	1)	-	-	1
1970	-	-	-	455	255	-	710	3,903	-	-	2
1971	-	-	-	378	321	-	699	6,079	-	-	2
1972	-	-	-	148	30	-	178	2) 800	-	-	2
1973	-	1	-	490	-	-	491	1,626	-	-	1
1974	-	2	-	449	-	-	451	1,840	-	-	1
1975	-	1	-	275	-	-	276	708	-	-	1
1976 ³⁾	-	-	-	23	-	-	23	-	-	-	-
1977	-	-	-	-	-	-	-	1)	-	-	-
1978	-	-	-	-	-	-	-	1)	-	-	-

1) No information. 2) Oil produced of 148 sei whales. 3) January — February 16 th.

Table n.—Africa.

Grounds.	Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.			
		Blue	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
Natal.	1969	-	150	-	40	1,885	1) 3	2,078	50,657	1	-	7	
	1970	-	47	-	8	1,824	1) 1	1,880	45,002	1	-	7	
	1971	-	64	-	10	2,068	1) 1	2,143	46,959	1	-	6	
	1972	-	51	-	4	1,640	1) 3	1,698	46,194	1	-	6	
	1973	-	41	1	4	1,606	1) 6	1,658	40,704	1	-	6	
	1974	-	21	-	4	1,783	1) 9	1,817	41,648	1	-	6	
	1975	-	21	-	1	1,682	1) 3	1,707	36,588	1	-	5	

1) Bryde's whales. 2) In addition minke whales — see table Z³. 3) Incl. oil from minke whales.

Table o.—Pacific North.
(Exclusive Japan, Bering Sea, and Kuril Islands.)

Grounds.	Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.				
		Blue.	Fin.	Hump-back.	Sel.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.		
California.	1969	—	31	—	10	68	¹⁾ 74	183	4,533	1	—	3		
	1970	—	5	—	4	64	—	73	1,724	1	—	3		
	1971	—	4	—	2	47	—	53	1,115	1	—	3		
U.S.S.R. coastal	1969	—	9	2	—	—	¹⁾ 139	150	—	—	—	—		
	1970	—	—	—	—	—	¹⁾ 146	146	—	—	—	—		
	1971	—	—	—	—	—	¹⁾ 150	150	—	—	—	—		
	1972	—	2	4	—	—	²⁾ 182	188	—	—	—	—		
	1973	—	3	—	—	—	³⁾ 175	178	—	—	—	—		
	1974	—	1	—	—	—	⁴⁾ 184	185	—	—	—	—		
	1975	—	1	—	—	—	⁵⁾ 173	174	—	—	—	—		
	1976	—	—	—	—	—	¹⁾ 163	163	—	—	—	—		
	1977	—	—	—	—	—	¹⁾ 186	186	—	—	—	—		
1978	—	—	—	—	—	¹⁾ 182	182	—	—	—	—			
U.S.A.	1972	—	—	—	—	—	⁶⁾ 39	39	—	—	—	—		
	1973	—	—	—	—	—	⁷⁾ 37	37	—	—	—	—		
	1974	—	—	—	—	—	⁸⁾ 21	21	—	—	—	—		
	1975	—	—	—	—	—	⁷⁾ 15	15	—	—	—	—		
	1976	—	—	—	—	—	⁷⁾ 56	56	—	—	—	—		
	1977	—	—	—	—	—	⁷⁾ 29	29	—	—	—	—		
1978	—	—	—	—	—	⁷⁾ 18	18	—	—	—	—			
Canada.	1975	—	—	—	—	—	⁷⁾ 1	1	—	—	—	—		

¹⁾ Gray whales. ²⁾ 181 gray whales and 1 right whale. ³⁾ 173 gray whales and 2 right whales. ⁴⁾ 181 gray whales and 3 right whales. ⁵⁾ 171 gray whales and 2 right whales. ⁶⁾ 38 right whales and 1 gray whale. ⁷⁾ Right whales. ⁸⁾ 20 right whales and 1 gray whale.

Table p.—Japan.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sel.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	76	—	466	3,668	¹⁾ 89	4,299	87,124	7	—	14
1970	—	77	—	484	3,484	¹⁾ 73	4,118	74,273	7	—	12
1971	—	66	—	276	3,328	¹⁾ 172	3,842	73,532	6	—	12
1972	—	82	—	215	3,020	¹⁾ 125	3,442	64,720	8	—	12
1973	—	43	—	43	2,436	¹⁾ 71	2,593	53,740	8	—	12
1974	—	24	—	48	2,361	¹⁾ 187	2,620	48,485	7	—	12
1975	—	11	—	30	2,307	¹⁾ 116	2,464	47,310	5	—	12
1976	—	—	—	—	2,487	¹⁾ 83	2,570	51,766	5	—	12
1977	—	—	—	—	2,017	¹⁾ 76	2,093	43,168	4	—	7
1978	—	—	—	—	1,730	¹⁾ 62	1,792	38,137	4	—	7

¹⁾ Bryde's whales.

Table q.—North Pacific Ocean and Bering Sea. — Japan.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sel.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	576	—	3,591	3,000	—	7,167	174,900	—	3	27
1970	—	518	—	3,235	2,700	—	6,453	181,159	—	3	27
1971	—	542	—	2,431	1,803	¹⁾ 98	4,874	145,571	—	3	26
1972	—	426	—	2,041	1,567	¹⁾ 5	4,039	112,071	—	3	25
1973	—	256	—	1,710	1,803	¹⁾ 2	3,771	106,406	—	3	22
1974	—	216	—	1,190	1,803	¹⁾ 522	3,731	108,352	—	3	21
1975	—	118	—	454	1,803	¹⁾ 688	3,063	82,683	—	3	18
1976	—	—	—	—	1,053	¹⁾ 578	1,631	37,529	—	1	9
1977	—	—	—	—	1,061	¹⁾ 424	1,485	40,471	—	1	8
1978	—	—	—	—	535	¹⁾ 200	735	17,306	—	1	7

¹⁾ Bryde's whales.

Table r.—North Pacific Ocean and Bering Sea — U.S.S.R.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	593	-	1,091	8,211	-	9,895	322,436	-	3	31
1970	-	412	-	782	8,585	¹⁾ 66	9,845	308,518	-	2	30
1971	-	190	-	296	5,525	¹⁾ 638	6,649	231,746	-	2	28
1972	-	250	-	71	1,736	¹⁾ 71	2,128	78,600	-	2	19
1973	-	161	-	103	4,329	¹⁾ 656	5,249	111,970	-	3	46
1974	-	173	-	42	3,963	¹⁾ 654	4,832	103,534	-	2	29
1975	-	33	-	24	3,750	¹⁾ 629	4,436	89,247	-	2	26
1976	-	-	-	-	3,671	¹⁾ 679	4,350	102,142	-	2	31
1977	-	-	-	-	3,266	¹⁾ 275	3,541	95,789	-	2	24
1978	-	-	-	-	2,164	¹⁾ 216	2,380	103,341	-	3	30

¹⁾ Bryde's whales.

Table s.—Brazil.

Years.	Species of whales caught.							Oil production. ²⁾ Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others. ¹⁾	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	-	-	62	75	-	137	5,046	1	-	1
1970	-	-	-	26	76	-	102	5,592	1	-	1
1971	-	-	-	20	55	-	75	5,687	1	-	1
1972	-	1	-	5	66	-	72	5,203	1	-	1
1973	-	-	-	7	75	-	82	4,874	1	-	1
1974	-	-	-	3	29	-	32	4,545	1	-	1
1975	-	-	-	3	54	-	57	6,148	1	-	1
1976	-	-	-	3	9	-	12	4,423	1	-	1
1977	-	-	-	5	25	-	30	5,355	1	-	³⁾ 2
1978	-	-	-	-	24	-	24	3,477	1	-	1

¹⁾ In addition minke whales — see table Z'. ²⁾ Incl. oil from minke whales. ³⁾ 2 catchers for part of the season only.

Table t.—Peru.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei. ³⁾	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	74	-	784	1,447	-	2,305	46,978	1	-	4
1970	-	85	-	413	1,436	-	1,934	40,245	1	-	4
1971	-	37	-	415	1,321	-	1,773	31,271	1	-	4
1972	-	9	-	337	1,550	-	1,896	29,741	1	-	3
1973	-	11	-	19	1,497	²⁾ 311	1,838	27,441	1	-	3
1974	-	5	-	63	1,286	²⁾ 458	1,812	22,856	1	-	3
1975	-	5	-	130	793	²⁾ 415	1,343	17,283	1	-	3
1976	-	8	-	12	1,500	²⁾ 398	1,918	29,518	1	-	3
1977	-	2	-	5	799	²⁾ 387	1,193	17,488	1	-	3
1978	-	-	-	3	-	²⁾ 297	300	¹⁾	1	-	3

¹⁾ No information. ²⁾ Bryde's whales. ³⁾ Sei and Bryde's whales for 1969—1972.

Table u.—Chile.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	—	1	31	221	²⁾	253	¹⁾ 5,300	1	—	4
1970	1	3	—	17	270	—	291	¹⁾ 6,500	1	—	3
1971	1	3	—	1	246	2	253	¹⁾ 5,500	1	—	3
1972	—	—	—	15	337	—	352	³⁾	1	—	3
1973	—	—	—	14	232	—	246	³⁾	1	—	3
1974	—	2	—	34	125	—	161	³⁾	1	—	3
1975	—	—	—	58	48	—	106	³⁾	1	—	3
1976	—	—	—	2	85	—	87	³⁾	1	—	3
1977	—	—	—	15	40	—	55	³⁾	1	—	3
1978 ⁴⁾	—	—	—	52	79	—	131	³⁾	1	—	3

¹⁾ Calculated. ²⁾ In addition 1 killer whale. ³⁾ No information. ⁴⁾ January — June 1978.

Table v.—South Pacific Ocean. (North of 40° South Lat.)

1. Catch by floating factories on voyage to and from the Antarctic whaling grounds.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	—	—	—	—	—	—	—	—	—	—
1970	—	—	—	—	156	—	156	5,289	—	²⁾ (1)	²⁾ —
1971	3	—	—	—	732	¹⁾ 1	736	21,892	—	²⁾ (2)	²⁾ —
1972	—	—	—	—	971	—	971	31,384	—	²⁾ (2)	²⁾ —
1973	—	—	—	—	1,730	—	1,730	37,411	—	²⁾ (2)	²⁾ —
1974	—	—	—	—	1,407	—	1,407	29,082	—	²⁾	²⁾ —
1975	—	—	—	—	1,685	—	1,685	47,135	—	²⁾	²⁾
1976	—	—	—	—	1,284	—	1,284	30,782	—	²⁾	²⁾
1977	—	—	—	—	192	¹⁾ 120	312	6,209	—	²⁾	²⁾
1978	—	—	—	—	509	¹⁾ 114	623	14,965	—	²⁾	²⁾

¹⁾ Bryde's whales. ²⁾ Incl. in the Antarctic statistics.

