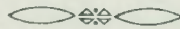


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LV

EDITED BY
THE COMMITTEE FOR WHALING STATISTICS



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PREFACE

The present publication, International Whaling Statistics No. LV, comprises the whaling operations in the Antarctic during the season 1963-64 and on grounds outside the Antarctic in the calendar year 1964.

It is possible that China operated from the coast of Dairen, but no information is available.

Statistical data relating to the sex and size of the whales killed have not been received from the following companies:

“*Industria Ballenera S.A.*”, *Spain*,

“*Macaya Hermanos y Cia.*”, *Chile*, and from

three companies operating from shore stations on the coast of Peru.

With these exceptions the statistics, to the best knowledge of the Committee, include all operations carried on in 1964.

O s l o , September 1965.

Gunnar Jahn.

Birger Bergersen.

Einar Vangstein.

INTRODUCTION

This publication comprises the world aggregate whaling results for 1964, i.e. the catch in the Antarctic during the season 1963-64 and the catch on grounds outside the Antarctic during the calendar year 1964. Details respecting the Antarctic catch were given in International Whaling Statistics No. LIV, while the present volume gives specifications of the operations on grounds outside the Antarctic in 1964.

In 1964 the following alterations took place in respect to the participation in the operations outside the Antarctic, as compared with the season 1963:

There were no whaling operations in 1964 from the shore stations belonging to

“Sociedade de Pesca Taiyo Ltda.”, Brazil,
“Nago Fisheries Cooperative”, Okinawa Island, and
“Nor’West Whaling Co. Ltd.”, Australia.

On the other hand *“Karlsen Shipping Co. Ltd.”* commenced whaling from a shore station at Nova Scotia.

It should also be mentioned that 14 of the Antarctic floating factories, outside the Antarctic whaling grounds, in 1964 caught 4,316 sperm-whales in the South Atlantic Ocean, Indian Ocean and South Pacific Ocean.

In 1964 whaling outside the Antarctic was carried on from the following grounds:

Africa: Natal and Cape Province.

North Atlantic and Arctic: Azores, Madeira, Spain, Norway, Faroe Islands, Iceland and Nova Scotia.

Pacific North: California, Oregon, British Columbia, North Pacific Ocean and Bering Sea, Kamtchatka, Kuril Islands, Japan and possibly also from China.

Other grounds: Brazil, Peru, Chile, Australia, New Zealand, South Atlantic Ocean, Indian Ocean and South Pacific Ocean.

These whaling grounds are the same as those operated in the previous year, with the exception of Nova Scotia.

From table a, page 13, it will be seen that whaling on grounds outside the Antarctic during the year 1964 was carried on from 37 shore stations, 7 floating factories and with 163 catchers. This was one shore station and 3 catchers less, but the same number of floating factories as in 1963.

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 1951/52–1963/64. 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 1951/52–1963/64.

Season	Total of whales killed	In Antarctic			On other grounds		
		Total	Baleen whales	Sperm-whales	Total	Baleen whales	Sperm-whales
1951–52.	49,794	35,228	29,743	5,485	14,566	8,493	6,073
1952–53.	44,963	30,653	28,321	2,332	14,310	7,065	7,245
1953–54.	53,615	34,869	31,990	2,879	18,746	8,082	10,664
1954–55.	55,041	37,654	31,864	5,790	17,387	7,584	9,803
1955–56.	58,062	38,538	31,564	6,974	19,524	7,908	11,616
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

From this table will be seen that the total catch of whales, in the Antarctic and on grounds outside the Antarctic, increased considerably up to and including the season 1961–62. The total number of whales killed reached a maximum of about 66,000 both in 1960–61 and 1961–62, but in the two last seasons, 1962–63 and 1963–64, it was reduced to 63,600 and 63,000, respectively. The increase in the total catch in later years is principally a result of the large catch of sperm-whales outside the Antarctic. Since the 1952-season this sperm-whale catch has increased from 6,100 animals to about 23,000 both in 1963 and 1964, while the baleen whale catch outside Antarctic in the same period only increased from 8,500 to 10,500.

The decrease in the total number of whales killed in 1962–63 and 1963–64 must be ascribed to the strongly reduced baleen whale catch in the Antarctic during these two seasons.

For the purpose of giving more detailed information on the strongly reduced baleen whale catch in the Antarctic and the increased baleen whale catch on grounds outside Antarctic during the last 3 seasons, we

draw attention to the survey below, which gives the number of the baleen whales killed, by species. For comparison, the corresponding figures for some earlier seasons are also included.

Number of baleen whales killed, by species.

Whaling grounds Seasons	Blue- whales	Fin- whales	Hump- backs	Sei- whales	Total baleen whales	Others ¹⁾
<i>In Antarctic</i>						
1951-52.....	5,130	22,527	1,556	530	29,743	—
1955-56.....	1,614	27,958	1,432	560	31,564	—
1959-60.....	1,239	27,575	1,338	4,309	34,461	—
1960-61.....	1,744	28,761	718	5,102	36,325	2
1961-62.....	1,118	27,099	309	5,196	33,722	1
1962-63.....	947	18,668	270	5,503	25,388	—
1963-64.....	112	14,422	2	8,695	23,231	—
<i>Outside Antarctic</i>						
1952.....	306	3,078	2,467	2,593	8,444	49
1956.....	373	3,538	2,448	1,516	7,875	33
1960.....	226	3,410	2,238	2,726	8,600	84
1961.....	243	3,029	2,122	2,683	8,077	107
1962.....	137	3,079	2,127	3,608	8,951	100
1963.....	482	3,248	2,488	4,046	10,264	69
1964.....	260	4,760	316	4,995	10,331	184

¹⁾ Unspecified baleen whales, included in the figures for the baleen whale catch in the table on page 8.

For the Antarctic grounds this survey shows how the catch of the most valuable species of the baleen whales, the blue- and fin-whales and also the humpbacks, during the 3 latest seasons has been strongly reduced, while the catch of the least valuable baleen whale, the sei-whale, has become very important. In 1963-64 this sei-whale catch increased to 8,700 animals, from 5,500 in 1962-63. It must be mentioned, however, that the blue-whales in 1963-64 were given total protection in the Antarctic, except in the waters north of 55° South and between 0° and 80° East. Further it was forbidden to kill humpback-whales in the season 1963-64. Otherwise, the whaling periods for blue-whales and for the other baleen whales in the pelagic whaling were unchanged during the 3 last seasons. The total number of baleen whales killed in the Antarctic was reduced from 36,325 in 1960-61 to 23,231 in 1963-64, or with 36 per cent.

On the grounds outside the Antarctic, however, the catch of fin-whales and especially of sei-whales increased considerably during the last 3 seasons. The blue-whale catch was quite considerable in 1963, while the humpback catch failed strongly in 1964. The total number of baleen whales killed on these grounds, thus increased from 8,077 in 1961 to 10,331 in 1964, or with 28 per cent.

From the following survey, where the number of the various species of the baleen whales killed are converted into *blue-whale units*, it will be seen that the total baleen whale catch in the Antarctic during the 3 last seasons decreased from 17,261 blue-whale units in 1960–61 to 8,773 blue-whale units in 1963–64, or with 49 per cent. On the grounds outside the Antarctic, however, the total baleen whale catch in blue-whale units increased from 3,054 units in 1961 to 3,600 units in 1964, or with 18 per cent.

The baleen whale catch converted into blue-whale units.¹⁾

Whaling grounds Seasons	Blue-whales	Fin-whales	Humpbacks	Sei-whales	Total baleen whales
		Blue-whale units	Blue-whale units	Blue-whale units	Blue-whale units
In Antarctic					
1951–52	5,130	11,263	622	88	17,103
1955–56	1,614	13,979	573	93	16,259
1959–60	1,239	13,788	535	718	16,280
1960–61	1,744	14,380	287	850	17,261
1961–62	1,118	13,549	124	866	15,657
1962–63	947	9,334	108	917	11,306
1963–64	112	7,211	1	1,449	8,773
Outside Antarctic					
1952	306	1,539	987	432	3,264
1956	373	1,769	980	253	3,375
1960	226	1,705	895	454	3,280
1961	243	1,515	849	447	3,054
1962	137	1,540	851	601	3,129
1963	482	1,624	995	674	3,775
1964	260	2,380	127	833	3,600

¹⁾ The baleen whales are reduced to blue-whale units on the following basis: 1 blue-whale = 2 fin-whales = 2½ humpbacks = 6 sei-whales.

As mentioned at the bottom of the preceding page and on the top of this page the total *number* of baleen whales killed during the 3 last seasons, from 1960–61 to 1963–64,

decreased in the Antarctic with 36 per cent, but
increased outside Antarctic with 28 per cent.

The total number of baleen whales killed, converted into *blue-whale units*, however, during the 3 last seasons from 1960–61 to 1963–64,

decreased in the Antarctic with 49 per cent, but
increased outside Antarctic with 18 per cent.

The two last figures of 49 per cent and 18 per cent, respectively, express most correctly the reduced baleen whale catch in the Antarctic and the increased baleen whale catch on grounds outside the Antarctic during the said period. When compared with the corresponding percentage figures for the *number* of baleen whales killed they also show, for the

Antarctic as well as for grounds outside the Antarctic, that the increased catch of the less valuable baleen whales has not been sufficient to compensate the reduced catch of the more valuable baleen whales.

In tables *i-z*, pages 24 to 31, particulars are given for a series of years in respect to the individual grounds outside the Antarctic.

Table *z*¹, page 32, 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 1963-64 were 222,616 tons and 70,384 tons, respectively. Of these quanta 173,736 tons whale meat and 31,655 tons whale meal were produced in the Antarctic.

In some tables *z*²⁻⁹, pages 33-38, 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 1951/52—1963/64.

