

INTERNATIONAL
WHALING STATISTICS

LXXXIX

and

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THE COMMITTEE FOR WHALING STATISTICS

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LXXXIX

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CONTENTS

	Page
Preface	5
Introduction	7
Supplementary tables to the introduction	11
Production of by-products	24
Catch of small whales	28
Table 1. Whaling in the Antarctic season 1980/81 and outside the Antarctic in 1981	44
Table 2. Whaling of Japan in 1980/81 and 1981	45
Table 3. Whaling of USSR in 1980/81 and 1981	45
Table 4. Whaling results for the various countries in 1980/81 and 1981	45
Table 5. Average size of whales caught in 1981	46
Table 6. Whales caught in 1981 by species, sex and size by whaling grounds	
Brazil	47
Iceland	47
Spain	48
Japan, coastal	49

PREFACE

This publication, International Whaling Statistics No. LXXXIX, embraces the world aggregate whaling results for 1981, i.e. the catch made by Antarctic pelagic expeditions in the Southern Hemisphere in the 1980/81 season and coastal based cetacean catches during the calendar year 1981.

The statistical data are based on catch reports sent to the Bureau of International Whaling Statistics, Sandefjord.

Sandefjord, December 1982.

E. Vangstein.

INTRODUCTION

Statistics on whales caught by Antarctic pelagic expeditions in the season 1980/81 are published in International Whaling Statistics No. LXXXVIII.

At the 31st Annual Meeting of the International Whaling Commission in 1979 it was agreed to forbid the use of factory ships or whale catchers attached to factory ships for taking, killing or treating of whales, excluding minke whales.

At the 32nd Annual Meeting in 1980 catch limits were set for 1980/81 pelagic season and the 1981 coastal season. The catch limits apply to member countries of the Commission. No catch limits have been introduced for small cetaceans, excluding minke whales.

The catch limits for minke whales and sperm whales in the Southern Hemisphere 1980/81 pelagic season and 1981 coastal season were:

Minke whales	7,072
Sperm whales (100° W—60° W)	300

For the Southern Hemisphere and Northern Indian Ocean 1980/81 pelagic season and 1981 coastal season the catch limit for Bryde's whales was set at:

Indian Ocean	197
Western South Pacific Stock ..	237
Peruvian Stock	264
Eastern South Pacific Stock ..	188
T o t a l	886

The catch limit for minke whales was by agreement between Japan, USSR and Brazil split into national quotas as follows:

Japan	3,120
USSR	3,120
Brazil	832

The catch amounted to:

	Bryde's whales	Minke whales	Sperm whales
Antarctic pelagic 1980/81	—	6,240	—
Brazil	—	749	—
Peru	250	—	264
Chile	—	—	64
	250	6,989	328

The catch limits for the North Atlantic were the following:

Minke whales:

West Greenland Stock	444 ¹⁾
Central Stock	320
North Eastern Stock	1,790
	2,554

Fin whales:

West Greenland Stock	6
Newfoundland — Labrador Stock	90 ²⁾
East Greenland — Iceland Stock	304 ³⁾
Spain — Portugal — British Isles Stock	240 ⁴⁾
North Norway Stock	61 ²⁾
	701

Sei whales:

Iceland — Denmark Strait Stock	100 ⁵⁾
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Sperm whales:

.....	130
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In addition 10 humpback whales were permitted to be taken in Greenland waters.

The catch amounted to:

	Fin whales	Sei whales	Minke whales	Sperm whales	Humpback whales
Greenland	6	—	190	—	11
Iceland	254	100	201	43	—
Norway	—	—	1,877	—	—
Spain	146	—	—	—	—
Total	406	100	2,268	43	11

The catch limits for the North Pacific were the following:

Minke whales:	Okhotsk Sea — West Pacific Stock	421 ⁶⁾
	Sea of Japan — Yellow Sea — East China Sea Stock	940 ⁷⁾
Sperm whales:	Western Division	890 ⁸⁾

¹⁾ The total catch shall not exceed 1,778 in the five years 1981—1985 inclusive. ²⁾ No catch taken in 1981. ³⁾ The total catch shall not exceed 1,524 in the six years 1977 to 1982 inclusive. ⁴⁾ The total catch shall not exceed 440 in the two years 1980—1981. ⁵⁾ The total catch shall not exceed 504 in the six years 1980—1985 inclusive. ⁶⁾ The total catch shall not exceed 1,678 in the five years 1980—1984 inclusive. ⁷⁾ The total catch shall not exceed 3,634 in the five years 1980—1984 inclusive. ⁸⁾ Included within this figure there may be a by-catch of females not to exceed 11.5 % and all whaling operation for these species are to cease when the by-catch is reached. It is forbidden to take or kill any sperm whales from this stock over 45 feet (13.7 meters) in length in the 1981 season.

Bryde's whales:	Western Stock	510
	East China Sea Stock	19
Gray whales:	Eastern Stock	179 ¹⁾
Bowhead whales	17 ¹⁾ ²⁾

The catch amounted to:

	Bryde's whales	Gray whales	Bowhead whales	Minke whales	Sperm whales
North Pacific:					
Japan	485	—	—	374	869
USA	—	—	28 ³⁾	—	—
Korea	1	—	—	760	—
USSR	—	135	—	—	—
T o t a l	486	135	28	1,134	869

Tables Z² — Z¹¹ show the catches of small cetaceans reported to International Whaling Statistics. The figures for the Greenland catch of whales and porpoises presented in previous volumes from and including 1970 were provisional. A revision of the statistics is in progress at the Ministry of Greenland. In publication No. LXXIII revised statistics were presented for the period 1965 to 1969. Revised statistics for the seasons 1970 to 1977 have now been received and are shown in table i for large whales and in tables Z² — Z¹¹ for small type cetaceans. The revised statistics have been taken from «Summary of Hunting Statistics for Greenland» which is published by the Ministry of Greenland. For 1975, 1976 and 1977 the revised figures do not include non-reported catches from Thule district, where the average estimated catches are 150 narwhals and 50 white whales.

From National Marine Mammal Laboratory, Seattle, reports are received on landings of white whales from 1974 to 1978 (see table Z⁷).

Under «Others» (tables Z² and Z¹¹) will be found the total catch of incidental, directed and live capture of small cetaceans. The figures are based upon Appendix 3 in the 1982 report of the committee on small cetaceans (see introduction to No. LXXXVII).

¹⁾ To be taken by aborigines or a Contracting Government on behalf of aborigines. ²⁾ For the years 1981 through 1983 inclusive, the total number of whales landed shall not exceed 45 and the total number of whales struck shall not exceed 65, provided, however, that in any one year the number of whales landed shall not exceed 17. ³⁾ Of which 17 landed.

. At the recommendation of the Norwegian Directorate of Fishery (Fiskeridirektoratet) the statistical reporting areas are changed and will henceforth be reported in the following manner:

Barents Sea, Bear Island, Coast of Norway, North Sea
West Greenland

East Greenland, Iceland, Jan Mayen

In «Republic of Turkey Prime Ministry State Institute of Statistics» the weight of dolphins and porpoises caught in the Black Sea is published.

The weight in tons of cetaceans landed from 1975 to 1980 inclusive is as follows:

1975	1,404
1976	1,590.3
1977	2,608.3
1978	1,907.8
1979	1,827.9
1980	2,721

According to other sources of information the species composition has changed drastically in recent years from predominantly common dolphins (*D. Delphinus*) to harbour porpoise (*P. Phocoena*), and are now supposed to be 82 % harbour porpoise, 16 % common dolphin and 2 % bottlenose dolphin.

Based upon the above species composition the small cetaceans sub-committee of the International Whaling Commission assessed the average weight of animals landed as 36 kg, which gives an approximate catch in 1980 of:

Harbour porpoises	61,978
Common dolphins	12,093
Bottlenosed dolphins	1,512
	<hr/>
	75,583
	<hr/>

According to the Turkey New Agency the landed weight in 1981 is 886 tons which gives an approximate catch of:

Harbour porpoises	20,181
Common dolphins	3,938
Bottlenosed dolphins	492
	<hr/>
	24,611
	<hr/>

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.
1971—72	17	12	176	—	7	89	17	5	87
1972—73	14	13	188	—	7	82	14	6	106
1973—74	13	13	166	—	8	78	13	5	88
1974—75	11	12	156	—	7	75	11	5	81
1975—76	10	8	128	—	5	56	10	3	72
1976—77	9	7	99	—	4	43	9	3	56
1977—78	9	7	97	—	3	34	9	4	63
1978—79	8	7	92	—	3	30	8	4	62
1979—80	9	3	36	—	3	17	9	—	19
1980—81	10	2	29	—	2	12	10	—	17

¹⁾ 1971/72 = Antarctic season 1971/72 and outside the Antarctic in the calendar year 1972 a.s.o.

Table b.—Whales killed, by species.¹⁾

Years.	Blue.	Fin.	Hump-back.	Sei.	Bryde's.	Sperm.	Others.	Total of whales.
1971—72 ...	—	4,200	10	8,629	205	18,953	221	32,218
1972—73 ...	8	2,657	19	6,405	1,055	22,422	213	32,779
1973—74 ...	—	2,142	16	6,239	1,882	21,421	205	31,905
1974—75 ...	—	1,552	17	5,001	1,864	21,190	189	29,813
1975—76 ...	1	741	15	1,870	1,781	17,284	219	21,911
1976—77 ...	2	310	20	2,021	1,412	12,291	215	16,271
1977—78 ...	3	708	33	695	928	11,003	202	13,572
1978—79 ...	—	730	19	163	892	8,536	209	10,549
1979—80 ...	—	472	16	102	522	2,091	217	3,420
1980—81 ...	—	409	11	100	736	1,456	163	2,875

¹⁾ Exclusive small whales — See tables Z¹ — Z¹¹.

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

Years.	All areas.	Antarctic.	Africa.	North Atlantic and Arctic. ²⁾	Spain.	Azores and Madeira.	Chile.	Peru.
1971—72	32,218	11,508	1,698	1,037	346	390	352	1,900
1972—73	32,779	9,840	1,658	468	422	388	246	1,838
1973—74	31,905	10,607	1,817	381	497	234	161	1,812
1974—75	29,813	9,000	1,707	434	539	238	106	1,343
1975—76	21,911	4,856	—	409	515	³⁾ 57	87	1,923
1976—77	16,271	3,860	—	416	248	184	55	1,192
1977—78	13,572	2,725	—	425	596	205	198	1,070
1978—79	10,549	2,304	—	478	547	179	99	1,042
1979—80	3,420	—	—	467	234	210	94	665
1980—81	2,875	—	—	417	146	216	64	514
Years.	Japan.	North Pacific Ocean and Bering Sea (pelagic).		Australia.	South Atlantic Ocean.	Indian Ocean.	South Pacific Ocean.	Others.
		Japan.	USSR					
1971—72	3,442	4,039	2,128	953	1,463	1,691	971	300
1972—73	2,593	3,771	5,249	971	2,779	522	1,730	304
1973—74	2,620	3,731	4,832	1,080	1,709	723	1,407	294
1974—75	2,464	3,063	4,436	1,172	2,566	793	1,685	267
1975—76	2,570	1,631	4,350	995	2,185	771	1,284	278
1976—77	2,093	1,485	3,541	624	1,086	900	312	275
1977—78	1,792	735	2,380	679	1,054	819	623	271
1978—79	1,321	226	2,175	—	872	704	348	254
1979—80	1,499	—	—	—	—	—	—	251
1980—81	1,354	—	—	—	—	—	—	164

¹⁾ Exclusive small whales. See tables Z² - Z¹¹. ²⁾ Excluding Spain, Azores and Madeira. ³⁾ No information Azores.

