

INTERNATIONAL
WHALING STATISTICS
LXV

EDITED BY
THE COMMITTEE FOR WHALING STATISTICS



OSLO 1970

INTERNATIONAL
WHALING STATISTICS

LXV

EDITED BY
THE COMMITTEE FOR WHALING STATISTICS



OSLO 1970

PRINTED BY
GRØNDAHL & SØN, OSLO

CONTENTS

Preface	Page 5
Introduction	" 7
Supplementary tables to the introduction	" 9
Production of by-products 1959/60—1968/69	" 28
Catch of small whales in the years 1964/65—1968/69.....	" 29
Table No. 1.—Whaling in 1968/69 and summer 1969	" 35
Table No. 2.—Whaling of Japan in 1968/69 and summer 1969	" 36
Table No. 3.—Whaling of U.S.S.R. in 1968/69 and summer 1969	" 36
Table No. 4.—Whaling results for the various countries in 1968/69 and summer 1969	" 36
Table No. 5.—Average size of whales caught in the summer-season 1969	" 37
Table No. 6.—Whales caught in the summer-season 1969, by species, sex and size and by whaling grounds	" 39
Natal	" 39
Norway	" 41
Iceland	" 42
Newfoundland.....	" 43
Nova Scotia.....	" 43
California	" 44
North Pacific Ocean, Kamtchatka and Bering Sea, pelagic.....	" 46
Japan	" 47
Australia	" 48
South Atlantic Ocean, pelagic	" 48
Indian Ocean, pelagic	" 49
Table No. 7.—Average production of oil per „blue-whale equivalent” in the summer-season 1969	" 49
Table No. 8.—Average production of oil per sperm-whale in the summer-season 1969	" 50

PREFACE

The present publication, International Whaling Statistics No. LXV, comprises the whaling operations in the Antarctic during the season 1968-69 and on grounds outside the Antarctic in the calendar year 1969.

Statistical data for 1969 have not been received from Brazil and one Chilean whaling company. One catcher with freezing- and oil plant has in 1968 and 1969 operated under Bermuda flag off the west coast of Africa, but we have not been able to obtain information on the catch.

Further statistical data relating to the sex and size of the whales killed have not been received from

The Azores, Madeira, Spain and Peru.

O s l o , December 1970.

Gunnar Jahn.

Birger Bergersen.

Einar Vangstein.

INTRODUCTION

This publication comprises the world aggregate whaling results for 1969, i.e. the catch in the Antarctic during the season 1968-69 and the catch on grounds outside the Antarctic during the calendar year 1969. Details respecting the Antarctic catch were given in International Whaling Statistics No. LXIV, while the present volume gives specifications of the operations on grounds outside the Antarctic in 1969.

It has been confirmed that no activity was undertaken from the Faroe Islands in 1969. It is not known for certain whether Chile was actively engaged in whaling during the years 1968 and 1969. Furthermore, no information has been received regarding the catch from Brazil. Apart from this, the same companies participated in the operations in 1969 as in 1968 and the activities were of about the same level.

A former catcher has been converted to a combined catcher/factory-ship, and during the seasons 1968 and 1969 it has been operating outside the coast of West Africa. The ship flies the flag of the Bahamas. Unfortunately, no information about the results of the expedition has been obtainable.

The most important areas outside the Antarctic are in the North Pacific. In 1969 three Soviet-Russian and three Japanese pelagic expeditions were active in this area. In all 1,169 fin-whales and 4,682 sei-whales were caught, corresponding to 1,365 blue-whale units. In addition 11,211 sperm-whales were caught. The production amounted to 497,336 barrels of oil or about 100,000 barrels more than the production in the Antarctic during the last two seasons.

The pelagic catch in the North Pacific was reduced by 624 fin-whales, 242 sei-whales and 1,331 sperm-whales as compared with the year 1968.

It should also be mentioned that some of the Antarctic floating factories on their voyages to and from the Antarctic whaling grounds, in 1969 caught 1,862 sperm-whales in the South Atlantic Ocean and Indian Ocean (i.e. North of 40° South Lat.), as compared with 1,120 in 1968.

From table a, page 9, it will be seen that whaling on grounds outside the Antarctic during the season 1969 was carried on from 20 shore stations and 6 floating factories with a total of 106 catchers.

In order to show how the catch on grounds outside the Antarctic has developed in recent years we give the following table, showing the number of whales killed during the period 1956/57-1968/69. Figures for the Antarctic whaling are also included in order to give the total world whaling results during this period.

Number of whales killed in the seasons 1956/57-1968/69.

Season	Total of whales killed	In Antarctic			On other grounds		
		Total	Baleen whales	Sperm-whales	Total	Baleen whales	Sperm-whales
1956-57.....	58,990	36,069	31,640	4,429	22,921	8,194	14,727
1957-58.....	64,075	39,403	32,868	6,535	24,672	9,361	15,311
1958-59.....	64,373	38,787	33,135	5,652	25,586	9,940	15,646
1959-60.....	63,489	38,688	34,461	4,227	24,801	8,684	16,117
1960-61.....	65,641	41,127	36,327	4,800	24,514	8,184	16,330
1961-62.....	66,090	38,552	33,723	4,829	27,538	9,051	18,487
1962-63.....	63,579	30,159	25,388	4,771	33,420	10,333	23,087
1963-64.....	63,001	29,942	23,231	6,711	33,059	10,515	22,544
1964-65.....	64,680	32,563	28,211	4,352	32,117	10,921	21,196
1965-66.....	57,891	24,680	20,125	4,555	33,211	10,388	22,823
1966-67.....	52,238	20,225	15,265	4,960	32,013	10,549	21,464
1967-68.....	46,645	15,080	12,512	2,568	31,565	10,053	21,512
1968-69.....	41,735	11,478	8,796	2,682	30,257	8,797	21,460

In tables *i-z*, pages 20 to 27, particulars are given for a series of years in respect to the catch results on the individual grounds outside the Antarctic.

Table *z*¹, page 28, shows the production of by-products in the Antarctic and on the grounds outside the Antarctic during the last two seasons.

The chief by-products are whale meat and whale meal, of which the total production in 1968-69 were 156,947 tons and 49,305 tons, respectively. Of these quanta 81,503 tons whale meat and 13,276 tons whale meal were produced in the Antarctic.

In some tables *z*²⁻⁹, pages 29-34, is recorded the catch of small whales on the various grounds outside the Antarctic and also in the Antarctic during the last 5 seasons.

Annex.

Supplementary Tables to the Introduction.

Table a.—Whaling matériel in operation in the years 1956/57—1968/69.

Years. ¹⁾	All whaling grounds.			Antarctic.			Others.		
	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.
1956-57	52	23	395	3	20	246	49	3	149
1957-58	56	23	417	2	20	257	54	3	160
1958-59	55	23	420	3	20	256	52	3	164
1959-60	53	23	399	3	20	241	50	3	158
1960-61	51	24	418	3	21	268	48	3	150
1961-62	48	26	444	1	21	269	47	5	175
1962-63	38	24	367	—	17	201	38	7	166
1963-64	39	23	357	2	16	194	37	7	163
1964-65	29	22	331	2	15	177	27	7	154
1965-66	28	17	280	1	10	128	27	7	152
1966-67	27	16	254	—	9	120	27	7	134
1967-68	23	14	210	—	8	97	23	6	113
1968-69	20	12	190	—	6	84	20	6	106

¹⁾ 1956-57 = Antarctic season 1956-57 and summer 1957, a.s.o.

Table b.—Whales killed in the years 1956/57—1968/69, by species.

Years. ¹⁾	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.
1956-57.....	1,775	31,626	3,196	3,138	19,156	99	58,990
1957-58.....	1,995	31,587	2,923	5,670	21,846	54	64,075
1958-59.....	1,442	30,942	5,055	5,539	21,298	97	64,373
1959-60.....	1,465	30,985	3,576	7,035	20,344	84	63,489
1960-61.....	1,987	31,790	2,840	7,785	21,130	109	65,641
1961-62.....	1,255	30,178	2,436	8,804	23,316	101	66,090
1962-63.....	1,429	21,916	2,758	9,549	27,858	69	63,579
1963-64.....	372	19,182	318	13,690	29,255	184	63,001
1964-65.....	613	12,317	452	25,453	25,548	297	64,680
1965-66.....	243	6,882	59	23,067	27,378	262	57,891
1966-67.....	70	6,458	4	19,016	26,424	266	52,238
1967-68.....	—	5,268	2	16,960	24,080	335	46,645
1968-69.....	—	5,320	5	11,980	24,142	288	41,735

¹⁾ 1956-57 = Antarctic season 1956-57 and summer 1957, a.s.o.

Table c.—Whales killed in the various main areas 1956/57—1968/69.

Years.	All areas.		Antarctic.		Africa.		North Atlantic and Arctic. ¹⁾		Pacific, north. ²⁾		Japan.	
	No. of whales killed.	Per cent.	No. of whales killed.	Per cent.	No. of whales killed.	Per cent.	No. of whales killed.	Per cent.	No. of whales killed.	Per cent.	No. of whales killed.	Per cent.
1956-57.....	58,990	100	36,069	61.1	2,536	4.3	979	1.7	890	1.5	3,109	5.3
1957-58.....	64,075	100	39,403	61.5	3,026	4.7	886	1.4	1,322	2.1	3,644	5.7
1958-59.....	64,373	100	38,787	60.3	3,609	5.6	606	0.9	1,400	2.2	3,580	5.5
1959-60.....	63,489	100	38,688	61.0	3,523	5.5	596	0.9	451	0.7	3,029	4.8
1960-61.....	65,641	100	41,127	62.7	3,352	5.1	608	0.9	438	0.7	2,961	4.5
1961-62.....	66,090	100	38,552	58.3	3,947	6.0	738	1.1	983	1.5	2,959	4.5
1962-63.....	63,579	100	30,159	47.4	4,054	6.4	600	1.0	832	1.3	2,641	4.2
1963-64.....	63,001	100	29,942	47.5	4,210	6.7	613	1.0	1,153	1.8	2,801	4.4
1964-65.....	64,680	100	32,563	50.3	5,398	8.4	726	1.1	1,106	1.7	2,340	3.6
1965-66.....	57,891	100	24,680	42.6	4,148	7.2	971	1.6	938	1.6	2,516	4.4
1966-67.....	52,238	100	20,225	38.7	2,692	5.2	1,275	2.5	741	1.4	3,287	6.3
1967-68.....	46,645	100	15,080	32.3	1,301	2.8	1,173	2.5	202	0.4	4,779	10.3
1968-69.....	41,735	100	11,478	27.5	2,078	5.0	1,246	3.0	183	0.4	4,299	10.3
	North Pacific Ocean and Bering Sea (pelagic).		Kamchatka and Kuril Islands.		Chile.		Peru.		Australia and New Zealand.		Others.	
1956-57.....	3,341	5.7	3,498	5.9	2,512	4.3	2,381	4.0	2,286	3.9	1,389	2.3
1957-58.....	3,255	5.0	4,364	6.8	2,317	3.6	2,554	4.0	2,278	3.6	1,026	1.6
1958-59.....	3,352	5.2	4,137	6.4	2,233	3.5	3,400	5.3	2,131	3.3	1,138	1.8
1959-60.....	3,466	5.5	4,381	6.9	2,084	3.3	3,451	5.4	2,170	3.4	1,650	2.6
1960-61.....	3,338	5.1	3,960	6.0	2,334	3.5	3,602	5.5	2,018	3.1	1,903	2.9
1961-62.....	4,043	6.1	5,444	8.2	2,338	3.5	3,301	5.0	1,355	2.1	2,430	3.7
1962-63.....	4,760	7.5	10,059	15.8	1,543	2.4	3,241	5.1	843	1.3	4,847	7.6
1963-64.....	5,043	8.0	9,410	14.9	1,508	2.4	2,066	3.3	849	1.4	5,406	8.6
1964-65.....	5,353	8.3	10,698	16.6	1,348	2.1	1,289	2.0	668	1.0	3,191	4.9
1965-66.....	6,474	11.2	12,368	21.4	1,099	1.9	1,365	2.4	606	1.0	2,726	4.7
1966-67.....	7,318	14.0	12,615	24.2	744	1.4	645	1.2	587	1.1	2,109	4.0
1967-68.....	7,548	16.2	11,711	25.1	-	-	2,462	5.3	658	1.4	1,731	3.7
1968-69.....	7,167	17.2	9,895	23.7	-	-	2,305	5.5	679	1.6	2,405	5.8

¹⁾ Excluding Spain, Azores and Madeira. ²⁾ Excluding Japan, North Pacific Ocean and Bering Sea, Kamchatka and Kuril Islands.

Table d.—Oil production in the various main areas 1956/57—1968/69.

Years.	All areas.			Antarctic.			Africa.			North Atlantic and Arctic. ¹⁾			Pacific North. ²⁾			Japan		
	Total oil output.	%	Oil output per catcher.	Total oil output.	%	Oil output per catcher.	Total oil output.	%	Oil output per catcher.	Total oil output.	%	Oil output per catcher.	Total oil output.	%	Oil output per catcher.	Total oil output.	%	Oil output per catcher.
	Barrels. ³⁾		Barrels.	Barrels.		Barrels.	Barrels.		Barrels.	Barrels.		Barrels.	Barrels.		Barrels.	Barrels.		Barrels.
1956-57..	2,929,085	100	7,415	2,246,922	76.7	9,134	83,956	2.9	5,597	33,802	1.2	1,988	28,386	1.0	2,581	44,427	1.5	1,777
1957-58..	3,048,969	100	7,312	2,317,638	76.0	9,018	89,401	2.9	5,588	32,971	1.1	2,061	34,948	1.2	2,330	60,966	2.0	2,439
1958-59..	2,914,647	100	6,940	2,152,659	73.9	8,409	102,370	3.5	5,687	24,153	0.8	2,196	38,536	1.3	2,267	52,648	1.8	2,194
1959-60..	2,883,972	100	7,228	2,148,438	74.6	8,915	102,786	3.6	6,046	26,188	0.9	2,014	12,586	0.4	899	48,403	1.7	1,936
1960-61..	2,925,736	100	6,999	2,232,884	76.3	8,332	88,345	3.0	5,197	23,912	0.8	2,391	11,435	0.4	953	44,665	1.5	1,787
1961-62..	2,797,994	100	6,302	2,051,776	73.3	7,627	96,783	3.5	6,049	29,843	1.1	2,296	23,590	0.8	1,311	44,409	1.6	1,776
1962-63..	2,420,824	100	6,596	1,495,779	61.8	7,442	95,284	3.9	5,294	27,315	1.1	2,483	22,839	0.9	1,903	48,692	2.0	2,319
1963-64..	2,228,211	100	6,241	1,340,758	60.2	6,911	89,153	4.0	5,944	24,154	1.1	1,858	24,513	1.1	2,228	45,540	2.0	2,070
1964-65..	1,994,969	100	6,027	1,063,416	53.3	6,008	106,004	5.3	6,236	25,384	1.3	1,954	22,066	1.1	2,006	44,917	2.3	2,642
1965-66..	1,546,904	100	5,525	644,263	41.6	5,033	93,987	6.1	5,529	34,604	2.2	2,884	18,855	1.2	1,886	55,523	3.6	3,266
1966-67..	1,488,649	100	5,909	600,666	40.3	5,006	63,792	4.3	4,253	42,508	2.9	3,270	18,185	1.2	2,273	65,989	4.4	3,666
1967-68..	1,251,451	100	5,959	426,497	34.0	4,397	39,122	3.1	5,589	39,657	3.2	2,644	3,319	0.3	1,106	86,046	6.9	6,146
1968-69..	1,212,294	100	6,380	385,822	31.8	4,593	50,657	4.2	7,237	43,329	3.6	3,333	4,533	0.4	1,511	87,124	7.2	6,223
	North Pacific Ocean and Bering Sea (pelagic).			Kamtschatka and Kuril Islands.			Chile.			Peru.			Australia and New Zealand.			Others.		
1956-57..	148,824	5.1	9,922	101,697	3.5	4,843	44,688	1.5	3,438	45,745	1.6	5,718	116,709	4.0	7,294	33,929	1.0	.
1957-58..	145,436	4.8	9,696	122,491	4.0	4,224	48,301	1.6	3,715	56,315	1.8	7,039	116,080	3.8	7,255	24,422	0.8	.
1958-59..	160,224	5.5	9,425	128,172	4.4	4,578	44,851	1.5	3,204	74,785	2.6	9,348	110,649	3.8	5,824	25,600	0.9	.
1959-60..	150,529	5.2	10,035	141,122	4.9	6,415	41,443	1.4	2,590	75,426	2.6	9,428	104,550	3.6	5,228	32,501	1.1	.
1960-61..	151,059	5.2	10,071	121,575	4.2	4,676	46,623	1.6	4,662	76,644	2.6	9,581	89,642	3.1	4,482	38,952	1.3	.
1961-62..	184,249	6.6	8,774	144,753	5.2	3,809	39,125	1.4	3,913	67,189	2.4	7,465	56,591	2.0	2,978	59,686	2.1	.
1962-63..	194,654	8.1	9,269	303,824	12.6	5,957	30,047	1.2	3,005	60,903	2.5	6,767	33,222	1.4	3,691	108,265	4.5	.
1963-64..	183,183	8.2	8,723	284,422	12.8	5,688	36,620	1.6	2,817	40,745	1.8	4,075	35,821	1.7	8,955	123,302	5.5	.
1964-65..	200,406	10.0	8,016	339,061	17.0	6,920	40,100	2.0	4,010	30,878	1.5	6,176	26,508	1.3	8,836	96,229	4.9	.
1965-66..	209,411	13.6	6,755	332,369	21.5	7,730	28,091	1.8	2,554	27,411	1.8	6,853	25,051	1.6	8,350	77,339	5.0	.
1966-67..	218,724	14.7	8,412	368,302	24.7	10,523	15,642	1.1	1,955	11,418	0.8	-	22,673	1.5	7,558	60,750	4.1	.
1967-68..	213,735	17.1	6,679	327,896	26.2	10,247	-	-	-	42,466	3.4	14,155	24,158	1.9	8,052	48,555	3.9	.
1968-69..	174,900	14.4	6,478	322,436	26.6	10,401	-	-	-	46,978	3.9	9,395	27,045	2.2	9,015	69,470	5.7	.