Years. ¹⁾	All whaling grounds.			Antarctic.			Others.		
	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.
1951-52	50	24	430	3	20	289	47	4	141
1952-53	53	18	379	3	16	251	50	2	128
1953-54	50	21	368	3	17	227	47	4	141
1954-55	49	22	386	3	19	254	46	3	132
1955-56	53	22	419	3	19	278	50	3	141
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

¹⁾ 1951-52 = Antarctic season 1951-52 and summer 1952, a.s.o.

Table b.—Whales killed in the years 1951/52—1963/64, by species.

Years. ¹⁾	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.
1951-52	5,436	25,605	4,023	3,123	11,558	49	49,794
1952-53	4,218	25,581	3,328	2,208	9,577	51	44,963
1953-54	3,009	31,335	3,155	2,491	13,543	82	53,615
1954-55	2,495	32,185	2,713	1,940	15,593	115	55,041
1955-56	1,987	31,496	3,880	2,076	18,590	33	58,062
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

¹⁾ 1951-52 = Antarctic season 1951-52 and summer 1952, a.s.o.

Table c.—Whales killed in the various main areas 1951/52—1963/64.

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.
1951-52	49,794	100	35,228	70.7	2,945	5.9	763	1.5	895	1.8	1,998	4.1
1952-53	44,963	100	30,653	68.1	1,708	3.8	901	2.0	535	1.2	2,048	4.5
1953-54	53,615	100	34,869	65.0	1,088	2.0	788	1.5	627	1.2	2,354	4.5
1954-55	55,041	100	37,654	68.4	1,310	2.4	864	1.6	627	1.1	2,387	4.3
1955-56	58,062	100	38,538	66.4	1,229	2.1	858	1.5	519	0.9	3,284	5.6
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
	North Pacific Ocean and Bering Sea (pelagic).		Kamchatka and Kuril Islands.		Chile.		Peru.		Australia and New Zealand.		Others.	
1951-52	319	0.6	3,098	6.2	1,374	2.8	95	0.2	1,909	3.8	1,170	2.4
1952-53	701	1.6	2,860	6.4	1,198	2.7	1,340	3.0	2,110	4.7	909	2.0
1953-54	2,217	4.1	2,724	5.1	1,328	2.5	4,175	7.7	2,219	4.1	1,226	2.3
1954-55	2,652	4.8	3,016	5.5	1,298	2.4	1,887	3.4	1,905	3.6	1,381	2.5
1955-56	3,168	5.4	3,277	5.7	1,633	2.8	2,027	3.5	2,210	3.8	1,319	2.3
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

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

Table d.—Oil production in the various main areas 1951/52—1963/64.

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.
1951-52..	2,906,544	100	6,759	2,479,180	85.3	8,578	93,342	3.2	2,667	25,172	0.9	1,398	19,002	0.7	1,900	28,635	1.0	1,145
1952-53..	2,542,110	100	6,707	2,118,097	83.3	8,439	53,831	2.1	2,447	27,261	1.1	1,298	18,255	0.7	3,651	31,362	1.2	1,254
1953-54..	2,862,408	100	7,778	2,285,720	79.9	10,069	43,936	1.5	3,138	25,507	0.9	1,417	17,507	0.6	2,918	33,163	1.2	1,327
1954-55..	2,760,856	100	7,152	2,242,555	81.2	8,829	45,206	1.6	3,477	27,753	1.0	1,542	18,164	0.7	3,027	34,421	1.2	1,377
1955-56..	2,911,616	100	6,949	2,307,171	79.2	8,299	51,105	1.8	3,931	31,174	1.1	1,641	18,488	0.6	1,681	46,233	1.6	1,849
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..	2,228,480	100	6,242	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
	North Pacific Ocean and Bering Sea (pelagic).			Kamchatka and Kuril Islands.			Chile.			Peru.			Australia and New Zealand.			Others.		
1951-52..	13,606	0.5	3,402	86,269	3.0	5,075	35,406	1.2	3,541	1,941	0.1	1,941	96,630	3.3	7,433	27,361	0.8	.
1952-53..	29,123	1.1	7,281	84,079	3.3	4,671	30,169	1.2	3,771	22,108	0.9	3,685	106,751	4.2	8,895	21,074	0.9	.
1953-54..	103,218	3.6	10,322	85,658	3.0	4,759	27,885	1.0	2,324	104,168	3.6	5,483	109,335	3.8	9,111	26,311	0.9	.
1954-55..	111,917	4.1	8,609	82,227	3.0	4,568	36,108	1.3	2,778	31,335	1.1	5,223	101,397	3.7	8,450	29,773	1.1	.
1955-56..	146,600	5.0	10,471	94,820	3.3	4,515	41,751	1.4	3,479	32,604	1.1	5,434	110,932	3.8	7,395	30,738	1.1	.
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	5,223	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	123,571	5.5	.

¹⁾ Excluding Spain, Azores and Madeira. ²⁾ Excluding Japan, Korea, North Pacific Ocean and Bering Sea, Kamchatka and Kuril Islands. ³⁾ Barrel = 170 kg. (Barrel = abt. 1/4 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>										
1951-52.....	49,794	798	1,787	168	467	1,374	44	436	265	6,578
1952-53.....	44,963	678	2,001	175	536	1,198	190	—	332	5,394
1953-54.....	53,615	1,083	2,039	202	627	1,328	62	—	334	8,789
1954-55.....	55,041	947	1,853	211	629	1,298	196	—	400	10,997
1955-56.....	58,062	812	2,051	217	396	1,633	190	—	440	12,914
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
<i>Percentage figures:</i>										
	%	%	%	%	%	%	%	%	%	%
1951-52.....	100.0	1.6	3.6	0.3	0.9	2.8	0.1	0.9	0.5	13.2
1952-53.....	100.0	1.5	4.5	0.4	1.2	2.7	0.4	—	0.7	12.0
1953-54.....	100.0	2.0	3.8	0.4	1.2	2.5	0.1	—	0.6	16.4
1954-55.....	100.0	1.7	3.4	0.4	1.1	2.4	0.3	—	0.7	20.0
1955-56.....	100.0	1.4	3.5	0.4	0.7	2.8	0.3	—	0.8	22.2
1956-57.....	100.0	1.9	3.6	0.2	1.2	4.3	0.4	—	0.9	24.8
1957-58.....	100.0	2.9	3.3	0.2	1.3	3.6	0.1	—	0.8	29.1
1958-59.....	100.0	1.4	2.8	0.5	1.4	3.5	—	0.3	0.6	30.3
1959-60.....	100.0	1.5	2.8	1.3	—	3.3	—	—	0.6	29.7
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

1) Including the catch of one company registered at Falkland Islands.

in the years 1951/52—1963/64. 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>											
1951-52..	1,650	122	16,102	1,408	95	785	274	4,946	6,938	-	5,557
1952-53..	1,575	109	11,618	2,365	1,340	637	128	4,137	6,964	-	5,586
1953-54..	1,711	180	15,320	2,348	1,827	807	282	3,249	7,620	-	5,807
1954-55..	848	112	14,796	2,512	1,887	839	292	3,006	7,912	-	6,306
1955-56..	1,665	159	14,716	2,854	2,027	705	273	3,413	7,443	145	6,009
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
<i>Percentage figures:</i>											
	%	%	%	%	%	%	%	%	%	%	%
1951-52..	3.3	0.3	32.3	2.8	0.2	1.6	0.6	9.9	13.9	-	11.2
1952-53..	3.5	0.2	25.8	5.3	3.0	1.4	0.3	9.2	15.5	-	12.4
1953-54..	3.2	0.3	28.6	4.4	3.4	1.5	0.5	6.1	14.2	-	10.8
1954-55..	1.5	0.2	26.9	4.6	3.4	1.5	0.5	5.5	14.4	-	11.5
1955-56..	2.9	0.3	25.3	4.9	3.5	1.2	0.5	5.9	12.8	0.2	10.4
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

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>										
1951-52 . . .	2,906,544	41,825	91,830	2,171	16,290	35,406	817	16,485	9,524	304,499
1952-53 . . .	2,542,110	32,187	102,191	2,837	18,294	30,169	4,834	-	10,124	267,820
1953-54 . . .	2,862,408	53,478	100,515	3,636	17,507	27,885	1,419	-	10,506	389,058
1954-55 . . .	2,760,856	50,568	96,377	3,530	18,241	36,108	6,164	-	13,229	513,253
1955-56 . . .	2,911,616	43,376	104,607	3,590	13,595	41,751	6,402	-	17,141	601,686
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	48,361	3,475	-	20,335	824,251
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	13,446	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 . . .	2,228,480	-	30,108	3,936	17,127	36,620	607	-	18,913	953,404
<i>Percentage figures:</i>										
	%	%	%	%	%	%	%	%	%	%
1951-52 . . .	100.0	1.4	3.2	0.1	0.6	1.2	-	0.6	0.3	10.5
1952-53 . . .	100.0	1.3	4.0	0.1	0.7	1.2	0.2	-	0.4	10.5
1953-54 . . .	100.0	1.9	3.5	0.1	0.6	1.0	0.1	-	0.4	13.6
1954-55 . . .	100.0	1.8	3.5	0.1	0.7	1.3	0.2	-	0.5	18.6
1955-56 . . .	100.0	1.5	3.6	0.1	0.5	1.4	0.2	-	0.6	20.7
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

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{4}$ long ton, 1 long ton = 1,016 kg.) ²⁾ Calculated. ³⁾ Including the

in the years 1951/52—1963/64. All areas.