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

Years.	All areas.	Antarctic.	Africa.	North Atlantic and Arctic ¹⁾	Spain.	Azores and Madeira.	Chile.	Peru.
1971—72	916,062	387,064	46,194	31,848	²⁾	8,084	²⁾	29,741
1972—73	852,816	345,539	40,704	14,692	²⁾	9,292	²⁾	27,441
1973—74	809,783	334,065	41,648	14,639	²⁾	4,681	²⁾	22,856
1974—75	764,003	292,504	36,588	13,147	²⁾	4,910	²⁾	17,283
1975—76	563,488	180,076	—	13,034	²⁾	⁴⁾ 1,386	²⁾	29,518
1976—77	453,772	137,460	—	9,417	²⁾	3,644	²⁾	17,488
1977—78	403,128	130,004	—	11,365	²⁾	⁵⁾ 3,256	²⁾	²⁾
1978—79	323,842	136,761	—	12,903	²⁾	⁵⁾ 3,497	²⁾	²⁾
1979—80	93,685	32,495	—	12,447	8,659	4,610	²⁾	²⁾
1980—81	76,275	28,465	—	11,945	4,949	4,716	²⁾	²⁾
Years.	Japan.	North Pacific Ocean and Bering Sea (pelagic).		Australia.	South Atlantic Ocean.	Indian Ocean.	South Pacific Ocean.	Others.
		Japan.	USSR					
1971—72	64,720	112,071	78,600	34,590	³⁾ 38,432	48,131	31,384	5,203
1972—73	53,740	106,406	111,970	33,415	56,426	10,906	37,411	4,874
1973—74	48,485	108,352	103,534	33,002	41,071	23,823	29,082	4,545
1974—75	47,310	82,683	89,247	34,610	71,285	21,153	47,135	6,148
1975—76	51,766	37,529	102,142	33,773	59,820	19,239	30,782	4,423
1976—77	43,168	40,471	95,789	23,123	41,012	30,636	6,209	5,355
1977—78	38,137	17,306	103,341	23,129	34,741	23,407	14,965	3,477
1978—79	29,348	2,824	81,652	—	28,000	15,807	9,141	3,909
1979—80	30,604	—	—	—	—	—	—	4,870
1980—81	23,153	—	—	—	—	—	—	3,047

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

**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.
1971—72	32,218	953	72	586	352	446	14,039	72	76
1972—73	32,779	971	82	—	246	453	11,268	—	491
1973—74	31,905	1,080	32	—	161	365	10,095	—	451
1974—75	29,813	1,172	57	1	106	420	9,450	—	276
1975—76	21,911	995	12	—	87	389	6,227	—	23
1976—77	16,271	624	30	—	55	386	5,274	—	—
1977—78	13,572	679	24	—	198	391	3,191	—	—
1978—79	10,549	—	27	—	99	440	1,867	—	—
1979—80	3,420	—	30	—	94	437	1,499	—	—
1980—81	2,875	—	—	—	64	397	1,354	—	—
	Denmark	Norway.	Peru.	Portugal.	Spain.	South Africa.	United States of America.	USSR	Others.
1971—72	5	33	1,900	390	346	1,698	39	11,210	1
1972—73	15	—	1,838	388	422	1,658	37	14,903	7
1973—74	14	—	1,812	234	497	1,817	21	15,268	58
1974—75	13	—	1,343	238	539	1,707	15	14,455	21
1975—76	18	—	1,923	57	515	—	56	11,560	49
1976—77	30	—	1,192	184	248	—	29	8,189	30
1977—78	33	—	1,070	205	596	—	18	7,119	48
1978—79	33	—	1,042	179	547	—	31	6,261	23
1979—80	26	—	665	210	234	—	36	178	11
1980—81	20	—	514	216	146	—	28	135	1

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

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

Years.	All countries.	Australia.	Brazil.	Canada.	Chile.	Iceland.	Japan.	Bahamas.
1971—72	916,062	34,590	5,203	17,298	³⁾	14,550	358,742	³⁾
1972—73	852,816	33,415	4,874	—	³⁾	14,692	295,129	—
1973—74	809,783	33,002	4,545	—	³⁾	14,639	251,648	—
1974—75	764,003	34,610	6,148	—	³⁾	13,147	236,669	—
1975—76	563,488	33,773	4,423	—	³⁾	13,034	144,024	—
1976—77	453,772	23,123	5,355	—	³⁾	9,417	125,639	—
1977—78	403,128	23,129	3,477	—	³⁾	11,365	75,972	—
1978—79	323,842	—	3,909	—	³⁾	12,903	45,560	—
1979—80	93,685	—	4,870	—	³⁾	12,447	41,722	—
1980—81	76,275	—	3,047	—	³⁾	11,945	37,612	—
	Somali Rep.	Norway.	Peru.	Portugal.	Spain.	South Africa.	United States of America.	USSR
1971—72	—	836	29,741	8,084	³⁾	46,194	—	400,824
1972—73	1,626	—	27,441	9,292	³⁾	40,704	—	425,643
1973—74	1,840	—	22,856	4,681	³⁾	41,648	—	434,924
1974—75	708	—	17,283	4,910	³⁾	36,588	—	413,940
1975—76	—	—	29,518	1,386	³⁾	—	—	337,330
1976—77	—	—	17,488	3,644	³⁾	—	—	269,106
1977—78	—	—	³⁾	3,256	³⁾	—	—	285,929
1978—79	—	—	³⁾	3,497	³⁾	—	—	257,973
1979—80	—	—	³⁾	4,610	8,659	—	—	21,377
1980—81	—	—	³⁾	4,716	4,949	—	—	14,006

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

Table g.—Sperm-oil production.¹⁾

Grounds	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81
Antarctic, pelagic	152,192	116,529	78,248	102,421	118,337	-	-
Africa:							
Natal	35,135	-	-	-	-	-	-
South Atlantic, pelagic	70,577	59,820	41,012	34,741	28,000	-	-
Brazil	566	149	337	324	344	388	-
North Atlantic and Arctic:							
Azores	2,915	²⁾	2,262	3,256	3,497	3,413	3,292
Madeira	1,995	1,386	1,382	²⁾	²⁾	1,197	1,424
Spain	²⁾	²⁾	²⁾	²⁾	²⁾	288	-
Iceland	1,929	5,115	4,707	5,997	4,511	4,477	1,906
Pacific North:							
Pelagic, Japan	65,624	31,217	36,294	15,306	1,271	-	-
Pelagic, USSR	84,603	97,677	94,495	102,476	80,217	-	-
Japan, coastal	45,962	51,298	42,691	37,789	29,005	28,880	20,347
Indian Ocean	21,153	19,239	29,324	23,389	14,748	-	-
South Pacific Ocean	47,135	30,782	5,133	13,930	9,141	-	-
Peru	13,665	25,830	14,806	²⁾	²⁾	²⁾	²⁾
Chile	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾
Australia	34,610	33,773	23,123	23,129	-	-	-
	578,061	472,815	373,814	362,758	289,071	38,643	26,969
Of which produced by:							
South Africa	35,135	-	-	-	-	-	-
Japan	138,556	100,720	86,955	62,089	35,417	28,880	20,347
USSR	348,690	305,842	240,242	267,963	245,302	-	-
Portugal	4,910	1,386	3,644	3,256	3,497	4,610	4,716
Australia	34,610	33,773	23,123	23,129	-	-	-
Spain	²⁾	²⁾	²⁾	²⁾	²⁾	288	-
Iceland	1,929	5,115	4,707	5,997	4,511	4,477	1,906
Peru	13,665	25,830	14,806	²⁾	²⁾	²⁾	²⁾
Brazil	566	149	337	324	344	388	-
Chile	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾	²⁾

¹⁾ In barrels of 170 kg. ²⁾ No information.

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

Species of whales and whaling grounds	1981	1980	1979	1978	1977	1976	1975
	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.
Fin whales.							
Antarctic:—							
Pelagic whaling	—	—	—	—	—	65,9	66,0
Africa:—							
Natal	—	—	—	—	—	—	60,7
North Atlantic and Arctic:—							
Iceland	59,1	60,0	60,1	60,2	59,6	60,2	60,0
Spain	59,0	57,3	—	—	—	—	—
Pacific North:—							
Pelagic, Japan	—	—	—	—	—	—	61,0
Pelagic, USSR	—	—	—	—	—	—	60,5
Japan, coastal	—	—	—	—	—	—	58,9
Sei whales.							
Antarctic:—							
Pelagic whaling	—	—	—	44,7	47,7	47,8	47,8
Africa:—							
Natal	—	—	—	—	—	—	46,0
Brazil	—	—	—	—	48,0	47,7	45,0
North Atlantic and Arctic:—							
Iceland	43,7	43,7	44,2	—	44,2	43,7	43,6
Pacific North:—							
Pelagic, Japan	—	—	—	—	—	—	44,0
Pelagic, USSR	—	—	—	—	—	—	45,5
Japan coastal	—	—	—	—	—	—	42,9
South Atlantic Ocean, pelagic.	—	—	—	—	—	—	43,5
Bryde's whales.							
Africa:—							
Natal	—	—	—	—	—	—	39,3
Pacific North:—							
Pelagic, Japan	—	—	42,3	41,8	41,6	42,2	42,1
Pelagic, USSR	—	—	41,2	41,3	41,5	41,4	41,3
Japan coastal	40,9	41,3	41,5	—	40,8	40,2	41,3
Indian Ocean, pel.	—	—	40,4	—	—	—	—
Minke whales.							
Antarctic:—							
Pelagic whaling	28,3	28,6	28,4	28,3	28,2	27,8	27,8
Africa:—							
Natal	—	—	—	—	—	—	26,7
Brazil	27,8	27,9	28,0	28,3	27,9	28,7	28,3
North Atlantic and Arctic:—							
Iceland	23,8	24,1	—	—	—	—	—
Pacific North:—							
Japan coastal	21,3	21,7	20,8	20,9	—	—	—
Sperm whales.							
Antarctic:—							
Pelagic whaling	—	—	47,8	46,7	45,2	45,0	42,8
Africa:—							
Natal	—	—	—	—	—	—	35,2
South Atlantic, pelagic	—	—	41,8	40,7	41,6	38,7	38,5
Brazil	—	34,2	33,6	32,5	32,4	34,6	31,5
North Atlantic and Arctic:—							
Iceland	48,6	47,2	48,5	48,2	47,2	47,9	49,2
Spain	—	39,6	—	—	—	—	—
Nova Scotia	—	—	—	37,2	—	—	—

Cont. next p.

Table h cont.