2. Tonga Islands.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1973	—	—	3	—	—	—	3				
1974	—	—	4	—	—	—	4				
1975	—	—	8	—	—	—	8				
1976	—	—	4	—	—	—	4				
1977	—	—	4	—	—	—	4				
1978	—	—	11	—	—	—	11				

Table w.—Indian Ocean. (North of 40° South Lat.)¹⁾

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	—	—	—	—	570	—	570	18,234	—	²⁾ (3)	²⁾ —
1970	—	—	—	—	1,226	—	1,226	35,357	—	²⁾ (4)	²⁾ —
1971	5	—	—	—	1,564	³⁾ 2	1,571	43,366	—	²⁾ (5)	²⁾ —
1972	—	—	—	—	1,691	—	1,691	48,131	—	²⁾ (4)	²⁾ —
1973	—	—	—	—	522	—	522	10,906	—	²⁾ (1)	²⁾ —
1974	—	—	—	—	723	—	723	23,823	—	²⁾	²⁾ —
1975	—	—	—	—	793	—	793	21,153	—	²⁾	²⁾
1976	—	—	—	—	771	—	771	19,239	—	²⁾	²⁾
1977	—	—	—	—	795	³⁾ 105	900	30,636	—	²⁾	²⁾
1978	—	—	—	—	814	³⁾ 5	819	23,407	—	²⁾	²⁾

¹⁾ Catch by fl. factories outside the Antarctic grounds. ²⁾ Incl. in the Antarctic statistics. ³⁾ Bryde's whales.

Table x.—Australia.

Years	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1969	-	-	-	-	679	-	679	27,045	1	-	3
1970	-	-	-	-	799	-	799	33,307	1	-	3
1971	-	-	-	-	860	-	860	34,894	1	-	3
1972	-	-	-	-	953	-	953	34,590	1	-	3
1973	-	-	-	-	971	-	971	33,415	1	-	3
1974	-	-	-	-	1,080	-	1,080	33,002	1	-	3
1975	-	-	-	-	1,172	-	1,172	34,610	1	-	3
1976	-	-	-	-	995	-	995	33,773	1	-	3
1977	-	-	-	-	624	-	624	23,123	1	-	3
1978	-	-	-	-	679	-	679	23,129	1	-	3

Table y.— Republic of Korea.

Years	Species of whales caught							Oil production Barrels ¹⁾	Expeditions ¹⁾		
	Blue	Bryde's	Hump-back	Sei	Sperm	Others	Total of whales		Shore stations	Floating fact.	Catchers.
1965	-	17	2	-	-	-	19				
1966	-	14	5	-	-	3	22				
1967	-	20	-	-	-	1	21				
1968	-	25	-	3	-	-	28				
1969	-	35	-	-	-	-	35				
1970	-	25	-	-	-	-	25				
1971	-	25	-	-	-	-	25				
1972	-	1	-	-	-	-	1				
1973	-	4	-	-	-	-	4				
1974	-	52	-	-	-	-	52				
1975	-	13	-	-	-	-	13				
1976	-	43	-	-	-	-	43				
1977	-	26	-	-	-	-	26				
1978	-	34	-	-	-	2	36				

¹⁾ No information.

Table Z¹. — Production of by-products in the Antarctic and on other whaling grounds.

	Whale meal, bone meal	Whale liver	Liver oil Mill. Units Vitamin A	Whale meat, blubber, ventral grooves	Whale solubles	Other products
	L. tons	L. tons		L. tons	L. tons	L. tons
1968-69	49,705	1,964	¹⁾ 9,637,000	159,021	5,934	24,140
1969-70	45,183	1,887	²⁾ 11,346,000	163,458	8,438	24,117
1970-71	38,852	1,778	11,049,000	158,644	9,282	16,308
1971-72	41,127	1,829	4,393,000	158,405	5,801	2,361
1972-73	38,161	1,686	5,613,000	127,949	5,772	16,129
1973-74	37,907	1,826	6,118,000	134,514	5,721	4,494
1974-75	35,459	1,700	5,795,000	128,988	3,917	1,719
1975-76	24,704	1,737	3,819,000	90,895	2,508	1,537
1976-77	20,958	1,302	148 l.t.	89,506	1,726	1,289
1977-78	15,869	1,432	820 l.t.	64,843	1,675	1,836

Cont. next p.

Table Z¹ cont.

	Whale meal, bone meal	Whale liver	Liver oil Mill. Units Vitamin A	Whale meat, blubber, ventral grooves	Whale solubles	Other products
	L. tons	L. tons		L. tons	L. tons	L. tons
<i>Summary by grounds:</i>						
1975/76						
Antarctic	7,982	1,737		- ³⁾ 66,308	-	155
Brazil	332	-		- ³⁾ 2,174	-	-
North Atlantic and Arctic:						
Azores ⁴⁾						
Madeira	75					
Spain ⁴⁾						
Iceland	1,492	-		3,592	-	46
Greenland ⁴⁾						
North Pacific Ocean, pel.						
Japan	264	-		6,227	-	4
U.S.S.R.	3,423	-	3,819,000	5,587	-	103
Japan, coastal	7,402	-		4,979	-	1,029
U.S.A., coastal ⁴⁾						
U.S.S.R., coastal ⁴⁾						
Peru	2,362	-		2,028	-	200
Chile ⁴⁾						
Australia	1,372	-			2,508	-
South Atlantic Ocean ⁴⁾						
Total	24,704	1,737	3,819,000	90,895	2,508	1,537
1976/77						
Antarctic, pelagic ⁵⁾	6,565	1,302		66,447	-	213
Brazil ³⁾	557	-		1,845	-	105
North Atlantic and Arctic:						
Azores ⁴⁾						
Madeira	81	-				
Spain ⁴⁾						
Iceland	1,123	-		3,508	-	35
Greenland ⁴⁾						
North Pacific Ocean, pel.						
Japan	262	-		5,822	-	5
U.S.S.R.	3,245	-	148 l.t.	5,339	-	11
Japan coastal	6,618	-		4,652	-	920
U.S.A., coastal ⁴⁾						
U.S.S.R., coastal ⁴⁾						
Peru	1,464	-		1,893	-	-
Chile ⁴⁾						
Australia	1,043	-			1,726	-
South Atlantic Ocean ⁴⁾						
Total	20,958	1,302	148 l.t.	89,506	1,726	1,289

¹⁾ In addition 21 tons. ²⁾ In addition 10 tons. ³⁾ Inclusive products from minke whales. ⁴⁾ No information. ⁵⁾ Inclusive products from minke whales and whales caught north of 40° S.

Table Z¹ cont.

	Whale meal, bone meal	Whale liver	Liver oil Mill. Units Vitamin A	Whale meat, blubber, ventral grooves	Whale solubles	Other products
	L. tons	L. tons	L. tons	L. tons	L. tons	L. tons
<i>Summary by grounds: 1977/78</i>						
Antarctic ¹⁾	5,426	1,396	681	46,182	--	39
Brazil ²⁾	320	--	--	1,742	--	--
North Atlantic and Arctic:						
Azores ³⁾						
Madeira ³⁾						
Spain ²⁾						
Iceland	1,424	--	--	4,353	--	110
Greenland ³⁾						
North Pacific Ocean, pel.						
Japan	--	--	--	1,614	--	1,507
U.S.S.R.	3,065	36	139	4,841	--	4
Japan coastal	4,606	--	--	6,111	--	173
U.S.A. coastal ³⁾						
U.S.S.R. coastal ³⁾						
Peru ³⁾						
Chile ³⁾						
Australia	1,028	--	--	--	1,675	3
South Atlantic Ocean ³⁾						
Total	15,869	1,432	820	64,843	1,675	1,836

¹⁾ Including by-products from minke whales and whales caught north of 40° South. ²⁾ Including by-products from minke whales. ³⁾ No information.

Table Z.²— Catch of small whales by species and countries.

Years countries	Species of whales caught								
	Minke whales	Bottle- nosed whales	Pilot whales	Killer whales	White whales	Baird's beaked whales	Nar- whal	Common porp.	Others
1969	4,111	486	1,552	248	1,333	138	246	1,339	56
1970	4,539	536	738	277	1,827	113	505	7,184	486,091
1971	4,787	213	1,215	94	750	118	262	5,420	315,006
1972	7,927	19	603	50	1,207	86	120	8,647	340,417
1973	10,438	30	1,191	25	1,607	32	546	18,378	199,405
1974	11,649	4	807	60	1,416	32	460	3,796	116,818
1975	11,221	3	1,349	49	721	46	372	5,827	175,805
1976	10,176	1	660	17	1,588	13	406	5,919	138,652
1977	12,398	2	1,040	53	1,324	44	497	4,320	67,755
1978	9,018	5	1,346	162	793	36	683	666	4
1969.									
Bahamas	3	—	—	—	—	—	—	—	—
Brazil	617	—	—	—	—	—	—	—	—
Canada	50	—	—	—	355	—	25	—	—
Denmark:									
Faroe Islands	—	—	1,395	—	—	—	—	—	—
Greenland ...	263	—	—	1	978	—	221	1,339	—
Japan	272	—	130	16	—	138	—	—	56
Norway	2,391	485	27	231	—	—	—	—	—
Rep. of Korea ..	386	—	—	—	—	—	—	—	—
South Africa ..	112	—	—	—	—	—	—	—	—
U.S.S.R.	17	1	—	—	—	—	—	—	—
Total	4,111	486	1,552	248	1,333	138	246	1,339	56
1970.									
Bahamas	1	—	—	—	—	—	—	—	—
Brazil	701	—	—	—	—	—	—	—	—
Canada	86	—	155	—	411	—	88	—	—
Denmark:									
Faroe Islands	—	—	388	—	—	—	—	—	60
Greenland ...	197	1	—	1	1,416	—	417	1,184	2
Japan	330	—	152	12	—	113	—	—	29
Norway	2,308	535	43	257	—	—	—	—	—
Rep. of Korea ..	715	—	—	—	—	—	—	—	—
South Africa ..	171	—	—	—	—	—	—	—	—
U.S.A.	—	—	—	—	—	—	—	6,000 ¹⁾	484,000
Other nations ..	—	—	—	—	—	—	—	—	2,000
U.S.S.R.	30	—	—	7	—	—	—	—	—
Total	4,539	536	738	277	1,827	113	505	7,184	486,091
1971.									
Brazil	900	—	—	—	—	—	—	—	—
Canada	73	—	—	2	²⁾ 13	—	30	—	—
Denmark:									
Faroe Islands	3	—	1,032	1	—	—	—	—	80
Greenland ...	186	—	—	2	737	—	232	1,320	1
Japan	289	—	181	10	—	118	—	—	25
Norway	2,362	213	—	70	—	—	—	—	—
Rep. of Korea ..	730	—	—	—	—	—	—	—	—
South Africa ..	204	—	—	—	—	—	—	—	—
U.S.A.	—	—	—	—	—	—	—	4,100 ¹⁾	305,900
Other nations ..	—	—	—	—	—	—	—	—	9,000
U.S.S.R.	40	—	2	9	—	—	—	—	—
Total	4,787	213	1,215	94	750	118	262	5,420	315,006

Cont. next p.