¹⁾ Excluding Spain, Azores and Madeira. ²⁾ Excluding Japan, North Pacific Ocean and Bering Sea, Kamtschatka and Kuril Islands. ³⁾ Barrel = 170 kg. (Barrel = abt. 1/2 long ton.)

Table e.—Whaling results for the various countries
Number of whales killed.

Years.	All countries.	Argentina.	Australia.	Brazil.	Canada.	Chile.	Denmark.	France.	Iceland.	Japan.
<i>Absolute figures:</i>										
1956-57.....	58,990	1,108	2,100	122	673	2,512	250	—	517	14,614
1957-58.....	64,075	1,860	2,095	128	838	2,317	91	—	508	18,662
1958-59.....	64,373	923	1,811	313	889	2,233	—	178	371	19,490
1959-60.....	63,489	932	1,809	813	2	2,084	1	—	379	18,854
1960-61.....	65,641	—	1,937	1,083	1	2,334	1	—	350	19,891
1961-62.....	66,090	—	1,320	756	712	2,338	15	—	483	21,814
1962-63.....	63,579	—	720	403	576	1,543	11	—	439	23,886
1963-64.....	63,001	—	710	260	942	1,508	19	—	444	24,080
1964-65.....	64,680	—	668	162	1,009	1,348	17	—	432	24,468
1965-66.....	57,891	—	606	96	1,155	1,099	5	—	437	21,856
1966-67.....	52,238	—	587	75	1,304	744	4	—	406	20,049
1967-68.....	46,645	—	658	103	804	²⁾	12	—	280	20,163
1968-69.....	41,735	—	679	²⁾	695	²⁾	—	—	423	17,128
<i>Percentage figures:</i>										
	%	%	%	%	%	%	%	%	%	%
1956-57.....	100.0	1.9	3.6	0.2	1.2	4.3	0.4	—	0.9	24.1
1957-58.....	100.0	2.9	3.3	0.2	1.3	3.6	0.1	—	0.8	29.3
1958-59.....	100.0	1.4	2.8	0.5	1.4	3.5	—	0.3	0.6	30.7
1959-60.....	100.0	1.5	2.8	1.3	—	3.3	—	—	0.6	29.2
1960-61.....	100.0	—	2.9	1.6	—	3.6	—	—	0.5	30.3
1961-62.....	100.0	—	2.0	1.1	1.1	3.5	—	—	0.7	33.0
1962-63.....	100.0	—	1.1	0.6	0.9	2.4	—	—	0.7	37.6
1963-64.....	100.0	—	1.1	0.4	1.5	2.4	—	—	0.7	38.2
1964-65.....	100.0	—	1.0	0.3	1.6	2.1	—	—	0.7	37.8
1965-66.....	100.0	—	1.0	0.2	2.0	1.9	—	—	0.7	37.8
1966-67.....	100.0	—	1.1	0.1	2.5	1.4	—	—	0.8	38.4
1967-68.....	100.0	—	1.4	0.2	1.7	—	—	—	0.6	43.2
1968-69.....	100.0	—	1.6	—	1.7	—	—	—	1.0	41.0

¹⁾ Including the catch of one company registered at Falkland Islands. ²⁾ No information.

in the years 1956/57—1968/69. All areas.

Number of whales killed.

Years.	Netherlands	New Zealand.	Norway.	Panama.	Peru.	Portugal.	Spain.	South Africa.	United Kingdom.	United States of America.	U.S.S.R.
<i>Absolute figures:</i>											
1956-57..	1,434	186	15,241	—	2,381	842	301	4,132	6,266	259	6,052
1957-58..	1,867	183	13,526	—	2,554	701	181	3,026	7,080	550	7,908
1958-59..	2,226	320	14,296	—	3,400	572	237	3,431	5,430	531	7,722
1959-60..	2,081	361	11,572	—	3,451	606	197	3,523	5,164	451	11,209
1960-61..	2,212	81	12,829	—	3,602	507	192	3,352	¹⁾ 5,813	438	11,018
1961-62..	1,628	35	9,681	—	3,301	583	198	3,947	¹⁾ 4,363	271	14,645
1962-63..	1,330	123	5,005	—	3,241	658	126	4,054	1,552	257	19,654
1963-64..	1,182	139	6,131	—	2,066	611	219	4,210	—	273	20,207
1964-65..	—	—	7,624	—	1,289	530	280	5,398	—	241	21,214
1965-66..	—	—	4,897	—	1,365	410	283	4,148	—	221	21,313
1966-67..	—	—	3,741	—	645	395	287	2,692	—	246	21,063
1967-68..	—	—	1,183	—	2,462	149	359	1,301	—	202	18,969
1968-69..	—	—	128	—	2,305	228	315	2,078	—	183	17,573
<i>Percentage figures:</i>											
	%	%	%	%	%	%	%	%	%	%	%
1956-57..	2.4	0.3	25.8	—	4.0	1.4	0.5	7.0	10.6	0.4	10.3
1957-58..	2.9	0.3	21.1	—	4.0	1.1	0.3	4.7	11.1	0.9	12.3
1958-59..	3.4	0.5	22.2	—	5.3	0.9	0.4	5.3	8.4	0.8	12.0
1959-60..	3.3	0.6	18.2	—	5.4	1.0	0.3	5.5	8.1	0.7	17.7
1960-61..	3.4	0.1	19.5	—	5.5	0.8	0.3	5.1	8.9	0.7	16.8
1961-62..	2.5	0.1	14.6	—	5.0	0.9	0.3	6.0	6.6	0.4	22.2
1962-63..	2.1	0.2	7.9	—	5.1	1.0	0.2	6.4	2.5	0.4	30.9
1963-64..	1.9	0.2	9.7	—	3.3	1.0	0.4	6.7	—	0.4	32.1
1964-65..	—	—	11.8	—	2.0	0.8	0.4	8.3	—	0.4	32.8
1965-66..	—	—	8.4	—	2.4	0.7	0.5	7.2	—	0.4	36.8
1966-67..	—	—	7.2	—	1.2	0.8	0.5	5.2	—	0.5	40.3
1967-68..	—	—	2.5	—	5.3	0.3	0.8	2.8	—	0.5	40.7
1968-69..	—	—	0.3	—	5.5	0.6	0.8	5.0	—	0.4	42.1

Table f.—Whaling results for the various countries

Oil production in barrels.¹⁾

Years.	All countries.	Argentina.	Australia.	Brazil.	Canada.	Chile.	Denmark.	France.	Iceland.	Japan.
<i>Absolute figures:</i>										
1956-57....	2,929,085	51,330	108,069	1,300	21,001	44,688	7,380	-	18,800	688,212
1957-58....	3,048,969	94,199	107,845	2,524	23,753	48,301	3,475	-	20,335	834,251
1958-59....	2,914,647	39,430	94,311	4,736	23,522	44,851	-	8,280	15,511	859,002
1959-60....	2,883,972	40,500	89,366	10,800	27	41,443	-	-	17,536	816,073
1960-61....	2,925,736	-	85,542	16,275	-	46,623	-	-	15,082	863,074
1961-62....	2,797,994	-	55,053	13,146	16,151	39,125	466	-	20,357	974,865
1962-63....	2,420,824	-	28,111	6,327	17,208	30,047	490	-	20,212	1,016,529
1963-64....	2,228,211	-	30,108	²⁾ 3,667	17,127	36,620	607	-	18,913	953,404
1964-65....	1,994,969	-	26,508	²⁾ 2,359	17,689	40,100	559	-	17,273	799,936
1965-66....	1,546,904	-	25,051	²⁾ 1,327	25,785	28,091	128	-	18,410	525,654
1966-67....	1,488,649	-	22,673	²⁾ 1,088	35,628	15,642	-	-	16,316	477,849
1967-68....	1,251,451	-	24,158	1,428	24,076	⁴⁾	412	-	12,368	473,117
1968-69....	1,212,294	-	27,045	⁴⁾	20,376	⁴⁾	-	-	16,518	432,633
<i>Percentage figures:</i>										
	%	%	%	%	%	%	%	%	%	%
1956-57....	100.0	1.8	3.7	0.1	0.7	1.5	0.3	-	0.6	23.5
1957-58....	100.0	3.1	3.5	0.1	0.8	1.6	0.1	-	0.7	27.4
1958-59....	100.0	1.4	3.2	0.2	0.8	1.5	-	0.3	0.5	29.5
1959-60....	100.0	1.4	3.1	0.4	-	1.4	-	-	0.6	28.3
1960-61....	100.0	-	2.9	0.6	-	1.6	-	-	0.5	29.5
1961-62....	100.0	-	2.0	0.5	0.6	1.4	-	-	0.7	34.8
1962-63....	100.0	-	1.2	0.3	0.7	1.2	-	-	0.8	42.0
1963-64....	100.0	-	1.4	0.2	0.8	1.6	-	-	0.8	42.8
1964-65....	100.0	-	1.3	0.2	0.9	2.0	-	-	0.9	40.1
1965-66....	100.0	-	1.6	0.1	1.7	1.8	-	-	1.2	34.0
1966-67....	100.0	-	1.5	0.1	2.4	1.1	-	-	1.1	32.1
1967-68....	100.0	-	1.9	0.1	1.9	-	-	-	1.0	37.8
1968-69....	100.0	-	2.2	-	1.7	-	-	-	1.4	35.7

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{8}$ long ton, 1 long ton = 1,016 kg.) ²⁾ Calculated. ³⁾ Including the

in the years 1956/57—1968/69. All areas.

Oil production in barrels.¹⁾

Years.	Nether-lands.	New Zealand.	Norway.	Panama.	Peru.	Portugal.	Spain.	South Africa.	United Kingdom.	United States of America.	U.S.S.R.
<i>Absolute figures:</i>											
1956-57.	94,193	8,640	1,011,085	-	45,745	21,374	6,247	170,542	381,931	9,145	239,403
1957-58.	116,497	8,235	861,806	-	56,315	17,173	4,310	89,401	400,705	12,775	347,069
1958-59.	126,488	16,338	834,143	-	74,785	15,295	5,260	94,090	293,760	15,759	349,086
1959-60.	143,050	15,184	690,944	-	75,426	15,449	5,263	102,786	288,117	12,586	519,422
1960-61.	139,774	4,100	754,077	-	76,644	13,899	²⁾ 5,123	88,345	³⁾ 306,199	11,435	499,544
1961-62.	90,305	1,538	581,652	-	67,189	16,622	4,440	96,783	³⁾ 212,977	7,439	599,586
1962-63.	80,407	5,111	236,849	-	60,903	17,500	2,963	95,284	79,222	5,631	718,030
1963-64.	63,332	5,713	258,164	-	40,745	16,056	6,010	89,153	-	8,343	680,199
1964-65.	-	-	232,102	-	30,878	15,452	9,527	106,004	-	7,044	689,538
1965-66.	-	-	132,587	-	27,411	11,680	²⁾ 8,472	93,987	-	5,465	642,856
1966-67.	-	-	106,876	-	11,418	11,599	²⁾ 8,566	63,792	-	6,556	710,646
1967-68.	-	-	37,041	-	42,466	3,535	9,020	39,122	-	3,319	581,389
1968-69.	-	-	6,435	-	46,978	5,364	²⁾ 8,740	50,657	-	4,533	593,015
<i>Percentage figures:</i>	%	%	%	%	%	%	%	%	%	%	%
1956-57.	3.2	0.3	34.5	-	1.6	0.7	0.2	5.8	13.0	0.3	8.2
1957-58.	3.8	0.3	28.3	-	1.8	0.6	0.1	2.9	13.1	0.4	11.4
1958-59.	4.3	0.6	28.6	-	2.6	0.5	0.2	3.2	10.1	0.5	12.0
1959-60.	5.0	0.5	24.0	-	2.6	0.5	0.2	3.6	10.0	0.4	18.0
1960-61.	4.8	0.1	25.8	-	2.6	0.5	0.2	3.0	10.4	0.4	17.1
1961-62.	3.2	-	20.8	-	2.4	0.6	0.2	3.5	7.6	0.3	21.4
1962-63.	3.3	0.2	9.8	-	2.5	0.7	0.1	3.9	3.3	0.3	29.7
1963-64.	2.8	0.3	11.6	-	1.8	0.7	0.3	4.0	-	0.4	30.5
1964-65.	-	-	11.6	-	1.5	0.8	0.5	5.3	-	0.4	34.5
1965-66.	-	-	8.6	-	1.8	0.7	0.5	6.1	-	0.3	41.6
1966-67.	-	-	7.2	-	0.8	0.8	0.6	4.3	-	0.4	47.7
1967-68.	-	-	3.0	-	3.4	0.3	0.7	3.1	-	0.3	46.5
1968-69.	-	-	0.5	-	3.9	0.4	0.7	4.2	-	0.4	48.9

production of one company registered at Falkland Islands. ⁴⁾ No information.

Table g.—Sperm-oil production in the years 1961/62—1968/69.