Species of whales and whaling grounds	1981	1980	1979	1978	1977	1976	1975
	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.
Pacific North:—							
Pelagic, Japan	—	—	37.8	37.8	39.8	38.4	40.2
Pelagic, USSR	—	—	42.8	45.1	38.5	37.7	36.6
Japan coastal	37.7	38.7	38.0	37.2	35.9	35.5	35.9
South Pacific Ocean, pelagic ..	—	—	35.3	36.4	34.6	36.1	37.8
Indian Ocean, pel	—	—	37.5	39.0	39.9	37.4	37.4
Australia	—	—	—	40.3	41.2	40.0	38.1

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

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sel.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.	
<i>North Atlantic and Arctic. Total</i>	1972	—	599	3	316	119	—	1,037	31,848	4	—	8	
	1973	—	268	10	141	48	1	468	14,692	1	—	4	
	1974	—	290	11	9	71	—	381	14,639	1	—	4	
	1975	—	246	9	141	37	—	433	13,147	1	—	4	
	1976	—	284	11	3	111	—	409	13,034	1	—	4	
	1977	—	157	16	133	110	—	416	9,417	1	—	4	
	1978	—	248	22	14	141	—	425	11,365	1	—	4	
	1979	—	278	19	85	96	—	478	12,903	1	—	5	
	1980	—	249	16	100	102	—	467	12,447	1	—	4	
	1981	—	260	11	100	43	—	417	11,945	1	—	4	
<i>Faroe Islands.</i>	1978	—	7	—	—	—	—	7		—	—	—	
	1979	—	11	—	1	—	—	12		—	—	1	
	1981	—	3	—	—	—	—	3		—	—	—	
<i>Iceland.</i>	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	
	1979	—	260	—	84	96	—	440	12,903	1	—	4	
	1980	—	236	—	100	101	—	437	12,447	1	—	4	
	1981	—	254	—	100	43	—	397	11,945	1	—	4	
<i>Greenland.</i>	1970	—	—	—	—	1	—	1		—	—	—	
	1971	—	—	4	1	—	—	5		—	—	—	
	1972	—	1	3	1	—	—	5		—	—	—	
	1973	—	1	10	2	1	⁴)1	15		—	—	—	
	1974	—	5	9	—	—	—	14		—	—	—	
	1975	—	1	9	3	—	—	13		—	—	—	
	1976	—	9	9	—	—	—	18		—	—	—	
	1977	—	13	16	1	—	—	30		—	—	—	
	1978	—	5	21	—	—	—	26		—	—	—	
	1979	—	7	14	—	—	—	21		—	—	—	
	1980	—	13	13	—	—	—	26		—	—	—	
1981	—	6	11	—	—	—	17		—	—	—		
<i>Nova Scotia.</i>	1972	—	95	—	183	41	—	319	8,325	1	—	1	
<i>Newfoundland and Labrador.</i>	1972	—	265	—	—	2	²)	267 ³)	8,973	2	—	3	
<i>The West Indies.</i>	1974	—	—	2	—	—	—	2		—	—	—	
	1976	—	—	2	—	—	—	2		—	—	—	
	1978	—	—	1	—	—	—	1		—	—	—	
	1979	—	—	5	—	—	—	5		—	—	—	
	1980	—	—	3	—	1	—	4		—	—	—	

¹) Barrel=170 kg (Barrel=abt. 1/6 long ton). ²) In addition minke whales — See table Z². ³) Incl. oil from minke whales. ⁴) Bowhead whale.

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.	Float-ing factories.	Catch-ers.
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	-	-	-
1979	-	-	-	-	127	-	127	3,497	-	-	-
1980	-	-	-	-	³⁾ 144	-	³⁾ 144	³⁾ 3,413	-	-	-
1981	-	-	-	-	138	-	138	3,292	-	-	-

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

Table k.—Madeira.

Years	Species of whales caught.							Oil production. Barrels.	Expeditions. ¹⁾		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
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	-	-	-	-
1979	-	-	-	-	52	-	52	-	-	-	-
1980	-	-	-	-	66	-	66	1,197	-	-	-
1981	-	-	-	-	78	-	78	1,424	-	-	-

¹⁾ Several small shore stations.

Table l.—Spain.¹⁾

Years	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
1972	-	97	-	13	236	-	346			-	5
1973	1	112	-	15	294	-	422			-	5
1974	-	120	1	5	371	-	497			-	5
1975	-	137	-	26	376	-	539			-	5
1976	1	238	-	6	270	-	515			-	5
1977	2	151	-	5	90	-	248			-	2
1978	3	460	-	15	118	-	596			-	5
1979	-	452	-	13	82	-	547			-	4
1980	-	219	-	2	13	-	234	8,659	2	-	3
1981	-	146	-	-	-	-	146	4,949	2	-	2

¹⁾ See introduction to publication No. LXXXVII p. 9.

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.
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⁾
1979	—	—	—	—	872	—	872	28,000	—	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.
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⁾
1979	—	—	—	—	—	—	—	—	—	—	¹⁾

¹⁾ No information. ²⁾ Oil produced of 30 sperm whales. ³⁾ January — February 16 th.

Table n.—Africa.

Grounds.	Years.	Species of whales caught.							Oil production. ²⁾ Barrels.	Expeditions.			
		Blue	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
Natal.	1972	—	51	—	4	1,640	¹⁾ 3	²⁾ 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 Z²⁾. 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.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.	
<i>USSR coastal</i>	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	—	—	—	—	
	1979	—	—	—	—	—	¹⁾ 178	178	—	—	—	—	
	1980	—	—	—	—	—	¹⁾ 178	178	—	—	—	—	
1981	—	—	—	—	—	¹⁾ 135	135	—	—	—	—		
<i>USA</i>	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	—	—	—	—	
	1979	—	—	—	—	—	⁷⁾ 31	31	—	—	—	—	
	1980	—	—	—	—	—	⁹⁾ 36	36	—	—	—	—	
1981	—	—	—	—	—	⁷⁾ 28	28	—	—	—	—		
<i>Canada.</i>	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 bowhead whales and 1 gray whale. ⁷⁾ Bowhead whales. ⁸⁾ 20 bowhead whales and 1 gray whale. ⁹⁾ 34 bowhead whales and 2 gray whales.

Table p.—Japan.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
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
1979	—	—	—	—	1,269	¹⁾ 52	1,321	29,348	4	—	7
1980	—	—	—	—	1,192	¹⁾ 307	1,499	30,604	4	—	10
1981	—	—	—	—	869	¹⁾ 485	1,354	23,153	5	—	9

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.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
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
1979	—	—	—	—	51	¹⁾ 175	226	2,824	—	1	4

¹⁾ Bryde's whales.

Table r.—North Pacific Ocean and Bering Sea — USSR.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
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
1979	—	—	—	—	1,948	¹⁾ 227	2,175	81,652	—	3	35

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.
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
1979	—	—	—	—	27	—	27	3,909	1	—	1
1980	—	—	—	—	30	—	30	4,870	1	—	1
1981	—	—	—	—	—	—	—	3,047	1	—	1

¹⁾ In addition minke whales — see table Z². 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. ²⁾	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1972	—	9	—	337	1,554	—	1,900	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	—	13	—	12	1,500	²⁾ 398	1,923	29,518	1	—	3
1977	—	2	—	5	799	²⁾ 386	1,192	17,488	1	—	3
1978	—	—	—	3	770	²⁾ 297	1,070	¹⁾	1	—	3
1979	—	—	—	—	742	²⁾ 300	1,042	¹⁾	1	—	3
1980	—	—	—	—	450	²⁾ 215	665	¹⁾	¹⁾	—	1)
1981	—	—	—	—	264	²⁾ 250	514	¹⁾	¹⁾	—	1)

¹⁾ No information. ²⁾ Bryde's whales. ³⁾ Sei and Bryde's whales for 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.
1972	—	—	—	15	337	—	352	¹⁾	1	—	3
1973	—	—	—	14	232	—	246	¹⁾	1	—	3
1974	—	2	—	34	125	—	161	¹⁾	1	—	3
1975	—	—	—	58	48	—	106	¹⁾	1	—	3
1976	—	—	—	2	85	—	87	¹⁾	1	—	3
1977	—	—	—	15	40	—	55	¹⁾	1	—	3
1978	—	—	—	98	100	—	198	¹⁾	1	—	3
1979	—	—	—	65	34	—	99	¹⁾	1	—	3
1980	—	—	—	—	94	—	94	¹⁾	¹⁾	—	1)
1981	—	—	—	—	64	—	64	¹⁾	1	—	1

¹⁾ No information.

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.
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⁾
1979	—	—	—	—	348	—	348	9,141	—	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.
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⁾
1979	-	-	-	-	584	³⁾ 120	704	15,807	-	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.
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⁾		
	Fin	Bryde's	Hump-back	Sei	Sperm	Others	Total of whales		Shore stations	Floating fact.	Catchers.
1972	-	1	-	-	-	-	1				
1973	-	4	-	-	-	-	4				
1974	-	52	-	-	-	-	52				
1975	-	13	-	-	-	-	13				
1976	-	43	-	-	-	-	43				
1977	-	26	-	-	-	-	26				
1978	-	34	-	-	-	2	36				
1979	-	18	-	-	-	-	18				
1980	4	-	-	-	-	3	7				
1981	-	1	-	-	-	-	1				

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
1971-72	Total	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
1978-79	»	13,110	1,360	114 l.t.	62,067	-	472
1979-80	»	11,460	193	85 l.t.	43,555	-	97
1980-81	»	6,032	221	-	39,800	-	88

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
USSR	3,423	-	3,819,000	5,587	-	103
Japan, coastal	7,402	-		4,979	-	1,029
USA, coastal ⁴⁾						
USSR, 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
<i>Summary by grounds:</i>						
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
USSR	3,245	-	148 l.t.	5,339	-	11
Japan coastal	6,618	-		4,652	-	920
USA, coastal ⁴⁾						
USSR, 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	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 ³⁾						
Iceland	1,424	-	-	4,353	-	110
Greenland ³⁾						
North Pacific Ocean, pel.						
Japan	-	-	-	1,614	-	1,507
USSR	3,065	36	139	4,841	-	4
Japan coastal	4,606	-	-	6,111	-	173
USA coastal ³⁾						
USSR 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
<i>Summary by grounds: 1978/79</i>						
Antarctic ¹⁾	4,740	1,234	-	42,983	-	23
Brazil ²⁾	383	-	-	2,134	-	165
North Atlantic and Arctic:						
Azores ³⁾						
Madeira ³⁾						
Spain ³⁾						
Iceland	1,548	-	-	4,371	-	111
Greenland ³⁾						
North Pacific Ocean, pel.						
Japan	-	-	-	1,444	-	86
USSR	2,483	126	114	7,042	-	9
Japan coastal	3,956	-	-	4,093	-	78
Korea ³⁾						
USA coastal ³⁾						
USSR coastal ³⁾						
Peru ³⁾						
Chile ³⁾						
South Atlantic Ocean ³⁾						
Total	13,110	1,360	114	62,067	-	472

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 Z¹ cont.

	Whale meal, bone meal	Whale liver	Liver oil	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: 1979/80</i>						
Antarctic	2,096	193	85	31,008		16
Brazil	442	-	-	2,676	-	-
North Atlantic and Arctic:						
Iceland	1,300	-	-	4,555	-	-
Spain	3,266	-	-	-	-	-
Japan coastal	4,356	-	-	5,316	-	81
Korea ¹⁾ -						
USA coastal ¹⁾						
USSR coastal ¹⁾						
Peru ¹⁾						
Chile ¹⁾						
Total	11,460	193	85	43,555	-	97
<i>Summary by grounds: 1980/81</i>						
Antarctic ²⁾	1,330	221	-	24,266	-	-
Brazil ²⁾	317	-	-	2,397	-	19
North Atlantic and Arctic:						
Azores ¹⁾						
Madeira ¹⁾						
Spain	79	-	-	2,206	-	-
Iceland	1,181	-	-	4,535	-	-
Greenland ¹⁾						
Japan coastal ³⁾	3,125	-	-	6,396	-	69
USA coastal ¹⁾						
USSR coastal ¹⁾						
Peru ¹⁾						
Chile ¹⁾						
Korea ¹⁾						
Total	6,032	221	-	39,800	-	88

¹⁾ No information. ²⁾ By-products from minke whales. ³⁾ Including by-products from coastal catch of small cetaceans.