Table Z² cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- nosed whales	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Common porp.	Others
1972.									
Brazil	702	-	-	-	-	-	-	-	-
Canada	97	-	-	-)181	-	-	-	-
Denmark:									
Faroe Islands	-	-	511	-	-	-	-	-	-
Greenland ...	145	-	1	-	841	-	120	1,047	-
Iceland	35	-	-	-	-	-	-	-	-
Japan	3,354	-	91	3	-	86	-	-	17
Norway	2,650	17	-	28	-	-	-	-	-
Rep. of Korea .	767	-	-	-	-	-	-	-	-
Somali Republic	1	-	-	-	-	-	-	-	-
South Africa ..	135	-	-	17	-	-	-	-	-
U.S.A.	-	-	-	-	185	-	-	7,600 ¹⁾	298,400
Other nations ..	-	-	-	-	-	-	-	-	42,000
U.S.S.R.	41	2	-	2	-	-	-	-	-
Total	7,927	19	603	50	1,207	86	120	8,647	340,417
1973.									
Brazil	650	-	-	-	-	-	-	-	-
Canada	-	-	-	-	538	-	341	-	-
Denmark:									
Faroe Islands	-	-	1,050	1	-	-	-	-	-
Greenland ...	268	-	-	-	1,069	-	205	778	2
Great Britain .	-	-	64	-	-	-	-	-	-
Iceland	122	-	-	-	-	-	-	-	-
Japan	2,633	-	77	-	-	32	-	-	2
Norway	2,055	3	-	1	-	-	-	-	-
Rep. of Korea .	882	-	-	-	-	-	-	-	-
Somali Republic	2	-	-	-	-	-	-	-	-
South Africa ..	173	-	-	8	-	-	-	-	1
U.S.A.	-	-	-	-	-	-	-	17,600 ¹⁾	157,400
Other nations ..	-	-	-	-	-	-	-	-	42,000
U.S.S.R.	3,653	27	-	15	-	-	-	-	-
Total	10,438	30	1,191	25	1,607	32	546	18,378	199,405
1974.									
Brazil	765	-	-	-	-	-	-	-	-
Canada ³⁾	-	-	-	-	509	-	291	-	-
Denmark:									
Faroe Islands	-	-	673	-	-	-	-	-	4
Greenland ..	204	-	-	2	907	-	169	596	13
Great Britain .	-	-	71	-	-	-	-	-	-
Iceland	90	-	-	-	-	-	-	-	-
Japan	4,085	-	62	2	-	32	-	-	1
Norway	1,820	-	1	6	-	-	-	-	-
Rep. of Korea .	566	-	-	-	-	-	-	-	-
Somali Republic	2	-	-	-	-	-	-	-	-
South Africa ..	117	-	-	2	-	-	-	-	-
U.S.A.	-	-	-	-	-	-	-	3,200 ¹⁾	95,800
Other nations ..	-	-	-	-	-	-	-	-	21,000
U.S.S.R.	4,000	4	-	48	-	-	-	-	-
Total	11,649	4	807	60	1,416	32	460	3,796	116,818

Cont. next p.

Table Z² cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- nosed whales	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Common porp.	Others
1975.									
Brazil	1,039	-	-	-	-	-	-	-	-
Canada	-	-	-	-	321	-	251	-	-
Denmark:									
Faroe Islands	-	-	1,080	-	-	-	-	-	-
Greenland ..	171	-	81	-	400	-	121	627	-
Great Britain ..	-	-	135	-	-	-	-	-	-
Iceland	181	-	-	-	-	-	-	-	-
Japan	3,869	-	53	3	-	46	-	-	5
Norway	1,788	-	-	2	-	-	-	-	-
Rep. of Korea .	561	-	-	-	-	-	-	-	-
Somali Republic	2	-	-	-	-	-	-	-	-
South Africa ..	110	-	-	4	-	-	-	-	-
U.S.A.	-	-	-	-	-	-	-	5,200 ¹⁾	128,800
Other nations ..	-	-	-	-	-	-	-	-	47,000
U.S.S.R.	3,500	3	-	40	-	-	-	-	-
Total	11,221	3	1,349	49	721	46	372	5,827	175,805
1976.									
Brazil	776	-	-	-	-	-	-	-	-
Canada	-	-	-	-	529	-	300	-	-
Denmark									
Faroe Islands	-	-	531	-	-	-	-	-	44
Greenland ...	169	-	1	-	1 059	-	106	519	5
Great Britain ..	-	-	117	-	-	-	-	-	-
Iceland	197	-	-	-	-	-	-	-	-
Japan	3,377	-	11	1	-	13	-	-	3
Norway	2,146	-	-	-	-	-	-	-	-
Rep. of Korea ..	494	-	-	-	-	-	-	-	-
Somali Republic ⁴⁾	-	-	-	-	-	-	-	-	-
U.S.A.	-	-	-	-	-	-	-	5,400 ¹⁾	98,600
Other nations ..	-	-	-	-	-	-	-	-	40,000
U.S.S.R.	3,017	1	-	16	-	-	-	-	-
Total	10,176	1	660	17	1,588	13	406	5,919	138,652

Cont. next p.

Table Z² cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- nosed whales	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Common porp.	Others
1977									
Brazil	1,000	—	—	—	—	—	—	—	—
Canada	—	—	—	14	620	—	263	—	—
Denmark:									
Faroe Islands	—	—	898	—	—	—	—	—	—
Greenland ...	251	—	71	2	704	—	234	1,010 ⁵⁾	84
Great Britain ..	—	—	65	—	—	—	—	—	—
Iceland.....	194	—	—	—	—	—	—	—	—
Japan	4,198	—	6	1	—	44	—	—	1
Norway	1,772	—	—	7	—	—	—	—	—
Rep. of Korea ..	1,033	—	—	—	—	—	—	—	—
USA	—	—	—	—	—	—	—	3,310	¹⁾ 23,690
Other nations .	—	—	—	—	—	—	—	—	44,000
U.S.S.R.,	3,950	2	—	29	—	—	—	—	—
Total	12,398	2	1,040	53	1,324	44	497	4,320	67,775
1978									
Brazil	690	—	—	—	—	—	—	—	—
Canada	—	—	—	—	406	—	279	—	—
Denmark:									
Faroe Islands	—	2	1,238	31	—	—	—	—	—
Greenland ²⁾ .	120	—	97	—	387	—	404	666	4
Great Britain ⁴⁾ .	—	—	—	—	—	—	—	—	—
Iceland	198	—	—	—	—	—	—	—	—
Japan	2,800	—	11	—	—	36	—	—	—
Norway	1,592	—	—	54	—	—	—	—	—
Rep. of Korea .	1,018	—	—	—	—	—	—	—	—
USA ⁴⁾	—	—	—	—	—	—	—	—	—
Other nations ⁴⁾ .	—	—	—	—	—	—	—	—	—
U.S.S.R.	2,600	3	—	77	—	—	—	—	—
Total	9,018	5	1,346	162	793	36	683	666	4
1979 ⁶⁾									
Japan	2,733	—	—	—	—	—	—	—	—
U.S.S.R.	2,733	—	—	49	—	—	—	—	—

¹⁾ See Introduction. ²⁾ Data incomplete. ³⁾ According to International Fisheries and Marine Directorate represent all figures confirmed landings. Totals do not include abandoned animals and cripple losses. Realistic totals would be obtained by multiplying the narwhal numbers by 2 and the beluga numbers by 1.5 e.g. 582 narwhal and 764 beluga. See also Introduction to No. LXXIII page 11. ⁴⁾ No information. ⁵⁾ Others or unspecified. ⁶⁾ Antarctic 1978/79. ⁷⁾ Provisional figures.

