

INTERNATIONAL  
WHALING STATISTICS

XCIII  
and  
XCIV

EDITED BY  
THE COMMITTEE FOR WHALING STATISTICS

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INTERNATIONAL  
WHALING STATISTICS

XCIII

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## PREFACE

*to publication No. XCIII and XCIV.*

Publication No. XCIII embraces the world aggregate whaling results for 1983, i.e. the catch made by Antarctic pelagic expeditions in the Southern Hemisphere in the 1982/83 season and coastal based cetacean catches during the calendar year 1983.

Publication No. XCIV (from page 51) embraces the results of the Antarctic whaling during the season 1983/84.

The Bureau of International Whaling Statistics, Sandefjord, has published the International Whaling Statistics since 1930, covering a total of 94 publications. The Secretary of the Bureau has always been the Secretary of the Norwegian Whaler's Association, which later incorporated some foreign whaling companies and was re-named the International Association of Whaling Companies. The members of this association have, with the exception of the Icelandic company (Hvalur H.F.), ceased whaling.

The International Association of Whaling Companies was disbanded in 1970, and it was suggested to transfer the publishing of the whaling statistics to the Secretariat of The International Whaling Commission. However, as the Commission's Secretariat lacked the necessary capacity to undertake this work, it was agreed that the Bureau in Sandefjord should continue the publishing for the present.

All expenses in connection with the publishing of the statistics are debited to the Whaling Industry's Control Impost Fund. This fund was created by taxing each barrel of oil produced by the Norwegian whaling companies. Through the years it is in fact the former Norwegian whaling companies that indirectly have financed the publishing of the whaling statistics.

The Norwegian Commissioner to the International Whaling Commission has informed this organisation that the publishing of the statistics should now be transferred to The International Whaling Commission's Secretariat. These are therefore the last two publications issued by the Bureau of International Whaling Statistics, Sandefjord. Reports on catches in the Antarctic in the 1984/85 season, and in areas other than the Ant-

arctic in 1984, should accordingly in future be sent to the International Whaling Commission, The Red House, Station Road, Histon, Cambridge CB4 4NP. Any reports sent to Sandefjord will be forwarded to the Commission.

The preface to publication No. I which was published in 1930 included the following statement:

” The Whaling Committee of The International Council for the Study of the Sea passed the following recommendation at the meeting held in London on April 10, 1929:—

The Committee is unanimous in asking the Council to request the Norwegian Government to organize a central institution to collect statistics from the whaling industry throughout the world, on the understanding that a report be laid before this Committee yearly.

In this recommendation it was further suggested as being desirable:—

1.—That the statistics be collected from every country, also from such as are not members of The International Council for the Study of the Sea.

2.—That statistics for previous years be collected—at least for every post-war year—from all countries.

3.—That a list be submitted each year of all whaling companies in operation, with particulars of the number of catchers employed.

4.—That the statistics be given yearly, if possible.

The Council thereupon transmitted this recommendation to the Norwegian Government, who have acted upon it by appointing on August 16, 1929 a committee comprising Messrs. Gunnar Jahn, Director of the Norwegian Statistical Central Bureau (Chairman), Professor Johan Hjort, and Sigurd Risting, Secretary of the Norwegian Whalers' Association, to plan and publish the statistics solicited by The International Council for the Study of the Sea.

The Committee first inquired into the possibility of building international statistics upon the official returns of the various countries. It was soon found, however, that such returns would not serve the purpose and that the best results would be obtained by employing the whaling statistics collected for several years by the Norwegian Whalers' Association.

This Association, through its secretary Mr. Sigurd Risting, has endeavoured to collect statistics of the whaling industry throughout the world during a long term of years. Its main object has been to furnish a picture of the progress of whaling operations at the several grounds from year to year, primarily by procuring particulars of the number of whales caught of the different species, the number of expeditions, catchers, and so forth. In addition, an attempt has been made to collect measurements in respect of the whales killed, information relating to the habits of the whale, and so on, with a view to procuring material that might throw light upon biological conditions. This information has been collected by means of forms sent out with each expedition. The forms have been filled in for a number of years by all Norwegian whalers and by a very large percentage of foreign companies, e.g., by the Argentine and British. Generally speaking, the forms contain all the information desired, and they have been used

by whalers for several years. It has therefore been deemed advisable to use them also for the seasons 1929-30 and 1930-31. For some countries the Whalers' Association has not had such returns. This applies to Japan, whose official statistics, it may be mentioned, contain fairly complete returns of the Japanese whaling industry, and also to the United States and Chile. To these two countries the Committee sent such forms through the Norwegian Ministry of Foreign Affairs, but they have not yet been returned, and the Committee has therefore had to build upon information from printed sources. Consequently it has not been possible to give such a detailed specification of the catches for those two countries.

Some of the material collected by the Whalers' Association has been prepared and published earlier, partly in the *Norsk Hvalfangertidende* (Norwegian Whalers' Gazette) and partly in Sigurd Risting's "*Whales and Whale Foetuses*", published by The International Council for the Study of the Sea in 1928.

After considering the various points in the recommendation of The Council for the Study of the Sea the Committee resolved to proceed first of all with the preparation of statistics for the past ten years comprising the number of whales of various species killed, number of expeditions and catchers. On the other hand, the Committee found it would not be able to deal with the measurement returns at present, although it is intended to reconsider the question next year, time permitting. Moreover, the Committee has set itself the task of preparing statistics for a further ten years back, so as to get continuous whaling statistics from the year 1910. The reason why this first publication does not go back beyond 1920 is that the Committee has not been in a position to prepare the material for the period 1910-20. A quantity of matter is available also for that decade, but many particulars are wanting in the material which the Committee is in possession of, and it will require time to secure them. The Committee quite realises that it would have been an advantage to publish the statistics for the whole of the 20-years period in one report, but, on the other hand, the Committee deemed it of such importance to make the returns for the post-war period available as speedily as possible that it could not further postpone publication.

The Committee entrusted its member Mr. Sigurd Risting with the preparation of the statistics."

Up to and including 1934/35 one publication was issued annually, which comprised both the Antarctic catch and catches in other areas. From the Antarctic season 1935/36 onwards two publications were issued annually, one on the Antarctic catch, and one on catches made in other areas of whaling, also including the main figures for the Antarctic catch.

Professor Johan Hjort withdrew from The Committee for Whaling Statistics in January 1939 and Professor Birger Bergersen was appointed a new member. He remained a member until his death in 1977. The Secretary, Mr. Sigurd Risting died in October 1935, and Mr. Harald B. Paulsen was appointed as the new Secretary, and he also became Secretary of The International Whaling Association. Mr. Paulsen died in 1952, and his successor was Mr. Einar Vangstein.



Director Mr. Gunnar Jahn was chairman of the committee from 1929 until his death in 1971.

No new committee members were appointed to replace Professor Bergersen and Director Jahn. The reason for this was that the publishing of the statistics was expected to be transferred to the International Whaling Commission.

According to the International Whaling Convention, statistical reports on catch and production are sent to the Bureau in Sandefjord. According to the Schedule to the Convention, the Bureau shall fix the date the adopted maximum catch is expected to be reached. The closing date was established by the Bureau of International Whaling Statistics for the seasons 1947/48 through 1958/59. The total maximum catch quota for these seasons was 186,000 blue-whale units, while the actual catch was 186,275 blue-whale units.

From 1959/60 the catch quota adopted by the International Whaling Commission was divided between the different countries by voluntary agreements between them, these countries also being responsible for not exceeding the maximum catch quota.

In addition to the publishing of whaling statistics, the Bureau for International Whaling Statistics has prepared special statistics for the annual meetings of the International Whaling Commission.

Sandefjord, December 1984.

*E. Vangstein.*

## INTRODUCTION

Statistics on whales caught by Antarctic pelagic expeditions in the season 1982/83 are published in International Whaling Statistics No. XCII.

At the 34th Annual Meeting in 1982 catch limits were set for 1982/83 Antarctic pelagic season and the 1983 coastal season. No catch limits have been introduced for small cetaceans, excluding minke whales.

The catch limits for the Southern Hemisphere 1982/83 pelagic season and 1983 coastal season were set at:

Minke whales .....	7,072
Bryde's whales	
Peruvian Stock .....	165

The quota for the Peruvian Stock may be taken in a six months period starting in November 1982.

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

Japan .....	3,224
USSR .....	3,223
Brazil .....	625

The catch amounted to:

	Bryde's whales	Minke whales
Antarctic 1982/83 .....		6,447
Brazil .....		625
Peru .....	149	
	149	7,072

The catch limits for the North Atlantic were the following:

Fin whales:	East Greenland — Iceland Stock .....	167
	Spain — Portugal — British Isles Stock <sup>1)</sup> ....	120
		287

<sup>1)</sup> The total catch shall not exceed 270 in the three years 1983—1985.

Minke whales <sup>1)</sup> :	West Greenland Stock .....	444 <sup>2)</sup>
	Central Stock .....	300
		<hr/> 744 <hr/>
Sei whales:	Iceland — Denmark Strait Stock .....	100 <sup>3)</sup>

In addition 10 humpback whales not below 35 feet (10.7 meters) in length, per year are permitted in Greenland waters provided that whale catchers of less than 50 gross register tonnage are used for that purpose.

The catch amounted to:

	Fin whales	Humpback whales	Sei whales	Minke whales
Faroe Island .....	5	—	—	—
Greenland .....	7	15	—	218/259
Iceland .....	144	—	100	204
Norway .....	—	—	—	1 869
Spain .....	120	—	—	—
	<hr/> 276	15	100	2291/2332 <hr/>

The catch limits for the North Pacific were the following:

Minke whales:	Okhotsk Sea — West Pacific Stock .....	421 <sup>4)</sup>
	Sea of Japan — Yellow Sea — East China Sea Stock .....	940 <sup>5)</sup>
		<hr/> 1,361 <hr/>
Bryde's whales:	Western Stock .....	536
	East China Sea Stock .....	10
Gray whales:	Eastern Stock .....	179 <sup>6)</sup>
Bowhead whales	.....	17 <sup>7)</sup>
Sperm whales:	Western Division .....	400

<sup>1)</sup> No quota was set for West Norway—Faroe Island Stock. Norway gave, however, the Commission an assurance that in the absence of any quota, Norwegian catches would not exceed 1,690 as recommended by the Scientific Committee. <sup>2)</sup> The total catch shall not exceed 1,778 in the five years 1981 to 1985 inclusive. <sup>3)</sup> The total catch shall not exceed 504 in the six years 1980 to 1985 inclusive. <sup>4)</sup> The total catch shall not exceed 1,878 in the five years 1980 to 1984 inclusive. <sup>5)</sup> The total catch shall not exceed 3,634 in the five years 1980 to 1984 inclusive. <sup>6)</sup> Available to be taken by aborigines or a Contracting Government on behalf of aborigines. <sup>7)</sup> 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.

The catch amounted to:

	Bryde's whales	Gray whales	Bowhead whales	Minke whales	Sperm whales
Japan .....	536	—	—	290	393
USA .....	—	2	18	—	—
Korea .....	—	—	—	485	—
USSR .....	—	169	—	—	—
	536	171	18	775	393

Tables j and k show the catches and production from Azores and Madeira. The figures given in previous publications were partly unofficial. Said tables have now been revised on basis of official statistics from *Estatísticas de Pesca Continente, Azores e Madeira*.

Tables Z<sup>2</sup>—Z<sup>11</sup> show catches of small cetaceans. The figures for Greenland catches of whales and porpoises presented after 1965 were provisional. A revision of the statistics is in progress at the Ministry of Greenland. In publication Nos. LXXIII, LXXXIX and XCI revised statistics for the seasons 1965 to 1979 inclusive were presented. Revised statistics for the seasons 1980 to 1982 inclusive have now been received and are shown in table i for large whales and in tables Z<sup>2</sup>—Z<sup>11</sup> for small cetaceans.

## Annex.

## Supplementary Tables to the Introduction.

Table a.—Whaling matériel in operation.

Years. <sup>1)</sup>	All whaling grounds.			Antarctic.			Others.		
	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.
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
1981—82 ....	9	2	26	—	2	12	9	—	14
1982—83 ....	9	2	23	—	2	12	9	—	11

<sup>1)</sup> 1973/74 = Antarctic season 1973/74 and outside the Antarctic in the calendar year 1974 a.s.o.

Table b.—Whales killed, by species.<sup>1)</sup>

Years.	Blue.	Fin.	Hump-back.	Sei.	Bryde's.	Sperm.	Others.	Total of whales.
1973—74 ...	—	2,142	16	6,239	1,882	21,421	205	31,905
1974—75 ...	—	1,552	17	5,001	1,864	21,338	189	29,961
1975—76 ...	1	741	15	1,870	1,781	17,422	219	22,049
1976—77 ...	2	310	20	2,021	1,412	12,329	215	16,309
1977—78 ...	3	711	35	695	928	11,064	202	13,638
1978—79 ...	—	730	19	163	892	8,655	209	10,668
1979—80 ...	—	472	18	102	522	2,211	217	3,542
1980—81 ...	—	410	12	100	648	1,595	163	2,928
1981—82 ...	—	356	12	71	802	621	188	2,050
1982—83 ...	—	277	15	100	688	414	189	1,683

<sup>1)</sup> Exclusive small whales — See tables Z<sup>3</sup>—Z<sup>11</sup>.