Table Z.^a — 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
1970	4,538	535	747	278	1,921	113	440	7,360	527,750
1971	4,790	213	1,215	94	751	118	227	5,488	262,034
1972	7,927	19	602	50	1,198	86	117	8,858	423,695
1973	10,446	30	1,191	25	1,607	32	546	18,457	252,187
1974	11,662	4	821	61	2,108	32	477	3,942	165,783
1975	11,293	2	1,374	49	1,414	46	380	6,136	194,486
1976	10,199	1	710	17	2,264	13	439	6,311	128,270
1977	12,433	2	1,105	53	2,168	44	537	4,317	51,390
1978	9,042	5	1,350	171	1,224	36	784	732	30,517
1979	9,902	—	1,778	270	1,113	28	558	883	22,925
1980	11,709	—	2,816	970	852	31	524	741	105,807
1981	10,392	—	2,974	23	1 567/ 1 708	39	956	850	82,524
1970.									
Bahamas	1	—	—	—	—	—	—	—	—
Brazil	701	—	—	—	—	—	—	—	—
Canada	86	—	155	—	411	—	88	—	—
Denmark:									
Faroe Islands	—	—	388	—	—	—	—	—	60
Greenland ...	196	—	9	2	1,510	—	352	1,360	2
Japan	330	—	152	12	—	113	—	—	29
Norway	2,308	535	43	257	—	—	—	—	—
Rep. of Korea .	715	—	—	—	—	—	—	—	—
South Africa ..	171	—	—	—	—	—	—	—	—
USA	—	—	—	—	—	—	—	6,000	} 527,659
Other nations ..	—	—	—	—	—	—	—	—	
USSR	30	—	—	7	—	—	—	—	—
Total	4,538	535	747	278	1,921	113	440	7,360	527,750
1971.									
Brazil	900	—	—	—	—	—	—	—	—
Canada	73	—	—	2	13	—	30	—	—
Denmark:									
Faroe Islands	3	—	1,032	1	—	—	—	—	80
Greenland ...	189	—	—	2	738	—	197	1,388	1
Japan	289	—	181	10	—	118	—	—	25
Norway	2,362	213	—	70	—	—	—	—	—
Rep. of Korea .	730	—	—	—	—	—	—	—	—
South Africa ..	204	—	—	—	—	—	—	—	—
USA	—	—	—	—	—	—	—	4,100	} 261,928
Other nations ..	—	—	—	—	—	—	—	—	
USSR	40	—	2	9	—	—	—	—	—
Total	4,790	213	1,215	94	751	118	227	5,488	262,034
1972.									
Brazil	702	—	—	—	—	—	—	—	—
Canada	97	—	—	—	181	—	—	—	—
Denmark:									
Faroe Islands	—	—	511	—	—	—	—	—	—
Greenland ...	145	—	—	—	832	—	117	1,258	—
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	—	—	—	—	—
USA	—	—	—	—	185	—	—	7,600	} 423,678
Other nations ..	—	—	—	—	—	—	—	—	
USSR	41	2	—	2	—	—	—	—	—
Total	7,927	19	602	50	1,198	86	117	8,858	423,695

Cont. next p.

Table Z^a 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
1973.									
Brazil	650	-	-	-	-	-	-	-	-
Canada	-	-	-	-	538	-	341	-	-
Denmark:									
Faroe Islands	-	-	1,050	1	-	-	-	-	-
Greenland ..	276	-	-	-	1,069	-	205	857	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
USA	-	-	-	-	-	-	-	17,600	196,556
Other nations ..	-	-	-	-	-	-	-	-	55,626
USSR	3,653	27	-	15	-	-	-	-	-
Total	10,446	30	1,191	25	1,607	32	546	18,457	252,187
1974.									
Brazil	765	-	-	-	-	-	-	-	-
Canada	-	-	-	-	1,177	-	291	-	-
Denmark:									
Faroe Islands	-	-	673	-	-	-	-	-	4
Greenland ..	217	-	14	3	925	-	186	742	15
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	-	-	-	-	-
USA	-	-	-	-	6	-	-	3,200	139,882
Other nations ..	-	-	-	-	-	-	-	-	25,881
USSR	4,000	4	-	48	-	-	-	-	-
Total	11,662	4	821	61	2,108	32	477	3,942	165,783
1975.									
Brazil	1,039	-	-	-	-	-	-	-	-
Canada	-	-	-	-	792	-	251	-	-
Denmark:									
Faroe Islands	-	-	1,080	-	-	-	-	-	-
Greenland ..	223	-	106	-	609	-	129	936	24
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	-	-	-	-	-
USA	-	-	-	-	13	-	-	5,200	166,645
Other nations ..	-	-	-	-	-	-	-	-	27,812
USSR	3,500	3	-	40	-	-	-	-	-
Total	11,273	3	1,374	49	1,414	46	380	6,136	194,486

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
1976.									
Brazil	776	-	-	-	-	-	-	-	-
Canada	-	-	-	-	1,075	-	300	-	-
Denmark	-	-	-	-	-	-	-	-	-
Faroe Islands	-	-	531	-	-	-	-	-	44
Greenland ...	192	-	51	-	1,176	-	139	911	1
Great Britain ..	-	-	117	-	-	-	-	-	-
Iceland	197	-	-	-	-	-	-	-	-
Japan	3,377	-	11	1	-	13	-	-	3
Norway	2,146	-	-	-	-	-	-	-	-
Rep. of Korea ..	494	-	-	-	-	-	-	-	-
Somali Republic	-	-	-	-	-	-	-	-	-
USA	-	-	-	-	13	-	-	5,400	108,740
Other nations ..	-	-	-	-	-	-	-	-	19,482
USSR	3,017	1	-	16	-	-	-	-	-
Total	10,199	1	710	17	2,264	13	439	6,311	128,270
1977									
Brazil	1,000	-	-	-	-	-	-	-	-
Canada	-	-	-	14	1,302	-	263	-	-
Denmark:	-	-	-	-	-	-	-	-	-
Faroe Islands	-	-	898	-	-	-	-	-	-
Greenland ...	286	-	136	2	805	-	274	1,007	36
Great Britain ..	-	-	65	-	-	-	-	-	-
Iceland	194	-	-	-	-	-	-	-	-
Japan	4,198	-	6	1	-	44	-	-	1
Norway	1,772	-	-	7	-	-	-	-	-
Rep. of Korea ..	1,033	-	-	-	-	-	-	-	-
USA	-	-	-	-	61	-	-	3,310	25,452
Other nations ..	-	-	-	-	-	-	-	-	25,901
USSR	3,950	2	-	29	-	-	-	-	-
Total	12,433	2	1,105	53	2,168	44	537	4,317	51,390
1978									
Brazil	690	-	-	-	-	-	-	-	-
Canada	-	-	-	-	703	-	279	-	-
Denmark:	-	-	-	-	-	-	-	-	-
Faroe Islands	-	2	1,238	31	-	-	-	-	-
Greenland ...	144	-	101	-	519	-	505	732	4
Great Britain ..	-	-	-	-	-	-	-	-	-
Iceland	198	-	-	-	-	-	-	-	-
Japan	2,800	-	11	-	-	36	-	-	-
Norway	1,592	-	-	63	-	-	-	-	-
Rep. of Korea ..	1,018	-	-	-	-	-	-	-	-
USA	-	-	-	-	2	-	-	-	19,366
Other nations ..	-	-	-	-	-	-	-	-	11,147
USSR	2,600	3	-	77	-	-	-	-	-
Total	9,042	5	1,350	171	1,224	36	784	732	30,517

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
1979									
Brazil	739	-	-	-	-	-	-	-	-
Canada	-	-	-	-	449	-	319	-	-
Denmark:									
Faroe Islands	-	-	1,725	-	-	-	-	-	-
Greenland ...	204	-	50	-	526	-	239	883	17
Great Britain ..	-	-	-	-	-	-	-	-	-
Iceland	199	-	-	-	-	-	-	-	-
Japan	3,139	-	3	-	-	28	-	-	-
Norway	1,980	-	-	221	-	-	-	-	-
Rep. of Korea..	906	-	-	-	-	-	-	-	-
USA	2	-	-	-	138	-	-	-	16,378
Other nations..	-	-	-	-	-	-	-	-	6,530
USSR	2,733	-	-	49	-	-	-	-	-
Total	9,902	-	1,778	270	1,113	28	558	883	22,925
1980									
Brazil	902	-	-	-	-	-	-	-	-
Canada	-	-	-	-	¹⁾ 342	-	339	-	²⁾ 23,402
Denmark:									
Faroe Islands	-	-	2,773	-	-	-	-	-	-
Greenland ...	141	-	2	-	264	-	185	741	6
France	-	-	-	-	-	-	-	-	²⁾ 16
Iceland	201	-	-	-	-	-	-	-	-
Japan	3,658	-	1	2	-	31	-	-	²⁾ 38,646
New Zealand ..	-	-	-	-	-	-	-	-	²⁾ 156
Norway	2,002	-	-	52	-	-	-	-	-
Rep. of Korea..	925	-	-	-	-	-	-	-	-
Seychilles.....	-	-	-	-	-	-	-	-	²⁾ 100
South Africa...	-	-	-	-	-	-	-	-	²⁾ 174
Spain	-	-	-	-	-	-	-	-	²⁾ 5
The West Indies	-	-	40	-	-	-	-	-	-
USA	1	-	-	-	10	-	-	-	16,995
Other nations..	-	-	-	-	-	-	-	-	26,307
USSR	3,879	-	-	916	²⁾ 236	-	-	-	-
Total	11,709	-	2,816	970	852	31	524	741	105,807

¹⁾ Provisional figures. ²⁾ According to appendix 3 to the report of the Committee on small cetaceans. See introduction.

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	Commen porp.	Others
1981.									
Brazil	749	-	-	-	-	-	-	-	-
Canada	-	-	-	-	692/712	-	406	-	²⁾ 40
Denmark:									
Faroe Islands	-	-	2,973	-	-	-	-	-	-
Greenland ¹⁾ .	190	-	1	-	650	-	550	850	3
France	-	-	-	-	-	-	-	-	²⁾ 2,035
Iceland	201	-	-	²⁾ 3	-	-	-	-	-
Japan	3,494	-	-	5	-	39	-	-	³⁾ 17,676
Netherlands ...	-	-	-	-	-	-	-	-	²⁾ 15
New Zealand ..	-	-	-	-	-	-	-	-	²⁾ 6
Norway	1,877	-	-	13	-	-	-	-	-
Republic of									
Korea	760	-	-	2	-	-	-	-	-
Seychilles	-	-	-	-	-	-	-	-	²⁾ 10
South Africa ..	-	-	-	-	-	-	-	-	²⁾ 78
Spain	-	-	-	-	-	-	-	-	²⁾ 3,014
The West Indies ⁴⁾	-	-	-	-	-	-	-	-	-
Turkey	-	-	-	-	-	-	-	-	24,611
USA	1	-	-	-	125/196	-	-	-	²⁾ 18,520
Other nations .	-	-	-	-	-	-	-	-	²⁾ 16,516
USSR	3,120	-	-	-	100/ 150 ⁵⁾	-	-	-	-
Total	10,392	-	2,974	23	1 567/ 1 708	39	956	850	82,524
1982 ⁵⁾									
Japan	3,577	-	-	-	-	-	-	-	-
USSR	3,577	-	-	-	-	-	-	-	-

¹⁾ Provisional figures. ²⁾ According to appendix 3 to the report of Committee on small cetaceans. See introduction to No. LXXXVII. ³⁾ Caught by local fisheries, but including 1,659 caught in US waters. ⁴⁾ No information. ⁵⁾ Antarctic 1981/82.