Grounds.	¹⁾ 1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
South Georgia	4,456	-	3,041	6,776	735	-	-	-
Antarctic, pelagic.....	204,783	202,288	273,130	173,154	186,279	216,778	104,544	113,764
Africa:—								
Natal	40,293	44,698	46,126	55,832	58,695	39,528	35,100	42,200
Cape Province.....	21,246	16,010	18,358	18,264	15,874	13,644	-	-
South Atlantic, pelagic.....	³⁾ 13,324	³⁾ 12,748	³⁾ 7,850	³⁾ 1,814	³⁾ 10,701	³⁾ 13,185	³⁾ 20,041	³⁾ 26,847
Brazil	2,300	823	37	251	307	306	518	-
North Atlantic and Arctic:—								
Azores	12,651	13,510	13,819	12,341	8,976	9,713	2,019	3,999
Madeira.....	3,971	3,990	2,237	3,111	2,704	1,886	1,516	1,365
Spain.....	3,682	2,587	5,122	3,469	²⁾ 4,294	²⁾ 4,388	5,340	3,860
Norway.....	4,040	5,388	2,135	1,040	1,620	1,064	51	5,820
Faroe Islands	366	448	299	299	37	-	265	-
Iceland.....	8,074	8,122	8,301	4,278	4,826	6,830	4,282	5,378
Newfoundland.....	-	-	-	-	36	-	-	342
Nova Scotia.....	-	-	161	-	-	72	-	-
Pacific North:—								
California	1,447	1,849	1,047	2,788	1,458	2,544	1,609	1,034
Oregon	-	-	12	-	-	-	-	-
British Columbia	4,615	4,329	2,868	3,819	6,446	7,425	-	-
Bering Sea.....	122,605	123,730	114,447	114,847	129,829	124,177	120,588	100,882
Kamchatka.....	70,534	170,293	163,458	270,506	285,058	318,404	275,859	290,487
Kuril Islands.....	24,661	13,106	9,794	-	-	-	-	-
Japan.....	32,423	38,248	35,789	39,595	50,785	58,600	75,056	79,300
Ryukyu Islands	-	8	-	-	-	-	-	-
Indian Ocean	³⁾ 7,801	³⁾ 41,915	³⁾ 52,048	³⁾ 53,032	³⁾ 40,288	³⁾ 25,111	³⁾ 14,531	³⁾ 28,519
South Pacific Ocean.....	³⁾ 4,053	³⁾ 26,812	³⁾ 37,671	³⁾ 14,045	³⁾ 4,842	³⁾ 1,201	-	-
Peru	67,189	60,903	39,734	22,214	16,547	6,521	26,947	36,663
Chile	37,360	28,109	25,069	4,627	16,565	9,654	-	-
Australia and New Zealand..	24,251	29,030	35,704	26,508	25,051	22,654	24,158	27,045
Total	716,125	848,944	898,257	832,610	871,953	883,685	712,424	767,505
<i>Of which produced by:</i>								
Norway	{	{	{	{	{	{	{	{
In Antarctic	68,754	39,367	44,530	50,711	30,379	24,370	2,520	-
Outside "	7,904	11,425	9,190	1,900	3,840	1,064	51	5,820
United Kingdom...	{	{	{	{	{	{	{	{
In Antarctic	⁴⁾ 19,843	12,331	-	-	-	-	-	-
Outside "	610	-	-	-	-	-	-	-
South Africa.....	{	{	{	{	{	{	{	{
Antarctic	61,539	60,708	64,484	74,096	74,569	53,172	35,100	42,200
In Antarctic	44,213	50,503	67,400	15,458	9,431	9,724	3,918	-
Outside "	165,340	218,323	208,241	159,227	184,726	183,436	195,644	188,860
Japan.....	{	{	{	{	{	{	{	{
In Antarctic	58,894	83,488	148,830	113,761	147,204	182,684	98,106	113,764
Outside "	105,587	201,600	205,761	333,752	334,557	357,242	310,431	337,175
U.S.S.R.....	{	{	{	{	{	{	{	{
In Antarctic	17,535	16,599	15,411	-	-	-	-	-
Outside "	-	892	-	-	-	-	-	-
Netherlands ..	{	{	{	{	{	{	{	{
In Antarctic	-	-	-	-	-	-	-	-
Outside "	-	-	-	-	-	-	-	-
Argentina	{	{	{	{	{	{	{	{
In Antarctic	-	-	-	-	-	-	-	-
Canada.....	{	{	{	{	{	{	{	{
Outside "	4,615	4,329	3,029	3,819	6,482	7,497	-	342
Portugal.....	{	{	{	{	{	{	{	{
Outside "	16,622	17,500	16,056	15,452	11,680	11,599	3,535	5,364

(Cont. on next page.)

¹⁾ 1961-62 = Antarctic season 1961-62 and summer 1962, a.s.o. ²⁾ Calculated. ³⁾ Produced by floating factories on their voyage to and from the Antarctic. ⁴⁾ Including the production of one company registered at Falkland Islands.

Table g (cont.)

Grounds	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Australia Outside Antarctic	24,155	24,286	30,108	26,508	25,051	22,654	24,158	27,045
Spain Outside Antarctic	3,682	2,587	5,122	3,469 ¹⁾	4,294 ¹⁾	4,388 ¹⁾	5,340 ¹⁾	3,860 ¹⁾
Denmark Outside "	366	448	299	299	37	-	265	-
Iceland Outside "	8,074	8,122	8,301	4,278	4,826	6,830	4,282	5,378
Peru Outside "	67,189	60,903	39,734	22,214	16,547	6,521	26,947	36,663
Chile Outside "	37,360	28,109	25,069	4,627	16,565	9,654 ²⁾	- ²⁾	-
Brazil Outside "	2,300	823	37	251	307	306	518 ²⁾	-
U.S.A. Outside "	1,447	1,857	1,059	2,788	1,458	2,544	1,609	1,034
New Zealand Outside "	96	4,744	5,596	-	-	-	-	-

¹⁾ Calculated. ²⁾ No information.

Table h.—Average size of whales killed in the different grounds in the years 1962 to 1969.

Species of whales and whaling grounds.	1969	1968	1967	1966	1965	1964	1963	1962
	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.
Blue-whales.								
Antarctic:—								
South Georgia	-	-	-	-	-	-	-	-
Pelagic whaling	-	-	59.75	86.00	69.70	70.43	73.06	75.33
Africa:—								
Natal	-	-	-	66.25	67.83	68.60	64.60	67.71
Cape Province	-	-	69.00	-	62.67	65.00	69.50	68.00
Brazil	-	-	-	-	-	-	-	68.00
North Atlantic and Arctic:								
Norway	-	-	-	-	-	59.00	-	71.00
Faroe Islands	-	-	-	-	73.00	-	-	-
Nova Scotia	-	-	-	70.00	-	-	-	-
Pacific North:—								
California	-	-	-	-	75.75	72.00	72.17	66.50
British Columbia	-	-	-	-	69.00	64.00	71.63	72.93
Bering Sea	-	-	-	-	75.73	76.33	76.67	78.15
Kamtschatka	-	-	-	-	73.86	74.56	74.01	74.26
Kuril Islands	-	-	-	-	-	-	73.00	73.82
Japan	-	-	-	-	-	67.57	74.50	69.00
Chile	-	-	69.38	69.26	70.35	70.61	68.81	67.18
Australia	-	-	-	-	-	-	68.00	66.25
Fin-whales.								
Antarctic:—								
South Georgia	-	-	-	64.13	66.92	66.89	-	62.94
Pelagic whaling	66.63	66.92	66.32	65.75	65.48	66.79	66.16	66.49
Africa:—								
Natal	61.28	62.01	61.81	61.79	61.16	60.56	60.60	59.67
Cape Province	-	-	61.74	59.16	55.32	59.24	56.89	59.40
Brazil	-	-	-	-	-	-	63.50	61.10

Table h (cont.).

Species of whales and whaling grounds.	1969	1968	1967	1966	1965	1964	1963	1962
	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.
North Atlantic and Arctic:								
Norway	57.69	61.18	59.94	62.04	60.97	61.26	58.43	60.16
Faroe Islands.....	—	62.17	—	60.33	60.80	60.85	62.33	57.00
Iceland	61.11	62.44	60.46	60.99	60.52	60.67	60.82	59.27
Newfoundland	59.33	59.68	58.13	59.03	60.50	55.00	—	—
Nova Scotia	56.73	56.05	56.19	56.11	57.54	56.39	—	—
Pacific North:—								
California	58.48	58.95	60.41	60.67	59.14	60.06	61.56	59.43
Oregon	—	—	—	—	53.00	—	59.40	54.00
British Columbia	—	—	58.86	58.14	55.90	57.35	58.05	56.90
Bering Sea	60.85	60.84	60.81	60.18	60.65	61.46	61.37	61.68
Kamtchatka	60.85	60.39	60.45	60.23	59.77	60.81	60.02	59.60
Kuril Islands.....	—	—	—	—	—	60.24	60.48	60.67
Japan	60.58	58.25	59.03	59.14	58.79	56.95	57.04	57.08
Chile	—	—	50.29	57.70	58.28	56.63	51.82	52.26
New Zealand.....	—	—	—	—	—	56.00	—	—
<u>Humpbacks.</u>								
Antarctic:—								
Pelagic whaling	—	—	—	43.00	—	40.00	41.56	41.37
Africa:—								
Natal	—	—	—	—	—	—	38.19	38.78
Cape Province.....	—	—	—	—	—	—	37.33	41.22
Brazil	—	—	—	—	—	—	42.83	44.91
North Atlantic and Arctic:								
Faroe Islands	—	—	—	—	—	48.00	—	—
Newfoundland	—	—	—	—	35.00	—	—	—
Greenland	—	—	39.25	—	—	—	—	39.00
Pacific North:—								
California	—	—	—	—	39.75	41.44	40.16	42.03
Oregon	—	—	—	—	—	—	—	—
British Columbia.....	—	—	—	—	40.06	37.70	39.38	40.75
Bering Sea	—	—	—	—	41.08	—	42.20	42.29
Kamtchatka	—	—	—	—	39.92	40.51	40.34	40.74
Kuril Islands.....	—	—	—	—	—	—	36.60	37.50
Japan	—	—	—	—	41.67	37.00	38.67	47.00
Ryukyu Islands	—	—	—	—	—	—	—	38.63
Chile	—	—	—	42.00	38.00	—	36.00	37.00
Australia	—	—	—	—	—	—	38.16	38.30
New Zealand.....	—	—	—	—	—	—	40.33	39.06
<u>Sei-whales.</u>								
Antarctic:—								
South Georgia	—	—	—	53.00	49.82	49.81	—	48.63
Pelagic whaling.....	47.97	48.16	47.91	48.04	49.28	49.62	49.81	50.30
Africa:—								
Natal	42.67	43.20	43.02	43.31	43.96	43.91	43.95	43.44
Cape Province	—	—	45.53	44.09	42.05	44.26	44.09	45.75

Table h (cont.).

Species of whales and whaling grounds.	1969	1968	1967	1966	1965	1964	1963	1962
	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.
Brazil	—	48.83	48.20	49.25	49.75	49.90	49.07	49.31
North Atlantic and Arctic:								
Norway	—	—	—	46.00	—	—	—	40.00
Iceland	44.87	47.67	44.15	44.76	44.11	44.30	43.65	45.30
Newfoundland	—	44.00	44.57	—	49.00	49.00	—	—
Nova Scotia	44.51	44.52	44.76	46.63	—	—	—	—
Pacific North:—								
California	44.30	44.86	46.00	43.88	46.45	46.00	45.56	46.45
British Columbia	—	—	43.53	42.00	42.73	44.00	44.28	44.48
Bering Sea	—	45.31	45.47	45.52	45.84	45.72	46.07	46.88
Kamchatka	44.82	44.17	45.94	44.96	45.55	46.34	46.95	42.33
Kuril Islands	—	—	—	—	—	46.41	45.88	46.68
Japan	44.96	43.84	43.11	43.05	43.84	42.28	42.69	41.67
Chile	—	—	42.99	43.92	43.74	44.29	45.67	37.88
Australia	—	—	55.00	—	—	—	43.00	40.50
New Zealand	—	—	—	—	—	—	—	—
Sperm-whales.								
Antarctic:—								
South Georgia	—	—	—	46.40	48.35	48.67	—	46.65
Pelagic whaling	45.48	45.09	46.35	45.34	45.62	45.30	46.36	46.26
Africa:—								
Natal	36.29	39.20	36.99	38.26	37.08	37.79	38.26	38.29
Cape Province	—	—	36.05	36.78	36.28	37.51	37.28	37.03
South Atlantic, pelagic...	—	—	42.09	43.29	44.41	39.44	40.32	43.58
Brazil	—	37.15	37.90	38.08	40.85	37.75	38.18	40.56
North Atlantic and Arctic:								
Azores	—	—	—	40.80	42.13	39.96	39.86	—
Madeira	—	—	—	36.31	35.24	34.38	39.38	—
Norway	49.32	44.00	48.86	49.44	48.48	49.21	50.15	48.16
Faroe Islands	—	49.17	—	44.00	46.67	53.00	48.75	51.00
Iceland	49.41	51.00	50.48	50.88	51.36	51.21	50.92	51.06
Newfoundland	—	—	—	47.00	—	—	45.00	—
Nova Scotia	—	—	50.50	—	—	49.00	—	—
Pacific North:—								
California	38.62	38.00	38.80	39.70	40.19	39.05	41.34	40.18
Oregon	—	—	—	—	—	36.00	—	—
British Columbia	—	—	37.17	38.83	37.77	38.08	39.80	39.09
Bering Sea	42.23	42.89	43.49	43.80	46.09	45.59	44.67	46.31
Kamchatka	—	41.81	42.62	41.87	42.46	41.50	41.85	41.89
Kuril Islands	—	—	—	—	—	38.09	37.07	37.35
Japan	37.25	36.03	36.57	37.37	37.64	36.96	37.66	36.85
Ryukyu Islands	—	—	—	—	—	—	37.00	—
South Pacific Ocean, pel...	—	41.19	42.61	39.11	42.47	40.15	39.85	40.53
Indian Ocean, pel	—	41.60	40.73	40.61	41.57	41.01	39.42	39.08
Peru	—	—	—	—	—	—	—	—
Chile	—	—	36.96	36.74	34.46	34.89	34.47	34.53
Australia	42.74	41.83	43.00	43.37	42.31	42.58	42.35	43.55
New Zealand	—	—	—	—	—	44.84	46.74	43.00

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.	Floating factories.	Catchers.	
<i>North Atlantic and Arctic. Total</i>	1957	11	672	1	85	210	—	979	33,802	6	—	17	
	1958	5	491	4	98	288	—	886	32,971	6	—	16	
	1959	6	372	—	76	152	—	606	24,153	4	—	11	
	1960	—	289	1	44	262	—	596	26,188	4	—	13	
	1961	—	304	1	65	238	—	608	23,912	3	—	10	
	1962	1	454	2	47	234	—	738	29,843	5	—	13	
	1963	—	328	—	20	252	—	600	27,315	4	—	11	
	1964	1	325	1	90	196	—	613	24,154	5	—	13	
	1965	1	545	1	76	103	—	726	25,384	6	—	13	
	1966	1	795	—	50	125	—	971	34,604	5	—	12	
	1967	—	1,018	4	110	143	—	1,275	42,508	6	—	13	
	1968	—	984	—	107	82	—	1,173	39,657	7	—	15	
	1969	—	800	5	222	219	—	1,246	43,329	6	—	13	
<i>Norway.</i>	1957	—	139	—	1	30	—	170	5,862	2	—	6	
	1958	—	123	—	6	92	—	221	7,581	2	—	6	
	1959	—	180	—	4	31	—	215	7,897	2	—	6	
	1960	—	128	—	2	84	—	214	8,625	3	—	9	
	1961	—	162	—	6	88	—	256	8,830	2	—	6	
	1962	1	145	—	3	91	—	240	9,020	3	—	8	
	1963	—	42	—	—	107	—	149	6,613	2	—	6	
	1964	1	38	—	—	49	—	88	3,677	2	—	6	
	1965	—	106	—	—	27	—	133	4,885	2	—	4	
	1966	—	54	—	1	36	—	91	3,671	1	—	3	
	1967	—	34	—	—	22	—	56	2,193	2	—	4	
	1968	—	76	—	—	1	—	77	2,801	2	—	4	
1969	—	16	—	1	111	—	128	6,435	2	—	4		
<i>Faroe Islands.</i>	1957	—	141	1	—	57	—	199	6,016	1	—	5	
	1958	—	16	—	1	40	—	57	2,424	1	—	4	
	—	—	—	—	—	—	—	—	—	—	—	—	
	1962	—	6	—	—	7	—	13	466	1	—	1	
	1963	—	3	—	—	8	—	11	490	1	—	1	
	1964	—	13	1	—	5	—	19	607	1	—	1	
	1965	1	10	—	—	6	—	17	559	1	—	1	
	1966	—	4	—	—	1	—	5	128	1	—	1	
	1967	—	—	—	—	—	—	—	—	—	—	—	
	1968	—	6	—	—	6	—	12	412	1	—	1	
<i>Iceland.</i>	1957	10	348	—	78	81	—	517	18,800	1	—	4	
	1958	5	289	—	91	123	—	508	20,335	1	—	4	
	1959	6	178	—	67	120	—	371	15,511	1	—	4	
	1960	—	160	—	42	177	—	379	17,536	1	—	4	
	1961	—	142	—	58	150	—	350	15,083	1	—	4	
	1962	—	303	—	44	136	—	483	20,357	1	—	4	
	1963	—	383	—	20	136	—	439	20,212	1	—	4	
	1964	—	217	—	89	138	—	444	18,913	1	—	4	

(Cont. on next page.)