Table c.—Whales killed in the various main areas.<sup>1)</sup>

Years.	All areas.	Antarctic.	Africa.	North Atlantic and Arctic. <sup>2)</sup>	Spain.	Azores and Madeira.	Chile.	Peru.
1973—74 ....	31,905	10,607	1,817	381	497	234	161	1,812
1974—75 ....	29,961	9,000	1,707	433	539	386	106	1,343
1975—76 ....	22,049	4,856	—	409	515	195	87	1,923
1976—77 ....	16,309	3,860	—	416	248	222	55	1,192
1977—78 ....	13,638	2,725	—	430	596	266	198	1,070
1978—79 ....	10,668	2,304	—	478	547	298	99	1,042
1979—80 ....	3,542	—	—	469	234	330	94	665
1980—81 ....	2,928	—	—	419	146	394	64	387
1981—82 ....	2,050	—	—	376	150	95	—	320
1982—83 ....	1,683	—	—	271	120	21	4	149
Japan.	North Pacific Ocean and Bering Sea (pelagic).		Australia.	South Atlantic Ocean.	Indian Ocean.	South Pacific Ocean.	Others.	
	Japan.	USSR						
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	268
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
1981—82 ....	921	—	—	—	—	—	—	188
1982—83 ....	929	—	—	—	—	—	—	189

<sup>1)</sup> Exclusive small whales. See tables Z<sup>2</sup>—Z<sup>11</sup>. <sup>2)</sup> Excluding Spain, Azores and Madeira.

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

Years.	All areas.	Antarctic.	Africa.	North Atlantic and Arctic <sup>1)</sup>	Spain.	Azores and Madeira.	Chile.	Peru.
1973—74 ....	809,783	334,065	41,648	14,639	<sup>2)</sup>	4,681	<sup>2)</sup>	22,856
1974—75 ....	765,887	292,504	36,588	13,147	<sup>2)</sup>	6,794	<sup>2)</sup>	17,283
1975—76 ....	566,466	180,076	—	13,034	<sup>2)</sup>	4,364	<sup>2)</sup>	29,518
1976—77 ....	454,510	137,460	—	9,417	<sup>2)</sup>	4,382	<sup>2)</sup>	17,488
1977—78 ....	406,848	130,004	—	11,365	<sup>2)</sup>	6,976	<sup>2)</sup>	<sup>2)</sup>
1978—79 ....	327,792	136,761	—	12,903	<sup>2)</sup>	7,447	<sup>2)</sup>	<sup>2)</sup>
1979—80 ....	96,510	32,495	—	12,447	8,659	7,435	<sup>2)</sup>	<sup>2)</sup>
1980—81 ....	79,783	28,465	—	11,945	4,949	8,224	<sup>2)</sup>	<sup>2)</sup>
1981—82 ....	60,426	27,206	—	9,384	3,855	2,164	<sup>2)</sup>	<sup>2)</sup>
1982—83 ....	38,525	19,588	—	3,571	1,965	612	<sup>2)</sup>	<sup>2)</sup>
Japan.	North Pacific Ocean and Bering Sea (pelagic).		Australia.	South Atlantic Ocean.	Indian Ocean.	South Pacific Ocean.	Others.	
	Japan.	USSR						
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
1981—82 ....	14,688	—	—	—	—	—	—	3,129
1982—83 ....	10,632	—	—	—	—	—	—	2,157

<sup>1)</sup> Excluding Spain, Azores and Madeira. <sup>2)</sup> No information.

**Table e.—Whaling results for the various countries. All areas.  
Number of whales killed.<sup>1)</sup>**

Years.	All countries.	Australia.	Brazil.	Canada.	Chile.	Iceland.	Japan.	Bahamas.	Somali Rep.
1973—74 ....	31,905	1,080	32	—	161	365	10,095	—	451
1974—75 ....	29,961	1,172	57	1	106	420	9,450	—	276
1975—76 ....	22,049	995	12	—	87	389	6,227	—	23
1976—77 ....	16,309	624	30	—	55	386	5,274	—	—
1977—78 ....	13,638	679	24	—	198	391	3,191	—	—
1978—79 ....	10,668	—	27	—	99	440	1,867	—	—
1979—80 ....	3,542	—	30	—	94	437	1,499	—	—
1980—81 ....	2,928	—	—	—	64	397	1,354	—	—
1981—82 ....	2,050	—	—	—	—	352	921	—	—
1982—83 ....	1,683	—	—	—	4	244	929	—	—
	Denmark	Norway.	Peru.	Portugal.	Spain.	South Africa.	United States of America.	USSR	Others.
1973—74 ....	14	—	1,812	234	497	1,817	21	15,268	58
1974—75 ....	13	—	1,343	386	539	1,707	15	14,455	21
1975—76 ....	18	—	1,923	195	515	—	56	11,560	49
1976—77 ....	30	—	1,192	222	248	—	29	8,189	30
1977—78 ....	38	—	1,070	266	596	—	18	7,119	48
1978—79 ....	33	—	1,042	298	547	—	31	6,261	23
1979—80 ....	28	—	665	330	234	—	36	178	11
1980—81 ....	22	—	387	394	146	—	28	135	1
1981—82 ....	24	—	320	95	150	—	23	165	—
1982—83 ....	27	—	149	21	120	—	20	169	—

<sup>1)</sup> Exclusive small whales. — See tables Z<sup>2</sup>—Z<sup>11</sup>.

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

Years.	All countries.	Australia.	Brazil.	Canada.	Chile.	Iceland.	Japan.	Bahamas.
1973—74 ....	809,783	33,002	4,545	—	<sup>3)</sup>	14,639	251,648	—
1974—75 ....	765,887	34,610	6,148	—	<sup>3)</sup>	13,147	236,669	—
1975—76 ....	566,466	33,773	4,423	—	<sup>3)</sup>	13,034	144,024	—
1976—77 ....	454,510	23,123	5,355	—	<sup>3)</sup>	9,417	125,639	—
1977—78 ....	406,848	23,129	3,477	—	<sup>3)</sup>	11,365	75,972	—
1978—79 ....	327,792	—	3,909	—	<sup>3)</sup>	12,903	45,560	—
1979—80 ....	96,510	—	4,870	—	<sup>3)</sup>	12,447	41,722	—
1980—81 ....	79,783	—	3,047	—	<sup>3)</sup>	11,945	37,612	—
1981—82 ....	60,426	—	3,129	—	<sup>3)</sup>	9,384	26,970	—
1982—83 ....	38,525	—	2,157	—	<sup>3)</sup>	3,571	17,691	—
	Somali Rep.	Norway.	Peru.	Portugal.	Spain.	South Africa.	United States of America.	USSR
1973—74 ....	1,840	—	22,856	4,681	<sup>3)</sup>	41,648	—	434,924
1974—75 ....	708	—	17,283	6,794	<sup>3)</sup>	36,588	—	413,940
1975—76 ....	—	—	29,518	4,364	<sup>3)</sup>	—	—	337,330
1976—77 ....	—	—	17,488	4,382	<sup>3)</sup>	—	—	269,106
1977—78 ....	—	—	<sup>3)</sup>	6,976	<sup>3)</sup>	—	—	285,929
1978—79 ....	—	—	<sup>3)</sup>	7,447	<sup>3)</sup>	—	—	257,973
1979—80 ....	—	—	<sup>3)</sup>	7,435	8,659	—	—	21,377
1980—81 ....	—	—	<sup>3)</sup>	8,224	4,949	—	—	14,006
1981—82 ....	—	—	<sup>3)</sup>	2,164	3,855	—	—	14,924
1982—83 ....	—	—	<sup>3)</sup>	612	1,965	—	—	12,529

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

Table g.—Sperm-oil production.<sup>1)</sup>

Grounds	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83
Antarctic, pelagic .....	78,248	102,421	118,337	-	-	-	-
Africa:							
Natal .....	-	-	-	-	-	-	-
South Atlantic, pelagic .....	41,012	34,741	28,000	-	-	-	-
Brazil .....	337	324	344	388	-	-	-
North Atlantic and Arctic:							
Azores .....	1,500	2,894	3,118	3,141	3,400	2,164	612
Madeira .....	2,882	4,082	4,329	4,294	4,824	-	-
Spain .....	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	288	-	-	-
Iceland .....	4,707	5,997	4,511	4,477	1,906	2,883	-
Pacific North:							
Pelagic, Japan .....	36 294	15,306	1,271	-	-	-	-
Pelagic, USSR .....	94,495	102,476	80,217	-	-	-	-
Japan, coastal .....	42,691	37,789	29,005	28,880	20,347	12,663	8,369
Indian Ocean .....	29,324	23,389	14,748	-	-	-	-
South Pacific Ocean .....	5,133	13,930	9,141	-	-	-	-
Peru .....	14,806	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	-
Chile .....	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	-
Australia .....	23,123	23,129	-	-	-	-	-
	374,552	366,478	293,021	41,468	30,477	17,710	8,981
Of which produced by:							
South Africa .....	-	-	-	-	-	-	-
Japan .....	86,955	62,089	35,417	28,880	20,347	12,663	8,369
USSR .....	240,242	267,963	245,302	-	-	-	-
Portugal .....	4,382	6,976	7,447	7,435	8,224	2,164	612
Australia .....	23,123	23,129	-	-	-	-	-
Spain .....	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	288	-	-	-
Iceland .....	4,707	5,997	4,511	4,477	1,906	2,883	-
Peru .....	14,806	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	-
Brazil .....	337	324	344	388	-	-	-
Chile .....	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	<sup>2)</sup>	-

<sup>1)</sup> In barrels of 170 kg. <sup>2)</sup> No information.



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

Species of whales and whaling grounds	1983	1982	1981	1980	1979	1978	1977
	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.	Engl.ft.
<b><u>Fin whales.</u></b>							
North Atlantic and Arctic:—							
Iceland .....	60,1	59,4	59,1	60,0	60,1	60,2	59,6
Spain .....	61,8	61,2	59,0	57,3	—	—	—
<b><u>Sei whales.</u></b>							
Antarctic:—							
Pelagic whaling .....	—	—	—	—	—	44,7	47,7
Brazil .....	—	—	—	—	—	—	48,0
North Atlantic and Arctic:—							
Iceland .....	43,4	44,1	43,7	43,7	44,2	—	44,2
<b><u>Bryde's whales.</u></b>							
Pacific North:—							
Pelagic, Japan .....	—	—	—	—	42,3	41,8	41,6
Pelagic, USSR .....	—	—	—	—	41,2	41,3	41,5
Japan coastal .....	40,5	40,5	40,9	41,3	41,5	—	40,8
Indian Ocean, pel. ....	—	—	—	—	40,4	—	—
<b><u>Minke whales.</u></b>							
Antarctic:—							
Pelagic whaling .....	28,5	28,2	28,3	28,6	28,4	28,3	28,2
Brazil .....	28,1	28,5	27,8	27,9	28,0	28,3	27,9
North Atlantic and Arctic:—							
Iceland .....	25,3	—	23,8	24,1	—	—	—
Pacific North:—							
Japan coastal .....	20,5	20,8	21,3	21,7	20,8	20,9	—
<b><u>Sperm whales.</u></b>							
Antarctic:—							
Pelagic whaling .....	—	—	—	—	47,8	46,7	45,2
South Atlantic, pelagic .....	—	—	—	—	41,8	40,7	41,6
Brazil .....	—	—	—	34,2	33,6	32,5	32,4
North Atlantic and Arctic:—							
Iceland .....	—	47,7	48,6	47,2	48,5	48,2	47,2
Spain .....	—	—	—	39,6	—	—	—
Nova Scotia .....	—	—	—	—	—	37,2	—
Pacific North:—							
Pelagic, Japan .....	—	—	—	—	37,8	37,8	39,8
Pelagic, USSR .....	—	—	—	—	42,8	45,1	38,5
Japan coastal .....	38,2	39,5	37,7	38,7	38,0	37,2	35,9
South Pacific Ocean, Pelagic ..	—	—	—	—	35,3	36,4	34,6
Indian Ocean, pel .....	—	—	—	—	37,5	39,0	39,9
Australia .....	—	—	—	—	—	40,3	41,2