Oil production in barrels.¹⁾

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>											
1951-52.	110,300	4,800	1,151,404	97,073	1,941	20,224	5,787	261,998	500,254	-	233,916
1952-53.	103,710	4,560	826,243	164,150	22,108	15,814	2,960	203,749	491,012	-	239,348
1953-54.	97,596	8,820	1,041,389	73,000	31,168	19,283	4,375	190,224	537,774	-	254,775
1954-55.	64,739	5,020	878,359	147,880	31,335	20,158	5,250	145,015	471,315	-	254,315
1955-56.	103,465	6,720	859,246	164,778	32,604	18,843	4,481	160,644	474,760	5,760	248,555
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	15,123	88,345	306,199	11,435	499,544
1961-62.	90,305	1,538	581,652	-	67,189	16,622	4,440	96,783	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.	63,382	5,713	258,164	-	40,745	16,056	6,010	89,153	-	8,343	680,199
<i>Percentage figures:</i>	%	%	%	%	%	%	%	%	%	%	%
1951-52.	3.8	0.2	39.6	3.3	0.1	0.7	0.2	9.0	17.2	-	8.0
1952-53.	4.1	0.2	32.5	6.5	0.9	0.6	0.1	8.0	19.3	-	9.4
1953-54.	3.4	0.3	36.4	2.5	1.1	0.7	0.1	6.6	18.8	-	8.9
1954-55.	2.3	0.2	31.8	5.4	1.1	0.7	0.2	5.3	17.1	-	9.2
1955-56.	3.6	0.2	29.5	5.7	1.1	0.6	0.2	5.5	16.3	0.2	8.5
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

production of one company registered at Falkland Islands.

Table g.—Sperm-oil production in the years 1956/57—1963/64.

Grounds.	¹⁾ 1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
South Georgia.....	3,807	10,723	10,305	4,399	6,409	4,456	—	3,041
Antarctic, pelagic.....	214,893	301,059	251,794	191,517	208,039	204,783	202,288	273,130
Africa:—								
Natal.....	22,412	21,701	22,866	27,510	25,131	40,293	44,698	46,126
Cape Province.....	11,159	13,750	14,900	17,890	15,774	21,246	16,010	18,358
Gabon ²⁾	—	—	230	—	—	—	—	—
South Atlantic, pelagic.....	³⁾ 2,554	³⁾ 415	³⁾ 369	³⁾ 989	³⁾ 3,655	³⁾ 13,324	³⁾ 12,748	³⁾ 7,850
Brazil.....	35	144	86	608	2,235	2,300	823	37
North Atlantic and Arctic:—								
Azores.....	16,536	13,958	12,148	11,636	10,534	12,651	13,510	13,819
Madeira.....	4,730	3,215	3,052	3,813	3,154	3,971	3,990	2,237
Spain.....	5,203	3,533	3,980	3,275	2,632	3,682	2,587	5,122
Norway.....	1,337	3,968	1,271	4,104	3,291	4,040	5,388	2,135
Faroe Islands.....	2,636	2,093	—	—	—	366	448	299
Iceland.....	5,065	7,682	7,617	10,471	8,947	8,074	8,122	8,301
West Greenland.....	1,035	664	—	—	—	—	—	—
Newfoundland.....	760	285	82	19	—	—	—	—
Nova Scotia.....	—	—	—	—	—	—	—	161
Pacific North:—								
California.....	529	241	457	450	1,774	1,447	1,849	1,047
Oregon.....	—	—	—	—	82	—	—	12
British Columbia.....	5,957	3,086	7,394	—	—	4,615	4,329	2,868
Bering Sea.....	76,442	75,430	84,806	87,441	76,765	122,605	123,730	114,447
Kamchatka.....	44,720	58,370	68,621	91,202	75,846	70,534	170,293	163,458
Kuril Islands.....	40,525	49,426	41,562	34,309	27,841	24,661	13,106	9,794
Japan.....	37,614	51,050	40,484	40,923	37,573	32,423	38,248	35,789
Ryukyu Islands.....	—	—	127	249	183	—	8	—
Indian Ocean.....	³⁾ 742	—	—	—	—	³⁾ 7,801	³⁾ 41,915	³⁾ 52,048
South Pacific Ocean.....	³⁾ 1,712	—	—	—	—	³⁾ 4,053	³⁾ 26,812	³⁾ 37,671
Peru.....	45,745	56,315	74,781	75,426	76,644	67,189	60,903	39,734
Chile.....	38,169	37,478	38,801	33,166	37,887	37,360	28,109	25,069
Australia and New Zealand..	5,334	10,598	5,906	11,337	18,934	24,251	29,030	35,704
Total	589,651	725,184	691,579	650,734	643,330	716,125	848,944	898,257
<i>Of which produced by:</i>								
Norway.....	{ In Antarctic 99,666	{ 121,704	{ 88,354	{ 63,791	{ 74,057	{ 68,754	{ 39,367	{ 44,530
	{ Outside „ 2,187	{ 4,383	{ 1,480	{ 5,093	{ 5,240	{ 7,904	{ 11,425	{ 9,190
United Kingdom...	{ In Antarctic 29,149	{ 40,514	{ 40,535	{ 22,002	⁴⁾ 14,667	⁴⁾ 19,843	{ 12,331	{ —
	{ Outside „ —	{ —	{ 100	{ —	{ —	{ 610	{ —	{ —
South Africa..	{ In Antarctic 4,019	{ —	{ —	{ —	{ —	{ —	{ —	{ —
	{ Outside „ 33,571	{ 35,451	{ 37,766	{ 45,400	{ 40,905	{ 61,539	{ 60,708	{ 64,484
Japan.....	{ In Antarctic 72,870	{ 105,745	{ 95,842	{ 65,877	{ 71,825	{ 44,213	{ 50,503	{ 67,400
	{ Outside „ 116,510	{ 126,480	{ 125,290	{ 128,364	{ 114,338	{ 165,340	{ 218,323	{ 208,241
U.S.S.R.....	{ In Antarctic 6,571	{ 24,880	{ 20,374	{ 40,397	{ 43,651	{ 58,894	{ 83,488	{ 148,830
	{ Outside „ 85,245	{ 107,796	{ 110,183	{ 125,511	{ 105,393	{ 105,587	{ 201,600	{ 205,761
Netherlands ..	{ In Antarctic 4,846	{ 12,656	{ 13,784	{ 2,019	{ 10,248	{ 17,535	{ 16,599	{ 15,411
	{ Outside „ 1,704	{ —	{ —	{ —	{ —	{ —	{ 892	{ —
Argentina	{ In Antarctic 1,579	{ 6,283	{ 3,210	{ 1,830	{ —	{ —	{ —	{ —
Canada.....	{ Outside „ 6,717	{ 3,371	{ 7,476	{ 19	{ —	{ 4,615	{ 4,329	{ 3,029
Portugal.....	{ Outside „ 21,266	{ 17,173	{ 15,200	{ 15,449	{ 13,688	{ 16,622	{ 17,500	{ 16,056

(Cont. on next page.)

¹⁾ 1956-57 = Antarctic season 1956-57 and summer 1957, a.s.o. ²⁾ Earlier French Congo. 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 h (cont.).

Species of whales and whaling grounds.	1964	1963	1962	1961	1960	1959	1958	1957
	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.
Norway	61.26	58.43	60.16	59.27	59.88	60.46	59.31	58.93
Faroe Islands	60.85	62.33	57.00	—	—	—	59.19	59.57
Iceland	60.67	60.82	59.27	59.41	61.01	60.51	59.54	59.13
West Greenland	—	—	—	—	—	—	62.13	61.24
Newfoundland	55.00	—	—	—	53.00	56.79	58.07	60.57
Nova Scotia	56.39	—	—	—	—	—	—	—
Pacific North:—								
California	60.06	61.56	59.43	60.31	60.94	61.07	61.28	61.59
Oregon	—	59.40	54.00	—	—	—	—	—
British Columbia	57.35	58.05	56.90	—	—	58.15	59.20	59.11
Bering Sea	61.46	61.37	61.68	63.25	60.52	61.98	61.29	61.44
Kamtschatka	60.81	60.02	59.60	58.94	61.91	61.42	61.64	61.60
Kuril Islands	60.24	60.48	60.67	60.56	60.46	60.93	61.64	61.73
Japan	56.95	57.04	57.08	56.65	56.78	56.15	56.15	56.22
Chile	56.63	51.82	52.26	55.00	59.12	57.86	56.51	54.55
Australia	—	—	—	—	—	50.00	—	—
New Zealand	56.00	—	—	—	—	—	—	—
<u>Humpbacks.</u>								
Antarctic:—								
Pelagic whaling	40.00	41.56	41.37	41.38	40.93	39.95	41.52	41.43
Africa:—								
Natal	—	38.19	38.78	38.42	37.36	39.05	38.38	38.41
Cape Province	—	37.33	41.22	39.00	45.75	39.57	44.50	39.00
Gabon ¹⁾	—	—	—	—	—	39.88	—	—
Brazil	—	42.83	44.91	43.69	39.23	41.75	43.20	—
North Atlantic and Arctic:								
Madeira	—	—	—	—	—	—	—	38.00
Faroe Islands	48.00	—	—	—	—	—	—	40.00
Newfoundland	—	—	—	—	—	—	41.00	—
Greenland	—	—	39.00	30.00	43.00	—	—	—
Pacific North:—								
California	41.44	40.16	42.03	40.15	41.33	39.99	41.27	40.74
Oregon	—	—	—	49.50	—	—	—	—
British Columbia	37.70	39.38	40.75	—	—	40.04	40.83	40.73
Bering Sea	—	42.20	42.29	44.78	—	—	41.54	—
Kamtschatka	40.51	40.34	40.74	41.32	41.37	40.86	40.30	40.98
Kuril Islands	—	36.60	37.50	38.79	45.67	38.00	39.25	39.00
Japan	37.00	38.67	47.00	41.00	36.00	41.75	44.25	38.60
Ryukyu Islands	—	—	38.63	40.12	39.50	40.24	38.85	40.22
Chile	—	36.00	37.00	—	—	—	—	41.00
Australia	—	38.16	38.30	38.85	40.37	40.45	40.95	40.84
New Zealand	—	40.33	39.06	40.46	40.09	40.36	40.62	40.37
<u>Sei-whales.</u>								
Antarctic:—								
South Georgia	49.81	—	48.63	49.27	49.53	49.75	50.05	49.50
Pelagic whaling	49.62	49.81	50.30	50.20	50.45	50.83	50.33	50.38
Africa:—								
Natal	43.91	43.95	43.44	44.36	44.03	44.13	44.05	43.20
Cape Province	44.26	44.09	45.75	48.87	47.11	45.72	45.12	45.81
Gabon ¹⁾	—	—	—	—	—	44.75	—	—

¹⁾ Earlier French Congo.