¹⁾ Barrel = 170 kg. (Barrel = abt. 1/4 long ton).

Table i (cont.).

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
<i>Iceland (cont.)</i>	1965	-	288	-	74	70	-	432	17,273	1	-	4	
	1966	-	310	-	41	86	-	437	18,410	1	-	4	
	1967	-	239	-	48	119	-	406	16,316	1	-	4	
	1968	-	202	-	3	75	-	280	12,368	1	-	4	
	1969	-	251	-	69	103	-	423	16,518	1	-	4	
<i>West Greenland.</i>	1957	1	21	-	1	28	-	51	1,364	1	-	1	
	1958	-	8	-	-	26	-	34	1,051	1	-	1	
	1960	-	-	1	-	-	-	1	-	-	-	1	
	1961	-	-	1	-	-	-	1	-	-	-	-	
	1962	-	-	2	-	-	-	2	-	-	-	-	
	1967	-	-	4	-	-	-	4	-	-	-	-	
<i>Nova Scotia.</i>	1964	-	56	-	-	4	-	60	957	1	-	2	
	1965	-	135	-	-	-	-	135	2,667	2	-	4	
	1966	1	263	-	8	-	-	272	8,068	1	-	3	
	1967	-	309	-	55	2	-	366	11,051	1	-	3	
	1968	-	262	-	100	-	-	362	8,824	1	-	3	
	1969	-	157	-	149	-	-	306	7,033	1	-	2	
<i>Newfoundland and Labrador.</i>	1957	-	23	-	5	14	-	42	1,760	1	-	1	
	1958	-	55	4	-	7	-	66	1,580	1	-	1	
	1959	-	14	-	5	1	-	20	745	1	-	1	
	1960	-	1	-	-	1	-	2	27	-	-	-	
	1961	-	-	-	1	-	-	1	-	-	-	-	
	1963	-	-	-	-	1	-	1	-	-	-	-	
	1964	-	1	-	1	-	-	2	-	-	-	-	
	1965	-	6	1	2	-	-	9	-	-	-	-	
	1966	-	164	-	-	2	-	166	4,327	1	-	1	
	1967	-	436	-	7	-	-	443	12,948	2	-	2	
	1968	-	438	-	4	-	-	442	15,252	2	-	3	
	1969	-	376	5	3	5	-	389	13,343	2	-	3	

Table j.—Azores.

Years	Species of whales caught.							Oil production.	Expeditions. ¹⁾		
	Blue.	Fin.	Hump-back	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1957	-	-	-	-	671	-	671	16,536	-	-	-
1958	-	-	-	-	527	-	527	13,953	-	-	-
1959	-	-	-	-	485	-	485	12,148	-	-	-
1960	-	-	-	-	438	-	438	11,636	-	-	-
1961	-	-	-	-	374	-	374	10,534	-	-	-
1962	-	-	-	-	412	-	412	12,651	-	-	-
1963	-	-	-	-	472	-	472	13,510	-	-	-
1964	-	-	-	-	478	-	478	13,819	-	-	-
1965	-	-	-	-	379	-	379	12,341	-	-	-
1966	-	-	-	-	297	-	297	8,976	-	-	-
1967 ²⁾	-	-	-	-	310	-	310	9,713	-	-	-
1968	-	-	-	-	71	-	71	2,019	-	-	-
1969	-	-	-	-	145	-	145	3,999	-	-	-

¹⁾ Several small shore stations. Whaling is carried on with rowing boats, and the whales are towed to shore by gasoline launches. ²⁾ Excl. the catch from San Miguel and San Jorge.

Table k.—Madeira.

Years	Species of whales caught.							Oil production.	Expeditions. ¹⁾		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1957	—	2	1	—	168	—	171	4,838	—	—	—
1958	—	—	—	—	174	—	174	3,215	—	—	—
1959	—	—	—	—	86	²⁾ 1	87	3,147	—	—	—
1960	—	—	—	—	168	—	168	3,813	—	—	—
1961	—	—	4	—	129	—	133	3,365	—	—	—
1962	—	—	—	—	171	—	171	3,971	—	—	—
1963	—	—	—	—	186	—	186	3,990	—	—	—
1964	—	—	—	—	133	—	133	2,237	—	—	—
1965	—	—	—	—	151	—	151	3,111	—	—	—
1966	—	—	—	—	113	—	113	2,704	—	—	—
1967	—	—	—	—	85	—	85	1,886	—	—	—
1968	—	—	—	—	78	—	78	1,516	—	—	—
1969	—	—	—	—	83	—	83	1,365	—	—	—

¹⁾ Several small shore stations. Whaling is carried on with rowing boats, and the whales are towed to shore by gasoline launches. ²⁾ Right-whale.

Table l.—Spain.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1957	—	—	—	—	241	¹⁾ 60	301	6,247	3	—	5
1958	—	4	—	3	149	¹⁾ 25	181	4,310	3	—	5
1959	—	—	—	—	182	¹⁾ 55	237	5,260	3	—	5
1960	—	—	—	—	122	¹⁾ 75	197	5,263	2	—	3
1961	—	—	—	—	98	¹⁾ 94	192	²⁾ 5,123	2	—	3
1962	—	—	—	—	167	¹⁾ 31	198	4,440	2	—	3
1963	—	—	—	—	113	¹⁾ 13	126	2,963	2	—	3
1964	—	—	—	—	182	¹⁾ 37	219	6,010	2	—	3
1965	—	—	—	—	164	¹⁾ 116	280	9,527	2	—	3
1966	—	—	—	—	203	¹⁾ 80	283	²⁾ 8,472	3	—	3?
1967	—	—	—	—	207	¹⁾ 80	287	²⁾ 8,566	3	—	3?
1968	—	—	—	—	267	¹⁾ 92	359	9,020	3	—	3
1969	—	—	—	—	193	¹⁾ 122	315	²⁾ 8,740	3	—	3

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

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

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

1957	—	—	—	—	53	—	53	2,554	—	¹⁾ (2)	¹⁾ —
1958	—	—	—	—	16	—	16	415	—	¹⁾ (1)	¹⁾ —
1959	—	—	—	—	16	—	16	309	—	¹⁾ (3)	¹⁾ —
1960	—	—	—	—	34	—	34	989	—	¹⁾ (1)	¹⁾ —
1961	—	—	—	—	121	—	121	3,655	—	¹⁾ (5)	¹⁾ —
1962	—	—	—	—	358	—	358	13,324	—	¹⁾ (6)	¹⁾ —
1963	—	—	—	—	435	—	435	12,748	—	¹⁾ (7)	¹⁾ —
1964	—	—	—	—	442	—	442	7,850	—	¹⁾ (5)	¹⁾ —
1965	—	—	—	—	51	—	51	1,814	—	¹⁾ (4)	¹⁾ —
1966	—	—	—	—	334	—	334	10,701	—	¹⁾ (4)	¹⁾ —
1967	—	—	—	—	420	—	420	13,185	—	¹⁾ (2)	¹⁾ —
1968	—	—	—	—	655	—	655	20,041	—	¹⁾ (3)	¹⁾ —
1969	—	—	—	—	907	—	907	26,847	—	¹⁾ (2)	¹⁾ —

¹⁾ The matériel is included in the Antarctic statistics.

Table n.—Africa.

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
<i>Africa. Total.</i>	1957	9	901	37	323	1,232	¹⁾ 34	2,536	83,956	2	-	15	
	1958	7	943	41	577	1,432	¹⁾ 26	3,026	89,401	2	-	16	
	1959	3	964	205	908	1,489	¹⁾ 40	3,609	102,370	3	-	18	
	1960	7	993	40	681	1,793	¹⁾ 9	3,523	102,786	2	-	17	
	1961	9	823	40	703	1,769	¹⁾ 8	3,352	88,345	2	-	17	
	1962	8	541	46	707	2,581	¹⁾ 64	3,947	96,783	2	-	16	
	1963	7	402	40	1,090	2,462	¹⁾ 53	4,054	95,284	2	-	18	
	1964	6	301	-	955	2,841	¹⁾ 107	4,210	89,153	2	-	15	
	1965	9	380	-	1,223	3,606	¹⁾ 180	5,398	106,004	2	-	17	
	1966	4	231	-	690	3,119	¹⁾ 104	4,148	93,987	2	-	17	
	1967	1	151	-	218	2,256	¹⁾ 66	2,692	63,792	2	-	15	
	1968	-	62	-	24	1,211	¹⁾ 4	1,301	39,122	1	-	7	
	1969	-	150	-	40	1,885	¹⁾ 3	2,078	50,657	1	-	7	
	<i>Natal.</i>	1957	5	758	34	60	763	-	1,620	63,883	1	-	11
1958		3	674	39	172	738	-	1,626	59,801	1	-	11	
1959		3	607	38	379	824	-	1,851	60,440	1	-	11	
1960		6	738	36	183	1,024	-	1,987	68,736	1	-	11	
1961		6	622	36	475	1,004	-	2,143	60,924	1	-	11	
1962		7	489	37	319	1,640	-	2,492	67,809	1	-	11	
1963		5	346	37	369	1,771	¹⁾ 3	2,531	69,148	1	-	12	
1964		5	272	-	282	2,113	-	2,672	61,760	1	-	10	
1965		6	361	-	459	2,814	-	3,640	78,656	1	-	12	
1966		4	199	-	273	2,435	¹⁾ 4	2,915	72,023	1	-	12	
1967		-	124	-	66	1,626	¹⁾ 6	1,822	46,192	1	-	10	
1968		-	62	-	24	1,211	¹⁾ 4	1,301	39,122	1	-	7	
1969	-	150	-	40	1,885	¹⁾ 3	2,078	50,657	1	-	7		
<i>Cape Province.</i>	1957	4	143	3	263	469	¹⁾ 34	916	20,073	1	-	4	
	1958	4	269	2	405	694	¹⁾ 26	1,400	29,600	1	-	5	
	1959	-	357	7	525	651	¹⁾ 40	1,580	33,650	1	-	5	
	1960	1	255	4	498	769	¹⁾ 9	1,536	34,050	1	-	6	
	1961	3	201	4	228	765	¹⁾ 8	1,209	27,421	1	-	6	
	1962	1	52	9	388	941	¹⁾ 64	1,455	28,974	1	-	5	
	1963	2	56	3	721	691	¹⁾ 50	1,523	26,136	1	-	6	
	1964	1	29	-	673	728	¹⁾ 107	1,538	27,393	1	-	5	
	1965	3	19	-	764	792	¹⁾ 180	1,758	27,348	1	-	5	
1966	-	32	-	417	684	¹⁾ 100	1,233	21,964	1	-	5		
1967	1	27	-	152	630	¹⁾ 60	870	17,600	1	-	5		
<i>Gabon</i> ²⁾	1959	-	-	160	4	14	-	178	8,280	1	-	2	

¹⁾ Bryde-whales. ²⁾ Earlier French Congo.

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

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
<i>Pacific North. Total.</i>	1957	15	306	271	94	204	—	890	28,386	3	—	11	
	1958	34	682	445	41	120	—	1,322	34,948	6	—	15	
	1959	33	475	384	224	284	—	1,400	38,536	6	—	17	
	1960	1	138	234	48	30	—	451	12,586	5	—	14	
	1961	2	118	154	51	113	—	438	11,435	5	—	12	
	1962	29	281	79	362	232	—	983	23,590	7	—	18	
	1963	36	241	79	251	225	—	832	22,839	5	—	12	
	1964	14	288	37	625	169	1)	20	1,153	24,513	4	—	11
	1965	13	197	22	626	248	—	1,106	22,066	4	—	11	
	1966	—	176	—	414	294	2)	54	938	18,855	3	—	10
	1967	—	146	—	92	404	1)	99	741	18,185	2	—	8
	1968	—	38	—	14	84	1)	66	202	3,319	1	—	3
	1969	—	31	—	10	68	1)	74	183	4,533	1	—	3
<i>California.</i>	1957	—	22	199	1	14	—	236	8,741	1	—	3	
	1958	26	109	115	2	8	—	260	8,518	2	—	4	
	1959	5	106	140	39	17	—	307	10,430	2	—	5	
	1960	1	138	67	47	16	—	269	8,743	2	—	5	
	1961	2	118	62	51	101	—	334	9,148	2	—	5	
	1962	2	123	39	22	60	—	246	6,981	2	—	5	
	1963	6	16	55	97	77	—	251	5,554	2	—	5	
	1964	2	147	27	13	63	1)	20	272	8,331	2	—	5
	1965	4	113	4	22	97	—	240	7,038	2	—	5	
	1966	—	42	—	60	65	2)	54	221	5,465	2	—	5
	1967	—	44	—	3	100	1)	99	246	6,556	1	—	3
1968	—	38	—	14	84	1)	66	202	3,319	1	—	3	
1969	—	31	—	10	68	1)	74	183	4,533	1	—	3	
<i>Oregon.</i>	1961	—	—	2	—	3	—	5	106	1	—	1	
	1962	—	1	—	—	—	—	1	6	1	—	1	
	1963	—	5	—	—	—	—	5	69	1	—	1	
	1964	—	—	—	—	1	—	1	12	1	—	1	
	1965	—	1	—	—	—	—	1	6	1	—	1	
<i>British Columbia.</i>	1957	15	284	49	93	190	—	631	19,241	1	—	6	
	1958	8	573	40	39	112	—	772	22,173	1	—	6	
	1959	28	369	27	185	260	—	869	22,777	1	—	6	
	1962	27	157	16	340	172	—	712	16,151	1	—	6	
	1963	30	220	24	154	147	—	575	17,208	1	—	5	
	1964	12	141	10	612	105	—	880	16,170	1	—	5	
	1965	9	83	18	604	151	—	865	15,022	1	—	5	
	1966	—	134	—	354	229	—	717	13,390	1	—	5	
1967	—	102	—	89	304	—	495	11,629	1	—	5		
<i>Ryukyu Islands (Okinawa)</i>	1957	—	—	23	—	—	—	23	404	1	—	2	
	1958	—	—	290	—	—	—	290	4,257	3	—	5	
	1959	—	—	217	—	7	—	224	5,329	3	—	6	
	1960	—	—	167	1	14	—	182	3,843	3	—	9	
	1961	—	—	90	—	9	—	99	2,181	2	—	6	
	1962	—	—	24	—	—	—	24	452	3	—	6	
	1963	—	—	—	—	1	—	1	8	1	—	1	

1) Grey-whales. 2) 52 Grey-whales and 2 Bryde-whales.

Table p.—Japan.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1957	5	260	5	478	2,361	—	3,109	44,427	17	—	25
1958	7	222	4	823	2,588	—	3,644	60,966	20	—	25
1959	5	127	4	1,340	2,104	—	3,530	52,648	19	—	25
1960	1	131	2	788	2,107	—	3,029	48,403	19	—	24
1961	3	71	4	782	2,101	—	2,961	44,665	18	—	25
1962	5	39	1	1,229	1,685	—	2,959	44,409	15	—	25
1963	2	67	3	855	1,714	—	2,641	48,692	13	—	21
1964	7	120	1	854	1,800	²⁾ 19	2,801	45,540	13	—	22
1965	—	71	3	466	1,800	—	2,340	44,917	8	—	17
1966	—	104	—	291	2,101	²⁾ 20	2,516	55,523	9	—	17
1967	—	95	—	536	2,635	²⁾ 21	3,287	65,989	9	—	18
1968	—	53	—	806	3,747	³⁾ 173	4,779	86,046	8	—	14
1969	—	76	—	466	3,668	²⁾ 89	4,299	87,124	7	—	14

¹⁾ Right-whales. ²⁾ Bryde-whales. ³⁾ 171 Bryde-whales and 2 right-whales.