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

Grounds.	Years.	Species of whales caught.						Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Seal.	Sperm.	Others.		Total of whales.	Shore stations.	Floating factories.	Catchers.
<i>North Atlantic and Arctic. Total</i>	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	—	251	24	14	141	—	430	11,365	1	—	4
	1979	—	278	19	85	96	—	478	12,903	1	—	5
	1980	—	249	18	100	102	—	469	12,447	1	—	4
	1981	—	264	12	100	43	—	419	11,945	1	—	4
	1982	—	206	12	71	87	—	376	9,384	1	—	4
	1983	—	156	15	100	—	—	271	3,571	1	—	3
<i>Faroe Islands.</i>	1978	—	7	—	—	—	—	7	—	—	—	—
	1979	—	11	—	1	—	—	12	—	—	—	1
	1981	—	3	—	—	—	—	3	—	—	—	—
	1982	—	3	—	—	—	—	3	—	—	—	—
	1983	—	5	—	—	—	—	5	—	—	—	—
<i>Iceland.</i>	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
	1982	—	194	—	71	87	—	352	9,384	1	—	4
	1983	—	144	—	100	—	—	244	3,571	1	—	3
<i>Greenland.</i>	1974	—	5	9	—	—	—	14	—	—	—	—
	1975	—	1	9	3	—	—	13	—	—	—	—
	1976	—	9	9	—	—	—	18	—	—	—	—
	1977	—	13	16	1	—	—	30	—	—	—	—
	1978	—	8	23	—	—	—	31	—	—	—	—
	1979	—	7	14	—	—	—	21	—	—	—	—
	1980	—	13	15	—	—	—	28	—	—	—	—
	1981	—	7	12	—	—	—	19	—	—	—	—
	1982	—	9	12	—	—	—	21	—	—	—	—
	1983	—	7	15	—	—	—	22	—	—	—	—
<i>The West Indies.</i>	1974	—	—	2	—	—	—	2	—	—	—	—
	1976	—	—	2	—	—	—	2	—	—	—	—
	1978	—	—	1	—	—	—	1	—	—	—	—
	1979	—	—	5	—	—	—	5	—	—	—	—
	1980	—	—	3	—	1	—	4	—	—	—	—

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

**Table j.—Azores.**

Years	Species of whales caught.							Oil production. Barrels.	Expeditions. <sup>1)</sup>		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1974	-	-	-	-	146	-	146	3,012	-	-	-
1975	-	-	-	-	149	-	149	2,400	-	-	-
1976	-	-	-	-	69	-	69	1,488	-	-	-
1977	-	-	-	-	70	-	70	1,500	-	-	-
1978	-	-	-	-	93	-	93	2,894	-	-	-
1979	-	-	-	-	114	-	114	3,118	-	-	-
1980	-	-	-	-	132	-	132	3,141	-	-	-
1981	-	-	-	-	158	-	158	3,400	-	-	-
1982	-	-	-	-	95	-	95	2,164	-	-	-
1983	-	-	-	-	21	-	21	612	-	-	-

<sup>1)</sup> Several small shore stations.**Table k.—Madeira.**

Years	Species of whales caught.							Oil production. Barrels.	Expeditions. <sup>1)</sup>		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1974	-	-	-	-	88	-	88	1,669	-	-	-
1975	-	-	-	-	237	-	237	4,394	-	-	-
1976	-	-	-	-	126	-	126	2,876	-	-	-
1977	-	-	-	-	152	-	152	2,882	-	-	-
1978	-	-	-	-	173	-	173	4,082	-	-	-
1979	-	-	-	-	184	-	184	4,329	-	-	-
1980	-	-	-	-	198	-	198	4,294	-	-	-
1981	-	-	-	-	236	-	236	4,824	-	-	-
1982	-	-	-	-	<sup>2)</sup>	-	<sup>2)</sup>	-	-	-	-
1983	-	-	-	-	<sup>2)</sup>	-	<sup>2)</sup>	-	-	-	-

<sup>1)</sup> Several small shore stations. <sup>2)</sup> No catch.**Table l.—Spain.<sup>1)</sup>**

Years	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
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
1982	-	150	-	-	-	-	150	3,855	2	-	2
1983	-	120	-	-	-	-	120	1,965	2	-	2

<sup>1)</sup> 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.
1974	-	-	-	-	1,258	-	1,258	39,231	-	<sup>1)</sup>	<sup>1)</sup>
1975	-	-	-	-	2,290	-	2,290	70,577	-	<sup>1)</sup>	<sup>1)</sup>
1976	-	-	-	-	2,162	-	2,162	59,820	-	<sup>1)</sup>	<sup>1)</sup>
1977	-	-	-	-	1,086	-	1,086	41,012	-	<sup>1)</sup>	<sup>1)</sup>
1978	-	-	-	-	1,054	-	1,054	34,741	-	<sup>1)</sup>	<sup>1)</sup>
1979	-	-	-	-	872	-	872	28,000	-	<sup>1)</sup>	<sup>1)</sup>

<sup>1)</sup> 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.
1974	-	2	-	449	-	-	451	1,840	-	-	1
1975	-	1	-	275	-	-	276	708	-	-	1
1976 <sup>3)</sup>	-	-	-	23	-	-	23				
1977	-	-	-	-	-	-	<sup>1)</sup>				
1978	-	-	-	-	-	-	<sup>1)</sup>				
1979	-	-	-	-	-	-	<sup>1)</sup>				

<sup>1)</sup> No information. <sup>2)</sup> Oil produced of 30 sperm whales. <sup>3)</sup> January—February 16 th.**Table n.—Africa.**

Grounds.	Years.	Species of whales caught.							Oil production. <sup>1)</sup> Barrels.	Expeditions.				
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.		
Natal.	1974	-	21	-	4	1,783	<sup>1)</sup> 9	<sup>2)</sup> 1,817	41,648	1	-	-	6	
	1975	-	21	-	1	1,682	<sup>1)</sup> 3	1,707	36,588	1	-	-	5	

<sup>1)</sup> Bryde's whales. <sup>2)</sup> In addition minke whales — see table Z<sup>3)</sup>. <sup>3)</sup> 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.	
<i>USSR coastal</i>	1974	—	1	—	—	—	1)	184	185	—	—	—	—
	1975	—	1	—	—	—	2)	173	174	—	—	—	—
	1976	—	—	—	—	—	3)	163	163	—	—	—	—
	1977	—	—	—	—	—	3)	186	186	—	—	—	—
	1978	—	—	—	—	—	3)	182	182	—	—	—	—
	1979	—	—	—	—	—	3)	178	178	—	—	—	—
	1980	—	—	—	—	—	3)	178	178	—	—	—	—
	1981	—	—	—	—	—	3)	135	135	—	—	—	—
	1982	—	—	—	—	—	3)	165	165	—	—	—	—
	1983	—	—	—	—	—	3)	169	169	—	—	—	—
<i>USA</i>	1974	—	—	—	—	—	4)	21	21	—	—	—	—
	1975	—	—	—	—	—	5)	15	15	—	—	—	—
	1976	—	—	—	—	—	5)	56	56	—	—	—	—
	1977	—	—	—	—	—	5)	29	29	—	—	—	—
	1978	—	—	—	—	—	5)	18	18	—	—	—	—
	1979	—	—	—	—	—	5)	31	31	—	—	—	—
	1980	—	—	—	—	—	6)	36	36	—	—	—	—
	1981	—	—	—	—	—	5)	28	28	—	—	—	—
	1982	—	—	—	—	—	7)	23	23	—	—	—	—
	1983	—	—	—	—	—	8)	20	20	—	—	—	—
<i>Canada.</i>	1975	—	—	—	—	—	5)	1	1	—	—	—	—

1) 181 graywhales and 3 right whales. 2) 171 gray whales and 2 right whales. 3) Gray whales. 4) 20 bowhead whales and 1 gray whale. 5) Bowhead whales. 6) 34 bowhead whales and 2 gray whales. 7) 19 bowhead whales and 4 gray whales. 8) 18 bowhead whales and 2 gray whales.

**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.
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
1982	—	—	—	—	439	1)482	921	14,688	5	—	7
1983	—	—	—	—	393	1)536	929	10,632	5	—	5

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.
1974	-	216	-	1,190	1,803	<sup>1)</sup> 522	3,731	108,352	-	3	21
1975	-	118	-	454	1,803	<sup>1)</sup> 688	3,063	82,683	-	3	18
1976	-	-	-	-	1,053	<sup>1)</sup> 578	1,631	37,529	-	1	9
1977	-	-	-	-	1,061	<sup>1)</sup> 424	1,485	40,471	-	1	8
1978	-	-	-	-	535	<sup>1)</sup> 200	735	17,306	-	1	7
1979	-	-	-	-	51	<sup>1)</sup> 175	226	2,824	-	1	4

<sup>1)</sup> 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.
1974	-	173	-	42	3,963	<sup>1)</sup> 654	4,832	103,534	-	2	29
1975	-	33	-	24	3,750	<sup>1)</sup> 629	4,436	89,247	-	2	26
1976	-	-	-	-	3,671	<sup>1)</sup> 679	4,350	102,142	-	2	31
1977	-	-	-	-	3,266	<sup>1)</sup> 275	3,541	95,789	-	2	24
1978	-	-	-	-	2,164	<sup>1)</sup> 216	2,380	103,341	-	3	30
1979	-	-	-	-	1,948	<sup>1)</sup> 227	2,175	81,652	-	3	35

<sup>1)</sup> Bryde's whales.**Table s.—Brazil.**

Years.	Species of whales caught.							Oil production. <sup>2)</sup> Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others. <sup>1)</sup>	Total of whales.		Shore stations.	Floating factories.	Catchers.
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	-	<sup>3)</sup> 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
1982	-	-	-	-	-	-	-	3,129	1	-	1
1983	-	-	-	-	-	-	-	2,157	1	-	1

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

Table t.—Peru.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sel.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1974	—	5	—	63	1,286	<sup>2)</sup> 458	1,812	22,856	1	—	3
1975	—	5	—	130	793	<sup>2)</sup> 415	1,343	17,283	1	—	3
1976	—	13	—	12	1,500	<sup>2)</sup> 398	1,923	29,518	1	—	3
1977	—	2	—	5	799	<sup>2)</sup> 386	1,192	17,488	1	—	3
1978	—	—	—	3	770	<sup>2)</sup> 297	1,070	<sup>1)</sup>	1	—	3
1979	—	—	—	—	742	<sup>2)</sup> 300	1,042	<sup>1)</sup>	1	—	3
1980	—	—	—	—	450	<sup>2)</sup> 215	665	<sup>1)</sup>	<sup>1)</sup>	—	<sup>1)</sup>
1981	—	—	—	—	225	<sup>2)</sup> 162	387	<sup>1)</sup>	<sup>1)</sup>	—	<sup>1)</sup>
1982 <sup>3)</sup>	—	—	—	—	—	<sup>2)</sup> 320	320				
1983 <sup>3)</sup>	—	—	—	—	—	<sup>2)</sup> 149	149				

<sup>1)</sup> No information. <sup>2)</sup> Bryde's whales. <sup>3)</sup> Season started in preceding November.

Table u.—Chile.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sel.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1974	—	2	—	34	125	—	161	<sup>1)</sup>	1	—	3
1975	—	—	—	58	48	—	106	<sup>1)</sup>	1	—	3
1976	—	—	—	2	85	—	87	<sup>1)</sup>	1	—	3
1977	—	—	—	15	40	—	55	<sup>1)</sup>	1	—	3
1978	—	—	—	98	100	—	198	<sup>1)</sup>	1	—	3
1979	—	—	—	65	34	—	99	<sup>1)</sup>	1	—	3
1980	—	—	—	—	94	—	94	<sup>1)</sup>	<sup>1)</sup>	—	<sup>1)</sup>
1981	—	—	—	—	64	—	64	<sup>1)</sup>	1	—	1
1982	—	—	—	—	—	—	<sup>1)</sup>				
1983	—	1	—	<sup>2)</sup> 3	—	—	4				

<sup>1)</sup> No information. <sup>2)</sup> Bryde's whales.