Table h (cont.).

Species of whales and whaling grounds.	1964	1963	1962	1961	1960	1959	1958	1957
	Engl. ft	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft	Engl. ft.	Engl. ft.
Brazil.....	49.90	49.07	49.31	49.05	49.61	50.29	50.53	50.93
North Atlantic and Arctic:								
Norway.....	—	—	40.00	38.83	39.50	46.25	42.83	35.00
Faroe Islands.....	—	—	—	—	—	—	41.00	—
Iceland.....	44.30	43.65	45.30	44.36	44.14	44.01	43.33	42.68
West Greenland.....	—	—	—	—	—	—	—	50.00
Newfoundland.....	49.00	—	—	44.00	—	43.00	—	49.80
Pacific North:—								
California.....	46.00	45.56	46.45	44.92	43.94	45.74	46.50	51.00
British Columbia.....	44.00	44.28	44.48	—	—	43.94	44.49	44.47
Bering Sea.....	45.72	46.07	46.88	49.50	46.90	49.00	47.08	46.61
Kamtschatka.....	46.34	46.95	42.33	47.80	47.56	47.04	47.79	50.28
Kuril Islands.....	46.41	45.88	46.68	46.13	46.34	47.05	46.52	45.63
Japan.....	42.28	42.69	41.67	41.77	41.10	42.48	42.41	42.40
Chile.....	44.29	45.67	37.88	48.67	44.00	38.67	45.93	44.26
New Zealand.....	—	—	—	49.00	—	45.00	—	43.50
Australia.....	—	43.00	40.50	—	—	—	—	—
Sperm-whales.								
Antarctic:—								
South Georgia.....	48.67	—	46.65	46.87	47.58	46.47	47.12	45.69
Pelagic whaling.....	45.30	46.36	46.26	46.76	47.26	47.20	47.52	48.67
Africa:—								
Natal.....	37.79	38.26	38.29	37.88	38.96	38.57	39.66	40.03
Cape Province.....	37.51	37.28	37.03	37.98	39.05	37.64	36.89	39.41
Gabon ¹⁾	—	—	—	—	—	35.14	—	—
South Atlantic, pelagic...	39.44	40.32	43.58	40.25	40.00	38.31	43.50	41.68
Brazil.....	37.75	38.18	40.56	42.54	38.28	40.00	44.75	35.50
North Atlantic and Arctic:								
Azores.....	39.96	39.86	—	39.55	—	37.16	37.83	37.39
Madeira.....	34.38	39.38	—	39.51	—	44.30	34.53	39.23
Norway.....	49.21	50.15	48.16	47.82	50.37	48.61	48.36	48.03
Faroe Islands.....	53.00	48.75	51.00	—	—	—	49.80	46.40
Iceland.....	51.21	50.92	51.06	50.36	51.15	50.85	51.70	51.78
West Greenland.....	—	—	—	—	—	—	50.69	51.50
Newfoundland.....	—	45.00	—	—	51.00	54.00	47.29	55.71
Nova Scotia.....	49.00	—	—	—	—	—	—	—
Pacific North:—								
California.....	39.05	41.34	40.18	39.34	43.38	42.59	45.75	44.43
Oregon.....	36.00	—	—	48.67	—	—	—	—
British Columbia.....	38.08	39.80	39.09	—	—	40.31	39.71	40.89
Bering Sea.....	45.59	44.67	46.31	45.25	46.06	45.72	46.05	44.79
Kamtschatka.....	41.50	41.85	41.89	43.92	44.58	45.64	44.75	44.46
Kuril Islands.....	38.09	37.07	37.35	37.97	38.27	38.65	38.13	39.02
Japan.....	36.96	37.66	36.85	37.15	37.01	36.49	36.47	36.31
Ryukyu Islands.....	—	37.00	—	39.44	39.93	39.29	—	—
South Pacific Ocean, pel...	40.15	39.85	40.53	—	—	—	—	43.67
Indian Ocean, pel.....	41.01	39.42	39.08	—	—	—	—	43.77
Peru.....	—	—	—	40.58	38.01	—	—	—
Chile.....	34.89	34.47	34.53	34.59	36.92	37.04	38.24	37.95
Australia.....	42.58	42.35	43.55	43.54	42.94	44.08	42.61	42.86
New Zealand.....	44.84	46.74	43.00	—	—	—	—	—

¹⁾ Earlier French Congo.

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

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Seal.	Sperm.	Others.	Total of whales		Shore stations.	Float-ing fac-tories.	Catch-ers.	
<i>North Atlantic and Arctic. Total</i>	1952	15	635	3	51	59	—	763	25,172	7	—	18	
	1953	15	585	8	145	148	—	901	27,261	8	—	21	
	1954	11	486	7	116	168	—	788	25,507	7	—	18	
	1955	13	550	1	158	142	—	864	27,753	6	—	18	
	1956	9	475	3	94	277	—	858	31,174	7	—	19	
	1957	11	672	1	95	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	
	<i>Norway.</i>	1952	1	374	2	24	51	—	452	14,761	4	—	11
1953		7	275	4	48	44	—	378	12,264	4	—	11	
1954		2	270	6	20	94	—	392	13,582	4	—	11	
1955		1	210	1	10	44	—	266	8,283	3	—	8	
1956		—	132	—	16	58	—	206	6,764	3	—	8	
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	
<i>Furoe Islands.</i>	1952	—	20	—	2	1	—	23	522	1	—	2	
	1953	2	87	1	27	52	—	169	4,557	2	—	5	
	1954	—	17	—	3	11	—	31	942	1	—	2	
	1955	1	8	—	11	69	—	161	5,395	1	—	5	
	1956	—	43	3	3	97	—	146	5,460	1	—	5	
	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	
<i>Iceland.</i>	1952	14	224	—	25	2	—	265	9,524	1	—	4	
	1953	5	207	2	70	48	—	332	10,124	1	—	4	
	1954	9	177	1	93	54	—	334	10,506	1	—	4	
	1955	10	236	—	134	20	—	400	13,229	1	—	4	
	1956	8	265	—	72	95	—	440	17,141	1	—	4	
	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	

(Cont. on next page.)

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{8}$ 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>	1960	-	160	-	42	177	-	379	17,536	1	-	4	
	1961	-	142	-	58	150	-	350	15,082	1	-	4	
	1962	-	303	-	44	136	-	483	20,357	1	-	4	
	1963	-	283	-	20	136	-	439	20,212	1	-	4	
	1964	-	217	-	89	138	-	444	18,913	1	-	4	
<i>West Greenland.</i>	1952	-	16	-	-	5	-	21 ¹⁾	295	1	-	1	
	1953	1	15	1	-	4	-	21	277	1	-	1	
	1954	-	22	-	-	9	-	31	477	1	-	1	
	1955	1	22	-	3	9	-	35	769	1	-	1	
	1956	1	28	-	1	14	-	44	942	1	-	1	
	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	-	-	-	-	
	<i>Nova Scotia</i>	1964	-	56	-	-	4	-	60	957	1	-	2
	<i>Newfoundland and Labrador.</i>	1952	-	1	1	-	-	-	2 ¹⁾	70	-	-	-
1953		-	1	-	-	-	-	1 ¹⁾	39	-	-	-	
1954		-	-	-	-	-	-	-	-	-	-	-	
1955		-	2	-	-	-	-	2 ¹⁾	77	-	-	-	
1956		-	7	-	2	13	-	22	867	1	-	1	
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	-	-	-	-		

¹⁾ Calculated.

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.			
1952	-	-	-	-	623	-	623	16,116	-	-	-
1953	-	-	-	-	528	-	528	12,661	-	-	-
1954	-	-	-	-	683	-	683	16,761	-	-	-
1955	-	-	-	-	664	-	664	15,871	-	-	-
1956	-	-	-	-	536	-	536	14,244	-	-	-
1957	-	-	-	-	671	-	671	16,536	-	-	-
1958	-	-	-	-	527	-	527	13,958	-	-	-
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	-	-	-

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

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.
								Barrels.			
1952	—	6	—	—	156	—	162	4,108	—	—	—
1953	—	2	—	—	107	—	109	3,153	—	—	—
1954	—	2	—	—	122	—	124	2,522	—	—	—
1955	—	—	—	—	175	—	175	4,287	—	—	—
1956	—	1	—	—	168	—	169	4,599	—	—	—
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	—	—	—

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.
								Barrels.			
1952	—	74	—	—	94	¹⁾ 49	217	4,966	2	—	6
1953	—	18	—	12	38	¹⁾ 29	97	2,423	2	—	5
1954	—	30	—	—	105	¹⁾ 82	217	3,392	2	—	5
1955	—	36	—	—	158	¹⁾ 98	292	5,250	2	—	6
1956	—	5	—	6	234	¹⁾ 28	273	4,481	3	—	5
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

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.