Table q.—North Pacific Ocean and Bering Sea.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1957	70	1,405	—	166	1,700	—	3,341	148,824	—	2	15
1958	70	1,331	24	330	1,500	—	3,255	145,436	—	2	15
1959	70	1,450	—	32	1,800	—	3,352	160,224	—	2	17
1960	70	1,393	—	203	1,800	—	3,466	150,529	—	2	15
1961	70	1,452	9	4	1,800	¹⁾ 3	3,338	151,059	—	2	15
1962	48	1,166	17	260	2,549	¹⁾ 3	4,043	184,249	—	3	21
1963	57	1,045	10	945	2,700	¹⁾ 3	4,760	194,654	—	3	21
1964	42	1,007	—	1,533	2,461	—	5,043	183,183	—	3	21
1965	49	1,406	40	1,398	2,460	—	5,353	200,406	—	3	25
1966	—	1,266	—	2,208	3,000	—	6,474	209,411	—	3	31
1967	—	844	—	3,474	3,000	—	7,318	218,724	—	3	26
1968	—	729	—	3,819	3,000	—	7,548	213,735	—	3	32
1969	—	576	—	3,591	3,000	—	7,167	174,900	—	3	27

¹⁾ Right-whales.

Table r.—Kamtchatka.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1957	9	81	50	36	1,174	—	1,350	49,282	—	1	7
1958	—	39	10	19	1,430	—	1,498	60,013	—	1	7
1959	22	132	74	93	1,560	—	1,881	76,029	—	1	9
1960	—	128	57	59	2,228	—	2,472	96,090	—	1	9
1961	2	79	314	54	1,868	—	2,317	87,040	—	1	¹⁾ 15
1962	19	438	1,213	303	1,955	—	3,928	116,183	—	2	28
1963	347	1,060	2,242	514	5,125	—	9,288	287,555	—	4	²⁾ 46
1964	77	2,500	242	595	5,432	³⁾ 1	8,847	272,040	—	4	46
1965	72	1,492	243	695	8,196	—	10,698	339,061	—	4	49
1966	—	1,347	—	1,545	9,476	—	12,368	332,369	—	4	43
1967	—	1,188	—	1,997	9,430	—	12,615	368,302	—	4	35
1968	—	1,064	—	1,105	9,542	—	11,711	327,896	—	3	32
1969	—	593	—	1,091	8,211	—	9,895	322,436	—	3	31

¹⁾ Incl. 4 catchers which also operated from Kuril Islands. ²⁾ Incl. 2 catchers which also operated from Kuril Islands. ³⁾ Right-whale.

Table s.—Kuril Islands.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
								Barrels.			
1957	44	173	2	108	1,821	-	2,148	52,415	4	-	14
1958	14	328	4	336	2,184	-	2,866	62,478	4	-	22
1959	19	223	5	131	1,878	-	2,256	52,143	3	-	19
1960	14	265	3	140	1,487	-	1,909	45,032	3	-	13
1961	15	156	19	52	1,401	-	1,643	34,535	3	-	15
1962	11	77	2	79	1,347	-	1,516	28,570	2	-	10
1963	1	90	5	16	659	-	771	16,269	2	-	5
1964	-	76	-	35	452	-	563	12,382	2	-	4

Table t.—Brazil.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.
								Barrels.			
1957	-	-	-	115	2	¹⁾ 5	122	1,300	2	-	3
1958	-	1	5	118	4	-	128	2,524	1	-	2
1959	-	-	8	294	11	-	313	4,736	1	-	3
1960	-	21	13	750	29	-	813	10,800	2	-	5
1961	-	10	13	958	102	-	1,083	16,275	2	-	4
1962	1	49	11	610	85	-	756	13,446	2	-	3
1963	-	4	12	346	42	-	404	6,327	2	-	3
1964	-	-	-	256	4	-	260	²⁾ 3,667	1	-	1
1965	-	-	-	149	13	-	162	²⁾ 2,359	1	-	1
1966	-	-	-	72	24	-	96	²⁾ 1,327	1	-	1
1967	-	-	-	55	20	-	75	²⁾ 1,088	1	-	1
1968	-	-	-	64	39	-	103	²⁾ 1,428	1	-	1
1969 ³⁾	-	-	-	-	-	-	-	-	-	-	-

¹⁾ No specification. ²⁾ Calculated. ³⁾ No information.

Table u.—Peru.

Years.	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.	Oil production.	Shore stations.	Float-ing factories.	Catch-ers.
								Barrels.			
1957	-	-	-	-	2,381	-	2,381	45,745	3	-	8
1958	-	-	-	-	2,554	-	2,554	56,315	3	-	8
1959	-	-	-	1	3,399	-	3,400	74,785	3	-	8
1960	-	-	-	-	3,451	-	3,451	75,426	3	-	8
1961	-	-	-	-	3,602	-	3,602	76,644	3	-	8
1962	-	-	-	-	3,301	-	3,301	67,189	3	-	9
1963	-	-	-	-	3,241	-	3,241	60,903	3	-	9
1964	1	6	35	1	2,023	-	2,066	40,745	3	-	10
1965	78	150	137	2	922	-	1,289	30,878	1	-	5
1966	109	343	51	-	862	-	1,365	27,411	1	-	4
1967	-	116	-	26	503	-	645	11,418	1	-	4
1968	-	183	2	664	1,613	-	2,462	42,466	1	-	3
1969	-	74	-	784	1,447	-	2,305	46,978	1	-	5

Table v.—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.
1957	100	69	5	39	2,299	—	2,512	44,688	2	—	13
1958	166	73	—	16	2,062	—	2,317	48,301	3	—	13
1959	80	70	3	17	2,062	¹⁾ 1	2,233	44,851	3	—	14
1960	131	52	2	13	1,886	—	2,084	41,443	3	—	16
1961	142	16	3	13	2,160	—	2,334	46,623	3	—	10
1962	11	34	4	9	2,280	—	2,338	39,125	2	—	10
1963	31	11	1	6	1,494	—	1,543	30,047	2	—	10
1964	112	136	—	47	1,213	—	1,508	36,620	3	—	13
1965	371	265	6	439	267	—	1,348	40,100	2	—	10
1966	128	84	7	210	669	¹⁾ 1	1,099	28,091	2	—	11?
1967	65	7	—	139	533	—	744	15,642	2	—	8

¹⁾ Right-whales.Table w.—South Pacific Ocean. (North of 40° South Lat.)¹⁾

1957	—	—	—	—	48	—	48	1,712	—	²⁾ (1)	²⁾ —
1962	—	—	—	—	164	—	164	4,053	—	²⁾ (1)	²⁾ —
1963	—	—	—	—	1,219	—	1,219	26,812	—	²⁾ (1)	²⁾ —
1964	—	—	—	—	1,779	—	1,779	37,671	—	²⁾ (2)	²⁾ —
1965	—	—	—	—	400	—	400	14,045	—	²⁾ (1)	²⁾ —
1966	—	—	—	—	160	—	160	4,842	—	²⁾ (1)	²⁾ —
1967	—	—	—	—	36	—	36	1,201	—	²⁾ (1)	²⁾ —

¹⁾ Catch by fl. factories outside the Antarctic grounds. ²⁾ Incl. in the Antarctic statistics.Table x.—Indian Ocean. (North of 40° South Lat.)¹⁾

1957	—	—	—	—	23	—	23	742	—	²⁾ (2)	²⁾ —
1962	—	—	—	—	371	—	371	7,801	—	²⁾ (6)	²⁾ —
1963	—	—	—	—	2,005	—	2,005	41,915	—	²⁾ (12)	²⁾ —
1964	—	—	—	—	2,095	—	2,095	52,048	—	²⁾ (8)	²⁾ —
1965	—	—	—	—	1,768	—	1,768	53,032	—	²⁾ (7)	²⁾ —
1966	—	—	—	—	1,440	³⁾ 3	1,443	40,228	—	²⁾ (6)	²⁾ —
1967	—	—	—	—	896	—	896	25,111	—	²⁾ (3)	²⁾ —
1968	—	—	—	—	465	—	465	14,531	—	²⁾ (3)	²⁾ —
1969	—	—	—	—	955	—	955	28,519	—	³⁾ (5)	²⁾ —

¹⁾ Catch by fl. factories outside the Antarctic grounds. ²⁾ Incl. in the Antarctic statistics. ³⁾ Bryde-whale.

Table y.—Australia.

1957	—	—	1,961	—	139	—	2,100	108,069	5	—	12
1958	2	—	1,807	—	283	¹⁾ 3	2,095	107,845	5	—	13
1959	12	1	1,660	—	138	—	1,811	94,311	5	—	13
1960	2	—	1,525	—	282	—	1,809	89,366	5	—	14
1961	—	—	1,481	—	454	¹⁾ 2	1,937	85,542	5	—	12
1962	4	—	720	2	592	¹⁾ 2	1,320	55,053	5	—	13
1963	1	—	87	3	629	—	720	28,111	2	—	8
1964	—	—	—	—	710	—	710	30,108	1	—	3
1965	—	—	—	—	668	—	668	26,508	1	—	3
1966	—	—	—	—	606	—	606	25,051	1	—	3
1967	—	—	—	1	586	—	587	22,673	1	—	3
1968	—	—	—	—	658	—	658	24,158	1	—	3
1969	—	—	—	—	679	—	679	27,045	1	—	3

¹⁾ Bryde-whales.

Table z.—New Zealand.

1957	—	—	184	2	—	—	186	8,640	2	—	4
1958	—	—	183	—	—	—	183	8,235	1	—	3
1959	—	—	318	2	—	—	320	16,338	2	—	6
1960	—	—	361	—	—	—	361	15,184	2	—	6
1961	—	—	80	1	—	—	81	4,100	2	—	8
1962	—	—	32	—	3	—	35	1,538	2	—	6
1963	—	—	9	—	114	—	123	5,111	1	—	1
1964	—	1	—	4	134	—	139	5,713	1	—	1

**Table z.¹—Production of by-products in the Antarctic and on other whaling grounds
1959/60—1968/69.**

Year Grounds	By-products Whale meat-meal, bone-meal, grax-meal, guano	Whale liver	Liver- oil, vitamin oil	Liver- meal	Whale meat, blubber for food, ventral grooves	Whale solubles	Other by- products
	Long tons	L. tons	L. tons	L. tons	L. tons	L. tons	L. tons
1959-60..... Total	84,511	1,910	254	—	143,434	6,212	31,309
1960-61..... "	86,227	2,409	251	—	163,695	7,848	39,875
1961-62..... "	79,949	3,009	229	—	229,001	6,982	48,627
1962-63..... "	74,905	2,353	205	—	203,142	16,154	38,395
1963-64..... "	70,384	2,924	203	—	222,616	6,502	36,416
1964-65..... "	75,334	3,891	118	—	236,818	6,003	38,279
1965-66..... "	54,482	2,720	305	—	202,704	7,092	30,593
1966-67..... "	48,411	2,717	¹⁾ —	505	202,811	5,740	27,564
<i>1967-68.</i>							
Antarctic, pelagic ..	13,982	985	²⁾ —	—	103,982	2,444	10,839
Africa:—Natal	4,967	—	—	—	915	—	138
Cape Province ...	—	—	—	—	—	—	—
Brazil	293	—	—	—	1,693	—	3
North Atl. and Arctic							
Azores ³⁾	—	—	—	—	—	—	—
Madeira	63	—	—	—	51	—	—
Spain ³⁾	—	—	—	—	—	—	—
Norway	43	—	—	—	924	—	—
Iceland	1,513	—	—	—	1,753	—	78
Faroe Islands ...	—	—	—	—	44	—	—
Nova Scotia.....	298	52	—	—	2,769	—	—
Newfoundland...	—	—	—	—	4,696	—	—
Pacific North:—							
California	978	—	—	—	832	—	—
N. Pacific Ocean, pelagic.....	2,025	—	17	—	41,056	—	8,730
Kamtschatka, pel.	9,695	502	⁴⁾ —	—	3,184	—	—
Bering Sea	—	—	—	—	—	—	—
Japan	8,143	—	—	—	13,931	—	2,337
Peru	3,213	—	—	—	5,260	—	—
Australia	968	—	—	—	14	1,909	—
Total	46,181	1,539	17	—	181,104	4,353	22,125
<i>1968-69.</i>							
Antarctic	13,276	1,372	⁵⁾ —	—	81,503	1,378	12,334
Africa:—Natal	6,181	—	—	—	1,418	—	141
Cape Province ...	—	—	—	—	—	—	—
Brazil ³⁾	—	—	—	—	—	—	—
North Atl. and Arctic							
Azores ³⁾	—	—	—	—	—	—	—
Madeira	44	—	—	—	35	—	—
Spain ³⁾	—	—	—	—	—	—	—
Norway	158	2	—	—	483	—	—
Iceland	1,964	—	—	—	2,380	—	171
Nova Scotia.....	348	45	—	—	2,215	—	—
Newfoundland...	—	33	—	—	4,991	—	—
Pacific North:—							
California	1,137	—	—	—	848	—	—
N. Pacific Ocean, pelagic.....	735	199	21	—	35,844	2,461	8,759
Kamtschatka pel..	13,869	313	⁶⁾ —	—	8,049	—	185
Bering Sea	—	—	—	—	—	—	—
Japan	7,338	—	—	—	13,393	—	2,550
Peru	3,144	—	—	—	5,788	—	—
Australia	1,111	—	—	—	—	2,095	—
Total	49,305	1,964	21	—	156,947	5,934	24,140

¹⁾ 1,118,000 mill. units Vitamin A (liver oil) were produced in Antarctic. ²⁾ 885,000 mill. units. ³⁾ No information received. ⁴⁾ 741,100 mill. units Vitamin A (liver oil) were produced on the Kamtschatka ground. ⁵⁾ 928,000 mill. units Vitamin A were produced. ⁶⁾ 8,709,000 mill. units were produced.

**Table Z².—Catch of small whales in the years 1964/65—1968/69,
by species and whaling grounds.**

Years ¹⁾ Grounds	Species of whales caught						
	Minke- whales	Bottle- noses	Pilot- whales	Killer- whales	White- whales	Baird's beaked whales	Others or unspecified whales
<i>1964—65.</i>							
South Africa	2	—	—	—	—	—	—
Norway	2,467	692	32	104	—	—	—
Faroe Islands	—	—	1,599	—	—	—	177
Greenland	—	—	194	1	481	—	1,365
Newfoundland	29	—	1,520	—	—	—	—
Hudson Bay	—	—	—	—	354	—	—
Northwest Territories ..	—	—	—	—	285	—	—
Nova Scotia	12	6	—	—	—	—	—
California	—	—	—	—	—	2	—
Japan	334	—	288	169	—	172	71
Brazil	67	—	—	—	—	—	—
Antarctic	6	2	—	1	—	—	—
Total	2,917	700	3,633	275	1,120	174	1,613
<i>1965—66.</i>							
South Africa	5	—	—	—	—	—	—
Norway	2,153	340	339	161	—	—	—
Faroe Islands	19	—	1,478	2	—	—	6
Greenland	—	—	224	—	540	—	899
Newfoundland	28	—	887	—	—	—	—
Hudson Bay	—	—	—	—	482	—	—
British Columbia	—	—	—	—	—	2	—
California	—	—	—	1	—	1	—
Japan	365	—	199	137	—	171	220
Peru	—	—	—	1	—	—	—
Brazil	352	—	—	—	—	—	—
Antarctic	10	1	—	9	—	—	—
Total	2,932	341	3,127	311	1,022	174	1,125
<i>1966—67.</i>							
South Africa	6	—	—	—	—	—	—
Norway	2,175	264	117	36	—	—	—
Faroe Islands	21	—	1,979	—	—	—	1
Greenland	—	—	228	—	584	—	1,295
Newfoundland	25	—	739	—	—	—	—
British Columbia	1	—	—	—	—	—	—
Nova Scotia	15	5	—	1	—	—	—
Hudson Bay	—	—	—	—	390	—	—
Northwest Territories ..	—	—	—	—	379	—	—
California	—	—	—	1	—	—	—
Japan	285	—	237	101	—	107	294
Brazil	488	—	—	—	—	—	—
Antarctic	17	2	—	4	—	—	—
Total	3,033	271	3,300	143	1,353	107	1,590
<i>1967—68.</i>							
South Africa	97	—	—	—	—	—	—
Norway	2,733	384	31	86	—	—	—
Faroe Islands	32	—	1,749	—	9	—	—
Greenland	311	—	—	—	1,210	—	1,970
Newfoundland	—	—	204	—	—	—	—
Hudson Bay	—	—	—	—	582	—	—
Japan	239	—	166	22	—	117	274
Brazil	456	—	—	—	—	—	—
Antarctic	605	1	—	—	—	—	—
Total	4,473	385	2,150	108	1,801	117	2,244

¹⁾ 1964—65 = Antarctic season 1964—65 and summer 1965, a.s.o.