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.	Sel.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1974	—	—	—	—	1,407	—	1,407	29,082	—	<sup>2)</sup>	<sup>2)</sup> —
1975	—	—	—	—	1,685	—	1,685	47,135	—	<sup>2)</sup>	<sup>2)</sup>
1976	—	—	—	—	1,284	—	1,284	30,782	—	<sup>2)</sup>	<sup>2)</sup>
1977	—	—	—	—	192	<sup>1)</sup> 120	312	6,209	—	<sup>2)</sup>	<sup>2)</sup>
1978	—	—	—	—	509	<sup>1)</sup> 114	623	14,965	—	<sup>2)</sup>	<sup>2)</sup>
1979	—	—	—	—	348	—	348	9,141	—	<sup>2)</sup>	<sup>2)</sup>

<sup>1)</sup> Bryde's whales. <sup>2)</sup> 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.
1974	-	-	4	-	-	-	4				
1975	-	-	8	-	-	-	8				
1976	-	-	4	-	-	-	4				
1977	-	-	4	-	-	-	4				
1978	-	-	11	-	-	-	11				

Table w.—Indian Ocean. (North of 40° South Lat.)<sup>1)</sup>

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1974	-	-	-	-	723	-	723	23,823	-	<sup>2)</sup>	<sup>2)</sup> -
1975	-	-	-	-	793	-	793	21,153	-	<sup>2)</sup>	<sup>2)</sup>
1976	-	-	-	-	771	-	771	19,239	-	<sup>2)</sup>	<sup>2)</sup>
1977	-	-	-	-	795	<sup>3)</sup> 105	900	30,636	-	<sup>2)</sup>	<sup>2)</sup>
1978	-	-	-	-	814	<sup>3)</sup> 5	819	23,407	-	<sup>2)</sup>	<sup>2)</sup>
1979	-	-	-	-	584	<sup>3)</sup> 120	704	15,807	-	<sup>2)</sup>	<sup>2)</sup>

<sup>1)</sup> Catch by fl. factories outside the Antarctic grounds. <sup>2)</sup> Incl. in the Antarctic statistics. <sup>3)</sup> 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.
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 <sup>1)</sup>	Expeditions <sup>2)</sup>		
	Fin	Bryde's	Hump-back	Sel	Sperm	Others	Total of whales		Shore stations	Floating fact.	Catchers.
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				

<sup>1)</sup> No information.

Table Z<sup>1</sup>. — 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
1973-74 ..... Total	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 ..... »	16,103	1,432	820 l.t.	67,690	1,675	1,836
1978-79 ..... »	13,286	1,360	114 l.t.	66,016	-	472
1979-80 ..... »	11,593	193	85 l.t.	47,801	-	97
1980-81 ..... »	6,438	221	-	43,244	-	88
1981-82 ..... »	4,693	231	-	47,813	-	152
1982-83 ..... »	3,393	233	-	46,400	-	180
<i>Summary by grounds:</i>						
1977/78						
Antarctic <sup>1)</sup> .....	5,426	1,396	681	46,182	-	39
Brazil <sup>2)</sup> .....	320	-	-	1,742	-	-
North Atlantic and						
Arctic:						
Norway .....	-	-	-	2,847	-	-
Azores .....	80	-	-	-	-	-
Madeira .....	154	-	-	-	-	-
Spain <sup>3)</sup> .....	-	-	-	-	-	-
Iceland .....	1,424	-	-	4,353	-	110
Greenland <sup>3)</sup> .....	-	-	-	-	-	-
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 <sup>3)</sup> .....	-	-	-	-	-	-
USSR coastal <sup>3)</sup> .....	-	-	-	-	-	-
Peru <sup>3)</sup> .....	-	-	-	-	-	-
Chile <sup>3)</sup> .....	-	-	-	-	-	-
Australia .....	1,028	-	-	-	1,675	3
Total .....	16,103	1,432	820	67,690	1,675	1,836

<sup>1)</sup> Inclusive by-products from minke whales and whales caught north of 40° South. <sup>2)</sup> Inclusive by-products from minke whales. <sup>3)</sup> No information.

Table Z<sup>1</sup> 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:</i>						
1978/79						
Antarctic <sup>1)</sup> .....	4,740	1,234	-	42,983	-	23
Brazil <sup>2)</sup> .....	383	-	-	2,134	-	165
North Atlantic and Arctic:						
Norway .....	-	-	-	3,949	-	-
Azores .....	53	-	-	-	-	-
Madeira .....	123	-	-	-	-	-
Spain <sup>3)</sup> .....	-	-	-	-	-	-
Iceland .....	1,548	-	-	4,371	-	111
Greenland <sup>3)</sup> .....	-	-	-	-	-	-
North Pacific Ocean, pel.						
Japan .....	-	-	-	1,444	-	86
USSR .....	2,483	126	114	7,042	-	9
Japan coastal .....	3,956	-	-	4,093	-	78
Korea <sup>3)</sup> .....	-	-	-	-	-	-
USA coastal <sup>3)</sup> .....	-	-	-	-	-	-
USSR coastal <sup>3)</sup> .....	-	-	-	-	-	-
Peru <sup>2)</sup> .....	-	-	-	-	-	-
Chile <sup>3)</sup> .....	-	-	-	-	-	-
<b>Total .....</b>	<b>13,286</b>	<b>1,360</b>	<b>114</b>	<b>66,016</b>	<b>-</b>	<b>472</b>
<i>Summary by grounds:</i>						
1979/80						
Antarctic <sup>1)</sup> .....	2,096	193	85	31,008	-	16
Brazil <sup>2)</sup> .....	442	-	-	2,676	-	-
North Atlantic and Arctic:						
Norway .....	-	-	-	4,246	-	-
Azores .....	35	-	-	-	-	-
Madeira .....	98	-	-	-	-	-
Iceland .....	1,300	-	-	4,555	-	-
Spain .....	3,266	-	-	-	-	-
Japan coastal .....	4,356	-	-	5,316	-	81
Korea <sup>3)</sup> .....	-	-	-	-	-	-
USA coastal <sup>3)</sup> .....	-	-	-	-	-	-
USSR coastal <sup>3)</sup> .....	-	-	-	-	-	-
Peru <sup>2)</sup> .....	-	-	-	-	-	-
Chile <sup>3)</sup> .....	-	-	-	-	-	-
<b>Total .....</b>	<b>11,593</b>	<b>193</b>	<b>85</b>	<b>47,801</b>	<b>-</b>	<b>97</b>

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

Table Z<sup>1</sup> 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:</i>						
1980/81						
Antarctic <sup>1)</sup> .....	1,330	221	—	24,266	—	—
Brazil <sup>1)</sup> .....	317	—	—	2,397	—	19
North Atlantic and Arctic:						
Norway .....	—	—	—	3,444	—	—
Azores .....	166	—	—	—	—	—
Madeira .....	240	—	—	—	—	—
Spain .....	79	—	—	2,206	—	—
Iceland .....	1,181	—	—	4,535	—	—
Greenland <sup>2)</sup> .....						
Japan coastal <sup>3)</sup> .....	3,125	—	—	6,396	—	69
USA coastal <sup>2)</sup> .....						
USSR coastal <sup>2)</sup> .....						
Peru <sup>2)</sup> .....						
Chile <sup>2)</sup> .....						
Korea <sup>2)</sup> .....						
<b>Total</b> .....	<b>6,438</b>	<b>221</b>	<b>—</b>	<b>43,244</b>	<b>—</b>	<b>88</b>
<i>Summary by grounds:</i>						
1981/82						
Antarctic <sup>1)</sup> .....	1,443	231	—	29,079	—	—
Brazil <sup>1)</sup> .....	320	—	—	2,996	—	—
North Atlantic and Arctic:						
Norway .....	—	—	—	3,474	—	—
Azores <sup>2)</sup> .....	—	—	—	—	—	—
Madeira <sup>2)</sup> .....	—	—	—	—	—	—
Spain .....	82	—	—	2,502	—	—
Iceland .....	928	—	—	4,576	—	123
Greenland <sup>2)</sup> .....						
Japan coastal <sup>3)</sup> .....	1,920	—	—	5,186	—	29
USA coastal <sup>2)</sup> .....						
USSR coastal <sup>2)</sup> .....						
Peru <sup>2)</sup> .....						
Chile <sup>2)</sup> .....						
Korea <sup>2)</sup> .....						
<b>Total</b> .....	<b>4,693</b>	<b>231</b>	<b>—</b>	<b>47,813</b>	<b>—</b>	<b>152</b>

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

Cont. next p.

Table Z<sup>1</sup> 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:</i>						
1982/83						
Antarctic <sup>1)</sup> .....	1,043	228	—	28,054	—	—
Brazil <sup>1)</sup> .....	44	5	—	2,575	—	153
North Atlantic and Arctic:—						
Norway .....	—	—	—	3,436	—	—
Azores <sup>2)</sup> .....						
Madira <sup>3)</sup> .....						
Spain .....	210	—	—	1,879	—	—
Iceland .....	477	—	—	4,305	—	—
Greenland <sup>2)</sup> .....						
Japan coastal <sup>3)</sup> .....	1,619	—	—	6,151	—	27
USA coastal <sup>2)</sup> .....						
USSR coastal <sup>2)</sup> .....						
Peru <sup>2)</sup> .....						
Chile <sup>2)</sup> .....						
Korea <sup>2)</sup> .....						
Total .....	3,393	233	—	46,400	—	180

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

Table Z.<sup>1</sup>— 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	Harbour porp.	Others
1973 .....	10,446	30	1,191	25	1,721	32	546	857	269,787
1974 .....	11,662	4	821	61	1,806	32	477	742	168,983
1975 .....	11,273	3	1,374	49	1,715	46	380	936	199,686
1976 .....	10,199	1	710	17	2,224	13	439	911	133,670
1977 .....	12,447	2	1,105	53	2,173	44	537	1,007	54,700
1978 .....	9,078	5	1,350	171	1,423	36	894	798	30,517
1979 .....	9,948	—	1,778	270	1,763	28	714	1,075	22,929
1980 .....	11,828	—	2,820	971	1,909	31	859	1,472	105,815
1981 .....	10,406	—	2,974	23	1,988/ 2,113	39	1,158	996	82,526
1982 .....	11,660	—	3,063	17	1,611	60	962	1,420	69,620/ 71,690
1983 .....	10,138/ 10,179	—	1,814	16	921/ 1,310	37	679/ 809	737/ 900	54,770
1973.									
Brazil .....	650	—	—	—	—	—	—	—	—
Canada .....	—	—	—	—	652	—	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 .....	—	—	—	—	—	—	—	—	214,156
Non-USA .....	—	—	—	—	—	—	—	—	55,626
USSR .....	3,653	27	—	15	—	—	—	—	—
Total .....	10,446	30	1,191	25	1,721	32	546	857	269,787
1974.									
Brazil .....	765	—	—	—	—	—	—	—	—
Canada .....	—	—	—	—	875	—	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	—	—	—	143,082
Non-USA .....	—	—	—	—	—	—	—	—	25,881
USSR .....	4,000	4	—	48	—	—	—	—	—
Total .....	11,662	4	821	61	1,806	32	477	742	168,983

Cont. next p.

Table Z<sup>2</sup> cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- nosed whales	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Harbour porp.	Others
<b>1975.</b>									
Brazil .....	1,039	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	1,093	-	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	-	-	-	171,845
Non-USA .....	-	-	-	-	-	-	-	-	27,812
USSR .....	3,500	3	-	40	-	-	-	-	-
<b>Total .....</b>	<b>11,273</b>	<b>3</b>	<b>1,374</b>	<b>49</b>	<b>1,715</b>	<b>46</b>	<b>380</b>	<b>936</b>	<b>199,686</b>
<b>1976.</b>									
Brazil .....	776	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	1,085	-	300	-	-
Denmark:									
Faroe Islands	-	-	531	-	-	-	-	-	44
Greenland ...	192	-	51	-	1,126	-	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	-	-	-	114,140
Non-USA .....	-	-	-	-	-	-	-	-	19,482
USSR .....	3,017	1	-	16	-	-	-	-	-
<b>Total .....</b>	<b>10,199</b>	<b>1</b>	<b>710</b>	<b>17</b>	<b>2,224</b>	<b>13</b>	<b>439</b>	<b>911</b>	<b>133,670</b>
<b>1977</b>									
Brazil .....	1,000	-	-	-	-	-	-	-	-
Canada .....	-	-	-	14	1,307	-	263	-	-
Denmark:									
Faroe Islands	-	-	898	-	-	-	-	-	-
Greenland ...	300	-	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	-	-	-	28,762
Non-USA .....	-	-	-	-	-	-	-	-	25,901
USSR .....	3,950	2	-	29	-	-	-	-	-
<b>Total .....</b>	<b>12,447</b>	<b>2</b>	<b>1,105</b>	<b>53</b>	<b>2,173</b>	<b>44</b>	<b>537</b>	<b>1,007</b>	<b>54,700</b>

Cont. next p.