**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	1972	—	—	—	63	791	1,370	164	239	23	—	—	—	2,650
	1973	—	—	—	27	395	1,086	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
	1979	—	—	—	26	346	1,291	205	93	10	—	—	—	²⁰⁾ 1,980
	1980	—	—	—	17	417	1,056	389	123	—	—	—	—	2,002
	1981	—	—	—	20	336	1,018	372	93	38	—	—	—	1,877
Of which:														
Barents Sea, Bear Island, Coast of Norway														
North Sea	1976	—	—	—	13	445	1,252	28	116	—	—	—	—	⁶⁾ 1 860
	1977	—	—	—	11	576	1,077	4	—	—	—	—	—	¹⁰⁾ 1,697
	1978	—	—	—	12	850	478	2	19	—	—	—	—	¹⁵⁾ 1,386
	1979	—	—	—	26	346	1,265	109	30	—	—	—	—	²⁰⁾ 1,785
	1980	—	—	—	17	417	1,046	316	11	—	—	—	—	1,807
	1981	—	—	—	20	336	1 002	345	64	4	—	—	—	1,771
West Greenland ..	1976	—	—	—	—	—	39	15	135	—	—	—	—	189
	1977	—	—	—	—	—	9	25	41	—	—	—	—	75
	1978	—	—	—	—	—	15	25	35	—	—	—	—	75
	1979	—	—	—	—	—	26	23	16	10	—	—	—	75
	1980	—	—	—	—	—	10	48	17	—	—	—	—	75
	1981	—	—	—	—	—	16	27	18	—	—	—	—	61
East Greenland, Iceland, Jan Mayen	1976	—	—	—	—	5	3	33	56	—	—	—	—	97
	1977	—	—	—	—	—	—	—	—	—	—	—	—	—
	1978	—	—	—	—	—	—	87	37	—	—	—	—	¹⁷⁾ 131
	1979	—	—	—	—	—	—	73	47	—	—	—	—	120
	1980	—	—	—	—	—	—	25	95	—	—	—	—	120
	1981	—	—	—	—	—	—	—	11	34	—	—	—	45
Denmark:—														
Greenland	1972	—	—	—	—	—	—	—	—	—	—	—	—	145
	1973	—	—	—	—	—	—	—	—	—	—	—	—	276
	1974	—	—	—	—	—	—	—	—	—	—	—	—	217
	1975	—	—	—	—	—	—	—	—	—	—	—	—	223
	1976	—	—	—	—	—	—	—	—	—	—	—	—	192
	1977	—	—	—	—	—	—	—	—	—	—	—	—	286
	1978	—	—	—	13	17	18	22	18	25	16	6	7	²²⁾ 144
	1979	—	—	—	3	15	20	28	32	27	33	23	6	²³⁾ 204
	1980	—	—	—	—	—	—	—	—	—	—	—	—	141
	1981	—	—	—	—	—	—	—	—	—	—	—	—	190

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	-	-	- ⁵⁾	181
	1976	-	-	1	6	5	6	42	55	62	15	3	-	- ⁹⁾	197
	1977	-	-	3	14	34	37	73	33	-	-	-	-	-	194
	1978	-	-	-	11	29	58	92	2	6	-	-	-	-	198
	1979	-	-	-	-	14	33	62	64	11	7	7	-	- ¹⁹⁾	199
	1980	-	-	-	-	7	100	94	-	-	-	-	-	-	201
	1981	-	-	-	-	-	47	62	56	23	12	1	-	-	201
Canada:— Newfoundland ...	1972	-	-	-	-	36	27	31	2	1	-	-	-	97	
Japan:— Coastal districts ..	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	
	1979	-	-	-	70	98	53	48	64	74	-	-	-	407	
	1980	-	-	-	77	89	77	59	24	53	-	-	-	379	
	1981	-	-	-	72	81	86	72	35	28	-	-	-	374	
Antarctic ¹⁾	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	
	1979/80	907	1144	16	-	-	-	-	-	-	-	273	939	3,279	
	1980/81	838	723	254	-	-	-	-	-	-	-	89	1216	3,120	
	1981/82	1112	1102	545	-	-	-	-	-	-	-	95	723	3,577	
Brazil	1972	-	-	-	-	-	5	22	84	165	187	178	61	702	
	1973	-	-	-	-	-	-	6	88	144	210	168	34	650	
	1974	-	-	-	-	-	7	69	131	191	184	128	55	765	
	1975	-	-	-	-	-	14	79	191	227	268	188	72	1,039	
	1976	-	-	-	-	-	8	84	154	223	208	99	-	776	
	1977	-	-	-	-	-	1	37	117	182	355	299	9	1,000	
	1978	-	-	-	-	-	-	-	98	182	232	168	10	690	
	1979	-	-	-	-	-	-	47	125	180	213	131	43 ¹⁸⁾	739	
	1980	-	-	-	-	-	4	84	113	191	284	186	40	902	
	1981	-	-	-	-	-	-	73	140	239	261	36	-	749	
Africa:— Natal	1972	-	-	-	10	9	32	33	11	40	-	-	-	135	
1973	-	-	-	-	7	60	55	25	26	-	-	-	-	173	
1974	-	-	-	9	21	11	27	20	27	-	-	-	- ⁴⁾	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.			
USSR:—																
Antarctic ¹⁾	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	
	1979/80	1469	1266	177	—	—	—	—	—	—	—	—	74	893	3,879	
	1980/81	930	704	525	172	—	—	—	—	—	—	—	—	789	3,120	
	1981/82	886	708	549	299	—	—	—	—	—	—	—	264	869	3,577 ⁴⁾	
Somali Rep.																
South Atlantic ...	1972	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
	1973	—	—	—	—	—	—	1	—	—	—	—	—	1	—	2
	1974	—	—	1	—	—	—	—	—	—	—	—	—	1	—	2
	1975	—	—	—	—	—	—	—	—	1	1	—	—	—	—	2
Republic of Korea ..																
	1972	—	—	—	—	—	—	—	—	—	—	—	—	—	—	767
	1973	—	—	—	—	—	—	—	—	—	—	—	—	—	—	882
	1974	—	—	—	—	—	—	—	—	—	—	—	—	—	—	566
	1975	—	—	—	—	—	—	—	—	—	—	—	—	—	—	561
	1976	—	—	—	—	—	—	—	—	—	—	—	—	—	—	494
	1977	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,033
	1978	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,018
	1979	—	—	35	195	235	216	73	25	14	113	—	—	—	—	906
	1980	—	—	46	155	199	137	129	87	119	53	—	—	—	—	925
	1981	—	—	101	196	145	68	71	53	104	22	—	—	—	—	760
USA																
Alaska	1979	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
	1980	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	1981	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1

¹⁾ Incl. catch north of 40° South. ²⁾ Incl. 2 lost. ³⁾ Incl. 21 without information of month. ⁴⁾ Incl. 6 without information of month. ⁵⁾ Incl. 4 without information of month. ⁶⁾ Incl. 2 without information of month. ⁷⁾ Incl. 2 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. 32 without information of month. ¹⁴⁾ Incl. 25 without information of month. ¹⁵⁾ Incl. 25 without information of month. ¹⁶⁾ Incl. 18 without information of month. ¹⁷⁾ Incl. 7 without information of month. ¹⁸⁾ Incl. 1 lost in September. ¹⁹⁾ Incl. 1 without information of month. ²⁰⁾ Incl. 9 without information of month. ²¹⁾ Incl. 2 without information of month. ²²⁾ Incl. 2 without information of month. ²³⁾ Incl. 17 without information of month.

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	1972	—	—	—	18	10	—	—	—	—	—	—	—	28
	1973	—	—	—	—	1	—	—	—	—	—	—	—	1
	1974	—	—	—	—	6	—	—	—	—	—	—	—	6
	1975	—	—	—	—	2	—	—	—	—	—	—	—	2
	1977	—	—	—	—	2	5	—	—	—	—	—	—	7
	1978	—	—	—	1	7	6	—	—	—	—	22	27	63
	1979	102	9	3	6	1	—	—	3	7	45	36	3 ¹⁾	221
	1980	48	4	—	—	—	—	—	—	—	—	—	—	52
	1981	—	—	—	—	—	—	—	—	—	—	—	—	13
Denmark:—														
Greenland	1974	—	—	—	—	—	—	—	—	—	—	—	—	3
	1977	—	—	—	—	—	2	—	—	—	—	—	—	2
Faroe Islands	1978	—	—	—	—	—	31	—	—	—	—	—	—	31
Iceland	1981	—	—	—	—	—	—	—	—	—	—	—	—	3
Eastern Arctic	1977	—	—	—	—	—	—	—	—	—	—	—	—	14
Japan:—														
Coastal districts ..	1972	—	—	—	—	—	—	—	2	—	—	1	—	3
	1974	—	—	2	—	—	—	—	—	—	—	—	—	2
	1975	—	—	1	—	2	—	—	—	—	—	—	—	3
	1976	1	—	—	—	—	—	—	—	—	—	—	—	1
	1977	—	—	—	—	—	—	1	—	—	—	—	—	1
	1980	—	—	2	—	—	—	—	—	—	—	—	—	2
	1981	—	—	—	—	—	—	—	—	—	—	—	—	5
Africa:—														
Natal	1972	—	—	—	2	10	—	—	—	5	—	—	—	17
	1973	—	—	—	—	—	—	6	2	—	—	—	—	8
	1974	—	—	—	—	—	—	2	—	—	—	—	—	2
	1975	—	—	—	2	—	—	2	—	—	—	—	—	4
USSR:—														
Antarctic ²⁾	1972/73	5	—	7	1	—	—	—	—	—	—	—	2	15
	1973/74	—	13	7	7	1	—	—	—	—	—	4	16	48
	1974/75	13	19	—	—	1	—	—	—	—	—	7	—	40
	1975/76	10	2	4	—	—	—	—	—	—	—	—	—	16
	1976/77	26	—	2	—	—	—	—	—	—	—	—	1	29
	1977/78	37	16	—	—	—	—	—	—	—	—	7	17	77
	1978/79	6	30	—	—	—	—	—	—	—	—	—	13	49
	1979/80	284	252	380	—	—	—	—	—	—	—	—	—	916
Republic of Korea ..	1981	—	—	—	—	—	—	—	2	—	—	—	—	2

¹⁾ Incl. 6 without information of month. ²⁾ Incl. catch north of 40° South.

**Table Z⁷. — 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	1972	-	-	-	-	-	-	-	-	-	-	-	-	¹⁾ 277
	1973	-	-	-	-	-	-	-	-	-	-	-	-	¹⁾ 652
	1974	-	-	-	-	-	-	-	-	-	-	-	-	875
	1975	-	-	-	-	-	-	-	-	-	-	-	-	1,093
	1976	-	-	-	-	-	-	-	-	-	-	-	-	1,085
	1977	-	-	-	-	-	-	-	-	-	-	-	-	1,307
	1978	-	-	-	-	-	-	-	-	-	-	-	-	702
	1979	-	-	-	-	-	-	-	-	-	-	-	-	768
	1980	-	-	-	-	-	-	-	-	-	-	-	-	¹⁾ 342
	1981	-	-	-	-	-	-	-	-	-	-	-	-	¹⁾ 692/ 712
Of which:														
Western Arctic ...	1972	-	-	-	-	-	-	-	-	-	-	-	-	120
	1973	-	-	-	-	-	-	-	-	-	-	-	-	347
	1974	-	-	-	-	-	-	-	-	-	-	-	-	165
	1975	-	-	-	-	-	-	-	-	-	-	-	-	184
	1976	-	-	-	-	-	-	-	-	-	-	-	-	154
	1977	-	-	-	-	-	-	-	-	-	-	-	-	148
	1978	-	-	-	-	-	-	-	-	-	-	-	-	127
	1979	-	-	-	-	-	-	-	-	-	-	-	-	144
	1980	-	-	-	-	-	-	-	-	-	-	-	-	85
	1981	-	-	-	-	-	-	-	-	-	-	-	-	218
Eastern Arctic ...	1972	-	-	-	-	-	-	-	-	-	-	-	-	61
	1973	-	-	-	-	-	-	-	-	-	-	-	-	208
	1974	-	-	-	-	-	-	-	-	-	-	-	-	239
	1975	-	-	-	-	-	-	-	-	-	-	-	-	140
	1976	-	-	-	-	-	-	-	-	-	-	-	-	239
	1977	-	-	-	-	-	-	-	-	-	-	-	-	286
	1978	-	-	-	-	-	-	-	-	-	-	-	-	160
	1979	-	-	-	-	-	-	-	-	-	-	-	-	200
	1980	-	-	-	-	-	-	-	-	-	-	-	-	133
	1981	-	-	-	-	-	-	-	-	-	-	-	-	232/ 252
Central Arctic	1981	-	-	-	-	-	-	-	-	-	-	-	-	28
Western Hudson Bay	1972	-	-	-	-	-	-	-	-	-	-	-	-	96
	1973	-	-	-	-	-	-	-	-	-	-	-	-	97
	1974	-	-	-	-	-	-	-	-	-	-	-	-	-
	1975	-	-	-	-	-	-	-	-	-	-	-	-	101
	1976	-	-	-	-	-	-	-	-	-	-	-	-	146
	1977	-	-	-	-	-	-	-	-	-	-	-	-	191
	1978	-	-	-	-	-	-	-	-	-	-	-	-	118
	1979	-	-	-	-	-	-	-	-	-	-	-	-	105
	1980	-	-	-	-	-	-	-	-	-	-	-	-	124
	1981	-	-	-	-	-	-	-	-	-	-	-	-	214

Cont. next p.