**Table Z³.—Catch of Minke whales (*Balaenoptera acutorostrata*)
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1969	—	—	17	73	583	1,246	106	363	3	—	—	—	2,391
	1970	—	—	3	85	695	916	200	372	36	—	—	1	2,308
	1971	—	—	7	69	559	1,077	246	362	42	—	—	—	2,362
	1972	—	—	—	63	791	1,370	164	239	23	—	—	—	2,650
	1973	—	—	—	27	395	1,036	158	389	—	—	—	—	2,055
	1974	—	—	—	42	369	921	153	335	—	—	—	—	1,820
	1975	—	—	—	50	258	1,004	163	313	—	—	—	—	1,788
	1976	—	—	—	13	450	1,294	76	307	—	—	—	—	⁶⁾ 2,146
	1977	—	—	—	11	576	1,086	29	41	—	—	—	—	¹⁰⁾ 1,772
	1978	—	—	—	12	850	493	114	91	—	—	—	—	¹⁴⁾ 1,592
Of which:														
Coastal districts...	1969	—	—	17	19	271	457	25	75	—	—	—	—	864
	1970	—	—	3	63	151	361	67	94	4	—	—	—	743
	1971	—	—	4	48	152	224	68	27	10	—	—	—	533
	1972	—	—	—	32	273	79	8	4	1	—	—	—	397
	1973	—	—	—	23	172	153	14	30	—	—	—	—	392
	1974	—	—	—	27	230	116	31	45	—	—	—	—	449
	1975	—	—	—	44	91	115	35	70	—	—	—	—	355
	1976	—	—	—	13	73	81	12	34	—	—	—	—	213
	1977	—	—	—	11	181	311	2	—	—	—	—	—	¹¹⁾ 513
	1978	—	—	—	12	537	52	1	18	—	—	—	—	¹⁵⁾ 627
Barents Sea, Spitzbergen and Bear Island	1969	—	—	—	19	215	559	1	18	—	—	—	—	812
	1970	—	—	—	2	471	391	4	16	—	—	—	—	884
	1971	—	—	—	—	305	696	—	—	—	—	—	—	1,001
	1972	—	—	—	7	423	1,146	—	—	—	—	—	—	1,576
	1973	—	—	—	3	195	844	—	—	—	—	—	—	1,042
	1974	—	—	—	—	129	721	—	—	—	—	—	—	850
	1975	—	—	—	—	141	794	—	—	—	—	—	—	935
	1976	—	—	—	—	337	1,148	—	—	—	—	—	—	⁷⁾ 1,489
	1977	—	—	—	—	374	751	2	—	—	—	—	—	¹²⁾ 1,148
	1978	—	—	—	—	291	418	—	—	—	—	—	—	¹⁶⁾ 727
Shetland, Iceland, Greenland, Jan Mayen	1969	—	—	—	35	97	230	80	270	3	—	—	—	715
	1970	—	—	—	20	73	164	129	262	32	—	—	—	680
	1971	—	—	3	6	85	157	178	335	32	—	—	—	796
	1972	—	—	—	24	95	145	156	235	22	—	—	—	677
	1973	—	—	—	1	28	89	144	359	—	—	—	—	621
	1974	—	—	—	15	10	84	122	290	—	—	—	—	521
	1975	—	—	—	6	26	95	128	243	—	—	—	—	498
	1976	—	—	—	—	40	65	64	273	—	—	—	—	⁸⁾ 444
	1977	—	—	—	—	21	24	25	41	—	—	—	—	111
	1978	—	—	—	—	22	23	113	73	—	—	—	—	¹⁷⁾ 238
Antarctic ¹⁾	1969/70	—	—	—	—	—	—	—	—	—	—	—	—	1
	1970/71	—	—	—	15	17	—	—	—	—	—	—	—	32
Denmark:—														
Faroe Islands	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	—	—	—	—	—	—	—
	1971	—	—	—	—	—	—	3 ²⁾	—	—	—	—	—	3
Greenland														
	1969	—	—	—	—	—	—	—	—	—	—	—	—	263
	1970	1	1	2	8	31	31	40	26	28	22	7	—	197
	1971	—	—	1	17	16	20	26	38	27	31	10	—	186
	1972	—	—	—	6	14	28	30	23	17	10	17	—	145
	1973	2	3	2	17	24	46	52	39	21	36	18	8	268
	1974	—	—	—	10	15	14	29	39	28	40	26	3	204
	1975	—	—	—	1	2	10	16	27	29	26	46	14	171
	1976	—	8	2	3	18	19	27	19	24	33	16	—	169
	1977	—	5	9	8	26	46	36	35	30	29	7	1 ¹³⁾	251
	1978	—	—	—	13	11	13	18	17	22	15	5	6	120

Cont. next p.

Table Z³ cont.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Iceland	1972	-	-	-	-	-	-	-	-	-	-	-	-	35
	1973	-	-	-	-	-	-	-	-	-	-	-	-	122
	1974	-	-	6	8	9	2	10	26	14	12	3	-	90
	1975	-	-	3	30	13	22	37	36	7	12	-	-	181
	1976	-	-	1	6	5	6	42	55	62	15	3	-	197
	1977	-	-	3	14	34	37	73	33	-	-	-	-	194
1978	-	-	-	11	29	58	92	2	6	-	-	-	198	
Canada:—														
Newfoundland ...	1969	-	-	-	-	3	26	19	1	1	-	-	50	
	1970	-	-	-	-	26	45	15	-	-	-	-	86	
	1971	-	-	-	-	31	34	8	-	-	-	-	73	
	1972	-	-	-	-	36	27	31	2	1	-	-	97	
Japan:—														
Coastal districts ..	1969	-	-	2	32	66	61	52	13	4	-	-	230	
	1970	-	-	6	51	146	73	29	8	5	2	-	320	
	1971	-	-	8	59	46	85	50	23	12	2	-	285	
	1972	-	-	1	72	56	64	91	35	18	4	-	341	
	1973	-	-	10	73	110	144	70	69	52	13	-	541	
	1974	-	-	9	56	89	33	81	72	30	2	-	372	
	1975	-	-	6	38	78	64	75	78	30	1	-	370	
	1976	-	-	-	94	61	45	69	52	39	-	-	360	
	1977	-	-	-	32	75	30	34	31	46	-	-	248	
	1978	-	-	-	94	124	20	47	56	59	-	-	400	
Pacific, pelagic ...	1970	-	-	-	-	-	1	1	8	-	-	-	10	
Antarctic ¹⁾	1968/69	41	-	1	-	-	-	-	-	-	-	-	42	
	1969/70	-	-	-	-	-	-	-	-	-	-	-	-	
	1970/71	-	4	-	-	-	-	-	-	-	-	-	4	
	1971/72	1029	671	13	-	-	-	-	-	-	105	1195	3,013	
	1972/73	499	-	-	-	-	-	-	-	-	292	1301	2,092	
	1973/74	1043	549	7	-	-	-	-	-	-	905	1209	3,713	
	1974/75	947	321	-	-	-	-	-	-	-	944	1287	3,499	
	1975/76	185	1050	-	-	-	-	-	-	-	943	839	3,017	
	1976/77	2068	-	-	-	-	-	-	-	-	1736	146	3,950	
	1977/78	-	1343	-	-	-	-	-	-	-	135	922	2,400	
	1978/79	840	882	94	-	-	-	-	-	-	-	916	2,732	
Brazil	1969	-	-	-	-	-	6	49	88	137	150	153	617	
	1970	-	-	-	-	-	8	99	135	154	148	136	701	
	1971	-	-	-	-	-	6	77	100	251	313	153	900	
	1972	-	-	-	-	-	5	22	84	165	187	178	702	
	1973	-	-	-	-	-	-	6	88	144	210	168	650	
	1974	-	-	-	-	-	7	69	131	191	184	128	765	
	1975	-	-	-	-	-	14	79	191	227	268	188	1,039	
	1976	-	-	-	-	-	8	84	154	223	208	99	776	
	1977	-	-	-	-	-	1	37	117	182	355	299	1,000	
	1978	-	-	-	-	-	-	-	112	185	232	168	714	
Africa:—														
Natal	1969	-	-	-	12	19	31	13	21	16	-	-	112	
	1970	-	-	-	12	25	9	19	28	78	-	-	171	
	1971	-	-	-	14	31	30	32	55	42	-	-	204	
	1972	-	-	-	10	9	32	33	11	40	-	-	135	
	1973	-	-	-	-	7	60	55	25	26	-	-	173	
	1974	-	-	-	9	21	11	27	20	27	-	-	117	
	1975	-	-	-	3	2	17	12	44	32	-	-	110	

Cont. next p.

Table Z³ cont.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
U.S.S.R.:—														
Antarctic ¹⁾	1968/69	14	3	—	—	—	—	—	—	—	—	—	—	17
	1969/70	6	8	12	—	—	—	—	—	—	—	4	—	30
	1970/71	18	—	2	—	—	—	—	—	—	—	14	6	40
	1971/72	3	4	—	—	—	—	—	—	—	—	16	18	41
	1972/73	1188	—	—	—	—	—	—	—	—	—	312	2153	3,653
	1973/74	496	351	110	—	—	—	—	—	—	—	1596	1447	4,000
	1974/75	575	1175	—	—	—	—	—	—	—	—	627	1123	3,500
	1975/76	833	605	—	—	—	—	—	—	—	—	272	1307	3,017
	1976/77	1324	487	—	—	—	—	—	—	—	—	—	2139	3,950
	1977/78	799	530	—	—	—	—	—	—	—	—	—	1271	2,600
	1978/79	910	853	—	—	—	—	—	—	—	—	—	970	2,733
Somali Rep. ³⁾														
South Atlantic . . .	1969	—	—	—	—	—	—	—	—	—	—	—	—	3
	1970	—	—	—	—	—	—	—	—	—	—	—	—	1
	1972	—	—	—	—	—	—	—	—	—	—	1	—	1
	1973	—	—	—	—	—	1	—	—	—	—	1	—	2
	1974	—	—	1	—	—	—	—	—	—	—	1	—	2
	1975	—	—	—	—	—	—	—	1	1	—	—	—	2
Republic of Korea . .	1965	—	—	—	—	—	—	—	—	—	—	—	—	247
	1966	—	—	—	—	—	—	—	—	—	—	—	—	301
	1967	—	—	—	—	—	—	—	—	—	—	—	—	335
	1968	—	—	—	—	—	—	—	—	—	—	—	—	316
	1969	—	—	—	—	—	—	—	—	—	—	—	—	386
	1970	—	—	—	—	—	—	—	—	—	—	—	—	715
	1971	—	—	—	—	—	—	—	—	—	—	—	—	730
	1972	—	—	—	—	—	—	—	—	—	—	—	—	767
	1973	—	—	—	—	—	—	—	—	—	—	—	—	882
	1974	—	—	—	—	—	—	—	—	—	—	—	—	566
	1975	—	—	—	—	—	—	—	—	—	—	—	—	561
	1976	—	—	—	—	—	—	—	—	—	—	—	—	494
	1977	—	—	—	—	—	—	—	—	—	—	—	—	1,033
	1978	—	—	—	—	—	—	—	—	—	—	—	—	1,018

¹⁾ Incl. catch north of 40° South. ²⁾ June-July. ³⁾ 1969 and 1970 — Bahamas. ⁴⁾ Incl. 2 lost. ⁵⁾ Incl. 21 without information of month. ⁶⁾ Incl. 6 without information of month. ⁷⁾ Incl. 4 without information of month. ⁸⁾ Incl. 2 without information of month. ⁹⁾ Incl. 2 without information of month. ¹⁰⁾ Incl. 29 without information of month. ¹¹⁾ Incl. 8 without information of month. ¹²⁾ Incl. 21 without information of month. ¹³⁾ Incl. 19 without information of month. ¹⁴⁾ Incl. 32 without information of month. ¹⁵⁾ Incl. 7 without information of month. ¹⁶⁾ Incl. 18 without information of month. ¹⁷⁾ Incl. 7 without information of month.