Table Z<sup>a</sup> cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- nosed whales	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Harbour porp.	Others
1978									
Brazil .....	690	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	702	-	279	-	-
Denmark:									
Faroe Islands	-	2	1,238	31	-	-	-	-	-
Greenland ...	180	-	101	-	719	-	615	798	4
Great Britain ..	-	-	-	-	-	-	-	-	-
Iceland .....	198	-	-	-	-	-	-	-	-
Japan .....	2,800	-	11	-	-	36	-	-	-
Norway .....	1,592	-	-	63	-	-	-	-	-
Rep. of Korea ..	1,018	-	-	-	-	-	-	-	-
USA .....	-	-	-	-	2	-	-	-	19,366
Non-USA .....	-	-	-	-	-	-	-	-	11,147
USSR .....	2,600	3	-	77	-	-	-	-	-
Total .....	9,078	5	1,350	171	1,423	36	894	798	30,517
1979									
Brazil .....	739	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	884	-	319	-	-
Denmark:									
Faroe Islands	-	-	1,725	-	-	-	-	-	-
Greenland ...	250	-	50	-	741	-	395	1,075	21
Great Britain ..	-	-	-	-	-	-	-	-	-
Iceland .....	199	-	-	-	-	-	-	-	-
Japan .....	3,139	-	3	-	-	28	-	-	-
Norway .....	1,980	-	-	221	-	-	-	-	-
Rep. of Korea ..	906	-	-	-	-	-	-	-	-
USA .....	2	-	-	-	138	-	-	-	16,378
Non-USA .....	-	-	-	-	-	-	-	-	6,530
USSR .....	2,733	-	-	49	-	-	-	-	-
Total .....	9,948	-	1,778	270	1,763	28	714	1,075	22,929
1980									
Brazil .....	902	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	774	-	339	-	<sup>2)</sup> 23,402
Denmark:									
Faroe Islands	-	-	2,773	-	-	-	-	-	-
Greenland ...	260	-	6	1	889	-	520	1,472	14
France .....	-	-	-	-	-	-	-	-	<sup>2)</sup> 16
Iceland .....	201	-	-	-	-	-	-	-	-
Japan .....	3,658	-	1	2	-	31	-	-	<sup>2)</sup> 38,646
New Zealand ..	-	-	-	-	-	-	-	-	<sup>2)</sup> 156
Norway .....	2,002	-	-	52	-	-	-	-	-
Rep. of Korea ..	925	-	-	-	-	-	-	-	-
Seychelles .....	-	-	-	-	-	-	-	-	<sup>2)</sup> 100
South Africa ...	-	-	-	-	-	-	-	-	<sup>2)</sup> 174
Spain .....	-	-	-	-	-	-	-	-	<sup>2)</sup> 5
The West Indies	-	-	40	-	-	-	-	-	-
USA .....	1	-	-	-	10	-	-	-	16,995
Non-USA .....	-	-	-	-	-	-	-	-	26,307
USSR .....	3,879	-	-	916	<sup>2)</sup> 236	-	-	-	-
Total .....	11,828	-	2,820	971	1,909	31	859	1,472	105,815

<sup>1)</sup> Provisional figures. <sup>2)</sup> According to the report of the Committee on small cetaceans.

Cont. next p.

Table Z<sup>2</sup> cont.

Years countries	Species of whales caught								
	Minke- whales	Bottle- nosed whales	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Harbour porp.	Others
1981.									
Brazil .....	749	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	689/709	-	406	-	<sup>2)</sup> 40
Denmark:									
Faroe Islands	-	-	2,973	-	-	-	-	-	-
Greenland ...	204	-	1	-	1,017	-	752	996	5
France .....	-	-	-	-	-	-	-	-	<sup>2)</sup> 2,035
Iceland .....	201	-	-	<sup>2)</sup> 3	-	-	-	-	-
Japan .....	3,494	-	-	5	-	39	-	-	<sup>3)</sup> 17,676
Netherlands ...	-	-	-	-	-	-	-	-	<sup>2)</sup> 15
New Zealand ..	-	-	-	-	-	-	-	-	<sup>2)</sup> 6
Norway .....	1,877	-	-	13	-	-	-	-	-
Republic of									
Korea .....	760	-	-	2	-	-	-	-	-
Seychelles .....	-	-	-	-	-	-	-	-	<sup>2)</sup> 10
South Africa ..	-	-	-	-	-	-	-	-	<sup>2)</sup> 78
Spain .....	-	-	-	-	-	-	-	-	<sup>2)</sup> 3,014
The West Indies <sup>4)</sup>	-	-	-	-	-	-	-	-	-
Turkey .....	-	-	-	-	-	-	-	-	24,611
USA .....	1	-	-	-	182/237	-	-	-	<sup>2)</sup> 18,520
Non-USA .....	-	-	-	-	-	-	-	-	<sup>2)</sup> 16,516
USSR .....	3,120	-	-	-	100/ 150 <sup>2)</sup>	-	-	-	-
Total .....	10,406	-	2,974	23	1 988/ 2 113	39	1 158	996	82,526

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

Cont. next p.



Table Z<sup>1</sup> cont.<sup>1)</sup>

Years countries	Species of whales caught								
	Minke- whales	Bottle- nosed whales	Pilot whales	Killer whales	White- whales	Baird's beaked whales	Nar- whal	Harbour porp.	Others
<b>1982.</b>									
Brazil .....	854	-	-	-	-	-	-	-	-
Canada .....	1	-	5	-	475	-	402	<sup>2)</sup> 317	-
Denmark:									
Faroe Islands	-	-	2,652	-	-	-	-	-	-
Greenland ...	251	-	1	-	699	-	560	852	2
France .....	-	-	<sup>2)</sup> 1	-	-	-	-	<sup>2)</sup> 10	<sup>2)</sup> 24
Iceland .....	212	-	-	<sup>2)</sup> 6	-	-	-	<sup>2)</sup> 63	-
Japan .....	3,901	-	<sup>2)</sup> 404	<sup>2)</sup> 8	-	<sup>2)</sup> 60	-	<sup>2)</sup> 123	<sup>2)</sup> 25,019
Netherlands <sup>4)</sup> ..	-	-	-	-	-	-	-	-	-
New Zealand <sup>4)</sup> ..	-	-	-	-	-	-	-	-	-
Norway .....	1,963	-	-	-	-	-	-	-	-
Republic of									
Korea .....	898	-	-	3	-	-	-	-	-
Seychelles <sup>4)</sup> ...	-	-	-	-	-	-	-	-	-
South Africa <sup>4)</sup> ..	-	-	-	-	-	-	-	-	-
Spain <sup>4)</sup> .....	-	-	-	-	-	-	-	-	-
Sri Lanka .....	-	-	-	-	-	-	-	-	<sup>2)3)</sup> 15,000
Taiwan .....	-	-	-	-	-	-	-	-	<sup>2)6)</sup> 1,243/ 3,313
Turkey <sup>4)</sup> .....	-	-	-	-	-	-	-	-	-
USA <sup>7)</sup> .....	3	-	-	-	<sup>9)</sup> 298	-	-	<sup>2)</sup> 55	<sup>8)</sup> 23,898
Non-USA .....	-	-	-	-	-	-	-	-	<sup>8)</sup> 4,434
USSR .....	3,577	-	-	-	139	-	-	-	-
<b>Total .....</b>	<b>11,660</b>	<b>-</b>	<b>3,063</b>	<b>17</b>	<b>1,611</b>	<b>60</b>	<b>962</b>	<b>1,420</b>	<b>69,620/ 71,690</b>
<b>1983.</b>									
Australia .....	-	-	-	-	-	-	-	-	<sup>2)</sup> 3,183
Brazil .....	625	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	484	-	344	-	8
Denmark									
Faroe Islands	-	-	1,689	10	-	-	-	-	10
Greenland <sup>3)</sup> ..	218/259	-	-	-	216/605	-	335/ 465	737/900	-
France <sup>2)</sup> .....	-	-	-	-	-	-	-	-	<sup>2)</sup> 3,026
Iceland .....	204	-	-	<sup>4)</sup> 3	-	-	-	-	-
Japan .....	3,514	-	125	-	-	37	-	-	<sup>2)</sup> 25,030
New Zealand ..	-	-	-	-	-	-	-	-	<sup>2) 6)</sup>
Norway .....	1,869	-	-	-	-	-	-	-	-
Republic of									
Korea .....	485	-	-	3	-	-	-	-	-
Seychelles <sup>7)</sup> ...	-	-	-	-	-	-	-	-	-
South Africa <sup>7)</sup> ..	-	-	-	-	-	-	-	-	-
Spain <sup>7)</sup> .....	-	-	-	-	-	-	-	-	-
Sri Lanka .....	-	-	-	-	-	-	-	-	<sup>2)8)</sup> 15,000
Taiwan <sup>7)</sup> .....	-	-	-	-	-	-	-	-	-
Turkey <sup>7)</sup> .....	-	-	-	-	-	-	-	-	-
USA .....	-	-	-	-	-	-	-	-	8,513
Non-USA <sup>9)</sup> .....	-	-	-	-	-	-	-	-	-
USSR .....	3,223	-	-	-	<sup>2)</sup> 221	-	-	-	-
<b>Total .....</b>	<b>10,138/ 10,179</b>	<b>-</b>	<b>1,814</b>	<b>16</b>	<b>921/ 1,310</b>	<b>37</b>	<b>679/ 809</b>	<b>737/ 900</b>	<b>54,770</b>
<b>1984<sup>10)</sup></b>									
Japan .....	3,027	-	-	-	-	-	-	-	-
USSR .....	3,028	-	-	-	-	-	-	-	-

<sup>1)</sup> Scientific names — see tables Z<sup>2</sup>—Z<sup>12</sup>. <sup>2)</sup> According to Report of the Sub-Committee on small cetaceans. <sup>3)</sup> Provisional figures and estimated totals. <sup>4)</sup> Live-captures. <sup>5)</sup> Caught by local fisheries. <sup>6)</sup> A low level of incidental catch is likely. <sup>7)</sup> No information. <sup>8)</sup> Estimates. <sup>9)</sup> There was a kill but it could not be estimated for 1983. <sup>10)</sup> Antarctic 1983/84.

**Table Z<sup>3</sup>.—Catch of Minke whales (*Balaenoptera acutorostrata*)  
by months and whaling grounds.**

Grounds	Year	Months												Month un- known or lost	Total	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			
Norway:—																
Total .....	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	—	—	—	—	—	29	1,772
	1978	—	—	—	12	850	493	114	91	—	—	—	—	—	32	1,592
	1979	—	—	—	26	346	1,291	205	93	10	—	—	—	—	9	1,980
	1980	—	—	—	17	417	1,056	389	123	—	—	—	—	—	—	2,002
	1981	—	—	—	20	336	1,018	372	93	38	—	—	—	—	—	1,877
	1982	—	—	—	14	257	995	532	151	11	—	—	—	—	3	1,963
	1983	—	—	—	17	431	935	338	134	14	—	—	—	—	—	1,869
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	—	—	—	—	—	—	29	1,697
	1978	—	—	—	12	850	478	2	19	—	—	—	—	—	25	1,386
	1979	—	—	—	26	346	1,265	109	30	—	—	—	—	—	9	1,785
	1980	—	—	—	17	417	1,046	316	11	—	—	—	—	—	—	1,807
	1981	—	—	—	20	336	1,002	345	64	4	—	—	—	—	—	1,771
	1982	—	—	—	14	257	992	494	28	—	—	—	—	—	3	1,788
	1983	—	—	—	17	431	928	309	3	—	—	—	—	—	—	1,688
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
	1982	—	—	—	—	—	3	38	21	4	—	—	—	—	—	66
	1983	—	—	—	—	—	7	23	24	14	—	—	—	—	—	68
East Greenland, Iceland, Jan Mayen .....																
	1976	—	—	—	—	5	3	33	56	—	—	—	—	—	—	97
	1977	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1978	—	—	—	—	—	—	87	37	—	—	—	—	—	7	131
	1979	—	—	—	—	—	—	73	47	—	—	—	—	—	—	120
	1980	—	—	—	—	—	—	25	95	—	—	—	—	—	—	120
	1981	—	—	—	—	—	—	—	11	34	—	—	—	—	—	45
	1982	—	—	—	—	—	—	—	102	7	—	—	—	—	—	109
	1983	—	—	—	—	—	—	6	107	—	—	—	—	—	—	113
Denmark:—																
Greenland .....	1974	—	—	—	—	—	—	—	—	—	—	—	—	—	—	217
	1975	—	—	—	—	—	—	—	—	—	—	—	—	—	—	223
	1976	—	—	—	—	—	—	—	—	—	—	—	—	—	—	192
	1977	—	—	—	—	—	—	—	—	—	—	—	—	—	—	300
	1978	—	—	—	—	—	—	—	—	—	—	—	—	—	—	180
	1979	—	—	—	—	—	—	—	—	—	—	—	—	—	—	250
	1980	—	—	—	—	—	—	—	—	—	—	—	—	—	—	260
	1981	—	—	—	—	—	—	—	—	—	—	—	—	—	—	204
	1982	—	—	—	—	—	—	—	—	—	—	—	—	—	—	251
	1983 <sup>1)</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	218/ 259

Cont. next p.

Table Z<sup>a</sup> cont.