Table Z² (cont.).

Years Grounds	Species of whales caught						
	Minke- whales	Bottle- noses	Pilot- whales	Killer- whales	White- whales	Baird's beaked whales	Others or unspecified whales
<i>1968-69.</i>							
South Africa	112	-	-	-	-	-	-
Norway	2,391	485	27	231	-	-	-
Faroe Islands	-	-	1,395	-	-	-	-
Greenland ¹⁾	-	-	-	-	-	-	-
Newfoundland	50	-	-	-	-	-	-
Hudson Bay	-	-	-	-	178	-	-
Japan	230	-	130	16	-	138	56
Brazil ¹⁾	-	-	-	-	-	-	-
Antarctic	59	1	-	-	-	-	-
Total	2,842	486	1,552	247	178	138	56

¹⁾ No information.Table Z³.—Catch of Minke-whales (*Balaenoptera Acutorostrata*) 1965—1969, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Des.	
Norway:—														
Total	1965	-	-	3	73	497	1,055	293	491	55	-	-	-	2,467
	1966	-	-	2	83	535	915	166	421	31	-	-	-	2,153
	1967	-	-	1	22	552	670	324	542	64	-	-	-	2,175
	1968	-	-	3	108	635	1,205	238	510	34	-	-	-	2,733
	1969	-	-	17	73	583	1,246	106	363	3	-	-	-	2,391
Of which:														
Coastal districts ¹⁾	1965	-	-	3	37	176	426	154	370	55	-	-	-	1,221
	1966	-	-	2	27	101	222	144	320	31	-	-	-	847
	1967	-	-	1	14	291	155	150	375	63	-	-	-	1,049
	1968	-	-	3	45	362	272	105	175	29	-	-	-	991
	1969	-	-	17	19	271	457	25	75	-	-	-	-	864
Barents Sea, Spitzbergen and Bear Island ²⁾	1965	-	-	-	22	223	470	-	5	-	-	-	-	720
	1966	-	-	-	18	275	580	-	-	-	-	-	-	873
	1967	-	-	-	-	200	420	-	41	-	-	-	-	661
	1968	-	-	-	32	175	499	15	98	-	-	-	-	819
	1969	-	-	-	19	215	559	1	18	-	-	-	-	812
Shetland, Iceland, Greenland, Jan Mayen ¹⁾	1965	-	-	-	14	98	159	139	116	-	-	-	-	526
	1966	-	-	-	38	159	113	22	101	-	-	-	-	433
	1967	-	-	-	8	61	95	174	126	1	-	-	-	465
	1968	-	-	-	31	98	434	118	237	5	-	-	-	923
	1969	-	-	-	35	97	230	80	270	3	-	-	-	715
Antarctic	1964/65	-	-	-	-	-	-	-	-	-	-	-	-	1
	1965/66	-	-	-	-	-	-	-	-	-	-	-	-	2
Denmark:—														
Faroe Islands....	1966	-	-	-	-	-	-	-	-	-	-	-	-	19
	1967	-	-	-	-	-	-	-	-	-	-	-	-	21
	1968	-	-	-	-	-	-	-	-	-	-	-	-	32
	1969	-	-	-	-	-	-	-	-	-	-	-	-	-
Canada:—														
Newfoundland ..	1965	-	-	-	-	3	11	10	4	1	-	-	-	29
	1966	-	-	-	-	3	13	5	7	-	-	-	-	28
	1967	-	-	-	-	-	17	8	-	-	-	-	-	25
	1969	-	-	-	-	3	26	19	1	1	-	-	-	50

¹⁾ Catching period permitted: March 15th—June 30th and July 22th—September 14th, both days included.²⁾ Catching period permitted: March 15th—June 30th, both days included.

Table Z³ (cont.).

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Brit. Columbia.	1967	-	-	-	-	-	-	-	1	-	-	-	-	1
Nova Scotia ..	1965	-	-	-	-	-	1	9	2	-	-	-	-	12
Japan:—	1967	-	-	-	-	-	9	6	-	-	-	-	-	15
Coastal districts	1965	5	2	1	63	99	92	45	26	1	-	-	-	334
	1966	4	2	14	69	111	50	96	16	1	2	-	-	365
	1967	-	-	25	36	79	85	39	11	7	3	-	-	285
	1968	-	1	2	45	73	80	22	14	2	-	-	-	239
	1969	-	-	2	32	66	61	52	13	4	-	-	-	230
Antarctic	1964/65	-	2	-	-	-	-	-	-	-	-	-	-	2
	1967/68	8	8	2	-	-	-	-	-	-	-	-	579	597
	1968/69	41	-	1	-	-	-	-	-	-	-	-	-	42
Brazil	1965	-	-	-	-	-	1	5	10	28	23	-	-	67
	1966	-	-	-	-	-	1	25	29	89	131	77	-	352
	1967	-	-	-	-	-	3	37	68	112	161	107	-	488
	1968	-	-	-	-	-	34	57	62	93	133	77	-	456
Africa:—														
Cape Province.	1965	-	-	-	-	-	-	-	-	-	2	-	-	2
	1966	-	-	-	-	-	-	1	1	1	2	-	-	5
	1967	-	-	-	-	-	-	1	2	1	-	-	-	4
Natal	1967	-	-	-	-	-	-	1	-	1	-	-	-	2
	1968	-	-	-	3	14	12	24	13	31	-	-	-	97
	1969	-	-	-	12	19	31	13	21	16	-	-	-	112
U.S.S.R.:—														
Kamtchatka...	1964	-	-	-	-	1	-	-	-	-	-	-	-	1
Antarctic	1964/65	-	-	-	-	-	-	-	-	-	-	-	-	4
	1965/66	-	-	-	-	-	-	-	-	-	-	-	-	8
	1966/67	-	-	-	-	-	-	-	-	-	-	-	-	14
	1967/68	-	-	-	-	-	-	-	-	-	-	-	-	8
	1968/69	14	3	-	-	-	-	-	-	-	-	-	-	17

Table Z⁴.—Catch of Bottlenoses (*Hyperoodon Rostrata*) 1965—1969, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1965	-	-	-	61	345	242	37	7	-	-	-	-	692
	1966	-	-	-	130	76	134	-	-	-	-	-	-	340
	1967	-	-	-	90	104	65	2	3	-	-	-	-	264
	1968	-	-	-	167	192	20	5	-	-	-	-	-	384
	1969	-	-	-	81	139	226	29	8	2	-	-	-	485
Of which:														
Coastal districts ¹⁾ ..	1965	-	-	-	1	2	-	-	-	-	-	-	-	3
	1966	-	-	-	-	1	4	-	-	-	-	-	-	5
	1967	-	-	-	-	1	-	1	-	-	-	-	-	2
	1968	-	-	-	2	-	-	-	-	-	-	-	-	2
	1969	-	-	-	-	4	4	-	-	-	-	-	-	8
Barents Sea, Spitzbergen and Bear Island ²⁾	1965	-	-	-	-	3	-	-	-	-	-	-	-	3
	1966	-	-	-	-	-	4	-	-	-	-	-	-	4
	1967	-	-	-	-	4	8	-	-	-	-	-	-	12
	1968	-	-	-	43	141	-	-	-	-	-	-	-	184
	1969	-	-	-	65	67	16	-	2	-	-	-	-	150
Shetland, Iceland, Greenland, Jan Mayen ¹⁾	1965	-	-	-	60	340	242	37	7	-	-	-	-	686
	1966	-	-	-	130	75	126	-	-	-	-	-	-	331
	1967	-	-	-	90	99	57	1	3	-	-	-	-	250
	1968	-	-	-	122	51	20	5	-	-	-	-	-	198
	1969	-	-	-	16	68	206	29	6	2	-	-	-	327

¹⁾, ²⁾ See notes 1 and 2, page 30.

Table Z⁴ (cont.).

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Canada:—														
Nova Scotia	1965	—	—	—	—	—	4	2	—	—	—	—	—	6
	1967	—	—	—	—	—	5	—	—	—	—	—	5	
U.S.S.R.:—														
Antarctic	1964/65	—	—	—	—	—	—	—	—	—	—	—	1	
	1965/66	—	—	—	—	—	—	—	—	—	—	—	1	
	1966/67	—	—	—	—	—	—	—	—	—	—	—	2	
	1967/68	—	—	—	—	—	—	—	—	—	—	—	1	
	1968/69	1	—	—	—	—	—	—	—	—	—	—	1	

Table Z⁵.—Catch of Pilot-whales (*Globicephala Melaena*) 1965—1969, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1965	—	—	—	—	—	—	2	25	5	—	—	—	32
	1966	—	—	—	—	2	—	16	321	—	—	—	—	339
	1967	—	—	—	—	—	21	35	61	—	—	—	—	117
	1968	—	—	—	—	3	9	16	1	2	—	—	—	31
	1969	—	—	—	—	2	6	1	18	—	—	—	—	27
Of which:														
Coastal districts ¹⁾	1965	—	—	—	—	—	—	2	25	5	—	—	—	32
	1966	—	—	—	—	—	—	3	7	—	—	—	—	10
	1967	—	—	—	—	—	—	1	2	—	—	—	—	3
	1968	—	—	—	—	—	—	—	—	2	—	—	—	2
	1969	—	—	—	—	—	—	—	3	—	—	—	—	3
Shetland, Ice-land, Greenland, Jan Mayen ¹⁾ . . .	1965	—	—	—	—	—	—	—	—	—	—	—	—	—
	1966	—	—	—	—	2	—	13	314	—	—	—	—	329
	1967	—	—	—	—	—	21	34	59	—	—	—	—	114
	1968	—	—	—	—	3	9	16	1	—	—	—	—	29
	1969	—	—	—	—	2	6	1	15	—	—	—	—	24
Denmark:—														
Faroe Islands	1965	—	—	—	—	—	—	416	1,080	—	—	—	103	1,599
	1966	—	—	—	—	—	134	319	748	129	74	—	74	1,478
	1967	34	137	—	—	—	280	462	798	—	199	66	— ²⁾	1,979
	1968	67	—	—	—	77	114	664	185	414	104	—	74 ³⁾	1,749
	1969	121	—	24	456	—	71	86	172	292	124	—	49	1,395
Greenland	1965	—	—	2	20	16	30	22	24	33	32	14	1	194
	1966	—	—	2	6	19	23	42	50	43	34	3	2	224
	1967	—	—	—	12	19	31	38	62	37	26	2	1	228
	1968	—	—	—	—	—	—	—	—	—	—	—	—	—
Canada:—														
Newfoundland	1965	—	—	—	—	—	—	198	811	427	32	52	—	1,520
	1966	—	—	—	—	—	—	174	98	515	100	—	—	887
	1967	63	—	—	—	—	—	143	478	55	—	—	—	739
	1968	4	—	1	14	39	35	58	72	53	28	3	4	311
Japan:—														
Coastal districts	1965	10	12	13	1	16	35	23	15	29	37	50	47	288
	1966	7	4	1	6	20	18	10	3	33	56	20	21	199
	1967	4	—	—	18	22	29	2	7	8	73	65	9	237
	1968	5	—	2	17	24	33	1	—	7	16	41	20	166
	1969	6	4	9	8	30	15	7	—	2	—	24	25	130

¹⁾ See note 1 page 30. ²⁾ 3 without specification for months. ³⁾ 50 without specification for months.

Table Z⁶.—Catch of Killer-whales (*Orcinus orca*) 1965—1969, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1965	—	—	—	15	17	9	24	38	1	—	—	—	104
	1966	—	—	—	22	53	24	14	48	—	—	—	—	161
	1967	—	—	1	8	10	—	7	10	—	—	—	—	36
	1968	—	—	23	15	23	8	2	—	15	—	—	—	86
	1969	—	—	167	5	19	6	—	28	6	—	—	—	231
Of which:														
Coastal districts ¹⁾ ...	1965	—	—	—	9	12	3	—	1	1	—	—	—	26
	1966	—	—	—	14	37	8	1	2	—	—	—	—	62
	1967	—	—	1	5	4	—	—	—	—	—	—	—	10
	1968	—	—	23	14	6	3	—	—	—	—	—	—	46
	1969	—	—	167	4	9	3	—	6	—	—	—	—	189
Barents Sea, Spitzbergen and Bear Island ²⁾	1965	—	—	—	—	3	—	—	3	—	—	—	—	6
	1966	—	—	—	2	2	1	—	—	—	—	—	—	5
	1967	—	—	—	—	—	—	—	—	—	—	—	—	—
	1968	—	—	—	1	1	—	—	—	—	—	—	—	2
	1969	—	—	—	1	—	2	—	—	—	—	—	—	3
Shetland, Iceland, Greenland, Jan Mayen ¹⁾	1965	—	—	—	6	2	6	24	34	—	—	—	—	72
	1966	—	—	—	6	14	15	13	46	—	—	—	—	94
	1967	—	—	—	3	6	—	7	10	—	—	—	—	26
	1968	—	—	—	—	16	5	2	—	15	—	—	—	38
	1969	—	—	—	—	10	1	—	22	6	—	—	—	39
Antarctic	1965/66	—	—	—	—	—	—	—	—	—	—	—	—	2
Denmark:—														
Faroe Islands	1966	—	—	—	—	—	—	—	—	—	—	—	—	2
Greenland	1965	—	—	—	—	—	—	1	—	—	—	—	—	1
Canada:—														
Nova Scotia	1967	—	—	—	—	—	—	—	—	1	—	—	—	1
Japan:														
Coastal districts ..	1965	—	4	2	3	2	10	6	17	14	29	42	40	169
	1966	10	2	6	—	4	5	6	6	14	20	30	34	137
	1967	—	8	3	—	3	3	3	17	3	35	15	11	101
	1968	—	—	4	1	2	—	—	—	—	6	8	1	22
	1969	—	2	2	1	—	—	—	—	5	3	—	3	16
U.S.A.:—														
California	1966	—	—	—	—	—	—	—	—	1	—	—	—	1
	1967	—	—	—	—	—	—	1	—	—	—	—	—	1
Peru	1966	—	—	—	—	—	—	—	—	—	—	—	—	1
U.S.S.R.:—														
Antarctic	1964-65	—	—	—	—	—	—	—	—	—	—	—	—	1
	1965-66	—	—	—	—	—	—	—	—	—	—	—	—	7
	1966-67	—	—	—	—	—	—	—	—	—	—	—	—	4

1), 2) See notes 1 and 2, page 30.

For catch of Killer-whales an additional season was allowed from February 1st to March 15th.

Table Z⁷.—Catch of White-whales, (*Delphinapterus leucas*) 1965—1969, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Canada:—														
Hudson Bay	1965	—	—	—	—	—	—	—	—	—	—	—	—	354
	1966	—	—	—	—	—	—	—	—	—	—	—	—	482
	1967	—	—	—	—	—	—	—	—	—	—	—	—	390
	1968	—	—	—	—	—	—	210	327	45	—	—	—	582
	1969	—	—	—	—	—	—	3	111	38	5	—	—	¹⁾ 178
Northwest Territories	1965	—	—	—	—	—	—	—	—	—	—	—	—	285
	1967	—	—	—	—	—	—	—	—	—	—	—	—	379
Denmark:—														
Faroe Islands	1968	—	—	—	—	—	9	—	—	—	—	—	—	9
Greenland	1965	24	40	38	58	98	23	2	1	1	12	23	11	²⁾ 481
	1966	40	34	64	157	131	8	—	—	1	32	56	17	540
	1967	47	39	105	132	162	19	—	1	1	34	35	9	584
	1968	26	324	118	174	356	25	2	—	10	94	64	17	1,210

¹⁾ Incl. 21 White-whales, without specification for months. ²⁾ Incl. 150 White-whales, without specification for months.