**Table. Z⁵. — Catch of Pilot whales (*Globicephala melaena*),
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1969	—	—	—	—	2	6	1	18	—	—	—	—	27
	1970	—	—	—	—	—	4	1	38	—	—	—	—	43
	1974	—	—	—	—	—	1	—	—	—	—	—	—	1
Of which:														
Coastal districts ...	1969	—	—	—	—	—	—	—	3	—	—	—	—	3
	1970	—	—	—	—	—	4	—	38	—	—	—	—	42
	1974	—	—	—	—	—	1	—	—	—	—	—	—	1
Shetland, Iceland, Greenland, Jan Mayen	1969	—	—	—	—	2	6	1	15	—	—	—	—	24
	1970	—	—	—	—	—	—	1	—	—	—	—	—	1
Denmark:—														
Faroe Islands	1969	121	—	24	456	—	71	86	172	292	124	—	49	1,395
	1970	—	—	—	198	—	—	—	101	—	—	89	—	388
	1971	—	—	—	—	—	—	¹⁾ 17	433	394	145	—	43	1,032
	1972	—	—	—	—	—	—	29	235	188	59	—	—	511
	1973	114	—	640	250	—	—	—	—	—	46	—	—	1,050
	1974	—	—	84	65	—	—	—	—	339	185	—	—	673
	1975	—	—	—	212	—	—	357	182	—	29	300	—	1,080
	1976	51	—	—	—	—	—	112	105	228	—	35	—	531
	1977	—	74	—	—	—	—	—	291	415	—	—	118	898
	1978	—	—	—	174	—	—	36	444	33	502	49	—	1,238
Greenland.....	1972	—	—	—	—	—	—	—	1	—	—	—	—	1
	1975	—	—	—	—	—	70	11	—	—	—	—	—	81
	1976	—	—	—	—	—	—	1	—	—	—	—	—	1
	1977	—	—	1	—	2	—	—	6	42	20	—	—	71
	1978	—	—	—	—	—	—	14	54	22	7	—	—	97
Canada:—														
Newfoundland ...	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	155	—	—	—	—	—	155
Japan:—														
Coastal districts ..	1969	6	4	9	8	30	15	7	—	2	—	24	25	130
	1970	14	21	5	14	24	28	16	—	—	18	12	—	152
	1971	10	—	10	20	37	27	7	—	23	24	10	13	181
	1972	16	—	—	—	5	5	—	1	2	18	16	28	91
	1973	11	13	—	3	—	—	—	—	6	18	8	18	77
	1974	21	8	3	—	—	18	—	—	5	1	6	—	62
	1975	9	8	13	3	2	5	—	—	—	5	3	5	53
	1976	3	1	2	—	—	4	—	—	—	—	1	—	11
	1977	—	—	—	—	—	—	—	—	—	6	—	—	6
	1978	4	—	—	—	—	—	—	—	—	—	2	5	11
U.S.S.R.:—														
Antarctic	1970/71	1	—	—	—	—	—	—	—	—	—	—	1	2
British West Indies .	1973	—	—	—	—	—	—	—	—	—	—	—	—	64
	1974	—	—	—	—	—	—	—	—	—	—	—	—	71
	1975	—	—	—	—	—	—	—	—	—	—	—	—	135
	1976	—	—	—	—	—	—	—	—	—	—	—	—	117
	1977	—	—	—	—	—	—	—	—	—	—	—	—	65

¹⁾ June/July.

Table Z⁶. — Catch of Killer whales (*Orcinus orca*), by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1969	—	—	167	5	19	6	—	28	6	—	—	—	231
	1970	5	137	66	12	16	8	3	1	6	3	—	—	257
	1971	9	—	—	9	10	7	9	26	—	—	—	—	70
	1972	—	—	—	18	10	—	—	—	—	—	—	—	28
	1973	—	—	—	—	1	—	—	—	—	—	—	—	1
	1974	—	—	—	—	6	—	—	—	—	—	—	—	6
	1975	—	—	—	—	2	—	—	—	—	—	—	—	2
	1977	—	—	—	—	2	5	—	—	—	—	—	—	7
	1978	—	—	—	1	7	6	—	—	—	—	—	²)40	54
Of which:														
Coastal districts ...	1969	—	—	167	4	9	3	—	6	—	—	—	—	189
	1970	5	135	66	9	14	2	1	—	—	—	—	—	232
	1971	9	—	—	3	—	6	—	—	—	—	—	—	18
	1972	—	—	—	2	5	—	—	—	—	—	—	—	7
	1973	—	—	—	—	1	—	—	—	—	—	—	—	1
	1974	—	—	—	—	6	—	—	—	—	—	—	—	6
	1975	—	—	—	—	2	—	—	—	—	—	—	—	2
	1977	—	—	—	—	2	5	—	—	—	—	—	—	7
	1978	—	—	—	1	7	5	—	—	—	—	—	²)40	53
Barents Sea, Spitzbergen and Bear Island ...	1969	—	—	—	1	—	2	—	—	—	—	—	—	3
	1970	—	—	—	—	2	—	—	—	—	—	—	—	2
	1978	—	—	—	—	—	1	—	—	—	—	—	—	1
Shetland, Iceland, Greenland, Jan Mayen	1969	—	—	—	—	10	1	—	22	6	—	—	—	39
	1970	—	—	—	3	—	6	2	1	—	—	—	—	12
	1971	—	—	—	—	2	1	9	26	—	—	—	—	38
	1972	—	—	—	16	5	—	—	—	—	—	—	—	21
Antarctic ¹)	1968/69	—	—	—	—	—	—	—	—	—	—	—	—	—
	1969/70	—	2	—	—	—	—	—	—	6	3	—	—	11
	1970/71	—	—	—	6	8	—	—	—	—	—	—	—	14
Denmark:—														
Greenland	1969	—	—	—	—	—	—	—	—	—	1	—	—	1
	1970	—	—	—	—	—	—	—	—	1	—	—	—	1
	1971	—	—	—	—	—	—	—	—	1	1	—	—	2
	1974	—	—	—	—	—	—	1	—	1	—	—	—	2
	1977	—	—	—	—	—	2	—	—	—	—	—	—	2
Faroe Islands	1971	—	—	—	—	—	—	—	—	—	—	—	—	1
	1978	—	—	—	—	—	31	—	—	—	—	—	—	31
Canada:—														
Newfoundland	1971	—	—	—	—	—	—	2	—	—	—	—	—	2
Eastern Arctic	1977	—	—	—	—	—	—	—	—	—	—	—	—	14
Japan:—														
Coastal districts ..	1969	—	2	2	1	—	—	—	—	5	3	—	3	16
	1970	—	2	—	—	—	—	—	—	8	—	—	—	12
	1971	—	—	—	2	—	—	2	—	—	3	3	—	10
	1972	—	—	—	—	—	—	—	2	—	—	1	—	3
	1974	—	—	2	—	—	—	—	—	—	—	—	—	2
	1975	—	—	1	—	2	—	—	—	—	—	—	—	3
	1976	1	—	—	—	—	—	—	—	—	—	—	—	1
	1977	—	—	—	—	—	—	1	—	—	—	—	—	1

Cont. next p.

Table Z^a cont.

Grounds	Year	Months											Total	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.		Dec.
Africa:—														
Natal.....	1972	—	—	—	2	10	—	—	—	5	—	—	—	17
	1973	—	—	—	—	—	—	6	2	—	—	—	8	
	1974	—	—	—	—	—	—	2	—	—	—	—	2	
	1975	—	—	—	2	—	—	2	—	—	—	—	4	
U.S.S.R.:—														
Antarctic ¹⁾	1968/69	—	—	—	—	—	—	—	—	—	—	—	—	
	1969/70	—	—	5	2	—	—	—	—	—	—	—	7	
	1970/71	1	—	6	—	—	—	—	—	—	—	2	9	
	1971/72	2	—	—	—	—	—	—	—	—	—	—	2	
	1972/73	5	—	7	1	—	—	—	—	—	—	—	15	
	1973/74	—	13	7	7	1	—	—	—	—	—	4	48	
	1974/75	13	19	—	—	1	—	—	—	—	—	7	40	
	1975/76	10	2	4	—	—	—	—	—	—	—	—	16	
	1976/77	26	—	2	—	—	—	—	—	—	—	—	29	
	1977/78	37	16	—	—	—	—	—	—	—	—	7	77	
	1978/79	6	30	—	—	—	—	—	—	—	—	—	49	

¹⁾ Incl. catch north of 40° South. ²⁾ November—December.

**Table Z'. — Catch of White whales, (*Delphinapterus leucas*),
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Canada:—														
Total	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	—	—	—	—	—	—	—
	1971	—	—	—	—	—	—	—	—	—	—	—	—	1) ¹ 13
	1972	—	—	—	—	—	—	—	—	—	—	—	—	1) ¹ 181
	1973	—	—	—	—	—	—	—	—	—	—	—	—	538
	1974	—	—	—	—	—	—	—	—	—	—	—	—	509
	1975	—	—	—	—	—	—	—	—	—	—	—	—	321
	1976	—	—	—	—	—	—	—	—	—	—	—	—	529
	1977	—	—	—	—	—	—	—	—	—	—	—	—	620
	1978	—	—	—	—	—	—	—	—	—	—	—	—	406
Of which:														
Western	1972	—	—	—	—	—	—	—	—	—	—	—	—	120
Arctic	1973	—	—	—	—	—	—	—	—	—	—	—	—	297
	1974	—	—	—	—	—	—	—	—	—	—	—	—	118
	1975	—	—	—	—	—	—	—	—	—	—	—	—	149
	1976	—	—	—	—	—	—	—	—	—	—	—	—	154
	1977	—	—	—	—	—	—	—	—	—	—	—	—	148
	1978	—	—	—	—	—	—	—	—	—	—	—	—	129
Eastern Arctic	1969	—	—	—	—	—	—	—	—	—	—	—	—	27
	1970	—	—	—	—	—	—	—	—	—	—	—	—	85
	1972	—	—	—	—	—	—	—	—	—	—	—	—	61
	1973	—	—	—	—	—	—	—	—	—	—	—	—	63
	1974	—	—	—	—	—	—	—	—	—	—	—	—	49
	1975	—	—	—	—	—	—	—	—	—	—	—	—	74
	1976	—	—	—	—	—	—	—	—	—	—	—	—	156
	1977	—	—	—	—	—	—	—	—	—	—	—	—	206
	1978	—	—	—	—	—	—	—	—	—	—	—	—	159
Hudson and James Bays	1969	—	—	—	—	—	—	—	—	—	—	—	—	328
	1970	—	—	—	—	—	—	—	—	—	—	—	—	326
	1971	—	—	—	—	—	—	—	—	—	—	—	—	13
	1973	—	—	—	—	—	—	—	—	—	—	—	—	178
	1974	—	—	—	—	—	—	—	—	—	—	—	—	342
	1975	—	—	—	—	—	—	—	—	—	—	—	—	98
	1976	—	—	—	—	—	—	—	—	—	—	—	—	219
	1977	—	—	—	—	—	—	—	—	—	—	—	—	266
	1978	—	—	—	—	—	—	—	—	—	—	—	—	118
Denmark:—														
Greenland	1969	—	—	—	—	—	—	—	—	—	—	—	—	978
	1970	403	80	55	200	263	24	7	20	70	259	26	9	1,416
	1971	21	94	64	119	146	17	4	4	—	192	60	16	737
	1972	93	57	10	97	178	40	—	2	2	228	118	16	841
	1973	89	143	156	144	136	9	—	2	1	159	214	16	1,069
	1974	81	114	64	163	200	3	10	2	5	203	43	19	907
	1975	7	15	2	83	120	2	—	14	2	117	32	6	400
	1976	693	96	25	77	72	3	—	—	—	81	1	11	1,059
	1977	125	51	43	88	118	2	7	8	37	189	26	8 ³⁾	704
	1978	56	34	30	83	31	—	2	—	15	78	28	30	387
U.S.A.:—														
Alaska	1972	—	—	—	—	—	—	—	—	—	—	—	—	2) ² 185