Table Z⁷ cont.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Eastern Hudson Bay, James Bay, Northern Quebec	1972	-	-	-	-	-	-	-	-	-	-	-	-	3)
	1973	-	-	-	-	-	-	-	-	-	-	-	-	3)
	1974	-	-	-	-	-	-	-	-	-	-	-	-	471
	1975	-	-	-	-	-	-	-	-	-	-	-	-	668
	1976	-	-	-	-	-	-	-	-	-	-	-	-	546
	1977	-	-	-	-	-	-	-	-	-	-	-	-	4) 682
	1978	-	-	-	-	-	-	-	-	-	-	-	-	4) 297
	1979	-	-	-	-	-	-	-	-	-	-	-	-	319
	1980	-	-	-	-	-	-	-	-	-	-	-	-	3)
1981	-	-	-	-	-	-	-	-	-	-	-	-	3)	
Denmark:— Greenland	1972	-	-	-	-	-	-	-	-	-	-	-	-	832
	1973	89	143	156	144	136	9	-	2	1	159	214	16	1,069
	1974	-	-	-	-	-	-	-	-	-	-	-	-	925
	1975	-	-	-	-	-	-	-	-	-	-	-	-	609
	1976	-	-	-	-	-	-	-	-	-	-	-	-	1,126
	1977	-	-	-	-	-	-	-	-	-	-	-	-	805
	1978	114	50	30	83	31	1	2	-	73	78	28	30	519
	1979	75	12	24	67	72	9	36	-	57	131	36	7	526
	1980	-	-	-	-	-	-	-	-	-	-	-	-	264
	1981	-	-	-	-	-	-	-	-	-	-	-	-	650
USA:— Alaska	1972	-	-	-	-	-	-	-	-	-	-	-	-	6) 185
	1974	-	-	-	-	6	-	-	-	-	-	-	-	6
	1975	-	-	-	-	13	-	-	-	-	-	-	-	13
	1976	-	-	-	-	13	-	-	-	-	-	-	-	13
	1977	-	-	-	-	61	-	-	-	-	-	-	-	61
	1978	-	-	-	-	-	-	-	-	2	-	-	-	2
	1979	-	-	-	-	-	-	-	-	-	-	-	-	138
	1980	-	-	-	-	-	-	-	-	-	-	-	-	10
	1981	-	-	-	-	-	-	-	-	-	-	-	-	125/ 196
USSR	1980	-	-	-	-	-	-	-	-	-	-	-	-	236
	1981	-	-	-	-	-	-	-	-	-	-	-	-	100/ 150

1) Excl. catch from Northern Quebec. 2) No reports. 4) Preliminary. 6) Estimated annual catch. See introduction No. LXXI, page 27.

**Table Z⁸. — 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.	
Japan:— Coastal districts ..	1972	-	-	-	-	-	12	11	17	16	9	15	6	86
	1973	-	-	-	-	-	-	6	7	4	2	11	2	32
	1974	-	-	-	-	-	-	8	12	12	-	-	-	32
	1975	-	-	-	-	1	1	19	18	2	6	-	-	46
	1976	-	-	-	-	-	-	7	4	-	2	-	-	13
	1977	-	-	-	-	-	-	15	7	8	14	-	-	44
	1978	-	-	-	-	-	-	10	16	3	7	-	-	36
	1979	-	-	-	-	-	-	18	6	-	4	-	-	28
	1980	-	-	-	-	-	-	16	7	6	2	-	-	31
	1981	-	-	-	-	-	-	15	18	2	4	-	-	39

**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	1972	1) ¹⁾												
	1973	—	—	—	—	—	—	—	—	—	—	—	—	341
	1974	—	—	—	—	—	—	—	—	—	—	—	—	291
	1975	—	—	—	—	—	—	—	—	—	—	—	—	251
	1976	—	—	—	—	—	—	—	—	—	—	—	—	300
	1977	—	—	—	—	—	—	—	—	—	—	—	—	263
	1978	—	—	—	—	—	—	—	—	—	—	—	—	279
	1979	—	—	—	—	—	—	—	—	—	—	—	—	319
	1980	—	—	—	—	—	—	—	—	—	—	—	—	339
	1981	—	—	—	—	—	—	—	—	—	—	—	—	406
Of which:														
Western Arctic ...	1972	1) ¹⁾												
	1973	—	—	—	—	—	—	—	—	—	—	—	—	—
Eastern Arctic ...	1973	—	—	—	—	—	—	—	—	—	—	—	—	330
	1974	—	—	—	—	—	—	—	—	—	—	—	—	281
	1975	—	—	—	—	—	—	—	—	—	—	—	—	251
	1976	—	—	—	—	—	—	—	—	—	—	—	—	282
	1977	—	—	—	—	—	—	—	—	—	—	—	—	242
	1978	—	—	—	—	—	—	—	—	—	—	—	—	275
	1979	—	—	—	—	—	—	—	—	—	—	—	—	289
	1980	—	—	—	—	—	—	—	—	—	—	—	—	314
	1981	—	—	—	—	—	—	—	—	—	—	—	—	366
Hudson and James Bays ...	1973	—	—	—	—	—	—	—	—	—	—	—	—	11
	1974	—	—	—	—	—	—	—	—	—	—	—	—	10
	1976	—	—	—	—	—	—	—	—	—	—	—	—	18
	1977	—	—	—	—	—	—	—	—	—	—	—	—	21
	1978	—	—	—	—	—	—	—	—	—	—	—	—	4
	1979	—	—	—	—	—	—	—	—	—	—	—	—	30
	1980	—	—	—	—	—	—	—	—	—	—	—	—	25
	1981	—	—	—	—	—	—	—	—	—	—	—	—	40
Denmark:—														
Greenland	1972	—	—	—	—	—	—	—	—	—	—	—	—	117
	1973	38	27	28	22	21	3	2	5	—	19	29	11	205
	1974	—	—	—	—	—	—	—	—	—	—	—	—	186
	1975	—	—	—	—	—	—	—	—	—	—	—	—	129
	1976	—	—	—	—	—	—	—	—	—	—	—	—	139
	1977	—	—	—	—	—	—	—	—	—	—	—	—	274
	1978	78	109	20	32	13	6	3	17	34	20	88	85	505
	1979	37	13	11	23	12	7	4	5	2	—	80	45	239
	1980	—	—	—	—	—	—	—	—	—	—	—	—	185
	1981	—	—	—	—	—	—	—	—	—	—	—	—	550

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	1972	—	—	—	—	—	—	—	—	—	—	—	—	1,258
	1973	—	—	—	—	—	—	—	—	—	—	—	—	857
	1974	—	—	—	—	—	—	—	—	—	—	—	—	742
	1975	—	—	—	—	—	—	—	—	—	—	—	—	936
	1976	—	—	—	—	—	—	—	—	—	—	—	—	911
	1977	—	—	—	—	—	—	—	—	—	—	—	—	1,007
	1978	5	9	3	6	13	32	101	264	215	59	10	15	732
	1979	12	8	4	2	21	58	118	221	243	171	13	2 ¹⁾	883
	1980	—	—	—	—	—	—	—	—	—	—	—	—	741
	1981	—	—	—	—	—	—	—	—	—	—	—	—	850
USA ²⁾	1972	—	—	—	—	—	—	—	—	—	—	—	—	7,600
	1973	—	—	—	—	—	—	—	—	—	—	—	—	17,600
	1974	—	—	—	—	—	—	—	—	—	—	—	—	3,200
	1975	—	—	—	—	—	—	—	—	—	—	—	—	5,200
	1976	—	—	—	—	—	—	—	—	—	—	—	—	5,400
	1977	—	—	—	—	—	—	—	—	—	—	—	—	3,310

¹⁾ Incl. 10 without information of month. ²⁾ See introduction to publication No. LXXXV.

**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 ..	1974	—	—	—	—	—	—	—	2	2	—	—	—	4
	1976	—	—	—	—	—	—	—	—	44	—	—	—	44
Greenland	1973	—	—	—	—	—	—	—	—	1	1	—	—	2
	1974	—	—	—	—	—	—	—	1	6	2	—	—	1)13
	1976	1	—	—	—	—	—	—	3	1	—	—	—	5
	1977	—	—	—	—	—	—	—	40	23	10	2	—	2)84
	1978	—	—	—	—	—	—	—	2	1	—	1	—	4
	1979	—	—	—	—	—	—	3	5	2	—	—	—	5)17
	1980	—	—	—	—	—	—	—	—	—	—	—	—	6
	1981	—	—	—	—	—	—	—	—	—	—	—	—	3
Japan:—														
Coastal districts	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
	1980	—	—	—	—	—	—	—	—	—	—	—	—	3) 38,646
	1981	—	—	—	—	—	—	—	—	—	—	—	—	17,676
Africa	1973	—	—	1	—	—	—	1	—	—	—	—	—	2
	1980	—	—	—	—	—	—	—	—	—	—	—	—	3) 174
	1981	—	—	—	—	—	—	—	—	—	—	—	—	78
USA and Other nations ³⁾ .	1972	—	—	—	—	—	—	—	—	—	—	—	—	423,678
USA	1973	—	—	—	—	—	—	—	—	—	—	—	—	4) 196,556
	1974	—	—	—	—	—	—	—	—	—	—	—	—	4) 139,882
	1975	—	—	—	—	—	—	—	—	—	—	—	—	166,645
	1976	—	—	—	—	—	—	—	—	—	—	—	—	108,740
	1977	—	—	—	—	—	—	—	—	—	—	—	—	25,452
	1978	—	—	—	—	—	—	—	—	—	—	—	—	19,366
	1979	—	—	—	—	—	—	—	—	—	—	—	—	16,378
	1980	—	—	—	—	—	—	—	—	—	—	—	—	16,955
	1981	—	—	—	—	—	—	—	—	—	—	—	—	18,520
Other nations ³⁾ ...	1973	—	—	—	—	—	—	—	—	—	—	—	—	4) 55,626
	1974	—	—	—	—	—	—	—	—	—	—	—	—	4) 25,881
	1975	—	—	—	—	—	—	—	—	—	—	—	—	27,812
	1976	—	—	—	—	—	—	—	—	—	—	—	—	19,482
	1977	—	—	—	—	—	—	—	—	—	—	—	—	25,901
	1978	—	—	—	—	—	—	—	—	—	—	—	—	11,147
	1979	—	—	—	—	—	—	—	—	—	—	—	—	6,530
	1980	—	—	—	—	—	—	—	—	—	—	—	—	26,307
	1981	—	—	—	—	—	—	—	—	—	—	—	—	16,516
Republic of Korea	1972	—	—	—	—	—	—	—	—	—	—	—	—	1
Netherlands	1981	—	—	—	—	—	—	—	—	—	—	—	—	15
Canada	1980	—	—	—	—	—	—	—	—	—	—	—	—	3) 23,402
	1981	—	—	—	—	—	—	—	—	—	—	—	—	40
France.....	1980	—	—	—	—	—	—	—	—	—	—	—	—	3) 16
	1981	—	—	—	—	—	—	—	—	—	—	—	—	2,035
New Zealand	1980	—	—	—	—	—	—	—	—	—	—	—	—	3) 156
	1981	—	—	—	—	—	—	—	—	—	—	—	—	6
Seychilles	1980	—	—	—	—	—	—	—	—	—	—	—	—	3) 100
	1981	—	—	—	—	—	—	—	—	—	—	—	—	10
Spain	1980	—	—	—	—	—	—	—	—	—	—	—	—	3) 5
	1981	—	—	—	—	—	—	—	—	—	—	—	—	3,014
Turkey	1981	—	—	—	—	—	—	—	—	—	—	—	—	24,611

¹⁾ Incl. 4 without information of month. ²⁾ Incl. 9 without information of month. ³⁾ See introduction to publication No. LXXXV. . ⁴⁾ Direct kill only. ⁵⁾ Incl. 7 without information of month.