1955	—	—	—	—	39	—	39	835	—	¹⁾ (2)	¹⁾ —
1956	—	—	—	3	121	—	124	3,818	—	¹⁾ (1)	¹⁾ —
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⁾ —

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.	Sel.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
<i>Africa. Total.</i>	1952	19	766	391	1,043	726	—	2,945	93,342	4	1	35	
	1953	9	576	98	400	618	1)	7,1708	53,831	4	—	22	
	1954	15	527	27	78	441	—	1,088	43,936	2	—	14	
	1955	6	477	49	176	602	—	1,310	45,206	1	—	13	
	1956	5	613	36	101	474	—	1,229	51,105	1	—	13	
	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	1,439	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	
<i>Natal.</i>	1952	8	451	111	155	356	—	1,081	45,161	2	—	14	
	1953	5	441	89	96	353	—	984	39,313	2	—	14	
	1954	10	515	27	71	400	—	1,023	42,953	2	—	12	
	1955	6	477	49	176	602	—	1,310	45,206	1	—	13	
	1956	5	613	36	101	474	—	1,229	51,105	1	—	13	
	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	
<i>Cape Province.</i>	1952	11	303	15	711	331	—	1,371	30,875	1	—	12	
	1953	4	126	9	295	252	1)	7,693	13,981	1	—	6	
	—	—	—	—	—	—	—	—	—	—	—	—	
	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		
<i>Gabon²⁾</i>	1952	—	—	265	171	—	—	436	16,485	—	1	7	
	—	—	—	—	—	—	—	—	—	—	—	—	
	1959	—	—	160	4	14	—	178	8,280	1	—	2	
<i>Spanish Morocco.</i>	1952	—	12	—	6	39	—	57	821	1	—	2	
	1953	—	9	—	9	13	—	31	537	1	—	2	
	1954	5	12	—	7	41	—	65	983	1	—	2	

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

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

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing fac-tories.	Catch-ers.	
<i>Pacific North. Total.</i>	1952	16	240	62	433	144	—	895	19,002	1	1	10	
	1953	8	181	47	14	275	¹⁾ 10	535	18,255	1	—	5	
	1954	11	150	106	134	226	—	627	17,507	1	—	6	
	1955	11	120	37	139	320	—	627	18,164	1	—	6	
	1956	14	171	161	37	136	—	519	18,488	2	—	8	
	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	
	<i>California.</i>	1956	—	3	133	—	9	—	145	5,760	1	—	2
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	
<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	
<i>British Columbia.</i>	1952	16	240	61	22	126	—	465	16,220	1	—	5	
	1953	8	181	47	14	275	¹⁾ 10	535	18,255	1	—	5	
	1954	11	150	106	134	226	—	627	17,507	1	—	6	
	1955	11	120	37	139	320	—	627	18,164	1	—	6	
	1956	14	168	28	37	127	—	374	12,728	1	—	6	
	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	
<i>Bonin Island, pelagic.</i>	1952	—	—	1	411	18	—	430	2,782	—	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.

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.			
1952	27	231	3	666	1,071	—	1,998	28,635	18	—	25
1953	22	246	9	585	1,186	—	2,048	31,362	18	—	25
1954	16	197	8	646	1,487	—	2,354	33,163	18	—	25
1955	30	354	9	488	1,506	—	2,387	34,421	19	—	25
1956	14	347	14	782	2,125	¹⁾ 2	3,284	46,233	20	—	25
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	—	3,580	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

¹⁾ Right-whales. ²⁾ Bryde-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.			
1952	55	213	37	14	—	—	319	13,606	—	1	4
1953	91	470	42	98	—	—	701	29,123	—	1	4
1954	145	1,316	136	129	491	—	2,217	103,218	—	2	10
1955	70	1,360	117	21	1,084	—	2,652	111,917	—	2	13
1956	70	1,415	37	48	1,598	—	3,168	146,600	—	2	14
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

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.			
1952	7	234	17	13	731	—	1,002	34,811	—	1	5
1953	11	145	11	26	865	—	1,058	41,493	—	1	5
1954	12	238	21	22	816	—	1,109	36,264	—	1	5
1955	4	79	8	28	996	—	1,115	38,248	—	1	5
1956	7	65	31	16	998	—	1,117	40,571	—	1	6
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

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.	Floating factories.	Catchers.
1952	17	241	9	188	1,641	—	2,096	Barrels. 51,458	5	—	12
1953	10	179	6	86	1,521	—	1,802	42,586	5	—	13
1954	23	266	8	126	1,192	—	1,615	49,394	5	—	13
1955	27	219	23	128	1,494	¹⁾ 10	1,901	43,979	5	—	13
1956	45	241	10	171	1,693	—	2,160	54,249	4	—	15
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

¹⁾ Southern right-whales.

Table t.—Brazil.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1952	—	—	10	157	1	—	168	Barrels. 2,171	2	—	2
1953	—	—	8	161	1	¹⁾ 5	175	2,837	2	—	2
1954	—	—	18	183	1	—	202	3,636	1	—	2
1955	—	—	9	200	1	¹⁾ 1	211	3,530	2	—	2
1956	—	1	14	196	3	²⁾ 3	217	3,596	2	—	3
1957	—	—	—	115	2	²⁾ 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	3,936	1	—	1

¹⁾ Right-whales. ²⁾ No specification.

Table u.—Peru.

								Barrels.			
1952	7	14	20	17	37	—	95	1,941	1	—	1
1953	10	28	6	36	1,260	—	1,340	22,108	3	—	6
1954	8	30	1	2	4,134	—	4,175	104,168	3	1	19
1955	8	7	2	1	1,869	—	1,887	31,335	2	—	6
1956	—	1	7	—	2,019	—	2,027	32,604	2	—	6
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

Table v.—Chile.

Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.		
	Bluc.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations-	Floating factories-	Catchers.
1952	143	424	7	10	790	—	1,374	35,406	2	—	10
1953	172	283	21	24	698	—	1,198	30,169	2	—	8
1954	70	434	—	26	798	—	1,328	27,885	2	—	12
1955	150	359	5	32	746	¹⁾ 6	1,298	36,108	2	—	13
1956	209	202	3	48	1,171	—	1,633	41,751	2	—	12
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

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⁾ —

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⁾ —

¹⁾ Catch by fl. factories outside the Antarctic grounds. ²⁾ Incl. in the Antarctic statistics.

Table y.—Australia.

1952	—	—	1,787	—	—	—	1,787	91,830	4	—	10
1953	—	1	2,000	—	—	—	2,001	102,191	4	—	9
1954	—	—	2,038	—	—	—	2,039	100,515	5	—	9
1955	—	—	1,846	—	7	—	1,853	96,377	5	—	9
1956	1	1	1,989	—	61	—	2,051	104,607	5	—	11
1957	—	—	1,961	—	139	—	2,100	108,069	5	—	12
1958	2	—	1,807	—	233	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

¹⁾ Bryde-whales.

Table z.—New Zealand.

1952	—	—	121	1	—	—	122	4,800	1	—	3
1953	—	—	109	—	—	—	109	4,560	1	—	3
1954	—	—	180	—	—	—	180	8,820	1	—	3
1955	—	—	112	—	—	—	112	5,020	1	—	3
1956	—	—	143	14	—	—	159	6,325	2	—	4
1957	—	—	184	2	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
1957/58—1963/64.**

Year Grounds	By-products Whale meat-meal, bone-meal, grax-mil al, 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
1957-58..... Total	78,353	1,137	337	113	128,385	12,792	18,786
1958-59..... "	77,795	1,218	308	138	127,019	5,661	31,202
1959-60..... "	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.							
Antarctic.....	35,503	1,690	87	—	163,688	—	28,692
Africa:—Natal....	5,525	—	1) —	—	—	3,481	458
Cape Province...	2,635	—	—	—	1,070	—	99
Brazil: Paraiba....	318	—	—	—	993	—	13
Cabo Frio...	113	13	1	—	746	—	30
North Atl. and Arctic							
Azores.....	301	—	—	—	—	—	—
Madeira.....	143	—	—	—	—	—	—
Spain.....	175	—	—	—	167	—	—
Norway.....	269	8	—	—	587	—	—
Iceland.....	2,376	—	—	—	2,255	—	—
Faroe Islands...	12	—	—	—	23	—	—
Pacific North:—							
California.....	1,168	—	—	—	1,244	—	—
Oregon.....	9	—	—	—	43	64	—
British Columbia.	2,732	—	2) —	—	1,127	958	—
Kamtschatka....	7,934	552	3) —	—	4,090	—	—
Kuril Islands....	604	89	—	—	—	—	218
Bering Sea.....	62	—	117	—	18,431	—	5,607
Japan.....	5,336	—	—	—	8,455	—	3,277
Ryukyu Islands..	1	—	—	—	2	—	—
Peru.....	3,618	—	—	—	—	—	—
Chile.....	843	—	—	—	30	1,835	1
Australia.....	5,228	—	—	—	38	9,816	—
New Zealand.....	—	1	—	—	153	—	—
Total	74,905	2,353	205	—	203,142	16,154	38,395
1963-64.							
Antarctic.....	31,655	2,692	97	—	173,736	—	27,673
Africa:—Natal....	4,761	—	4) —	—	—	4,410	401
Cape Province...	2,980	—	—	—	955	—	131
Brazil:—Paraiba..	335	—	—	—	—	—	—
North Atl. and Arctic							
Azores.....	318	—	—	—	—	—	—
Madeira.....	99	—	—	—	—	—	—
Spain.....	310	—	—	—	265	—	—
Norway.....	136	14	—	—	544	—	—
Iceland.....	1,943	—	—	—	2,260	—	—
Faroe Islands....	16	—	—	—	84	—	—
Nova Scotia....	—	—	—	—	576	—	—
Newfoundland...	—	—	—	—	16	—	—
Pacific North:—							
California.....	1,484	—	—	—	2,015	—	—
Oregon.....	2	—	—	—	—	—	—
British Columbia.	3,034	—	—	—	3,060	336	—
Kamtschatka....	12,218	148	5) —	—	5,518	—	—
Kuril Islands....	423	69	—	—	—	—	—
Bering Sea.....	76	—	106	—	22,966	—	6,683
Japan.....	5,584	—	—	—	8,410	—	1,526
Peru.....	2,603	—	—	—	—	—	—
Chile.....	1,205	—	—	—	2,078	1,756	2
Australia.....	1,202	—	—	—	—	—	—
New Zealand.....	—	1	—	—	133	—	—
Total	70,384	2,924	203	—	222,616	6,502	36,416

¹) 1,030,023 mill. units liver oil, vitamin oil (Vitamin A) were produced. Further were produced of Vitamin A (Vitamin oil). ²) 325,600 mill. units. ³) 5,771,000 mill. units. ⁴) 1,116,923 mill. units. ⁵) 9,600,000 mill. units.