¹⁾ Data incomplete. ²⁾ Estimated annual catch. See introduction No. LXXI, page 27. ³⁾ Incl. 2 without information of month.

**Table Z³. — Catch of Baird's beaked whales (*Berardius bairdii*),
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
U.S.A.:														
California	1969	-	-	-	-	-	-	-	-	-	-	-	-	-
	1970	-	-	-	-	-	-	-	-	-	-	-	-	-
Canada:														
British Columbia . .	1969	-	-	-	-	-	-	-	-	-	-	-	-	-
	1970	-	-	-	-	-	-	-	-	-	-	-	-	-
Japan:														
Coastal districts . .	1969	-	-	-	-	-	14	22	30	33	21	15	3	138
	1970	3	-	-	-	-	4	37	32	18	18	1	-	113
	1971	-	-	-	-	2	6	32	27	29	18	4	-	118
	1972	-	-	-	-	-	12	11	17	16	9	15	6	86
	1973	-	-	-	-	-	-	6	7	4	2	11	2	32
	1974	-	-	-	-	-	-	8	12	12	-	-	-	32
	1975	-	-	-	-	1	-	19	18	2	6	-	-	46
	1976	-	-	-	-	-	-	7	4	-	2	-	-	13
	1977	-	-	-	-	-	-	15	7	8	14	-	-	44
	1978	-	-	-	-	-	-	10	16	3	7	-	-	36

**Table Z⁹. — Catch of Narwhal, (*Monodon monoceros*),
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Canada:—														
Total	1969	—	—	—	—	—	—	—	—	—	—	—	—	25
	1970	—	—	—	—	—	—	—	—	—	—	—	—	83-93
	1971	—	—	—	—	—	—	—	—	—	—	—	—	30
	1972	1)	—	—	—	—	—	—	—	—	—	—	—	
	1973	—	—	—	—	—	—	—	—	—	—	—	—	341
	1974	—	—	—	—	—	—	—	—	—	—	—	—	291
	1975	—	—	—	—	—	—	—	—	—	—	—	—	251
	1976	—	—	—	—	—	—	—	—	—	—	—	—	300
	1977	—	—	—	—	—	—	—	—	—	—	—	—	263
	1978	—	—	—	—	—	—	—	—	—	—	—	—	279
Of which:														
Western Arctic ...	1970	—	—	—	—	—	—	—	—	—	—	—	—	20-30
	1972	1)	—	—	—	—	—	—	—	—	—	—	—	
	1973	—	—	—	—	—	—	—	—	—	—	—	—	—
Eastern Arctic	1969	—	—	—	—	—	—	—	—	—	—	—	—	25
	1970	—	—	—	—	—	—	—	—	—	—	—	—	63
	1971	—	—	—	—	—	—	—	—	—	—	—	—	25
	1973	—	—	—	—	—	—	—	—	—	—	—	—	330
	1974	—	—	—	—	—	—	—	—	—	—	—	—	281
	1975	—	—	—	—	—	—	—	—	—	—	—	—	251
	1976	—	—	—	—	—	—	—	—	—	—	—	—	282
	1977	—	—	—	—	—	—	—	—	—	—	—	—	242
	1978	—	—	—	—	—	—	—	—	—	—	—	—	275
Hudson and James Bays	1971	—	—	—	—	—	—	—	—	—	—	—	—	5
	1973	—	—	—	—	—	—	—	—	—	—	—	—	11
	1974	—	—	—	—	—	—	—	—	—	—	—	—	10
	1976	—	—	—	—	—	—	—	—	—	—	—	—	18
	1977	—	—	—	—	—	—	—	—	—	—	—	—	21
	1978	—	—	—	—	—	—	—	—	—	—	—	—	4
Denmark:—														
Greenland	1969	79	21	27	22	10	19	7	11	1	1	22	—	220
	1970	137	5	43	28	40	26	46	48	8	5	29	2	417
	1971	71	28	26	32	14	8	23	19	1	—	9	1	232
	1972	9	9	5	16	28	8	5	5	6	1	26	2	120
	1973	38	27	28	22	21	3	2	5	—	19	29	11	205
	1974	16	8	15	13	39	13	1	21	5	7	26	5	169
	1975	17	20	14	28	2	—	1	7	5	17	7	3	121
	1976	14	5	28	1	18	5	—	8	6	—	13	8	106
	1977	19	9	9	9	24	10	7	34	5	6	87	15	234
	1978	18	97	20	32	13	6	3	17	6	19	88	85	404

¹⁾ No data.

**Table Z¹⁰. — Catch of Common porpoises
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Denmark:— Greenland	1969	—	—	—	—	—	—	—	—	—	—	—	—	1339
	1970	—	—	2	9	35	113	350	307	236	100	18	14	1184
	1971	1	—	—	—	25	91	243	254	383	274	48	1	1320
	1972	—	1	1	12	24	77	180	229	294	171	58	—	1047
	1973	—	1	—	11	33	69	173	230	205	52	4	—	778
	1974	4	4	4	8	32	40	125	228	107	9	4	—	¹⁾ 596
	1975	—	—	—	3	11	116	152	143	154	43	—	5	627
	1976	—	—	—	7	23	80	90	158	133	23	3	2	519
	1977	1	—	4	5	10	33	46	314	203	70	2	2	²⁾ 1,010
	1978	5	9	3	5	12	22	94	246	189	56	10	15	666
U.S.A. ³⁾	1970	—	—	—	—	—	—	—	—	—	—	—	—	6,000
	1971	—	—	—	—	—	—	—	—	—	—	—	—	4,100
	1972	—	—	—	—	—	—	—	—	—	—	—	—	7,600
	1973	—	—	—	—	—	—	—	—	—	—	—	—	17,600
	1974	—	—	—	—	—	—	—	—	—	—	—	—	3,200
	1975	—	—	—	—	—	—	—	—	—	—	—	—	5,200
	1976	—	—	—	—	—	—	—	—	—	—	—	—	5,400
	1977	—	—	—	—	—	—	—	—	—	—	—	—	3,310

¹⁾ Incl. 31 without information of month. ²⁾ Incl. 320 without information of month. ³⁾ See introduction.

**Table Z¹¹.—Catch of others or unspecified small whales,
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Denmark:—														
Faroe Islands . .	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	—	—	60	—	—	—	60
	1971	—	—	—	—	—	—	—	—	80	—	—	—	80
	1974	—	—	—	—	—	—	—	2	2	—	—	—	4
	1976	—	—	—	—	—	—	—	—	44	—	—	—	44
Greenland	1969	—	—	—	—	—	—	—	—	—	—	—	—	—
	1970	—	—	—	—	—	—	—	—	2	—	—	—	2
	1971	—	—	—	—	—	—	—	—	1	—	—	—	1
	1973	—	—	—	—	—	—	—	—	1	1	—	—	2
	1974	—	—	—	—	—	—	—	1	6	2	—	—	¹⁾ 13
	1976	1	—	—	—	—	—	—	3	1	—	—	—	5
	1977	—	—	—	—	—	—	—	40	23	10	2	—	²⁾ 84
	1978	—	—	—	—	—	—	—	—	—	—	—	—	4
Japan:—														
Coastal districts	1969	39	—	1	—	1	1	—	3	2	4	4	1	56
	1970	—	2	—	—	6	—	—	5	11	2	3	—	29
	1971	5	—	—	7	4	4	1	—	2	2	—	—	25
	1972	—	—	—	—	1	—	—	2	2	3	9	—	17
	1973	—	—	—	—	—	—	—	—	—	—	2	—	2
	1974	—	—	—	—	—	—	—	1	—	—	—	—	1
	1975	—	—	1	1	—	2	—	—	—	—	—	1	5
	1976	—	—	—	—	—	—	—	—	—	2	—	1	3
	1977	—	—	—	—	—	—	—	—	1	—	—	—	1
Africa:—														
Natal	1973	—	—	1	—	—	—	1	—	—	—	—	—	2
U.S.A. ³⁾	1970	—	—	—	—	—	—	—	—	—	—	—	—	484,000
	1971	—	—	—	—	—	—	—	—	—	—	—	—	305,900
	1972	—	—	—	—	—	—	—	—	—	—	—	—	298,400
	1973	—	—	—	—	—	—	—	—	—	—	—	—	157,400
	1974	—	—	—	—	—	—	—	—	—	—	—	—	95,800
	1975	—	—	—	—	—	—	—	—	—	—	—	—	128,800
	1976	—	—	—	—	—	—	—	—	—	—	—	—	98,600
	1977	—	—	—	—	—	—	—	—	—	—	—	—	23,690
Other nations	1970	—	—	—	—	—	—	—	—	—	—	—	—	2,000
	1971	—	—	—	—	—	—	—	—	—	—	—	—	9,000
	1972	—	—	—	—	—	—	—	—	—	—	—	—	42,000
	1973	—	—	—	—	—	—	—	—	—	—	—	—	42,000
	1974	—	—	—	—	—	—	—	—	—	—	—	—	21,000
	1975	—	—	—	—	—	—	—	—	—	—	—	—	47,000
	1976	—	—	—	—	—	—	—	—	—	—	—	—	40,000
	1977	—	—	—	—	—	—	—	—	—	—	—	—	44,000
U.S.S.R.:—														
Antarctic	1969/70	1	—	—	—	—	—	—	—	—	—	—	—	1
Republic of Korea	1965	—	—	—	—	—	—	—	—	—	—	—	—	2
	1966	—	—	—	—	—	—	—	—	—	—	—	—	8
	1967	—	—	—	—	—	—	—	—	—	—	—	—	1
	1972	—	—	—	—	—	—	—	—	—	—	—	—	1

¹⁾ Incl. 4 without information of month. ²⁾ Incl. 9 without information of month. ³⁾ See introduction.