TABLES

Table 1 — Whaling in the Antarctic season 1980/81 and outside the Antarctic in 1981.

Geographical areas	Species of whales caught					Total of whales	Oil production Barrels	Expeditions		
	Fin	Sei	Bryde's	Sperm	Others			Shore stations	Floating fact.	Catchers
Antarctic, pelagic 1980/81	—	—	—	—	¹⁾	—	²⁾ 28,465	—	2	³⁾ 12
Brazil	—	—	—	—	⁴⁾	—	²⁾ 3,047	1	—	1
North Atlantic and Arctic:										
Spain	146	—	—	—	—	146	4,949	2	—	2
Azores	—	—	—	138	—	138	3,292	—	—	—
Madeira	—	—	—	78	—	78	1,424	—	—	—
Faroe Islands	3	—	—	—	—	3	—	—	—	—
Greenland	6	—	—	—	⁵⁾ 11	17	—	—	—	—
The West Indies	—	—	—	—	—	⁶⁾	—	—	—	—
Iceland	254	100	—	43	—	397	11,945	1	—	4
North Pacific:										
Japan coastal	—	—	485	869	⁷⁾	1,354	⁸⁾ 23,153	5	—	9
Republic of Korea	—	—	1	—	⁹⁾	1	—	—	—	—
USA coastal	—	—	—	—	¹⁰⁾ 28	28	—	—	—	—
USSR coastal	—	—	—	—	¹¹⁾ 135	135	—	—	—	—
Peru	—	—	250	264	—	514	⁶⁾	⁶⁾	—	⁶⁾
Chile	—	—	—	64	—	64	⁶⁾	1	—	1
Total	409	100	736	1,456	174	2,875	76,275	10	2	29

¹⁾ 6,240 minke whales. ²⁾ Oil from minke whales. ³⁾ Of which 3 research vessels. ⁴⁾ 749 minke whales. ⁵⁾ Humpback whales. ⁶⁾ No information. ⁷⁾ Small whales, see tables Z²—Z¹¹. ⁸⁾ In addition 524 barrels from coastal catch of small cetaceans. ⁹⁾ 760 minke whales and 2 killer whales. ¹⁰⁾ Aboriginal catch — Bowhead whales of which 17 landed, 2 killed but lost and 9 struck but lost. ¹¹⁾ Aboriginal catch — gray whales.

Table 2. — Japanese whaling in the Antarctic season 1980/81 and outside the Antarctic in 1981.

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	—	—	—	—	¹⁾	—	²⁾ 14,459	—	1	³⁾ 7
Japan coastal	—	—	485	869	⁴⁾	1,354	23,153	5	—	9
Total	—	—	485	869		1,354	37,612	5	1	16

¹⁾ 3,120 minke whales. ²⁾ Oil from minke whales. ³⁾ Of which 3 research vessels. ⁴⁾ Small whales — see tables Z²—Z¹¹.

Table 3. — Whaling of USSR in the Antarctic season 1980/81 and outside the Antarctic in 1981.

Antarctic, pelagic	—	—	—	—	¹⁾	—	²⁾ 14,006	—	1	5
USSR coastal	—	—	—	—	³⁾ 135	135		—	—	—
Total	—	—	—	—	135	135	14,006	—	1	5

¹⁾ 3,120 minke whales. ²⁾ Oil from small whales. ³⁾ Aboriginal catch — gray whales.

Table 4. Whaling results for the various countries in the Antarctic season 1980/81 and outside the Antarctic in 1981. (See foot-notes to tables 1, 2 and 3).

Japan	—	—	485	869	—	1,354	37,612	5	1	16
USSR	—	—	—	—	135	135	14,006	—	1	5
Iceland	254	100	—	43	—	397	11,945	1	—	4
Spain	146	—	—	—	—	146	4,949	2	—	2
Republic of Korea	—	—	1	—	—	1	—	—	—	—
Brazil	—	—	—	—	—	—	3,047	1	—	1
Peru	—	—	250	264	—	514	—	—	—	—
Chile	—	—	—	64	—	64	—	1	—	1
Greenland	6	—	—	—	11	17	—	—	—	—
Faroe Islands	3	—	—	—	—	3	—	—	—	—
West Indies	—	—	—	—	—	—	—	—	—	—
USA	—	—	—	—	28	28	—	—	—	—
Portugal	—	—	—	216	—	216	4,716	—	—	—
Total	409	100	736	1,456	174	2,875	76,275	10	2	29

Table 5. — Average size of whales caught in 1981.

Geographical areas Number of whales measured	Average size in Engl. feet		
	Males	Females	Total animals
<u>A. Fin whales.</u>			
<i>North Atlantic and Arctic:</i>			
Iceland	58.0	60.0	59.1
Males 120 } Total 253			
Females 133 }			
Spain	58.1	59.9	59.0
Males 78 } Total 146			
Females 68 }			
<u>B. Sei whales.</u>			
<i>North Atlantic and Arctic:</i>			
Iceland	42.3	44.5	43.7
Males 38 } Total 99			
Females 61 }			
<u>C. Bryde's whales.</u>			
<i>Pacific North:</i>			
Japan, coastal	40.4	41.4	40.9
Males 249 } Total 484			
Females 235 }			
<u>D. Minke whales.</u>			
Brazil	26.8	28.2	27.8
Males 243 } Total 748			
Females 505 }			
<i>North Atlantic and Arctic:</i>			
Iceland	23.9	23.7	23.8
Males 111 } Total 185 ¹⁾			
Females 74 }			
<i>Pacific North:</i>			
Japan coastal	21.6	20.9	21.3
Males 230 } Total 374			
Females 144 }			
<u>E. Sperm whales.</u>			
<i>North Atlantic and Arctic:</i>			
Iceland	48.6	-	48.6
Males 43			
<i>Pacific North:</i>			
Japan, coastal	38.0	35.2	37.7
Males 767 } Total 869			
Females 102 }			

1) Exclusive 16 with no information on length.

Table 6.—Whales caught in 1981 by species, sex and size.

1. Brazil.

Minke whales.

Engl. feet	Number of		Total animals	Engl. feet.	Number of		Total animals.
	males	females			males.	females.	
21	—	1	1				
23	10	16	26				
24	20	13	33				
25	21	33	54				
26	55	43	98				
27	45	53	98				
28	58	96	154				
29	21	99	120				
30	8	89	97				
31	5	42	47				
32	—	17	17				
33	—	3	3				
Total	243	505	748				

Average size:	}	Males:	26.8 feet
		Females	28.2 »
		Total animals	27.8 »
Per cent:	}	Males	32.5
		Females	67.5

2. Iceland.

Fin whales.

49	1	—	1	65	—	8	8
50	1	2	3	66	2	8	10
51	2	3	5	67	—	1	1
52	5	2	7	68	—	3	3
53	7	6	13	69	—	2	2
54	4	6	10	70	—	1	1
55	9	7	16				
56	12	8	20	Total	120	133	1) 253
57	6	2	8				
58	12	9	21				
59	21	16	37				
60	13	7	20	Average size:	}	Males:	58.0 feet
61	7	10	17			Females:	60.0 »
62	6	12	18			Total animals:	59.1 »
63	8	13	21	Per cent:	}	Males:	47.4
64	4	7	11			Females:	52.6

1) Excl. 1 lost.

Table 6 (continued).

Sei whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
33	1	-	1				
36	1	2	3				
37	2	1	3				
38	1	1	2				
39	1	2	3				
40	2	1	3				
41	5	2	7				
42	5	4	9				
43	5	4	9				
44	6	7	13				
45	3	10	13				
46	4	10	14				
47	2	10	12				
48	-	3	3				
49	-	2	2				
50	-	2	2				
Total	38	61	1) 99				

Average size: } Males: 42.3 feet
} Females: 44.5 »
} Total animals: 43.7 »

Per cent: } Males: 38.4
} Females: 61.6

1) Excl. 1 lost.

Sperm whales.

41	1	-	1	51	2	-	2
42	1	-	1	52	5	-	5
43	1	-	1	53	5	-	5
44	1	-	1	55	2	-	2
45	5	-	5				
46	4	-	4	Total	43	-	43
47	5	-	5				
48	4	-	4				
49	4	-	4				
50	3	-	3				

Average size: Males 48.6 feet

3. Spain.

Fin whales.

Engl. feet.	Number of		Total animals.	Engl. feet	Number of		Total animals
	males.	females.			males	females	
45	-	1	1	65	3	3	6
52	1	-	1	66	-	6	6
53	1	2	3	67	-	2	2
54	4	1	5	72	-	1	1
55	14	4	18				
56	11	7	18	Total	78	68	146
57	5	11	16				
58	9	6	15				
59	6	2	8				
60	8	6	14				
61	9	1	10				
62	2	5	7				
63	1	5	6				
64	4	5	9				

Average size: } Males: 58.1 feet
} Females: 59.9 »
} Total animals: 59.0 »

Per cent: } Males: 53.4
} Females: 46.6

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	
33	—	1	1	47	1	6	7
35	4	4	8	49	—	2	2
36	10	9	19	Total	249	235	484
37	19	13	32				
38	19	12	31	Average size: } Males: 40.4 feet } Females: 41.4 " } Total animals: 40.9 " Per cent: } Males: 51.5 } Females: 48.5			
39	31	23	54				
40	38	27	65				
41	43	20	63				
42	37	34	71				
43	25	36	61				
44	17	25	42				
45	5	17	22				
46	—	6	6				

Minke whales.

14	1	1	2	27	5	4	9
15	1	—	1	28	—	2	2
16	13	3	16	Total	230	144	374
17	8	7	15				
18	22	28	50	Average size: } Males 21.6 feet } Females 20.9 " } Total animals 21.3 " Per cent: } Males 61.5 } Females 38.5			
19	19	23	42				
20	24	15	39				
21	14	13	27				
22	21	9	30				
23	26	10	36				
24	38	10	48				
25	26	12	38				
26	12	7	19				

Sperm whales.