Grounds	Year	Months												Month un-known or last	Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Iceland .....	1974	-	-	6	8	9	2	10	26	14	12	3	-	-	90
	1975	-	-	3	30	13	22	37	36	7	12	-	-	21	181
	1976	-	-	1	6	5	6	42	55	62	15	3	-	2	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	-	1	199
	1980	-	-	-	-	7	100	94	-	-	-	-	-	-	201
	1981	-	-	-	-	-	47	62	56	23	12	1	-	-	201
	1982	-	-	-	-	2	80	49	57	15	9	-	-	-	212
	1983	-	-	-	-	11	50	58	72	13	-	-	-	-	204
Japan:— Coastal districts .....	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
	1982	-	-	-	90	75	77	53	19	10	-	-	-	-	324
	1983	-	-	-	80	66	54	50	25	15	-	-	-	-	290
Antarctic .....	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
	1982/83	1156	635	196	-	-	-	-	-	-	-	223	1014	-	3,224
1983/84	1090	775	-	-	-	-	-	-	-	-	226	936	-	3,027	
Brazil .....	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	-	739
	1980	-	-	-	-	-	4	84	113	191	284	186	40	-	902
	1981	-	-	-	-	-	-	73	140	239	261	36	-	-	749
	1982	-	-	-	-	-	-	24	109	173	265	215	68	-	854
	1983	-	-	-	-	-	-	-	26	206	255	138	-	-	625
Africa:—	1974	-	-	-	9	21	11	27	20	27	-	-	-	2	117
	1975	-	-	-	3	2	17	12	44	32	-	-	-	-	110

Cont. next p.

Table Z<sup>3</sup> cont.

Grounds	Year	Months												Month nn- known or lost	Total		
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.				
USSR:—																	
Antarctic . . . .	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	2	3,577
	1982/83	805	589	574	—	—	—	—	—	—	—	—	—	320	935	—	3,223
	1983/84	1123	481	514	110	—	—	—	—	—	—	—	—	103	697	—	3,028
Somali Rep.																	
South Atlantic	1974	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—	2
	1975	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	2
Republic of																	
Korea . . . . .	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
	1982	—	—	29	161	194	69	169	48	170	58	—	—	—	—	—	898
	1983	—	—	36	62	96	75	50	30	70	66	—	—	—	—	—	485
USA																	
Alaska . . . . .	1979	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
	1980	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	1981	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	1982	—	—	—	—	—	2	1	—	—	—	—	—	—	—	—	3

1) Provisional figures.

**Table Z<sup>4</sup>. — Catch of Bottlenosed whales (*Hyperoodon ampullatus* and *Hyperoodon planifrons*), by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Denmark:— <sup>1)</sup> Faroe Islands ....	1978	-	-	-	-	-	-	-	2	-	-	-	-	2
USSR:— <sup>2)</sup> Antarctic .....	1973/74	-	-	-	-	-	-	-	-	-	-	-	4	4
	1974/75	2	-	-	-	-	-	-	-	-	-	-	1	3
	1975/76	1	-	-	-	-	-	-	-	-	-	-	-	1
	1976/77	-	-	-	-	-	-	-	-	-	-	-	2	2
	1977/78	2	-	-	-	-	-	-	-	-	-	-	1	3

<sup>1)</sup> *Hyperoodon ampullatus*. <sup>2)</sup> *Hyperoodon planifrons*.

**Table. Z<sup>5</sup>. — Catch of Pilot whales (*Globicephala melaena* and *Globicephala macrorhynchus*), by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:— <sup>1)</sup>														
Total .....	1974	—	—	—	—	—	1	—	—	—	—	—	—	1
Of which:														
Coastal districts ...	1974	—	—	—	—	—	1	—	—	—	—	—	—	1
Denmark:— <sup>1)</sup>														
Faroe Islands ....	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
	1979	—	33	—	—	—	6	16	1391	—	279	—	—	1,725
	1980	—	—	—	—	157	—	749	228	1298	—	341	—	2,773
	1981	11	88	—	119	—	—	226	591	1580	24	29	150	2,973
	1982	—	—	—	—	—	—	384	619	575	957	58	59	2,652
	1983	—	—	—	—	—	—	165	394	201	929	—	—	1,689
Greenland <sup>1)</sup> .....	1974	—	—	—	—	—	—	—	—	—	—	—	—	14
	1975	—	—	—	—	—	—	—	—	—	—	—	—	106
	1976	—	—	—	—	—	—	—	—	—	—	—	—	51
	1977	—	—	—	—	—	—	—	—	—	—	—	—	136
	1978	—	—	—	—	—	—	—	17	54	23	7	—	101
	1979	1	2	3	—	1	5	—	16	20	2	—	—	50
	1980	—	—	—	—	—	—	—	—	—	—	—	—	6
	1981	—	—	—	—	—	—	—	—	—	—	—	—	1
	1982	—	—	—	—	—	—	—	—	—	—	—	—	1
Canada <sup>1)</sup> .....	1982	—	—	—	—	—	—	—	—	—	—	—	—	5
France <sup>1)</sup> .....	1982	—	—	—	—	—	—	—	—	—	—	—	—	1
Japan:— <sup>2)</sup>														
Coastal districts ..	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
	1979	—	3	—	—	—	—	—	—	—	—	—	—	3
	1980	—	—	—	—	—	—	—	1	—	—	—	—	1
	1982	—	—	—	—	—	—	—	—	—	32	53	—	85
	1983	—	—	—	—	—	—	—	—	—	34	91	—	125
British West Indies <sup>2)</sup> <sup>v</sup>	1973	—	—	—	—	—	—	—	—	—	—	—	—	64
	1974	—	—	—	—	—	—	—	—	—	—	—	—	71
	1975	—	—	—	—	—	—	—	—	—	—	—	—	135
	1976	—	—	—	—	—	—	—	—	—	—	—	—	117
	1977	—	—	—	—	—	—	—	—	—	—	—	—	65
	1980	—	—	—	—	—	—	—	—	—	—	—	—	40

<sup>1)</sup> *Globicephala melaena*. <sup>2)</sup> *Globicephala macrorhynchus*.

Table Z'. — 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 .....	1974	—	—	—	—	6	—	—	—	—	—	—	—	6
	1975	—	—	—	—	2	—	—	—	—	—	—	—	2
	1977	—	—	—	—	2	5	—	—	—	—	—	—	7
	1978	—	—	—	1	7	6	—	—	—	—	—	—	63
	1979	102	9	3	6	1	—	—	3	7	45	36	3 <sup>1)</sup>	221
	1980	48	4	—	—	—	—	—	—	—	—	—	—	52
	1981	—	—	—	—	—	—	—	—	—	—	—	—	13
Denmark:—														
Greenland .....	1974	—	—	—	—	—	—	—	—	—	—	—	—	3
	1977	—	—	—	—	—	2	—	—	—	—	—	—	2
	1980	—	—	—	—	—	—	—	—	—	—	—	—	1
Faroe Islands ....	1978	—	—	—	—	—	31	—	—	—	—	—	—	31
	1983	—	—	—	—	—	—	10	—	—	—	—	—	10
Iceland .....	1981	—	—	—	—	—	—	—	—	—	—	—	—	3
	1982	—	—	—	—	—	—	—	—	—	—	—	—	6
	1983	—	—	—	—	—	—	—	—	—	—	—	—	3
Canada .....	1977	—	—	—	—	—	—	—	—	—	—	—	—	14
Japan:—														
Coastal districts ..	1974	—	—	2	—	—	—	—	—	—	—	—	—	2
	1975	—	—	1	—	2	—	—	—	—	—	—	—	3
	1976	1	—	—	—	—	—	—	—	—	—	—	—	1
	1977	—	—	—	—	—	—	1	—	—	—	—	—	1
	1980	—	—	2	—	—	—	—	—	—	—	—	—	2
	1981	—	—	—	—	—	—	—	—	—	—	—	—	5
	1982	—	—	—	—	—	—	—	—	—	—	—	—	8
Africa:—														
Natal .....	1974	—	—	—	—	—	—	2	—	—	—	—	—	2
	1975	—	—	—	2	—	—	2	—	—	—	—	—	4
USSR:—														
Antarctic .....	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
	1982	—	—	—	—	—	—	—	3	—	—	—	—	3
	1983	—	—	—	—	—	—	—	3	—	—	—	—	3

<sup>1)</sup> Incl. 6 without information of month.

**Table Z<sup>1</sup>. — 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 .....	1974	—	—	—	—	—	—	—	—	—	—	—	—	875
	1975	—	—	—	—	—	—	—	—	—	—	—	—	1,093
	1976	—	—	—	—	—	—	—	—	—	—	—	—	1,085
	1977	—	—	—	—	—	—	—	—	—	—	—	—	1,307
	1978	—	—	—	—	—	—	—	—	—	—	—	—	702
	1979	—	—	—	—	—	—	—	—	—	—	—	—	884
	1980	—	—	—	—	—	—	—	—	—	—	—	—	774
	1981	—	—	—	—	—	—	—	—	—	—	—	—	<sup>1)</sup> 689/ 709
	1982	—	—	—	—	—	—	—	—	—	—	—	—	<sup>1)</sup> 475
	1983	—	—	—	—	—	—	—	—	—	—	—	—	484
Of which:														
Western Arctic ...	1974	—	—	—	—	—	—	—	—	—	—	—	—	165
	1975	—	—	—	—	—	—	—	—	—	—	—	—	184
	1976	—	—	—	—	—	—	—	—	—	—	—	—	154
	1977	—	—	—	—	—	—	—	—	—	—	—	—	148
	1978	—	—	—	—	—	—	—	—	—	—	—	—	127
	1979	—	—	—	—	—	—	—	—	—	—	—	—	144
	1980	—	—	—	—	—	—	—	—	—	—	—	—	85
	1981	—	—	—	—	—	—	—	—	—	—	—	—	218
	1982	—	—	—	—	—	—	—	—	—	—	—	—	126
Eastern Arctic ...	1974	—	—	—	—	—	—	—	—	—	—	—	—	239
	1975	—	—	—	—	—	—	—	—	—	—	—	—	140
	1976	—	—	—	—	—	—	—	—	—	—	—	—	239
	1977	—	—	—	—	—	—	—	—	—	—	—	—	286
	1978	—	—	—	—	—	—	—	—	—	—	—	—	160
	1979	—	—	—	—	—	—	—	—	—	—	—	—	200
	1980	—	—	—	—	—	—	—	—	—	—	—	—	133
	1981	—	—	—	—	—	—	—	—	—	—	—	—	232/ 252
	1982	—	—	—	—	—	—	—	—	—	—	—	—	191
Central Arctic ....	1981	—	—	—	—	—	—	—	—	—	—	—	—	28
Western Hudson Bay	1974	—	—	—	—	—	—	—	—	—	—	—	—	—
	1975	—	—	—	—	—	—	—	—	—	—	—	—	101
	1976	—	—	—	—	—	—	—	—	—	—	—	—	146
	1977	—	—	—	—	—	—	—	—	—	—	—	—	191
	1978	—	—	—	—	—	—	—	—	—	—	—	—	118
	1979	—	—	—	—	—	—	—	—	—	—	—	—	105
	1980	—	—	—	—	—	—	—	—	—	—	—	—	124
	1981	—	—	—	—	—	—	—	—	—	—	—	—	211
	1982	—	—	—	—	—	—	—	—	—	—	—	—	158

Cont. next p.



Table Z' cont.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Eastern Hudson Bay, James Bay, Northern Quebec	1974	-	-	-	-	-	-	-	-	-	-	-	-	471
	1975	-	-	-	-	-	-	-	-	-	-	-	-	668
	1976	-	-	-	-	-	-	-	-	-	-	-	-	546
	1977	-	-	-	-	-	-	-	-	-	-	-	-	682
	1978	-	-	-	-	-	-	-	-	-	-	-	-	297
	1979	-	-	-	-	-	-	-	-	-	-	-	-	435
	1980	-	-	-	-	-	-	-	-	-	-	-	-	432
	1981	-	-	-	-	-	-	-	-	-	-	-	-	1) <sup>1)</sup>
Denmark:— Greenland .....	1974	-	-	-	-	-	-	-	-	-	-	-	-	925
	1975	-	-	-	-	-	-	-	-	-	-	-	-	609
	1976	-	-	-	-	-	-	-	-	-	-	-	-	1,126
	1977	-	-	-	-	-	-	-	-	-	-	-	-	805
	1978	-	-	-	-	-	-	-	-	-	-	-	-	719
	1979	-	-	-	-	-	-	-	-	-	-	-	-	741
	1980	-	-	-	-	-	-	-	-	-	-	-	-	889
	1981	-	-	-	-	-	-	-	-	-	-	-	-	1 017
	1982	-	-	-	-	-	-	-	-	-	-	-	-	890
	1983	-	-	-	-	-	-	-	-	-	-	-	-	216/ 605
USA:— Alaska .....	1974	-	-	-	-	6	-	-	-	-	-	-	-	6
	1975	-	-	-	-	13	-	-	-	-	-	-	-	13
	1976	-	-	-	-	13	-	-	-	-	-	-	-	13
	1977	-	-	-	-	61	-	-	-	-	-	-	-	61
	1978	-	-	-	-	-	-	-	-	2	-	-	-	2
	1979	-	-	-	-	-	-	-	-	-	-	-	-	138
	1980	-	-	-	-	-	-	-	-	-	-	-	-	10
	1981	-	-	-	-	-	-	-	-	-	-	-	-	182/ 237
	1982	-	-	-	-	-	-	-	-	-	-	-	-	298
USSR .....	1980	-	-	-	-	-	-	-	-	-	-	-	-	236
	1981	-	-	-	-	-	-	-	-	-	-	-	-	100/ 150
	1982	-	-	-	-	-	-	-	-	-	-	-	-	139
	1983	-	-	-	-	-	-	-	-	-	-	-	-	221

1) No reports.