**Table Z².—Catch of small whales in the years 1959/60—1963/64,
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>1959—60.</i>							
Norway	3,429	193	331	82	—	—	—
Faroe Islands	22	—	1,680	—	—	—	—
Greenland	21	..	5	..	186	..	²⁾ 379
Newfoundland	11	—	1,957	—	—	—	—
Hudson Bay	—	—	—	—	385	—	—
California	—	—	—	—	—	2	—
Japan	253	—	168	48	—	147	178
U.S.S.R.	4	18	—	53	—	—	—
Antarctic	204	—	—	55	—	—	—
Total	3,944	211	4,141	238	571	149	557
<i>1960—61.</i>							
Norway	3,219	87	295	111	—	—	—
Faroe Islands	—	—	1,892	—	—	—	27
Greenland	26	—	—	—	³⁾ 33	—	³⁾ 7
Newfoundland	22	—	6,262	—	—	—	—
Hudson Bay	—	—	—	—	93	—	—
California	—	—	—	—	—	4	—
Japan	332	—	133	54	—	133	305
U.S.S.R.	1	3	—	4	—	—	—
Antarctic	162	—	—	64	—	—	—
Total	3,762	90	8,582	233	126	137	339
<i>1961—62.</i>							
Norway	3,286	321	43	124	—	—	—
Faroe Islands	—	—	1,762	—	—	—	—
Greenland	58	—	—	—	10	—	—
Newfoundland	45	—	150	—	—	—	—
Hudson Bay	—	—	—	—	174	—	—
British Columbia	—	—	—	—	—	1	—
Nova Scotia	5	40	70	—	—	—	—
Northwest Territories ..	—	—	—	—	97	—	—
Japan	238	—	80	47	—	145	377
U.S.S.R.	1	2	—	7	—	—	—
Antarctic	2	—	—	—	—	1	—
Total	3,635	363	2,105	178	281	147	377
<i>1962—63.</i>							
South Africa	1	—	—	—	—	—	—
Norway	3,233	267	71	90	—	—	—
Faroe Islands	—	3	2,194	—	—	—	—
Newfoundland	18	—	221	—	—	—	—
British Columbia	—	—	—	—	—	3	—
Hudson Bay	—	—	—	—	160	—	—
Nova Scotia	—	22	—	—	—	—	—
Northwest Territories ..	—	—	—	—	189	—	—
California	—	—	—	1	—	2	—
Japan	220	—	228	43	—	160	179
U.S.S.R.	—	—	—	20	—	5	—
Brazil	2	—	—	—	—	—	—
Antarctic	21	2	—	1	—	—	—
Total	3,495	294	2,714	155	349	170	179
<i>1963—64.</i>							
South Africa	1	—	—	—	—	—	—
Norway	2,732	307	54	77	—	—	—

¹ 1959—60 = Antarctic season 1959—60 and summer 1960, a.s.o. * Incl. probably some white-whales.

² Up to March 31st incl.

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>1963-64 cont.</i>							
Faroe Islands	-	3	1,386	-	-	-	-
Newfoundland	35	-	2,849	-	-	-	-
Hudson Bay	-	-	-	-	460	-	-
Northwest Territories .	-	-	-	-	853	-	-
Nova Scotia	19	14	-	2	-	-	-
California	-	-	-	-	-	1	-
Japan	301	-	217	99	-	189	434
U.S.S.R.	1	-	-	3	-	1	-
Brazil	44	-	-	-	-	-	-
Antarctic	101	-	-	10	-	-	-
Total	3,234	324	4,506	191	1,313	191	434

Table Z³.—Catch of Minke-whales (*Balaenoptera Acutorostrata*) 1960—1964, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Des.	
Norway:—														
Total	1960	-	-	21	132	690	1,458	444	574	110	-	-	-	3,429
	1961	-	-	18	161	865	1,425	245	412	93	-	-	-	3,219
	1962	-	-	31	129	657	1,376	348	659	86	-	-	-	3,286
	1963	-	-	14	161	835	1,273	328	557	65	-	-	-	3,233
	1964	-	-	12	101	646	937	354	624	58	-	-	-	2,732
Of which:														
Coastal districts ¹⁾	1960	-	-	-	-	-	-	-	-	-	-	-	-	1,428
	1961	-	-	-	-	-	-	-	-	-	-	-	-	1,411
	1962	-	-	-	-	-	-	-	-	-	-	-	-	1,501
	1963	-	-	-	-	-	-	-	-	-	-	-	-	1,620
	1964	-	-	-	-	-	-	-	-	-	-	-	-	1,795
Barents Sea, Spitzbergen and Bear Island ²⁾	1960	-	-	-	-	-	-	-	-	-	-	-	-	1,503
	1961	-	-	-	-	-	-	-	-	-	-	-	-	1,374
	1962	-	-	-	-	-	-	-	-	-	-	-	-	1,248
	1963	-	-	-	-	-	-	-	-	-	-	-	-	1,168
	1964	-	-	-	-	-	-	-	-	-	-	-	-	357
Shetland ¹⁾	1960	-	-	-	-	-	-	-	-	-	-	-	-	498
	1961	-	-	-	-	-	-	-	-	-	-	-	-	434
	1962	-	-	-	-	-	-	-	-	-	-	-	-	537
	1963	-	-	-	-	-	-	-	-	-	-	-	-	445
	1964	-	-	-	-	-	-	-	-	-	-	-	-	580
Denmark:—														
Faroe Islands....	1960	-	-	-	22	-	-	-	-	-	-	-	-	22
Greenland	1960	-	-	-	-	6	7	1	-	1	1	-	³⁾ 21	
	1961	-	-	-	2	5	5	3	2	3	2	2	⁴⁾ 26	
	1962	-	-	-	2	6	4	6	8	17	11	3	58	
United Kingdom:—														
Antarctic	1959/60	-	-	-	-	-	-	-	-	-	-	-	-	1
Canada:—														
Newfoundland ..	1960	-	-	-	-	-	3	6	1	1	-	-	-	11
	1961	-	-	-	-	-	8	11	2	1	-	-	-	22
	1962	-	-	-	-	-	-	-	-	-	-	-	-	45
	1963	-	-	-	-	-	-	-	-	-	-	-	-	18
	1964	-	-	-	-	5	19	10	1	-	-	-	-	35
Nova Scotia	1962	-	-	-	-	-	-	-	-	-	-	-	-	5
	1964	-	-	-	-	-	8	2	9	-	-	-	-	19

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. ³ Incl. 4 Minke-whales without specification for months. ⁴ Incl. 2 Minke-whales without specification for months.

Table Z³ (cont.).

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Japan:—														
Coastal districts	1960	—	—	13	69	77	44	33	10	6	1	—	—	253
	1961	—	—	18	68	95	73	39	16	22	1	—	—	332
	1962	—	—	6	53	85	56	31	1	3	3	—	—	238
	1963	—	—	6	35	46	43	44	34	11	1	—	—	220
	1964	1	—	6	75	68	77	50	20	4	—	—	—	301
Antarctic	1963/64	—	—	—	—	—	—	—	—	—	—	—	—	96
Brazil														
	1963	—	—	—	—	—	—	—	—	1	1	—	—	2
	1964	—	—	—	—	—	—	—	4	5	35	—	—	44
Africa:—														
Cape Province.	1963	—	—	—	—	—	—	—	—	1	—	—	—	1
Natal	1964	—	—	—	—	—	—	—	1	—	—	—	—	1
U.S.S.R.:—														
Kuril Islands ..	1960	—	—	—	—	1	—	1	2	—	—	—	—	4
	1961	—	—	—	—	—	1	—	—	—	—	—	—	1
	1962	—	—	—	—	—	1	—	—	—	—	—	—	1
Kamtchatka	1964	—	—	—	—	1	—	—	—	—	—	—	—	1
Antarctic	1959/60	—	—	—	—	—	—	—	—	—	—	63	140	203
	1960/61	3	15	4	—	—	—	—	—	—	—	40	100	162
	1961/62	1	—	—	1	—	—	—	—	—	—	—	—	2
	1962/63	2	2	15	—	—	—	—	—	—	—	1	1	21
	1963/64	—	—	—	—	—	—	—	—	—	—	—	—	5

Table Z⁴.—Catch of Bottlenoses (*Hyperoodon Rostrata*) 1960—1964, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1960	—	—	—	30	110	51	—	2	—	—	—	—	193
	1961	—	—	—	8	50	11	10	8	—	—	—	—	87
	1962	—	—	—	—	124	91	90	15	1	—	—	—	321
	1963	—	—	—	25	79	128	31	1	3	—	—	—	267
	1964	—	—	—	31	110	116	45	1	4	—	—	—	307
Of which:														
Coastal districts ¹⁾ . .	1960	—	—	—	—	—	—	—	—	—	—	—	—	43
	1961	—	—	—	—	—	—	—	—	—	—	—	—	28
	1962	—	—	—	—	—	—	—	—	—	—	—	—	5
	1963	—	—	—	—	—	—	—	—	—	—	—	—	36
	1964	—	—	—	—	—	—	—	—	—	—	—	—	14
Barents Sea, Spitzbergen and Bear Island ²⁾	1960	—	—	—	—	—	—	—	—	—	—	—	—	150
	1961	—	—	—	—	—	—	—	—	—	—	—	—	49
	1962	—	—	—	—	—	—	—	—	—	—	—	—	131
	1963	—	—	—	—	—	—	—	—	—	—	—	—	83
	1964	—	—	—	—	—	—	—	—	—	—	—	—	64
Shetland ¹⁾	1961	—	—	—	—	—	—	—	—	—	—	—	—	10
	1962	—	—	—	—	—	—	—	—	—	—	—	—	185
	1963	—	—	—	—	—	—	—	—	—	—	—	—	148
	1964	—	—	—	—	—	—	—	—	—	—	—	—	229
Denmark:—														
Faroe Islands	1963	—	—	—	—	—	—	—	—	3	—	—	—	3
	1964	—	—	—	—	—	—	—	—	3	—	—	—	3

¹⁾, ²⁾ See notes 1 and 2, page 34.