TABLES

Table 1 — Whaling in the Antarctic season 1977/78 and outside the Antarctic in 1978.

Geographical areas	Species of whales caught					Total of whales	Oil production Barrels	Expeditions		
	Fin	Sei	Bryde's	Sperm	Others			Shore stations	Float-ing fact.	Catch-ers
Antarctic, pelagic										
1977/78 season	—	565	—	2,160	¹⁾	2,725	²⁾ 130,004	—	3	34
Brazil	—	—	—	24	³⁾	24	²⁾ 3,477	1	—	1
North Atlantic and Arctic:										
Spain	402	—	—	180	—	582	14,259	2	—	5
Azores ⁴⁾	—	—	—	125	—	125	3,256	—	—	—
Madeira	—	—	—	80	—	80	⁵⁾	—	—	—
Greenland	5	—	—	—	⁶⁾ 20	25	⁵⁾	—	—	—
Faroe Islands	7	—	—	—	—	7	⁵⁾	—	—	—
The West Indies	—	—	—	—	⁶⁾ 1	1	—	—	—	—
Iceland	236	14	—	141	—	391	11,365	1	—	4
North Pacific:										
North Pacific and Bering Sea, pelagic										
Japan	—	—	200	535	—	735	17,306	—	1	7
U.S.S.R.	—	—	216	2,164	—	2,380	103,341	—	3	30
Japan coastal	—	—	62	1,730	—	1,792	38,137	4	—	7
Republic of Korea	—	—	34	—	2	36	⁵⁾	—	—	—
U.S.A. coastal	—	—	—	—	⁷⁾ 18	18	—	—	—	—
U.S.S.R. coastal	—	—	—	—	⁸⁾ 182	182	—	—	—	—
Peru	—	3	297	—	—	300	⁵⁾	1	—	3
Chile ¹²⁾	—	52	—	79	—	131	⁵⁾	1	—	3
Australia	—	—	—	679	—	679	23,129	1	—	3
South Atlantic Ocean, pelagic ⁹⁾	—	—	—	1,054	—	1,054	34,741	—	—	—
Indian Ocean, pelagic ⁹⁾ ..	—	—	¹⁰⁾ 5	814	—	819	23,407	—	(3)	—
South Pacific Ocean, pelagic ⁹⁾	—	—	¹⁰⁾ 114	509	¹¹⁾	623	14,965	—	—	—
Tonga Islands	—	—	—	—	⁶⁾ 11	11	⁵⁾	—	—	⁵⁾
Total	650	634	928	10,274	234	12,720	417,387	11	7	97

¹⁾ 4,978 minke whales, 77 killer whales and 3 bottlenoses. ²⁾ Including oil from minke whales. ³⁾ 690 minke whales. ⁴⁾ Inofficial figures. ⁵⁾ No information. ⁶⁾ Humpback whale. ⁷⁾ Bowhead whales of which 6 struck but lost — aboriginal catch. ⁸⁾ Grey whales — aboriginal catch. ⁹⁾ Antarctic pelagic expeditions before and/or after the Antarctic season 1977/78. ¹⁰⁾ Caught for Scientific Research purposes. ¹¹⁾ 22 minke whales. ¹²⁾ January—June 1978.

Table 2. — Japanese whaling in the Antarctic season 1977/78 and outside the Antarctic in 1978.

Geographical areas	Species of whales caught					Total of whales	Oil production Barrels	Expeditions		
	Fin	Sei	Bryde's	Sperm	Others			Shore stations	Float-ing fact.	Catch-ers
Antarctic, pelagic	—	254	—	36	¹⁾	290	²⁾ 11,864	—	1	10
North Pacific Ocean and Bering Sea, pelagic	—	—	200	535	—	735	17,306	—	1	7
Japan coastal	—	—	62	1,730	—	1,792	38,137	4	—	7
South Pacific Ocean, pelagic ³⁾	—	—	⁴⁾ 114	260	⁵⁾	374	8,665	—	—	—
Total	—	254	376	2,561	—	3,191	75,972	4	2	24

¹⁾ 2,378 minke whales. ²⁾ Including oil from minke whales. ³⁾ Antarctic pelagic expeditions on voyage to and from the Antarctic in the 1977/78 season. ⁴⁾ Caught for Scientific Research purposes. ⁵⁾ 22 minke whales.

Table 3. — Whaling of U.S.S.R. in the Antarctic season 1977/78 and outside the Antarctic in 1978.

Antarctic, pelagic	—	311	—	2,124	¹⁾	2,435	²⁾ 118,140	—	2	24
North Pacific Ocean and Bering Sea, pelagic	—	—	216	2,164	—	2,380	103,341	—	3	30
Coastal	—	—	—	—	³⁾ 182	182	—	—	—	—
South Atlantic Ocean, pelagic ⁴⁾	—	—	—	1,054	—	1,054	34,741	—	—	—
Indian Ocean, pelagic ⁴⁾	—	—	⁵⁾ 5	814	—	819	23,407	—	—	—
South Pacific Ocean, pelagic ⁴⁾	—	—	—	249	—	249	6,300	—	—	—
Total	—	311	221	6,405	182	7,119	285,929	—	5	54

¹⁾ 2,600 minke whales. ²⁾ Including oil from minke whales. ³⁾ Grey whales—aboriginal catch. ⁴⁾ Antarctic pelagic expeditions on voyage to and from the Antarctic in the season 1977/78. ⁵⁾ Caught for Scientific Research purposes.

Table 4. Whaling results for the various countries in the Antarctic season 1977/78 and outside the Antarctic in 1978. (See foot-notes to tables 1, 2 and 3).

U.S.S.R.	—	311	221	6,405	182	7,119	285,929	—	5	54
Japan	—	254	376	2,561	—	3,191	75,972	4	2	24
Australia	—	—	—	679	—	679	23,129	1	—	3
Iceland	236	14	—	141	—	391	11,365	1	—	4
Brazil	—	—	—	24	—	24	3,477	1	—	1
Great Britain	—	—	—	—	1	1	—	—	—	—
Peru	—	3	297	—	—	300	—	1	—	3
Cyprus ¹⁾	—	—	—	—	—	—	—	—	—	—
Chile	—	52	—	79	—	131	—	1	—	3
Greenland	5	—	—	—	20	25	—	—	—	—
Faroe Islands	7	—	—	—	—	7	—	—	—	—
Portugal	—	—	—	205	—	205	3,256	—	—	—
Spain	402	—	—	180	—	582	14,259	2	—	5
U.S.A.	—	—	—	—	18	18	—	—	—	—
Tonga Islands	—	—	—	—	11	11	—	—	—	—
Republic of Korea	—	—	34	—	2	36	—	—	—	—
Total	650	634	928	10,274	234	12,720	417,387	11	7	97

¹⁾ No information.

Table 5. — Average size of whales caught in 1978.

Geographical areas Number of whales measured	Average size		
	Males	Females	Total animals
A. Fin whales.			
<i>North Atlantic and Arctic:</i>			
Iceland	58.5	61.6	60.2
Males 108 } Total 236			
Females 128 }			
B. Sei whales.			
<i>North Atlantic and Arctic:</i>			
Iceland		44.7	44.7
Females 14			
C. Bryde's whales.			
<i>Pacific North:</i>			
North Pacific Ocean and Bering Sea, pelagic:			
Japan	41.6	42.0	41.8
Males 133 } Total 200			
Females 67 }			
U.S.S.R.	40.9	41.6	41.3
Males 105 } Total 216			
Females 111 }			
Japan, coastal	39.6	41.4	40.0
Males 48 } Total 62			
Females 14 }			
<i>South Pacific Ocean, pelagic:</i>	42.8	42.3	42.6
Males 72 } Total 114			
Females 42 }			
D. Minke whales.			
Brazil	27.3	28.7	28.3
Males 225 } Total 688			
Females 463 }			
<i>Pacific North:</i>			
Japan coastal	21.2	20.4	20.9
Males 245 } Total 400			
Females 155 }			
E. Sperm whales.			
Brazil	38.1	30.2	32.5
Males 7 } Total 24			
Females 17 }			
<i>North Atlantic and Arctic:</i>			
Iceland	48.2		48.2
Males 140			
<i>Pacific North:</i>			
North Pacific Ocean and Bering Sea, pelagic			
Japan	39.6	34.6	37.8
Males 346 } Total 534			
Females 188 }			

Cont. next p.

Table 5 (continued).

Geographical areas Number of whales measured	Average size		
	Males	Females	Total animals
U.S.S.R. Males 1,912 } Total 2,162 Females 250 }	46.4	34.6	45.1
Japan, coastal Males 1,394 } Total 1,730 Females 336 }	37.9	34.7	37.3
<i>Australia</i> Males 510 } Total 679 Females 169 }	42.4	34.1	40.3
<i>South Atlantic Ocean, pelagic</i> Males 668 } Total 1,054 Females 386 }	44.3	34.4	40.7
<i>Indian Ocean, pelagic</i> Males 531 } Total 814 Females 283 }	41.5	34.3	39.0
<i>South Pacific Ocean, pelagic</i> Males 176 } Total 509 Females 333 }	39.9	34.6	36.4

Table 6.—Whales caught in 1978 by species, sex and size.

1. Brazil.

Minke whales.