Table Z<sup>2</sup>. — 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 . .	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
	1979	-	-	-	-	-	-	18	6	-	4	-	-	28
	1980	-	-	-	-	-	-	16	7	6	2	-	-	31
	1981	-	-	-	-	-	-	15	18	2	4	-	-	39
	1982	-	-	-	-	-	-	29	25	2	4	-	-	60
	1983	-	-	-	-	-	-	14	18	3	2	-	-	37

**Table Z<sup>o</sup>. — 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 .....	1974	-	-	-	-	-	-	-	-	-	-	-	-	291
	1975	-	-	-	-	-	-	-	-	-	-	-	-	251
	1976	-	-	-	-	-	-	-	-	-	-	-	-	300
	1977	-	-	-	-	-	-	-	-	-	-	-	-	263
	1978	-	-	-	-	-	-	-	-	-	-	-	-	279
	1979	-	-	-	-	-	-	-	-	-	-	-	-	319
	1980	-	-	-	-	-	-	-	-	-	-	-	-	339
	1981	-	-	-	-	-	-	-	-	-	-	-	-	406
	1982	-	-	-	-	-	-	-	-	-	-	-	-	402
	1983	-	-	-	-	-	-	-	-	-	-	-	-	344
Of which:														
Eastern Arctic ...	1974	-	-	-	-	-	-	-	-	-	-	-	-	281
	1975	-	-	-	-	-	-	-	-	-	-	-	-	251
	1976	-	-	-	-	-	-	-	-	-	-	-	-	282
	1977	-	-	-	-	-	-	-	-	-	-	-	-	242
	1978	-	-	-	-	-	-	-	-	-	-	-	-	275
	1979	-	-	-	-	-	-	-	-	-	-	-	-	289
	1980	-	-	-	-	-	-	-	-	-	-	-	-	314
	1981	-	-	-	-	-	-	-	-	-	-	-	-	366
	1982	-	-	-	-	-	-	-	-	-	-	-	-	380
Hudson and James Bays ...	1974	-	-	-	-	-	-	-	-	-	-	-	-	10
	1976	-	-	-	-	-	-	-	-	-	-	-	-	18
	1977	-	-	-	-	-	-	-	-	-	-	-	-	21
	1978	-	-	-	-	-	-	-	-	-	-	-	-	4
	1979	-	-	-	-	-	-	-	-	-	-	-	-	30
	1980	-	-	-	-	-	-	-	-	-	-	-	-	25
	1981	-	-	-	-	-	-	-	-	-	-	-	-	40
	1982	-	-	-	-	-	-	-	-	-	-	-	-	22
Denmark:—														
Greenland .....	1974	-	-	-	-	-	-	-	-	-	-	-	-	186
	1975	-	-	-	-	-	-	-	-	-	-	-	-	129
	1976	-	-	-	-	-	-	-	-	-	-	-	-	139
	1977	-	-	-	-	-	-	-	-	-	-	-	-	274
	1978	-	-	-	-	-	-	-	-	-	-	-	-	615
	1979	-	-	-	-	-	-	-	-	-	-	-	-	395
	1980	-	-	-	-	-	-	-	-	-	-	-	-	520
	1981	-	-	-	-	-	-	-	-	-	-	-	-	752
	1982	-	-	-	-	-	-	-	-	-	-	-	-	560
	1983	-	-	-	-	-	-	-	-	-	-	-	-	335/ 465



**Table Z<sup>11</sup>.—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.	
Australia .....	1983	-	-	-	-	-	-	-	-	-	-	-	-	3,183
Denmark:—														
Faroe Islands ..	1974	-	-	-	-	-	-	-	2	2	-	-	-	4
	1976	-	-	-	-	-	-	-	-	44	-	-	-	44
	1983	-	-	-	-	-	-	-	-	10	-	-	-	10
Greenland .....	1974	-	-	-	-	-	-	-	-	-	-	-	-	15
	1975	-	-	-	-	-	-	-	-	-	-	-	-	24
	1976	-	-	-	-	-	-	-	-	-	-	-	-	1
	1977	-	-	-	-	-	-	-	-	-	-	-	-	36
	1978	-	-	-	-	-	-	-	2	1	-	1	-	4
	1979	-	-	-	-	-	-	-	-	-	-	-	-	21
	1980	-	-	-	-	-	-	-	-	-	-	-	-	14
	1981	-	-	-	-	-	-	-	-	-	-	-	-	5
	1982	-	-	-	-	-	-	-	-	-	-	-	-	2
Japan:—														
Coastal districts	1974	-	-	-	-	-	-	1	-	-	-	-	-	1
	1975	-	-	1	1	-	2	-	-	-	-	1	-	5
	1976	-	-	-	-	-	-	-	-	-	2	-	1	3
	1977	-	-	-	-	-	-	-	-	1	-	-	-	1
	1980	-	-	-	-	-	-	-	-	-	-	-	-	38,646
	1981	-	-	-	-	-	-	-	-	-	-	-	-	17,676
	1982	-	-	-	-	-	-	-	-	-	-	-	-	25,019
	1983	-	-	-	-	-	-	-	-	-	-	-	-	25,030
Africa .....	1980	-	-	-	-	-	-	-	-	-	-	-	-	174
	1981	-	-	-	-	-	-	-	-	-	-	-	-	78
USA .....	1974	-	-	-	-	-	-	-	-	-	-	-	-	143,082
	1975	-	-	-	-	-	-	-	-	-	-	-	-	171,845
	1976	-	-	-	-	-	-	-	-	-	-	-	-	114,140
	1977	-	-	-	-	-	-	-	-	-	-	-	-	28,762
	1978	-	-	-	-	-	-	-	-	-	-	-	-	19,366
	1979	-	-	-	-	-	-	-	-	-	-	-	-	16,378
	1980	-	-	-	-	-	-	-	-	-	-	-	-	16,995
	1981	-	-	-	-	-	-	-	-	-	-	-	-	18,520
	1982	-	-	-	-	-	-	-	-	-	-	-	-	23,898
	1983	-	-	-	-	-	-	-	-	-	-	-	-	8,513
Non-USA .....	1974	-	-	-	-	-	-	-	-	-	-	-	-	25,881
	1975	-	-	-	-	-	-	-	-	-	-	-	-	27,812
	1976	-	-	-	-	-	-	-	-	-	-	-	-	19,482
	1977	-	-	-	-	-	-	-	-	-	-	-	-	25,901
	1978	-	-	-	-	-	-	-	-	-	-	-	-	11,147
	1979	-	-	-	-	-	-	-	-	-	-	-	-	6,530
	1980	-	-	-	-	-	-	-	-	-	-	-	-	26,307
	1981	-	-	-	-	-	-	-	-	-	-	-	-	16,516
	1982	-	-	-	-	-	-	-	-	-	-	-	-	4,434
	1983	-	-	-	-	-	-	-	-	-	-	-	-	1)

<sup>1)</sup> No information.

Cont. next p.

Table Z<sup>11</sup> cont.

Grounds	Year	Months												Total
		Jan.	Febr.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Des.	
Netherlands .....	1981	-	-	-	-	-	-	-	-	-	-	-	-	15
Canada .....	1980	-	-	-	-	-	-	-	-	-	-	-	-	23,402
	1981	-	-	-	-	-	-	-	-	-	-	-	-	40
	1983	-	-	-	-	-	-	-	-	-	-	-	-	8
France .....	1980	-	-	-	-	-	-	-	-	-	-	-	-	16
	1981	-	-	-	-	-	-	-	-	-	-	-	-	2,035
	1982	-	-	-	-	-	-	-	-	-	-	-	-	24
	1983	-	-	-	-	-	-	-	-	-	-	-	-	3,026
New Zealand ....	1980	-	-	-	-	-	-	-	-	-	-	-	-	156
	1981	-	-	-	-	-	-	-	-	-	-	-	-	6
Seychelles .....	1980	-	-	-	-	-	-	-	-	-	-	-	-	100
	1981	-	-	-	-	-	-	-	-	-	-	-	-	10
Spain .....	1980	-	-	-	-	-	-	-	-	-	-	-	-	5
	1981	-	-	-	-	-	-	-	-	-	-	-	-	3,014
Turkey .....	1981	-	-	-	-	-	-	-	-	-	-	-	-	24,611
Sri Lanka .....	1982	-	-	-	-	-	-	-	-	-	-	-	-	15,000
	1983	-	-	-	-	-	-	-	-	-	-	-	-	15,000
Taiwan .....	1982	-	-	-	-	-	-	-	-	-	-	-	-	1,243/ 3,313

## TABLES

**Table 1 — Whaling in the Antarctic season 1982/83 and outside the Antarctic in 1983.**

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 1982/83	—	—	—	—	<sup>1)</sup> —	—	<sup>2)</sup> 19,588	—	2	12
Brazil .....	—	—	—	—	<sup>3)</sup> —	<sup>3)</sup> —	<sup>2)</sup> 2,157	1	—	1
North Atlantic and Arctic:										
Spain .....	120	—	—	—	—	120	1,965	2	—	2
Azores .....	—	—	—	21	—	21	612	—	—	—
Madeira <sup>4)</sup> .....	—	—	—	—	—	—	—	—	—	—
Greenland <sup>5)</sup> .....	7	—	—	—	<sup>6)</sup> 15	22	—	—	—	—
Faroe Islands .....	5	—	—	—	—	5	—	—	—	—
The West Indies <sup>7)</sup> .....	—	—	—	—	—	—	—	—	—	—
Iceland .....	144	100	—	—	—	244	3,571	1	—	3
North Pacific:										
Japan coastal .....	—	—	536	393	—	929	10,632	5	—	5
USA coastal .....	—	—	—	—	<sup>8)</sup> 20	20	—	—	—	—
USSR coastal .....	—	—	—	—	<sup>9)</sup> 169	169	—	—	—	—
Peru .....	—	—	149	—	—	149	<sup>7)</sup> —	—	—	—
Chile <sup>10)</sup> .....	1	—	3	—	—	4	—	—	—	—
Total .....	277	100	688	414	204	1,683	38,525	9	2	23

<sup>1)</sup> 6,447 minke whales. <sup>2)</sup> Oil from minke whales. <sup>3)</sup> 625 minke whales. <sup>4)</sup> No catch in 1982 and 1983. <sup>5)</sup> Provisional figures. <sup>6)</sup> Humpback whales of which one entangled and died in fishing net. <sup>7)</sup> No information. <sup>8)</sup> Aboriginal catch — 18 Bowhead whales of which 9 struck but lost and 2 gray whales. <sup>9)</sup> Aboriginal catch — gray whales. <sup>10)</sup> Caught for scientific purposes.

**Table 2. — Japanese whaling in the Antarctic season 1982/83 and outside the Antarctic in 1983.**

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) <sup>1)</sup>	—	2) 7,059	—	1	3) 7
Japan coastal .....	—	—	536	393	4)	929	10,632	5	—	—
Total .....	—	—	536	393	—	929	17,691	5	1	12

1) 3,224 minke whales. 2) Oil from minke whales. 3) Of which 3 research vessels. 4) Small whales — see tables Z<sup>2</sup>—Z<sup>11</sup>.

**Table 3. — Whaling of USSR in the Antarctic season 1982/83 and outside the Antarctic in 1983.**

Antarctic, pelagic .....	—	—	—	—	1)	—	2) 12,529	—	1	5
USSR coastal .....	—	—	—	—	3) 169	169	—	—	—	—
Total .....	—	—	—	—	169	169	12,529	—	1	5

1) 3,223 minke whales. 2) Oil from minke whales. 3) Aboriginal catch — gray whales.

**Table 4. Whaling results for the various countries in the Antarctic season 1982/83 and outside the Antarctic in 1983. (See foot-notes to tables 1, 2 and 3).**

Japan .....	—	—	536	393	—	929	17,691	5	1	12
USSR .....	—	—	—	—	169	169	12,529	—	1	5
Iceland .....	144	100	—	—	—	244	3,571	1	—	3
Spain .....	120	—	—	—	—	120	1,965	2	—	2
Brazil .....	—	—	—	—	—	—	2,157	1	—	1
Peru .....	—	—	149	—	—	149	—	—	—	—
Chile .....	1	—	3	—	—	4	—	—	—	—
Greenland .....	7	—	—	—	15	22	—	—	—	—
Faroe Island .....	5	—	—	—	—	5	—	—	—	—
USA .....	—	—	—	—	20	20	—	—	—	—
Portugal .....	—	—	—	21	—	21	612	—	—	—
Total .....	277	100	688	414	204	1,683	38,525	9	2	23

Table 5. — Average size of whales caught in 1983.