31	1	1	2	44	5	—	5
32	3	9	12	45	3	—	3
33	13	13	26	Total	767	102	869
34	33	16	49				
35	59	18	77	Average size: } Males: 38.0 feet } Females: 35.2 " } Total animals: 37.7 " Per cent: } Males: 88.3 } Females: 11.7			
36	117	23	140				
37	97	5	102				
38	127	10	137				
39	124	5	129				
40	81	2	83				
41	45	—	45				
42	34	—	34				
43	25	—	25				

INTERNATIONAL
WHALING STATISTICS

XC

CONTENTS

	Page
Preface	55
Introduction	57
Table 1. Whaling results for the various countries in the Antarctic in the season 1981/82	61
Table 2. Average size of minke whales caught in the Antarctic in the season 1981/82	61
Table 3. Minke whales caught in the Antarctic in the season 1981/82, by sex and size	62
Table 4. Size of pregnant female minke whales caught in the Antarctic in the season 1981/82	62
Table 5. Minke whale fetuses in the Antarctic in the season 1981/82, by groups of size, in each month	63
Table 6. Minke whale fetuses in the Antarctic in the season 1981/82, by sex, in each month	63

PREFACE

This publication, International Whaling Statistics No. XC, embraces the results of the Antarctic whaling during the season 1981/82.

The statistical data are based on catch reports sent to the Bureau of International Whaling Statistics, Sandefjord.

Sandefjord, December 1982.

E. Vangstein.

INTRODUCTION

At the 33rd Annual Meeting of the International Whaling Commission in 1981 the catch limits for the Southern Hemisphere for the 1981/82 pelagic season and the 1982 coastal season were set at 866 Bryde's whales and 8,102 minke whales.

It is forbidden to use a factory ship or whale catchers attached to factory ships for taking, killing or treating of whales, excluding minke whales. Bryde's whales can therefore only be caught by shore station operation.

The catch limits for minke whales were sub-divided on an Area basis, and split into the following national limits by agreement between Japan, USSR and Brazil:

	Catch limit			
	Total	Japan	USSR	Brazil
Area I	930	-	930	948
Area II	1,249	-	301	-
Area III	2,198	285	1,913	-
Area IV	1,625	1,625	-	-
Area V	1,187	1,187	-	-
Area VI	1,317	658	659	-
Not to exceed	8,102	3,577	3,577	948

One Japanese floating factory with 4 catchers and 3 research vessels and one USSR floating factory with 5 catchers took part in whaling operations. The Japanese expedition started the whaling operation on 17 November 1981 and ceased on 27 March 1982. The USSR expedition started on 20 November 1981 and ceased on 17 April 1982.

The catch amounted to:

	Japan	USSR	Total
Area I	-	928	928
Area II	-	299	299
Area III	259	1,913	2,172
Area IV	1,625	-	1,625
Area V	1,177	-	1,177
Area VI	516	435	951
Total	3,577	1)3,575	1)7,152

¹⁾ Excluding two whales lost.

The catch by month amounted to:

	Japan	USSR	Total
November	95	264	359
December	723	869	1,592
January	1,112	886	1,998
February	1,102	708	1,810
March	545	549	1,094
April	—	299	299
Total	3,577	1) 3,575	1) 7,152

The average size of whales caught in the different areas was the following:

	Males	Females	Total
Area I	27.1	28.4	27.8
Area II	27.6	28.9	28.4
Area III	27.7	29.3	28.8
Area IV	27.3	28.7	28.2
Area V	27.4	28.7	28.3
Area VI	27.0	26.9	26.9
Total	27.3	28.8	28.2

Table a shows the catch and production, table b average size, table c whaling results for the various countries and table d the production of by-products. The tables also include data for each of the seasons 1972/73—1980/81.

¹⁾ Excluding two whales lost.

Table a. - Pelagic whaling in the Antarctic.

Years	Species of whales caught								Oil production Barrels	Expeditions	
	Blue	Fin	Hump- back	Sei/ Bryde's	Minke	Sperm	Others	Total		Floating factories	Catch- ers
1972/73	7	1,761	5	3,864	5,745	4,203		15,585	345,539	7	82
1973/74	—	1,288	—	4,392	7,713	4,927		18,320	334,065	8	78
1974/75	—	979	—	3,859	7,000	4,162		16,000	292,504	7	75
1975/76	—	206	—	1,821	6,034	2,829		10,890	180,076	5	56
1976/77	—	—	—	1,858	7,900	2,002		11,760	137,460	4	43
1977/78	—	—	—	565	4,978	2,160		7,703	130,004	3	34
1978/79	—	—	—	—	5,466	2,304		7,770	136,761	3	30
1979/80	—	—	—	—	7,158	—	1) 916	8,074	32,495	3	17
1980/81	—	—	—	—	6,240	—	—	6,240	28,465	2	12
1981/82	—	—	—	—	7,154	—	—	7,154	27,006	2	12

1) Killer whales.

Table b. - Average size of whales killed in the Antarctic, by species of whales.

	Fin whales			Sei whales			Minke whales			Sperm whales		
	Males Engl. feet	Fe- males Engl. feet	Total Engl. feet	Males Engl. feet	Fe- males Engl. feet	Total Engl. feet	Males Engl. feet	Fe- males Engl. feet	Total Engl. feet	Males Engl. feet	Fe- males Engl. feet	Total Engl. feet
1972/73	64.7	67.7	66.2	46.9	48.2	47.5	26.3	27.1	26.7	45.1	34.8	44.3
1973/74	63.9	66.8	65.5	47.1	48.8	47.9	26.5	27.8	27.3	44.7	34.7	42.2
1974/75	64.5	67.4	66.0	47.3	48.5	47.8	26.9	28.3	27.8	44.9	34.5	42.8
1975/76	64.2	67.6	65.9	47.2	48.5	47.8	27.2	28.3	27.8	46.5	35.0	45.0
1976/77	—	—	—	47.0	48.6	47.7	27.4	28.7	28.2	46.0	34.1	45.2
1977/78	—	—	—	47.7	50.3	49.0	27.4	28.8	28.3	47.0	35.3	46.7
1978/79	—	—	—	—	—	—	27.7	28.8	28.4	48.2	35.0	47.8
1979/80	—	—	—	—	—	—	27.7	29.3	28.6	—	—	—
1980/81	—	—	—	—	—	—	27.4	29.1	28.3	—	—	—
1981/82	—	—	—	—	—	—	27.3	28.8	28.2	—	—	—

Table c. - Antarctic, pelagic whaling results for the various countries.

	All countries			Japan			Norway			USSR		
	Number of whales killed	Oil pro- duction	Catch- ers employed	Number of whales killed	Oil pro- duction	Catch- ers employed	Number of whales killed	Oil pro- duction	Catch- ers employed	Number of whales killed	Oil pro- duction	Catch- ers employed
1972/73	15,585	345,539	82	6,285	119,307	35	—	—	—	9,300	226,232	47
1973/74	18,320	334,065	78	7,087	84,998	31	—	—	—	11,233	249,067	47
1974/75	16,000	292,504	75	6,656	89,547	30	—	—	—	9,344	202,957	45
1975/76	10,890	180,076	56	4,597	43,588	23	—	—	—	6,293	136,488	33
1976/77	11,760	137,460	43	5,316	37,067	18	—	—	—	6,444	100,393	25
1977/78	7,703	130,004	34	2,668	11,864	10	—	—	—	5,035	118,140	24
1978/79	7,770	136,761	30	2,751	7,970	7	—	—	—	5,019	128,761	23
1979/80	8,074	32,495	17	3,279	11,118	7	—	—	—	4,795	21,377	10
1980/81	6,240	28,465	12	3,120	14,459	7	—	—	—	3,120	14,006	5
1981/82	7,154	27,006	12	3,577	12,282	7	—	—	—	3,577	14,924	5

Table d. - Production of by-products in the Antarctic.¹⁾

Seasons Countries	Whale meat-meal, bone-meal, grax meal, guano	Whale liver or liver flakes	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
1972/73	13,423	1,516	1,915,000	87,384	1,624	12,216
1973/74	14,659	1,694	2,092,000	93,338	1,723	3,412
1974/75	14,210	1,700	2,063,000	95,863	1,151	301
1975/76	7,982	1,737	—	66,308	—	155
1976/77	6,565	1,302	—	64,911	—	188
1977/78	5,426	1,396	681 l.t.	46,182	—	39
1978/79	4,740	1,234	—	42,983	—	23
1979/80	2,096	193	85 l.t.	31,008	—	16
1980/81	1,330	221	—	24,266	—	—
1981/82						
Japan	—	—	—	15,524	—	—
USSR	1,443	231	—	13,555	—	—
Total	1,443	231	—	29,079	—	—

¹⁾ Including by-products from whales caught north of 40° S.

TABLES

Antarctic season 1981/82.

Table 1. — Whaling results for the various countries in the Antarctic in the season 1981/82.**Pelagic whaling.**

Countries	Minke whales	Oil production. Barrels of 170 kg	Expeditions	
			Floating factories	Catchers
Japan	3,577	12,282	1	¹⁾ 7
USSR	3,577	14,924	1	²⁾ 5
Total	7,154	27,206	2	12

¹⁾ Of which 3 research vessels. ²⁾ Including one boat used as a research vessel for the early part of the season, and as a catcher boat from 17 February.

Table 2. — Average size of minke whales caught in the Antarctic in the season 1981/82.**Pelagic whaling.**

Number of whales measured.	Expedition.	Average size.		
		Males.	Females.	Total.
Males 2,981 } Females 4,171 } Total 7,152	No. 1 2	27.2 27.5	28.6 29.1	27.9 28.4
Average		27.3	28.8	28.2

Table 3. — Minke whales caught in the Antarctic in the season 1981/82, by sex and size.

Pelagic whaling.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
17	—	1	1	32	2	73	75
18	2	2	4	33	—	12	12
19	2	3	5	34	—	3	3
20	4	—	4	35	—	1	1
21	4	11	15				
22	10	7	17	Total	2,981	4,171	7,152
23	25	34	59				
24	56	41	97				
25	119	56	175				
26	427	137	564	Average size: {	Males 27.3 feet		
27	838	361	1,199		Females 28.8 "		
28	870	753	1,623		Total 28.2 "		
29	483	1,066	1,549	Per cent: {	Males 41.7		
30	117	1,091	1,208		Females 58.3		
31	22	519	541				

Table 4. — Size of pregnant female minke whales caught in the Antarctic in the season 1981/82.

Pelagic whaling.

Length	Number of pregnant females	Length	Number of pregnant females	
25	4	32	64	Number of fetuses 3,298 of which twin pairs 9
26	45	33	12	
27	237	34	2	
28	618	35	1	
29	894			
30	955	Total	1) 3,289	
31	457			

1) Exclusive of 291 females with no information of pregnancy.

Table 5. — Minke whale fetuses in the Antarctic in the season 1981/82, by groups of size, in each month.

Pelagic whaling.

Groups of size. Engl. feet	November	December	January	February	March	April	Total
Not measured ..	12	47	54	26	1	9	¹⁾ 149
0'—0' 11"	48	370	375	96	11	2	902
1'—1' 11"	7	250	463	230	30	15	995
2'—2' 11"	3	75	246	253	33	25	635
3'—3' 11"	—	19	76	159	24	22	300
4'—4' 11"	—	2	26	90	25	19	162
5'—5' 11"	—	—	3	54	18	19	94
6'—6' 11"	—	—	—	12	6	16	34
7'—7' 11"	—	1	—	5	4	12	22
8'—8' 11"	—	—	—	—	—	2	2
9'—9' 11"	—	2	1	—	—	—	3
Total	70	766	1,244	925	152	141	3,298
Average size ...	0' 6"	1' 1"	1' 6"	2' 7"	3' 2"	3' 11"	1' 11"

¹⁾ No measurement recorded, but probably very small.

Table 6. — Minke whale fetuses in the Antarctic in the season 1981/82, by sex, in each month.

Pelagic whaling.

	Number of		Sex not determined	Total	Number of males per 100 females
	males	females			
November	22	21	27	70	104.8
December	328	328	110	766	100.0
January	577	568	99	1,244	101.6
February	434	449	42	925	96.7
March	78	71	3	152	109.9
April	73	59	9	141	123.7
Total	1,512	1,496	290	3,298	101.1