Engl. feet	Number of		Total animals	
	males	females		
22	—	1	1	
23	3	7	10	
24	6	5	11	
25	14	18	32	Average size: } Males: 27.3 feet
26	33	18	56	} Females: 28.7 »
27	59	34	93	} Total animals: 28.3 »
28	60	91	151	Per cent: } Males: 32.7
29	31	117	148	} Females: 67.3
30	14	116	130	
31	—	50	50	
32	—	5	5	
33	—	1	1	
Total	225	463	688	

Sperm whales.

28	—	1	1	
29	—	1	1	
30	1	8	9	
31	—	7	7	Average size: } Males: 38.1 feet
32	1	—	1	} Females: 30.2 »
33	1	—	1	} Total animals: 32.5 »
34	1	—	1	Per cent: } Males: 29.2
36	1	—	1	} Females: 70.8
50	1	—	1	
52	1	—	1	
Total	7	17	24	

3. North Pacific Ocean and Bering Sea, pelagic.

1. Japan.

Bryde's whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
38	1	—	1	Average size: } Males: 41.6 feet Females: 42.0 » Total animals: 41.8 » Per cent: } Males: 66.5 Females: 33.5			
39	—	1	1				
40	25	13	38				
41	46	13	59				
42	29	17	46				
43	21	10	31				
44	8	8	16				
45	2	3	5				
46	—	1	1				
47	1	—	1				
48	—	1	1				
Total	133	67	200				

Sperm whales.

30	—	1	1	48	1	—	1
31	7	16	23	49	5	—	5
32	6	19	25	50	5	—	5
33	13	24	37	51	4	—	4
34	17	23	40	52	3	—	3
35	27	42	69	53	1	—	1
36	39	28	67	54	4	—	4
37	27	21	48	56	1	—	1
38	33	10	43	58	1	—	1
39	29	2	31				
40	23	2	25	Total	346	188	534
41	18	—	18	Average size: } Males: 39.6 feet Females: 34.6 » Total animals: 37.8 » Per cent: } Males: 64.8 Females: 35.2			
42	12	—	12				
43	10	—	10				
44	39	—	39				
45	17	—	17				
46	2	—	2				
47	2	—	2				

Table 6 (continued).

2. U. S. S. R.
Bryde's whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
39	8	4	12	Average size: } Per cent: }	Males:	40.9 feet	
40	44	32	76		Females:	41.6 "	
41	26	24	50		Total animals:	41.3 "	
42	8	18	26		Males:	48.6	
43	13	17	30		Females:	51.4	
44	5	8	13				
45	1	7	8				
46	-	1	1				
Total	105	111	216				

Sperm whales.

29	1	-	1	51	89	-	89
30	-	8	8	52	66	-	66
31	3	11	14	53	125	-	125
32	3	21	24	54	79	-	79
33	13	27	40	55	68	-	68
34	40	42	82	56	77	-	77
35	50	53	103	57	56	-	56
36	55	42	97	58	45	-	45
37	93	35	128	59	18	-	18
38	84	9	93	60	13	-	13
39	65	2	67	61	3	-	3
40	62	-	62	62	1	-	1
41	70	-	70	Total	1,912	250	2,162
42	80	-	80	Average size: } Per cent: }	Males:	46.4 feet	
43	94	-	94		Females:	34.6 "	
44	82	-	82		Total animals:	45.1 "	
45	79	-	79		Males:	88.4	
46	88	-	88		Females:	11.6	
47	65	-	65				
48	82	-	82				
49	71	-	71				
50	92	-	92				

Table 6 (continued).

4. Japan. — Coastal.
Bryde's whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
35	3	—	3	Average size: } Males: 39.6 feet Females: 41.4 " Total animals: 40.0 " Per cent: } Males: 77.4 Females: 22.6			
36	8	2	10				
37	3	1	4				
38	5	—	5				
39	2	—	2				
40	3	1	4				
41	8	2	10				
42	8	1	9				
43	5	2	7				
44	2	4	6				
45	1	1	2				
Total	48	14	62				

Minke whales.

15	2	2	4	27	3	4	7
16	7	7	14	28	2	2	4
17	18	15	33	30	—	1	1
18	30	36	66	Total	245	155	400
19	20	10	30	Average size: } Males 21.2 feet Females 20.4 " Total animals 20.9 " Per cent: } Males 61.3 Females 38.7			
20	27	22	49				
21	28	16	44				
22	16	5	21				
23	32	7	39				
24	28	13	41				
25	24	10	34				
26	8	5	13				

Sperm whales.

30	2	1	3	51	2	—	2
31	28	15	43	52	2	—	2
32	28	24	52	53	2	—	2
33	60	54	114	55	4	—	4
34	84	76	160	56	4	—	4
35	121	60	181	58	1	—	1
36	180	45	225	61	1	—	1
37	182	28	210	Total	1,394	336	1,730
38	158	17	175	Average size: } Males: 37.9 feet Females: 34.7 " Total animals: 37.3 " Per cent: } Males: 80.6 Females: 19.4			
39	177	13	190				
40	123	3	126				
41	67	—	67				
42	55	—	55				
43	73	—	73				
44	28	—	28				
45	7	—	7				
46	3	—	3				
47	2	—	2				

Table 6 (continued)

5. Australia. Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
26	1	—	1	46	18	—	18
30	—	7	7	47	22	—	22
31	—	8	8	48	36	—	36
32	1	15	16	49	29	—	29
33	4	27	31	50	14	—	14
34	8	40	48	51	14	—	14
35	17	37	54	52	7	—	7
36	25	20	45	53	5	—	5
37	42	10	52				
38	36	3	39	Total	510	169	679
39	31	2	33				
40	48	—	48	Average size: }	Males: 42.4 feet		
41	25	—	25		Females: 34.1 "		
42	21	—	21		Total animals: 40.3 "		
43	40	—	40	Per cent: }	Males: 75.1		
44	41	—	41		Females: 24.9		
45	25	—	25				

6. South Atlantic Ocean. Pelagic. (70° W — 20° E) Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
27	1	1	2	48	41	—	41
28	—	2	2	49	30	—	30
30	—	2	2	50	25	—	25
31	1	16	17	51	19	—	19
32	1	27	28	52	21	—	21
33	—	52	52	53	9	—	9
34	2	98	100	54	10	—	10
35	6	94	100	55	3	—	3
36	9	53	62	56	1	—	1
37	14	26	40				
38	11	14	25	Total	668	386	1,054
39	28	1	29				
40	41	—	41	Average size: }	Males: 44.3 feet		
41	63	—	63		Females: 34.4 "		
42	68	—	68		Total animals: 40.7 "		
43	63	—	63	Per cent: }	Males: 63.4		
44	66	—	66		Females: 36.6		
45	79	—	79				
46	27	—	27				
47	29	—	29				

Table 6 (continued).

7. Indian Ocean. (20° E — 150° E) Sperm whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
30	—	2	2	44	100	—	100
31	2	20	22	45	88	—	88
32	2	15	17	49	1	—	1
33	6	43	49	50	1	—	1
34	9	65	74				
35	16	77	93	Total	531	283	814
36	23	41	64				
37	29	11	40				
38	17	4	21	Average size: }	Males	41.5 feet	
39	14	3	17		Females	34.3 »	
40	29	2	31		Total animals	39.0 »	
41	59	—	59	Per cent: }	Males	65.2	
42	67	—	67		Females	34.8	
43	68	—	68				

Table 6 (continued).

8. South Pacific Ocean. Pelagic. (150°E - 70°W) Bryde's whales.
(Caught by special permit for scientific research purpose).

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
24	—	1	1	46	8	3	11
26	1	—	1	47	4	3	7
27	2	—	2	48	2	4	6
30	—	1	1	49	—	2	2
31	1	3	4	50	—	1	1
33	—	1	1				
36	1	—	1	Total	72	42	114
37	—	1	1				
39	3	3	6	Average size: } Males		42.8 feet	
41	5	3	8			Females	42.3 »
42	8	3	11			Total animals	42.6 »
43	16	1	17	Per cent: } Males	63.2		
44	12	7	19			Females	36.8
45	9	5	14				

Minke whales.

23	—	1	1				
24	2	1	3				
25	2	—	2	Average size: } Males	25.3 feet		
26	5	2	7			Females	26.5 »
27	—	7	7			Total animals	26.1 »
28	—	1	1	Per cent: } Males	40.9		
29	—	1	1			Females	59.1
Total	9	13	22				

Sperm whales.

28	—	1	1	44	41	—	41
30	—	1	1	45	15	—	15
31	4	14	18	47	1	—	1
32	2	19	21	49	1	—	1
33	14	42	56	50	2	—	2
34	11	77	88	51	1	—	1
35	8	89	97				
36	16	41	57	Total	176	333	509
37	9	31	40				
38	10	14	24	Average size: } Males:	39.9 feet		
39	6	2	8			Females:	34.6 »
40	7	1	8			Total animals:	36.4 »
41	8	1	9	Per cent: } Males:	34.6		
42	7	—	7			Females:	65.4
43	13	—	13				

**Table 7.—Average production of oil per sperm whale
in 1978.**

Geographical areas.	Company.	Number of sperm whales.	Oil production.	
			Total.	Average per sperm whale
			Barrels ¹⁾	Barrels ¹⁾
<i>Brazil</i>	No. 1	24	324	13.5
<i>North Atlantic and Arctic:</i>				
<i>Iceland</i>	" 1	141	5,997	42.5
<i>Azores</i>		125	3,256	26.1
<i>Pacific North:</i>				
<i>North Pacific Ocean and Bering Sea, pelagic:</i>				
<i>Japan</i>	No. 1	535	15,306	28.6
<i>U.S.S.R.</i>	" 1	968	51,588	53.3
	" 2	871	40,994	47.1
	" 3	325	9,894	30.4
Total		2,699	117,782	43.6
<i>Japan, coastal</i>	No. 1	738	18,900	25.6
	" 2	204	3,836	18.8
	" 3	788	15,053	19.1
Total		1,730	37,789	21.8
<i>Australia</i>	No. 1	679	23,129	34.1
<i>South Atlantic Ocean, pelagic</i> ...	" 1	1,054	34,741	33.0
<i>Indian Ocean, pelagic</i>	" 1	473	13,024	27.5
	" 2	341	10,365	30.4
Total		814	23,389	28.7
<i>South Pacific Ocean, pelagic</i>	No. 1	260	7,630	29.4
	" 2	249	6,300	25.3
Total		509	13,930	27.4

¹⁾ Barrel = 170 kg. (Barrel = abt. 1/6 long ton).