Geographical areas Number of whales measured	Average size in Engl. feet		
	Males	Females	Total animals
<b><u>A. Fin whales.</u></b>			
<i>North Atlantic and Arctic:</i>			
Iceland .....	58.6	61.4	60.1
Males 69	}	Total 144	
Females 75			
Spain .....	60.4	63.2	61.8
Males 61	}	Total 120	
Females 59			
<b><u>B. Sei whales.</u></b>			
<i>North Atlantic and Arctic:</i>			
Iceland .....	42.4	44.1	43.4
Males 41	}	Total 100	
Females 59			
<b><u>C. Bryde's whales.</u></b>			
<i>Pacific North:</i>			
Japan, coastal .....	40.2	41.4	40.5
Males 396	}	Total 535	
Females 139			
<b><u>D. Minke whales.</u></b>			
Brazil .....	27.0	28.6	28.1
Males 206	}	Total 625	
Females 419			
<i>North Atlantic and Arctic:</i>			
Iceland .....	25.5	24.9	25.3
Males 117	}	Total 204	
Females 87			
<i>Pacific North:</i>			
Japan coastal .....	21.0	20.1	20.5
Males 143	}	Total 290	
Females 147			
<b><u>E. Sperm whales.</u></b>			
<i>Pacific North:</i>			
Japan, coastal .....	38.7	34.0	38.2
Males 349	}	Total 393	
Females 44			



Table 6.—Whales caught in 1983 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.	
22	1	2	3				
23	5	11	16				
24	9	12	21				
25	25	14	39				
26	36	16	52				
27	39	30	69				
28	58	90	148				
29	26	94	120				
30	5	88	93				
31	2	44	46				
32	—	10	10				
33	—	7	7				
34	—	1	1				
Total	206	419	625				

  

Average size: }	Males:	27.0 feet
	Females:	28.6 »
	Total animals	28.1 »
Per cent: }	Males	33.0
	Females	67.0

**2. Iceland.**  
**Fin whales.**

48	1	—	1	67	—	4	4
52	—	1	1	68	—	3	3
53	3	—	3	69	—	1	1
54	4	—	4	70	—	1	1
55	3	4	7	73	—	1	1
56	6	4	10				
57	7	3	10				
58	10	7	17				
59	8	7	15				
60	6	6	12				
61	8	7	15				
62	6	6	12				
63	2	6	8				
64	1	10	11				
65	3	4	7				
66	1	—	1				
				Total	69	75	144

  

Average size: }	Males:	58.6 feet
	Females:	61.4 »
	Total animals:	60.1 »
Per cent: }	Males:	47.9
	Females:	52.1

Table 6 (continued).

## Sei whales.

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
34	—	1	1	Average size: } Males: 42.4 feet } Females: 44.1 » } Total animals: 43.4 »  Per cent: } Males: 41.0 } Females: 59.0			
36	1	—	1				
37	—	1	1				
38	4	—	4				
39	4	4	8				
40	2	3	5				
41	3	5	8				
42	2	6	8				
43	8	3	11				
44	8	5	13				
45	5	8	13				
46	3	6	9				
47	1	9	10				
48	—	4	4				
49	—	4	4				
Total	41	59	100				

## 3. Spain.

## Fin whales.

Engl. feet.	Number of		Total animals.	Engl. feet	Number of		Total animals
	males.	females.			males	females	
51	1	—	1	68	—	7	7
54	1	—	1	69	—	3	3
55	—	1	1	70	—	1	1
56	2	—	2	73	—	1	1
57	5	4	9	Total	61	59	120
58	7	4	11	Average size: } Males: 60.4 feet } Females: 63.2 » } Total animals: 61.8 »  Per cent: } Males: 50.8 } Females: 49.2			
59	8	5	13				
60	6	4	10				
61	6	3	9				
62	15	5	20				
63	3	5	8				
64	1	6	7				
65	2	4	6				
66	2	1	3				
67	2	5	7				

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	47	—	3	3
36	7	5	12	48	—	2	2
37	19	3	22	Total	396	139	535 <sup>1)</sup>
38	51	14	65				
39	67	12	79	Average size: } Males: 40.2 feet Females: 41.4 " Total animals: 40.5 "	Per cent: } Males: 74.0 Females: 26.0		
40	63	13	76				
41	86	19	105				
42	61	21	82				
43	27	28	55				
44	9	13	22				
45	2	6	8				
46	1	—	1				

**Minke whales.**

15	—	3	2	27	1	—	1
16	3	8	11	28	—	2	2
17	10	9	19	29	—	1	1
18	20	25	45	Total	143	147	290
19	21	21	42				
20	14	26	40	Average size: } Males 21.0 feet Females 20.1 " Total animals 20.5 "	Per cent: } Males 49.3 Females 50.7		
21	20	15	35				
22	5	12	17				
23	13	11	24				
24	20	5	25				
25	13	5	18				
26	3	4	7				

**Sperm whales.**

28	—	1	1	49	4	—	4
31	22	6	28	50	4	—	4
32	15	3	18	51	1	—	1
33	20	10	30	52	2	—	2
34	20	7	27	53	2	—	2
35	30	7	37	54	2	—	2
36	26	4	30	61	2	—	2
37	25	3	28	62	1	—	1
38	31	1	32	63	2	—	2
39	35	2	37	Total	349	44	393
40	18	—	18				
41	20	—	20	Average size: } Males: 38.7 feet Females: 34.0 " Total animals: 38.2 "	Per cent: } Males: 88.8 Females: 11.2		
42	21	—	21				
43	12	—	12				
44	11	—	11				
45	9	—	9				
46	3	—	3				
47	7	—	7				
48	4	—	4				

<sup>1)</sup> Excluding 1 whale lost.

INTERNATIONAL  
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XCIV



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## INTRODUCTION

At the 35th Annual Meeting of the International Whaling Commission in 1983 the catch limits for the Southern Hemisphere for the 1983/84 pelagic season and the 1984 coastal season were set at 6,655 minke whales and 165 Bryde's whales (Peruvian Stock).

The catch limit for minke whales was subdivided 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 .....	624	-	624	-
Area II .....	630	-	-	630
Area III .....	1,416	-	1,416	-
Area IV .....	2,095	1,107	988	-
Area V .....	1,445	1,445	-	-
Area VI .....	778	627	151	-
Not to exceed .....	6,655	3,027	3,028	600

One Japanese floating factory with 4 catchers and 3 research vessels and one USSR floating factory with 5 catchers took part in the whaling operations. One of the USSR catchers was used as a research vessel in the period 15 December 1983 up to and including 12 March 1984.

The Japanese expedition started operations on the 18 November 1983 and ceased on 28 February 1984. The USSR expedition started on 24 November 1983 and ceased on 6 April 1984.

The catch amounted to:

	Japan	USSR	Total
Area I .....	-	624	624
Area III .....	-	1,416	1,416
Area IV .....	1,107	988	2,095
Area V .....	1,445	-	1,445
Area VI .....	475	-	475
<b>Total .....</b>	<b>3,027</b>	<b>3,028</b>	<b>6,055</b>



The catch by month amounted to:

	Japan	USSR	Total
November .....	226	103	329
December .....	936	697	1,633
January .....	1,090	1,123	2,213
February .....	775	481	1,256
March .....	—	514	514
April .....	—	110	110
<b>Total .....</b>	<b>3,027</b>	<b>3,028</b>	<b>6,055</b>

The average size of whales (in Engl. feet) caught in the different areas was the following:

	Males	Females	Total
Area I .....	27.0	28.3	27.8
Area III .....	27.9	29.4	28.9
Area IV .....	27.5	28.9	28.3
Area V .....	27.1	28.6	28.1
Area VI .....	26.6	27.7	27.4
<b>Total .....</b>	<b>27.4</b>	<b>28.8</b>	<b>28.3</b>

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 1974/75—1982/83.

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
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	27,206	2	12
1982/83	—	—	—	—	6,447	—	—	6,447	19,588	2	12
1983/84	—	—	—	—	6,055	—	—	6,055	19,364	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
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	—	—	—
1982/83	—	—	—	—	—	—	27.5	29.0	28.5	—	—	—
1983/84	—	—	—	—	—	—	27.4	28.7	28.3	—	—	—

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

	All countries			Catchers employed	Japan			Catchers employed	USSR			Catchers employed
	Number of whales killed	Oil pro- duction	Barrels		Number of whales killed	Oil pro- duction	Barrels		Number of whales killed	Oil pro- duction	Barrels	
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	128,791	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	27,206	12	3,577	12,282	7	3,577	14,924	5			
1982/83	6,447	19,588	12	3,224	7,059	7	3,223	12,529	5			
1983/84	6,055	19,364	12	3,027	6,529	7	3,028	12,835	5			

**Table d. - Production of by-products in the Antarctic.**

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
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 .....	1,443	231	—	29,079	—	—
1982/83 .....	1,043	228	—	28,054	—	—
1983/84						
Japan .....	—	—	—	14,273	—	—
USSR .....	1,004	216	—	12,455	—	—
<b>Total</b> .....	<b>1,004</b>	<b>216</b>	<b>—</b>	<b>26,728</b>	<b>—</b>	<b>—</b>

## TABLES

## Antarctic season 1983/84.

**Table 1. — Whaling results for the various countries in the Antarctic in the season 1983/84.****Pelagic whaling.**

Countries	Minke whales	Oil production. Barrels of 170 kg	Expeditions	
			Floating factories	Catchers
Japan .....	3,027	6,529	1	7
USSR .....	3,028	12,835	1	5
Total .....	6,055	19,364	2	12

**Table 2. — Average size of minke whales in Engl. feet caught in the Antarctic in the season 1983/84.****Pelagic whaling.**

Number of whales measured.	Expedition.	Average size.		
		Males.	Females.	Total.
Males 2,232 } Females 3,823 } Total 6,055	No. 1	27.1	28.3	27.9
	2	27.8	29.2	28.7
Average		27.4	28.8	28.3

**Table 3. — Minke whales caught in the Antarctic in the season 1983/84, by sex and size.**

**Pelagic whaling.**

Engl. feet	Number of		Total animals	Engl. feet	Number of		Total animals
	males	females			males	females	
20	—	1	1	32	1	60	61
21	1	1	2	33	—	5	5
22	13	14	27	Total	2,232	3,823	6,055
23	21	23	44				
24	43	47	90	Average size: { Males 27.4 feet { Females 28.8 „ { Total 28.3 „  Per cent: { Males 36.9 { Females 63.1			
25	117	103	220				
26	277	170	447				
27	561	324	885				
28	656	639	1,295				
29	399	951	1,350				
30	123	976	1,099				
31	20	509	529				

**Table 4. — Size of pregnant female minke whales caught in the Antarctic in the season 1983/84.**

**Pelagic whaling.**

Length	Number of pregnant females	Length	Number of pregnant females	Number of fetuses ..... 3,218 of which twin pairs ..... 16
23	1	31	489	
25	8	32	59	
26	60	33	5	
27	215	Total	1) 3,202	
28	556			
29	887			
30	922			

<sup>1)</sup> Exclusive of 62 females with no information of pregnancy.

**Table 5. — Minke whale fetuses in the Antarctic in the season 1983/84, by groups of size, in each month.**

**Pelagic whaling.**

Groups of size. Engl. feet	November	December	January	February	March	April	Total
Not measured <sup>1)</sup> .	2	24	70	17	13	1	127
0'— 0'11" ....	57	295	414	67	13	2	848
1'— 1'11" ....	17	263	493	195	26	5	999
2'— 2'11" ....	1	89	264	190	38	2	584
3'— 3'11" ....	—	15	108	144	46	6	319
4'— 4'11" ....	—	2	44	88	42	10	186
5'— 5'11" ....	—	—	7	39	41	3	90
6'— 6'11" ....	—	—	1	13	25	6	45
7'— 7'11" ....	—	—	—	2	7	1	10
8'— 8'11" ....	1	—	1	—	3	1	6
9'— 9'11" ....	1	3	—	—	—	—	4
Total .....	79	691	1,402	755	254	37	3,218
Average size ...	1' 0"	1' 3"	1' 8"	2' 8"	4' 0"	4' 2"	2' 0"

<sup>1)</sup> No measurement recorded, but probably very small.

**Table 6. — Minke whale fetuses in the Antarctic in the season 1983/84, by sex, in each month.**

**Pelagic whaling.**

	Number of		Sex not determined	Total	Number of males per 100 females
	males	females			
November .....	34	34	11	79	100.0
December .....	295	342	54	691	86.3
January .....	651	649	102	1,402	100.3
February .....	366	368	21	755	99.5
March .....	122	115	17	254	106.1
April .....	20	16	1	37	125.0
Total .....	1,488	1,524	206	3,218	97.6