Table Z⁸.—Catch of Baird's beaked whales (*Berardius bairdii*) 1965—1969, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
U.S.A.:—														
California	1965	—	—	—	—	—	—	—	—	—	2	—	—	2
	1966	—	—	—	—	—	—	—	1	—	—	—	—	1
Canada:—														
British Columbia	1966	—	—	—	—	—	—	—	1	1	—	—	—	2
Japan:—														
Coastal districts	1965	—	—	—	—	1	7	21	33	57	30	19	4	172
	1966	—	—	—	—	3	13	23	51	43	19	15	4	171
	1967	—	—	—	—	3	11	13	34	21	21	4	—	107
	1968	—	—	—	—	—	12	29	24	18	17	13	4	117
	1969	—	—	—	—	—	14	22	30	33	21	15	3	138

Table Z⁹.—Catch of others or unspecified small whales 1965—1969, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Denmark:—														
Faroe Islands	1965	—	—	—	—	—	—	—	177	—	—	—	—	177
	1966	2	—	—	—	—	—	—	2	2	—	—	—	6
	1967	—	—	—	—	—	—	—	1	—	—	—	—	1
Greenland	1965	2	3	11	16	86	96	316	173	180	111	47	24	¹⁾ 1,365
	1966	9	20	6	24	35	65	155	251	171	97	52	14	899
	1967	10	8	52	19	58	144	373	254	228	108	26	15	1,295
	1968	66	265	34	51	76	136	527	461	231	100	15	8	1,970
Japan:—														
Coastal districts	1965	4	4	7	1	3	—	2	11	10	5	16	8	71
	1966	9	55	25	52	29	5	2	2	3	18	6	14	220
	1967	50	65	44	22	14	12	—	5	5	18	37	22	294
	1968	17	32	26	74	8	6	5	3	2	9	60	32	274
	1969	39	—	1	—	1	1	—	3	2	4	4	1	56

¹⁾ Incl. 300 whales, without specification for months.

TABLES

Antarctic season 1968/69 and summer season 1969.

Table No. 1.—Whaling in 1968/69 and summer 1969.

Geographical areas.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels ¹⁾			
Antarctic:—											
Pelagic whaling..	—	3,020	—	5,776	2,682	—	11,478	385,822	—	6	84
Africa:—											
Natal	—	150	—	40	1,885	²⁾ 3	2,078	50,657	1	—	7
Cape Province ...	—	—	—	—	—	—	—	—	—	—	—
Brazil ³⁾	—	—	—	—	—	—	—	—	—	—	—
North Atlantic and Arctic:—											
Azores	—	—	—	—	145	—	145	3,999	—	—	—
Madeira	—	—	—	—	83	—	83	1,365	—	—	—
Spain	—	—	—	—	193	⁴⁾ 122	315	⁵⁾ 8,740	3	—	3
Norway	—	16	—	1	111	—	128	6,435	2	—	4
Iceland	—	251	—	69	103	—	423	16,518	1	—	4
Newfoundland ..	—	376	⁶⁾ 5	3	5	—	389	13,343	2	—	3
Nova Scotia	—	157	—	149	—	—	306	7,033	1	—	2
Greenland	—	—	—	—	—	—	—	—	—	—	—
Pacific North:—											
California	—	31	—	10	68	⁷⁾ 74	183	4,533	1	—	3
N. Pacific Ocean and Bering Sea, pelagic	—	576	—	3,591	3,000	—	7,167	174,900	—	3	27
Kamtchatka, pel.	—	593	—	1,091	8,211	—	9,895	322,436	—	3	31
Japan	—	76	—	466	3,668	²⁾ 89	4,299	87,124	7	—	14
Chile ⁸⁾	—	—	—	—	—	—	—	—	—	—	—
Peru	—	74	—	784	1,447	—	2,305	46,978	1	—	5
Australia	—	—	—	—	679	—	679	27,045	1	—	3
Indian Ocean, pelagic ⁹⁾	—	—	—	—	955	—	955	28,519	—	—	—
South Atlantic Ocean, pelagic ⁸⁾ ..	—	—	—	—	907	—	907	26,847	—	—	—
Total	—	5,320	5	11,980	24,142	288	41,735	1,212,294	20	12	190

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{4}$ long ton, 1 long ton = 1,016 kg.) ²⁾ Bryde-whales. ³⁾ No information received
⁴⁾ Baleen whales not specified. ⁵⁾ Production calculated. ⁶⁾ Humpbacks caught under special permit. ⁷⁾ Grey-whales
⁸⁾ Catch by floating factories on voyage to and from the Antarctic whaling grounds, i.e. catch north of 40° South Latitude

Table No. 2.—Whaling of Japan in 1968/69 and summer 1969.

Geographical areas.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels			
Antarctic, pelagic whaling	-	1,821	-	3,495	-	-	5,316	161,931	-	3	38
N. Pacific Ocean and Bering Sea, pelagic	-	576	-	3,591	3,000	-	7,167	174,900	-	3	27
Japan	-	76	-	466	3,668	¹⁾ 89	4,299	87,124	7	-	14
Indian Ocean pel.	-	-	-	-	346	-	346	8,678	-	-	-
Total	-	2,473	-	7,552	7,014	¹⁾ 89	17,128	432,633	7	6	79

¹⁾ Bryde-whales.

Table No. 3.—Whaling of U.S.S.R. in 1968/69 and summer 1969.

Geographical areas.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
Antarctic, pelagic whaling	-	1,199	-	2,281	2,682	-	6,162	223,891	-	3	46
South Atlantic Ocean, pelagic ¹⁾	-	-	-	-	907	-	907	26,847	-	-	-
Indian Ocean, pel. ¹⁾	-	-	-	-	609	-	609	19,841	-	-	-
Kamtschatka, pelagic	-	593	-	1,091	8,211	-	9,895	322,436	-	3	31
Total	-	1,792	-	3,372	12,409	-	17,573	593,015	-	6	77

¹⁾ Catch by floating factories on voyage to and from the Antarctic whaling grounds. (Catch north of 40° South Latitude.)

Table No. 4.—Whaling results for the various countries in 1968/69 and summer 1969.

Countries.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels			
U.S.S.R.	-	1,792	-	3,372	12,409	-	17,573	593,015	-	6	77
Japan	-	2,473	-	7,552	7,014	¹⁾ 89	17,128	432,633	7	6	79
South Africa	-	150	-	40	1,885	¹⁾ 3	2,078	50,657	1	-	7
Peru	-	74	-	784	1,447	-	2,305	46,978	1	-	5
Australia	-	-	-	-	679	-	679	27,045	1	-	3
Canada	-	533	-	152	5	²⁾ 5	695	20,376	3	-	5
Iceland	-	251	-	69	103	-	423	16,518	1	-	4
Spain	-	-	-	-	193	³⁾ 122	315	⁶⁾ 8,740	3	-	3
Norway	-	16	-	1	111	-	128	6,435	2	-	4
Portugal	-	-	-	-	228	-	228	5,364	-	-	-
U.S.A.	-	31	-	10	68	³⁾ 74	183	4,533	1	-	3
Brazil ⁴⁾	-	-	-	-	-	-	-	-	-	-	-
Chile ⁴⁾	-	-	-	-	-	-	-	-	-	-	-
Total	-	5,320	-	11,980	24,142	293	41,735	1,212,294	20	12	190

¹⁾ Bryde-whales. ²⁾ Humpbacks caught under special permit. ³⁾ Baleen whales not specified. ⁴⁾ No information received. ⁵⁾ Baleen-whales not specified. ⁶⁾ Production calculated. ⁷⁾ Grey-whales.

Table No. 5.—Average size of whales caught in the summer season 1969.

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
<u>A. Fin-whales.</u>				
<i>Africa:—</i>				
Natal	—	61.48	61.05	61.28
Males 80 } Total 150.				
Females 70 }				
<i>North Atlantic and Arctic:—</i>				
Norway	--	59.88	55.50	57.69
Males 8 } Total 16.				
Females 8 }				
Iceland	—	59.58	62.47	61.11
Males 118 } Total 251.				
Females 133 }				
Newfoundland	No. 1	58.55	61.60	60.59
Males 160 } Total 376.	" 2	57.28	58.92	58.06
Females 216 }				
Average		57.77	60.48	59.33
Nova Scotia	—	55.57	57.45	56.73
Males 60 } Total 157.				
Females 97 }				
<i>Pacific North:—</i>				
California	—	57.35	59.86	58.48
Males 17 } Total 31.				
Females 14 }				
North Pacific Ocean, pelagic..	No. 1	60.59	63.41	61.95
Males 566 } Total 1,169.	" 2	59.61	63.76	61.54
Females 603 }	" 3	59.71	63.11	61.53
	" 4	60.47	62.03	61.38
	" 5	59.27	62.01	60.46
	" 6	58.92	59.04	58.98
Average		59.75	61.87	60.85
Japan	No. 1	61.17	63.35	62.78
Males 33 } Total 76.	" 2	60.00	62.00	61.00
Females 43 }	" 3	59.00	61.08	60.04
	" 4	59.08	59.82	59.42
	" 5	55.00	58.00	57.00
Average		59.33	61.53	60.58
<u>B. Sei-whales.</u>				
<i>Africa:—</i>				
Natal	—	42.53	42.76	42.67
Males 15 } Total 40.				
Females 25 }				

Table No. 5 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<i>North Atlantic and Arctic:—</i>				
Iceland	—	Engl. feet. 41.67	Engl. feet. 46.16	Engl. feet. 44.87
Males 19 } Females 50 } Total 69.				
Nova Scotia.....	—	43.92	45.41	44.51
Males 90 } Females 58 } Total 148.				
<i>Pacific North:—</i>				
California	—	43.40	45.20	44.30
Males 5 } Females 5 } Total 10.				
North Pacific Ocean, pelagic..	No. 1	44.71	45.43	45.16
Males 2,511 } Females 2,170 } Total 4,681.	" 2 " 3 " 4 " 5 " 6	44.63 44.09 43.93 43.12 43.68	45.93 45.82 45.56 45.31 44.18	45.08 44.99 44.66 44.29 43.94
Average		44.19	45.55	44.82
Japan.....	No. 1	45.07	47.19	46.06
Males 238 } Females 228 } Total 466.	" 2 " 3 " 4 " 5	43.58 43.75 44.47 43.50	45.98 45.93 44.21 44.67	44.82 44.72 44.33 44.25
Average		44.10	45.86	44.96
<u>C. Sperm-whales.</u>				
<i>Africa:—</i>				
Natal	—	39.22	33.96	36.29
Males 934 } Females 951 } Total 1,885.				
<i>North Atlantic and Arctic:—</i>				
Norway	—	49.32	—	49.32
Males 111.				
Iceland	—	49.41	—	49.41
Males 103.				
<i>Pacific North:—</i>				
California	—	40.29	35.92	38.62
Males 21 } Females 13 } Total 34.				
North Pacific Ocean, pelagic..	No. 1	45.18	40.32	43.59
Males 9,439 } Females 1,759 } Total 11,198.	" 2 " 3 " 4 " 5 " 6	42.88 42.83 42.61 42.38 42.62	37.95 37.35 37.87 38.26 38.46	42.40 42.29 42.22 41.17 41.10
Average		42.93	38.44	42.23

Table No. 5 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
Japan..... Males 1,855 } Total 3,667. Females 1,812 }	No. 1	Engl. feet. 39.61	Engl. feet. 35.91	Engl. feet. 38.41
	" 2	38.75	36.07	36.97
	" 3	38.14	35.99	37.39
	" 4	38.00	35.51	36.60
	" 5	37.75	35.92	36.30
	Average		38.64	35.83
Australia..... Males 637 } Total 679. Females 42 }	—	43.25	35.05	42.74
South Atlantic Ocean, pelagic ... Males 821 } Total 907. Females 86 }	No. 1	42.67	35.55	41.82
	" 2	41.80	35.06	41.32
	Average	42.20	35.35	41.55
Indian Ocean, pelagic Males 724 } Total 910. Females 186 }	No. 1	43.23	38.33	43.05
	" 2	42.39	33.44	41.56
	" 3	42.66	38.88	41.16
	" 4	40.35	33.40	39.46
	Average	42.46	37.53	41.45

Table No. 6.—Whales caught in the summer season 1969,
by species, sex and size.

I. Natal.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
52	—	1	1	69	6	1	7
53	5	4	9	70	—	—	—
54	3	7	10	72	—	1	1
55	4	9	13	73	—	4	4
56	4	1	5	74	—	3	3
57	4	6	10	77	—	2	2
58	6	3	9				
59	4	4	8	Sum	80	70	150
60	4	2	6				
61	6	3	9				
62	2	6	8	Average size	{ Males: 61.48 feet		
63	6	4	10		{ Females: 61.05 "		
64	3	2	5		{ Total animals: 61.28 "		
65	8	2	10				
66	5	2	7	Per cent	{ Males: 53.33		
67	8	1	9		{ Females: 46.67		
68	2	2	4				

Table No. 6 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	—	1	1	49	1	—	1
36	1	1	2	50	—	1	1
37	1	2	3	51	—	1	1
38	1	2	3	54	—	1	1
40	—	1	1	Sum	15	25	40
41	2	5	7	Average size { Males: 42.53 feet Females: 42.76 " Total animals: 42.67 " Per cent { Males: 37.50 Females: 62.50			
42	3	1	4				
43	1	1	2				
44	3	3	6				
45	—	1	1				
46	—	2	2				
47	1	2	3				
48	1	—	1				

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
30	1	9	10	47	37	—	37
31	11	6	17	48	22	—	22
32	43	104	147	49	12	—	12
33	95	260	355	50	11	—	11
34	82	261	343	51	6	—	6
35	93	197	290	52	3	—	3
36	70	69	139	53	1	—	1
37	35	30	65	54	2	—	2
38	36	14	50	Sum	934	951	1,885
39	33	1	34	Average size { Males: 39.22 feet Females: 33.96 " Total animals: 36.29 " Per cent { Males: 49.55 Females: 50.45			
40	40	—	40				
41	46	—	46				
42	47	—	47				
43	60	—	60				
44	63	—	63				
45	39	—	39				
46	46	—	46				

Bryde-whales.

Engl. feet.	Number of		Total animals.
	males.	females.	
38	—	1	1
39	—	—	—
40	—	—	—
41	—	2	2
Sum	—	3	3

Average size females: 40.00 feet.

Table No. 6 (continued).

Minke-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.				
	males.	females.			males.	females.					
19	1	—	1	30	3	1	4				
20	3	1	4	31	—	—	—				
21	3	1	4	32	—	1	1				
22	1	5	6	Sum	71	41	112				
23	2	5	7	Average size { Males: 26.36 feet Females: 25.43 " Total animals: 26.02 "							
24	2	4	6					Per cent { Males: 63.39 Females: 36.61			
25	8	5	13								
26	9	6	15								
27	15	3	18								
28	11	4	15								
29	13	5	18								

2. Norway.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.				
	males.	females.			males.	females.					
53	—	1	1	Average size { Males: 59.88 feet Females: 63.87 " Total animals: 61.87 "							
56	1	—	1					Per cent { Males: 50.00 Females: 50.00			
59	4	—	4								
61	1	1	2								
62	1	—	1								
63	—	1	1								
64	1	—	1								
66	—	1	1								
67	—	4	4								
Sum	8	8	16								

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
38	1	—	1	52	9	—	9
42	1	—	1	53	5	—	5
43	1	—	1	54	6	—	6
44	4	—	4	55	2	—	2
45	4	—	4	Sum	111	—	111
46	6	—	6	Average size males: 49.32 feet.			
47	8	—	8				
48	10	—	10				
49	20	—	20				
50	17	—	17				
51	17	—	17				

Table No. 6 (continued).