Table Z⁴ (cont.).

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Canada:—														
Nova Scotia	1962	—	—	—	—	—	—	—	—	—	—	—	—	40
	1963	—	—	—	—	—	—	—	—	—	—	—	—	22
	1964	—	—	—	—	—	10	1	—	2	1	—	—	14
U.S.S.R.:—														
Kuril Islands	1960	—	—	—	—	—	4	—	1	1	12	—	—	18
	1961	—	—	—	—	—	1	1	—	—	1	—	—	3
	1962	—	—	—	—	—	1	1	—	—	—	—	—	2
Antarctic	1963	—	—	2	—	—	—	—	—	—	—	—	—	2

Table Z⁵.—Catch of Pilot-whales (*Globicephala Melaena*) 1960—1964, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1960	—	—	—	—	22	—	37	266	6	—	—	—	331
	1961	—	—	—	—	3	1	23	267	1	—	—	—	295
	1962	—	—	—	—	3	—	2	38	—	—	—	—	43
	1963	—	—	—	—	7	10	—	54	—	—	—	—	71
	1964	—	—	—	—	3	—	16	35	—	—	—	—	54
Of which:														
Coastal districts ¹)	1960	—	—	—	—	—	—	—	—	—	—	—	—	52
	1961	—	—	—	—	—	—	—	—	—	—	—	—	153
	1962	—	—	—	—	—	—	—	—	—	—	—	—	21
	1963	—	—	—	—	—	—	—	—	—	—	—	—	23
	1964	—	—	—	—	—	—	—	—	—	—	—	—	4
Shetland ¹)	1960	—	—	—	—	—	—	—	—	—	—	—	—	279
	1961	—	—	—	—	—	—	—	—	—	—	—	—	142
	1962	—	—	—	—	—	—	—	—	—	—	—	—	22
	1963	—	—	—	—	—	—	—	—	—	—	—	—	48
	1964	—	—	—	—	—	—	—	—	—	—	—	—	50
Denmark:—														
Faroe Islands	1960	—	—	—	90	—	367	710	306	207	—	—	—	1,680
	1961	—	—	—	—	59	505	533	157	270	112	—	256	1,892
	1962	—	—	—	—	244	140	460	371	228	36	122	152	1,753
	1963	176	250	—	—	—	—	—	799	667	70	55	177	2,194
	1964	267	—	—	—	—	—	—	507	612	—	—	—	1,386
Canada:—														
Newfoundland	1960	—	—	—	—	—	141	107	807	902	—	—	—	1,957
	1961	—	—	—	—	—	151	441	2,815	2,334	521	—	—	6,262
	1962	—	—	—	—	—	—	—	—	—	—	—	—	150
	1963	—	—	—	—	—	—	—	—	—	—	—	—	221
	1964	—	—	—	—	—	—	161	2,188	500	—	—	—	2,849
Nova Scotia	1962	—	—	—	—	—	—	—	—	—	—	—	—	70
Japan:—														
Coastal districts	1960	5	8	9	13	13	36	14	22	9	17	10	12	168
	1961	1	8	2	3	31	17	8	22	12	5	10	14	133
	1962	—	2	2	2	6	1	—	—	16	22	28	1	80
	1963	—	9	1	15	5	28	30	30	9	29	43	29	228
	1964	12	5	—	7	25	25	20	12	14	38	30	29	217

¹ See note 1 page 34.

Table Z^a.—Catch of Killer-whales (*Orcinus orca*) 1960—1964, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1960	—	—	3	18	23	10	5	17	6	—	—	—	82
	1961	—	26	1	14	14	11	11	29	5	—	—	—	111
	1962	—	3	23	9	16	11	15	38	9	—	—	—	124
	1963	—	—	10	7	29	20	4	18	2	—	—	—	90
	1964	—	—	—	10	23	3	5	20	16	—	—	—	77
Of which:														
Coastal districts ¹⁾ ...	1960	—	—	—	—	—	—	—	—	—	—	—	—	40
	1961	—	—	—	—	—	—	—	—	—	—	—	—	57
	1962	—	—	—	—	—	—	—	—	—	—	—	—	46
	1963	—	—	—	—	—	—	—	—	—	—	—	—	47
	1964	—	—	—	—	—	—	—	—	—	—	—	—	25
Barents Sea, Spitzbergen and Bear Island ²⁾	1960	—	—	—	—	—	—	—	—	—	—	—	—	14
	1961	—	—	—	—	—	—	—	—	—	—	—	—	11
	1962	—	—	—	—	—	—	—	—	—	—	—	—	11
	1963	—	—	—	—	—	—	—	—	—	—	—	—	15
	1964	—	—	—	—	—	—	—	—	—	—	—	—	5
Shetland ¹⁾	1960	—	—	—	—	—	—	—	—	—	—	—	—	28
	1961	—	—	—	—	—	—	—	—	—	—	—	—	43
	1962	—	—	—	—	—	—	—	—	—	—	—	—	67
	1963	—	—	—	—	—	—	—	—	—	—	—	—	28
	1964	—	—	—	—	—	—	—	—	—	—	—	—	47
Canada:—														
Nova Scotia	1964	—	—	—	—	1	1	—	—	—	—	—	—	2
Japan:														
Coastal districts ..	1960	2	—	—	2	2	4	7	6	10	3	10	2	48
	1961	1	2	9	5	9	4	4	4	4	5	5	2	54
	1962	—	5	2	5	—	4	5	5	13	8	—	—	47
	1963	—	3	2	5	2	2	3	—	1	1	12	12	43
	1964	3	2	3	—	1	6	11	4	11	19	23	16	99
U.S.A.:—														
California	1963	—	—	—	—	—	1	—	—	—	—	—	—	1
U.S.S.R.:—														
Kamtchatka	1960	—	—	—	—	—	—	8	—	—	—	—	—	8
	1963	—	—	—	—	—	—	—	6	10	—	—	—	16
	1964	—	—	—	2	1	—	—	—	—	—	—	—	3
Kuril Islands	1960	—	—	—	2	3	—	15	1	3	21	—	—	45
	1961	—	—	—	—	—	4	—	—	—	—	—	—	4
	1962	—	—	—	—	—	3	—	1	3	—	—	—	7
	1963	—	—	—	—	—	3	—	1	—	—	—	—	4
Antarctic	1959-60	—	—	—	—	—	—	—	—	—	—	25	30	55
	1960-61	—	—	8	—	—	—	—	—	—	—	19	37	64
	1961-62	—	—	—	—	—	—	—	—	—	—	—	—	—
	1962-63	—	—	1	—	—	—	—	—	—	—	—	—	1
	1963-64	—	—	—	—	—	—	—	—	—	—	—	—	10

¹⁾, ²⁾ See notes 1 and 2, page 34.

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

Table Z².—Catch of White-whales, (*Delphinapterus leucas*) 1960—1964, by months and whaling grounds.

Grounds	Year	Months												Total	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Canada:— Hudson Bay	1960	—	—	—	—	—	—	—	—	—	—	—	—	—	385
	1961	—	—	—	—	—	—	3	52	38	—	—	—	—	93
	1962	—	—	—	—	—	—	—	—	—	—	—	—	—	174
	1963	—	—	—	—	—	—	—	—	—	—	—	—	—	160
	1964	—	—	—	—	—	—	—	—	—	—	—	—	—	460
Northwest Territories	1962	—	—	—	—	—	—	—	—	—	—	—	—	—	97
	1963	—	—	—	—	—	—	—	—	—	—	—	—	—	189
	1964	—	—	—	—	—	—	—	—	—	—	—	—	—	853
Greenland:—	1962	—	—	7	3	—	—	—	—	—	—	—	—	—	10

Table Z³.—Catch of Baird's beaked whales (*Berardius Bairdii*) 1960—1964, 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	1960	—	—	—	—	—	—	—	—	1	1	—	—	—	2
	1961	—	—	—	—	—	1	3	—	—	—	—	—	—	4
	1962	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1963	—	—	—	—	1	—	1	—	—	—	—	—	—	2
	1964	—	—	—	—	—	—	—	—	1	—	—	—	—	1
Canada:— British Columbia ..	1962	—	—	—	—	—	—	—	1	—	—	—	—	—	1
	1963	—	—	—	—	1	—	—	2	—	—	—	—	—	3
Japan:— Coastal districts ...	1960	—	—	—	—	—	9	49	33	33	13	9	1	—	147
	1961	—	—	—	—	6	16	30	39	21	9	7	5	—	133
	1962	—	—	—	—	4	8	38	50	20	15	9	1	—	145
	1963	—	—	—	—	4	11	13	41	39	31	17	4	—	160
	1964	—	1	—	—	3	8	29	50	44	39	11	4	—	189
U.S.S.R.:— Kamchatka	1963	—	—	—	1	—	—	—	—	2	—	—	—	—	3
	1964	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kuril Islands	1963	—	—	—	—	—	1	—	1	—	—	—	—	—	2
	1964	—	—	—	—	1	—	—	—	—	—	—	—	—	1
Antarctic	1962	—	—	—	1	—	—	—	—	—	—	—	—	—	1

Table Z⁴.—Catch of others or unspecified small whales 1960—1964, by months and whaling grounds.

Grounds	Year	Months												Total	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Denmark:— Faroe Islands	1960	—	—	—	—	—	—	40	—	—	—	—	—	—	40
	1961	—	—	—	—	—	—	—	—	27	—	—	—	—	27
Japan:— Coastal districts ...	1960	84	5	7	7	5	2	14	21	20	8	1	4	—	178
	1961	85	5	8	10	16	10	9	21	27	17	16	81	—	305
	1962	45	13	26	42	27	30	11	1	9	4	27	142	—	377
	1963	5	19	19	16	15	1	6	9	12	7	32	38	—	179
	1964	93	94	75	33	32	14	8	4	5	7	28	41	—	434

TABLES

Antarctic season 1963/64 and summer season 1964.