3. Iceland.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
48	—	1	1	66	2	10	12
50	2	1	3	67	—	8	8
51	—	1	1	68	—	9	9
52	3	2	5	69	—	5	5
53	4	6	10	70	—	3	3
54	3	2	5	71	—	2	2
55	3	3	6	72	—	2	2
56	7	6	13	73	—	1	1
57	7	3	10	Sum	118	133	251
58	16	1	17	Average size	{	Males:	59.58 feet
59	10	6	16			Females:	62.47 "
60	13	9	22			Total animals:	61.11 "
61	8	9	17	Per cent	{	Males:	47.01
62	15	9	24			Females:	52.99
63	9	12	21				
64	11	9	20				
65	5	13	18				

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
36	2	—	2	49	—	7	7
39	1	1	2	50	—	2	2
40	3	—	3	52	—	1	1
41	2	4	6	Sum	19	50	69
42	5	—	5	Average size	{	Males:	41.47 feet
43	1	1	2			Females:	46.16 "
44	3	7	10			Total animals:	44.87 "
45	2	7	9	Per cent	{	Males:	27.54
46	—	4	4			Females:	72.46
47	—	8	8				
48	—	8	8				

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
40	1	—	1	52	8	—	8		
41	2	—	2	53	13	—	13		
42	4	—	4	54	8	—	8		
43	2	—	2	55	8	—	8		
44	6	—	6	57	1	—	1		
45	2	—	2	58	1	—	1		
46	11	—	11	Sum	103	—	103		
47	9	—	9	Average size males:		49.41 feet.			
48	9	—	9						
49	4	—	4						
50	4	—	4						
51	10	—	10						

Table No. 6 (continued).

4. Newfoundland.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
43	1	—	1	64	2	28	30	
46	—	1	1	65	2	17	19	
48	1	1	2	66	—	11	11	
49	1	—	1	67	—	3	3	
50	4	3	7	68	—	3	3	
51	5	4	9	69	1	4	5	
52	3	10	13	70	—	1	1	
53	2	2	4	71	—	1	1	
54	8	8	16	Sum	160	216	376	
55	5	13	18	Average size {				Males: 57.77 feet
56	13	8	21	{				Females: 60.48 „
57	17	6	23	{				Total animals: 59.33 „
58	23	8	31	Per cent {				Males: 42.55
59	30	11	41	{				Females: 57.45
60	21	15	36					
61	12	23	35					
62	8	13	21					
63	1	22	23					

Minke-whales.

Engl. feet.	Number of		Total animals.	Engl. feet	Number of		Total animals.	
	males.	females.			males.	females.		
15	1	1	2	28	2	—	2	
18	—	4	4	30	1	—	1	
19	2	2	4	Sum	28	22	50	
20	—	2	2	Average size {				Males: 23.46 feet
21	3	3	6	{				Females: 21.68 „
22	3	—	3	{				Total animals: 22.68 „
23	7	3	10	Per cent {				Males: 56.00
24	3	1	4	{				Females: 44.00
25	2	1	3					
26	2	4	6					
27	2	1	3					

5. Nova Scotia.

Fin-whales.

50	6	12	18	64	1	2	3	
51	4	5	9	65	—	2	2	
52	1	7	8	66	—	1	1	
53	7	4	11	67	—	1	1	
54	5	1	6	Sum	60	97	157	
55	6	3	9	Average size {				Males: 55.57 feet
56	9	6	15	{				Females: 57.45 „
57	7	6	13	{				Total animals: 56.73 „
58	2	6	8	Per cent {				Males: 38.22
59	4	6	10	{				Females: 61.78
60	3	8	11					
61	3	12	15					
62	1	5	6					
63	1	10	11					

Table No. 6 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
33	—	1	1	48	1	5	6
34	—	1	1	49	2	2	4
35	—	2	2	50	—	3	3
36	1	—	1	52	—	2	2
37	1	—	1	Sum	90	58	148
38	1	1	2	Average size { Males: 43.92 feet Females: 45.41 " Total animals: 44.51 "			
39	1	—	1				
40	3	—	3				
41	4	—	4				
42	4	1	5				
43	9	2	11				
44	31	5	36				
45	22	11	33				
46	6	10	16				
47	4	12	16				
				Per cent { Males: 60.81 Females: 39.19			

6. California.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
50	2	—	2	66	1	1	2
51	—	1	1	67	—	1	1
52	3	—	3	Sum	17	14	31
54	3	1	4	Average size { Males: 57.35 feet Females: 59.86 " Total animals: 58.48 "			
55	—	2	2				
57	—	1	1				
58	—	1	1				
59	—	1	1				
60	3	1	4				
61	2	1	3				
62	2	—	2				
65	1	3	4				

Sei-whales.

Engl. feet.	Number of		Total animals.	Average size { Males: 43.40 feet Females: 45.20 " Total animals: 44.30 "
	males.	females.		
40	1	—	1	Per cent { Males: 50.00 Females: 50.00
41	1	1	2	
44	1	1	2	
45	1	1	2	
47	1	1	2	
49	—	1	1	
Sum	5	5	10	

Table No. 6 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	
	males.	females.		
35	3	5	8	Average size { Males: 40.29 feet Females: 35.92 " Total animals: 38.62 " Per cent { Males: 61.76 Females: 38.24
36	6	4	10	
37	3	4	7	
38	1	—	1	
39	1	—	1	
45	2	—	2	
47	1	—	1	
49	2	—	2	
51	2	—	2	
Sum	21	13	34	

In addition the following 34 sperm-whales and 74 grey-whales were taken under special Scientific Permit:

Sperm-whales.

Engl. feet.	Number of		Total animals.	
	males.	females.		
25	1	—	1	Average size { Males: 30.71 feet Females: 33.07 " Total animals: 32.59 " Per cent { Males: 20.59 Females: 79.41
28	—	1	1	
29	1	—	1	
30	1	1	2	
31	1	1	2	
32	1	5	6	
33	—	10	10	
34	2	3	5	
35	—	4	4	
36	—	2	2	
Sum	7	27	34	

Grey-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
33	1	1	2	44	1	3	4
34	—	1	1	45	—	1	1
35	1	—	1	47	—	1	1
36	2	—	2	Sum	39	35	74
37	4	2	6	Average size { Males: 39.00 feet Females: 40.74 " Total animals: 39.82 " Per cent { Males: 52.70 Females: 47.30			
38	6	1	7				
39	10	5	15				
40	5	6	11				
41	7	4	11				
42	2	6	8				
43	—	4	4				

Table No. 6 (continued).

7. North Pacific Ocean, Kamtchatka and Bering Sea, pelagic.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
46	1	1	2	68	7	17	24	
52	1	1	2	69	3	19	22	
54	1	1	2	70	-	15	15	
55	41	37	78	71	2	5	7	
56	47	42	89	72	1	6	7	
57	56	35	91	73	-	3	3	
58	49	29	78	74	-	1	1	
59	98	54	152	75	-	3	3	
60	63	62	125	Sum	566	603	1,169	
61	59	44	103	Average size {				Males: 59.75 feet
62	43	34	77	Average size {				Females: 61.87 "
63	41	44	85	Average size {				Total animals: 60.85 "
64	23	39	62	Per cent {				Males: 48.42
65	18	47	65	Per cent {				Females: 51.58
66	8	37	45					
67	4	27	31					

Sei-whales.

33	-	1	1	51	7	82	89	
36	1	-	1	52	4	26	30	
38	6	6	12	53	3	7	10	
39	4	4	8	54	5	2	7	
40	240	174	414	55	-	1	1	
41	230	172	402	56	-	1	1	
42	194	154	348	Sum	2,511	2,170	4,681	
43	295	163	458	Average size {				Males: 44.19 feet
44	337	141	478	Average size {				Females: 45.55 "
45	371	194	565	Average size {				Total animals: 44.82 "
46	371	210	581	Per cent {				Males: 53.64
47	260	217	477	Per cent {				Females: 46.36
48	116	256	372					
49	47	214	261					
50	20	145	165					

Sperm-whales.

28	-	1	1	46	430	2	432	
29	1	4	5	47	409	-	409	
30	1	3	4	48	392	-	392	
31	6	7	13	49	413	-	413	
32	3	9	12	50	345	-	345	
33	13	13	26	51	213	-	213	
34	5	21	26	52	160	-	160	
35	13	33	46	53	30	-	30	
36	27	72	99	54	7	-	7	
37	23	57	80	Sum	9,439	1,759	11,198	
38	652	703	1,355	Average size {				Males: 42.93 feet
39	1,211	564	1,775	Average size {				Females: 38.44 "
40	1,104	128	1,232	Average size {				Total animals: 42.23 "
41	1,112	63	1,175	Per cent {				Males: 84.29
42	1,023	38	1,061	Per cent {				Females: 15.71
43	811	30	841					
44	594	6	600					
45	441	5	446					

Table No. 6 (continued).

8. Japan.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
51	-	1	1	66	2	1	3
52	1	1	2	68	-	2	2
53	2	1	3	69	-	2	2
55	2	1	3				
56	2	2	4	Sum	33	43	76
57	4	-	4				
58	3	2	5				
59	2	3	5				
60	3	4	7	Average size	Males: 59.33 feet		
61	5	6	11		Females: 61.53 "		
62	3	4	7		Total animals: 60.58 "		
63	2	4	6	Per cent	Males: 43.42		
64	1	1	2		Females: 56.58		
65	1	8	9				

Sei-whales.

36	1	1	2	50	2	18	20
38	2	1	3	51	2	5	7
39	6	2	8	52	1	6	7
40	15	11	26	53	-	1	1
41	15	7	22	Sum	238	228	466
42	26	6	32				
43	29	30	59	Average size	Males: 44.10 feet		
44	38	19	57		Females: 45.86 "		
45	35	28	63		Total animals: 44.96 "		
46	27	21	48	Per cent	Males: 51.07		
47	24	26	50		Females: 48.93		
48	11	23	34				
49	4	23	27				

Sperm-whales.

30	3	-	3	48	18	-	18
31	-	2	2	49	17	-	17
32	-	3	3	50	10	-	10
33	2	9	11	51	5	-	5
35	256	787	1,043	52	7	-	7
36	355	669	1,024	53	3	-	3
37	261	215	476	54	3	-	3
38	223	82	305	Sum	1,855	1,812	3,667
39	212	30	242				
40	116	13	129	Average size	Males: 38.64 feet		
41	115	2	117		Females: 35.83 "		
42	60	-	60		Total animals: 37.25 "		
43	87	-	87	Per cent	Males: 50.60		
44	39	-	39		Females: 49.40		
45	19	-	19				
46	19	-	19				
47	25	-	25				

Table No. 6 (continued).

Bryde-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
36	2	1	3	47	-	2	2
37	3	1	4	48	-	1	1
38	1	-	1	Sum	34	55	89
39	1	3	4				
40	1	4	5	Average size { Males: 41.82 feet Females: 42.76 " Total animals: 42.40 "			
41	2	4	6				
42	4	10	14				
43	11	10	21				
44	7	12	19				
45	1	4	5				
46	1	3	4				
				Per cent { Males: 38.20 Females: 61.80			

9. Australia. Sperm-whales.

32	-	1	1	48	39	-	39
33	-	5	5	49	24	-	24
34	6	6	12	50	20	-	20
35	19	15	34	51	16	-	16
36	19	10	29	52	3	-	3
37	30	4	34	53	1	-	1
38	39	1	40	54	1	-	1
39	29	-	29	Sum	637	42	679
40	39	-	39	Average size { Males: 43.25 feet Females: 35.05 " Total animals: 42.74 "			
41	26	-	26				
42	45	-	45				
43	64	-	64				
44	53	-	53				
45	51	-	51				
46	58	-	58				
47	55	-	55	Per cent { Males: 93.80 Females: 6.20			

10. South Atlantic Ocean. Sperm-whales.

31	-	3	3	48	15	-	15
32	1	2	3	49	11	-	11
33	4	17	21	50	15	-	15
34	4	10	14	51	12	-	12
35	10	14	24	52	4	-	4
36	5	14	19	53	7	-	7
37	13	11	24	54	2	-	2
38	73	6	79	55	3	-	3
39	118	7	125	Sum	821	86	907
40	91	2	93	Average size { Males: 42.20 feet Females: 35.35 " Total animals: 41.55 "			
41	78	-	78				
42	71	-	71				
43	77	-	77				
44	63	-	63				
45	73	-	73				
46	38	-	38				
47	33	-	33	Per cent { Males: 90.52 Females: 9.48			

Table No. 6 (continued).

11. Indian Ocean. Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
31	—	6	6	48	40	—	40	
32	1	8	9	49	24	—	24	
33	—	11	11	50	16	—	16	
34	3	10	13	51	6	—	6	
35	4	5	9	52	5	—	5	
36	9	6	15	53	1	—	1	
37	8	5	13	54	1	—	1	
38	86	55	141	56	1	—	1	
39	91	41	132	Sum	724	186	910	
40	84	32	116	Average size { Males: 42.46 feet Females: 37.53 " Total animals: 41.45 "				Per cent { Males: 79.56 Females: 20.44
41	56	5	61					
42	56	1	57					
43	61	1	62					
44	47	—	47					
45	40	—	40					
46	39	—	39					
47	45	—	45					

Table No. 7.—Average production of oil per "blue-whale unit" in the summer season 1969.

Other whales are reduced to blue-whale equivalents on the following basis:
 1 blue-whale = 2 fin-whales = 2½ humpbacks = 6 sei-whales = 2 grey-whales = 6 Bryde-whales.

Geographical areas.	Company.	Blue-whale equivalents.	Oil production.	
			Total.	Average per blue-whale equivalent.
<i>Africa:—</i>			Barrels. ¹⁾	Barrels. ¹⁾
Natal	No. 1	82.2	8,457	102.9
<i>North Atlantic and Arctic:—</i>				
Norway	No. 1	1.2	112	93.3
	" 2	7.0	503	71.9
Ioeland	" 1	137.0	11,140	81.3
Nova Scotia	" 1	103.3	7,033	68.1
Newfoundland	" 1	94.9	6,248	65.8
	" 2	95.6	6,753	70.6
	Total	439.0	31,789	72.4
<i>Pacific North:—</i>				
California	No 1	54.2	3,499	64.6
North Pacific Ocean and Kamtchatka, pelagic	" 1	285.5	23,618	82.7
	" 2	285.5	24,647	86.3
	" 3	315.5	25,753	81.6
	" 4	197.2	12,067	61.2
	" 5	107.8	8,235	76.4
	" 6	173.3	11,647	67.2
Japan	" 1	28.8	2,113	73.4
	" 2	39.7	2,216	55.8
	" 3	31.2	1,638	52.5
	" 4	24.2	1,512	62.5
	" 5	6.7	345	51.5
	Total	1,549.6	117,290	75.7
<i>Peru</i>	No. 1	167.7	10,315	61.5

¹⁾ Barrel = 170 kg. (Barrel = abt. ¼ long ton, 1 long ton = 1,016 kg.)

**Table No. 8.—Average production of oil per sperm-whale
in the summer season 1969.**

Geographical areas.	Company.	Number of sperm-whales.	Oil production.	
			Total.	Average per sperm-whale.
<i>Africa:—</i>			Barrels ¹⁾	Barrels ¹⁾
Natal	No. 1	1,885	42,200	22.4
<i>North Atlantic and Arctic:—</i>				
Azores		145	3,999	27.6
Madeira		83	1,365	16.4
Norway	No. 1	5	363	72.6
	" 2	106	5,457	51.5
Iceland	" 1	103	5,378	52.2
Total		442	16,562	37.5
<i>Pacific North:—</i>				
California	No. 1	68	1,034	15.2
North Pacific Ocean and Kamtschatka, pelagic	" 1	1,000	30,941	30.9
	" 2	1,000	35,529	35.5
	" 3	1,000	34,412	34.4
	" 4	3,152	116,316	36.9
	" 5	3,436	113,124	32.9
	" 6	1,623	61,047	37.6
Japan	" 1	881	18,652	21.2
	" 2	917	17,850	19.5
	" 3	953	27,038	28.4
	" 4	560	9,717	17.4
	" 5	357	6,043	16.9
Total		14,947	471,703	31.6
<i>Peru</i>	No. 1	1,447	36,663	25.3
<i>Australia</i>	No. 1	679	27,045	39.8
<i>South Atlantic Ocean, pelagic</i>	No. 1	423	13,023	30.8
	" 2	484	13,824	28.6
Total		907	26,847	29.6
<i>Indian Ocean, pelagic</i>	No. 1	82	2,853	34.8
	" 2	45	1,557	34.6
	" 3	443	14,230	32.1
	" 4	39	1,201	30.8
	" 5	346	8,678	25.1
Total		955	28,519	29.9

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{8}$ long ton, 1 long ton = 1,016 kg.)