Table No. 1.—Whaling in 1963/64 and summer 1964.

Geographical areas.	Species of whales caught.							Oil production. Barrels ⁷⁾	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia	—	552	—	409	60	—	1,021	41,282	2	—	1) ¹⁾ 16
Antarctic, pelagic whaling	112	13,870	2	8,286	6,651	—	28,921	1,299,476	—	16	190
Africa:—											
Natal	5	272	—	282	2,113	—	2,672	61,760	1	—	10
Cape Province . . .	1	29	—	673	728	2) ²⁾ 107	1,538	27,393	1	—	5
Brazil	—	—	—	256	4	—	260	3,936	1	—	1
North Atlantic and Arctic:—											
Azores	—	—	—	—	478	—	478	13,819	—	—	—
Madeira	—	—	—	—	133	—	133	2,237	—	—	—
Spain	—	—	—	—	182	3) ³⁾ 37	219	6,010	2	—	3
Norway	1	38	—	—	49	—	88	3,677	2	—	6
Faroe Islands . . .	—	13	1	—	5	—	19	607	1	—	1
Iceland	—	217	—	89	138	—	444	18,913	1	—	4
Nova Scotia	—	56	—	—	4	—	60	957	1	—	2
Newfoundland . . .	—	1	—	1	—	—	2	—	—	—	—
Pacific North:—											
California	2	147	27	13	63	4) ⁴⁾ 20	272	8,331	2	—	5
Oregon	—	—	—	—	1	—	1	12	1	—	1
British Columbia .	12	141	10	612	105	—	880	16,170	1	—	5
N. Pacific Ocean and Bering Sea, pelagic	42	1,007	—	1,533	2,461	—	5,043	183,183	—	3	21
Kam'tchatka, pel. .	77	2,500	242	595	5,432	5) ⁵⁾ 1	8,847	272,040	—	4	46
Kur I Islands	—	76	—	35	452	—	563	12,382	2	—	4
Japan	7	120	1	854	1,800	2) ²⁾ 19	2,801	45,540	13	—	22
Peru	1	6	35	1	2,023	—	2,066	40,745	3	—	10
Chile	112	136	—	47	1,213	—	1,508	36,620	3	—	13
Australia	—	—	—	—	710	—	710	30,108	1	—	3
New Zealand	—	1	—	4	134	—	139	5,713	1	—	1
South Atlantic Ocean, pelagic ⁶⁾ . .	—	—	—	—	442	—	442	7,850	—	—	—
Indian Ocean, pelagic ⁶⁾	—	—	—	—	2,095	—	2,095	52,048	—	—	—
South Pacific Ocean, pelagic ⁶⁾	—	—	—	—	1,779	—	1,779	37,671	—	—	—
Total	372	19,182	318	13,690	29,255	184	63,001	2,228,480	39	23	357

1) 12 of the boats were, after about 2 months of operation, transferred to the pelagic whaling. 2) Bryde-whales. 3) Baleen whales, not specified. 4) Grey-whales. 5) Right-whales. 6) Catch by floating factories outside the Antarctic whaling grounds in 1964. (Catch north of 40° South Lat.) 7) Barrel = 170 kg. (Barrel = abt. 1/4 long ton, 1 long ton = 1,016 kg.)

Table No. 2.—Norwegian whaling in 1963/64 and summer 1964.

Geographical areas.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales		Shore stations.	Floating factories.	Catchers.
Antarctic, pelagic whaling	—	2,097	—	2,617	917	—	5,631	247,432	—	4	33
S. Atlantic Ocean, pelagic whaling ¹⁾	—	—	—	—	412	—	412	7,055	—	—	—
Norway	1	38	—	—	49	—	88	3,677	2	—	6
Total	1	2,135	—	2,617	1,378	—	6,131	258,164	2	4	39

¹⁾ Catch by floating factories outside the Antarctic whaling grounds in 1964. (Catch north of 40° South Latitude.)
²⁾ Barrel = 170 kg. (Barrel = $\frac{1}{6}$ long ton, 1 long ton = 1,016 kg.)

Table No. 3.—Whaling of Japan in 1963/64 and summer 1964.

Geographical areas.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia	—	552	—	409	60	—	1,021	41,282	2	—	¹⁾ 16
Antarctic, pelagic whaling	38	8,444	—	2,039	1,877	—	12,398	625,394	—	7	78
N. Pacific Ocean and Bering Sea, pelagic	42	1,007	—	1,533	2,461	—	5,043	183,183	—	3	21
Japan	7	120	1	854	1,800 ²⁾	19	2,801	45,540	13	—	22
Indian Ocean, pel. ³⁾	—	—	—	—	1,038	—	1,038	20,334	—	—	—
S. Pacif. Ocean, pel. ³⁾	—	—	—	—	1,779	—	1,779	37,671	—	—	—
Total	87	10,123	1	4,835	9,015	19	24,080	953,404	15	10	125

¹⁾ 12 of these catchers were also operating for the pelagic expeditions. ²⁾ Bryde-whales. ³⁾ Catch by floating factories outside the Antarctic whaling grounds in 1964. (Catch north of 40° South Latitude.)

Table No. 4.—Whaling of U.S.S.R. in 1963/64 and summer 1964.

Geographical areas.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
Antarctic, pelagic whaling	74	2,724	—	3,390	3,522	—	9,710	363,268	—	4	68
Kamchatka, pelagic	77	2,500	242	595	5,432 ¹⁾	1	8,847	272,040	—	4	46
Kuril Islands	—	76	—	35	452	—	563	12,382	2	—	4
South Atlantic Ocean, pelagic ²⁾	—	—	—	—	30	—	30	795	—	—	—
Indian Ocean, pel. ²⁾	—	—	—	—	1,057	—	1,057	31,714	—	—	—
Total	151	5,300	242	4,020	10,493	1	20,207	680,199	2	8	118

¹⁾ Right-whale, taken for scientific purposes. ²⁾ Catch by floating factories outside the Antarctic whaling grounds in 1964. (Catch north of 40° South Latitude.)

Table No. 5.—Whaling results for the various countries in 1963/64 and summer 1964.

Countries.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing fac-tories.	Catch-ers.
								Barrels			
Japan	87	10,123	1	4,835	9,015	¹⁾ 19	24,080	953,404	15	10	125
U.S.S.R.	151	5,300	242	4,020	10,493	²⁾ 1	20,207	680,199	2	8	118
Norway	1	2,135	—	2,617	1,378	—	6,131	258,164	2	4	39
South Africa	6	301	—	955	2,841	¹⁾ 107	4,210	89,153	2	—	15
Netherlands	—	605	2	240	335	—	1,182	63,382	—	1	11
Peru	1	6	35	1	2,023	—	2,066	40,745	3	—	10
Chile	112	136	—	47	1,213	—	1,508	36,620	3	—	13
Australia	—	—	—	—	710	—	710	30,108	1	—	3
Iceland	—	217	—	89	138	—	444	18,913	1	—	4
Canada	12	198	10	613	109	—	942	17,127	2	—	7
Portugal	—	—	—	—	611	—	611	16,056	—	—	—
U.S.A.	2	147	27	13	64	³⁾ 20	273	8,343	3	—	6
Spain	—	—	—	—	182	⁴⁾ 37	219	6,010	2	—	3
New Zealand	—	1	—	4	134	—	139	5,713	1	—	1
Brazil	—	—	—	256	4	—	260	3,936	1	—	1
Denmark	—	13	1	—	5	—	19	607	1	—	1
Total	372	19,182	318	13,690	29,255	184	63,001	2,228,480	39	23	357

¹⁾ Bryde-whales. ²⁾ Right-whales. ³⁾ Grey-whales. ⁴⁾ Baleen whales, not specified.

Table No. 6.—Average size of whales caught in the summer season 1964.

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
A. Blue-whales.				
<i>Africa:—</i>				
Natal	—	68.60	—	68.60
Males 5.				
Cape Province	—	—	65.00	65.00
Females 1.				
Africa, total	—	68.60	65.00	68.00
Males 5 } Total 6.				
Females 1 }				
<i>North Atlantic and Arctic:—</i>				
Norway	—	59.00	—	59.00
Males 1.				
<i>Pacific North:—</i>				
California	No. 1	—	69.00	69.00
Females 2.	„ 2	—	75.00	75.00
Average		—	72.00	72.00

Table No. 6 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
British Columbia	--	64.25	63.88	64.00
Males 4 } Total 12.				
Females 8 }				
North Pacific Ocean and Bering Sea, pelagic	No. 1	76.08	76.09	76.09
Males 20 } Total 42.	" 2	79.00	78.50	78.75
Females 22 }	" 3	75.67	76.33	76.07
Average		76.25	76.41	76.33
Kamtchatka, pelagic.....	No. 1	72.33	75.00	74.00
Males 36 } Total 77.	" 2	73.80	75.00	74.50
Females 41 }	" 3	72.83	76.64	74.69
Average		73.06	75.88	74.56
Japan	No. 1	—	65.00	65.00
Males 2 } Total 7.	" 2	—	66.00	66.00
Females 5 }	" 3	66.00	70.00	68.40
Average		66.00	68.20	67.57
Pacific North, total.....	—	73.29	74.21	73.80
Males 62 } Total 140.				
Females 78 }				
Chile	No. 1	70.04	71.94	71.07
Males 50 } Total 108.	" 2	69.75	70.41	70.10
Females 58 }	" 3 ¹⁾			
Average		69.90	71.22	70.61
B. Fin-whales.				
<i>Africa:—</i>				
Natal	—	59.91	61.16	60.56
Males 131 } Total 271.				
Females 140 }				
Cape Province.....	—	57.73	60.86	59.24
Males 15 } Total 29.				
Females 14 }				
Africa, total.....	—	59.68	61.14	60.43
Males 146 } Total 300.				
Females 154 }				
<i>North Atlantic and Arctic:—</i>				
Norway	No. 1	56.33	67.00	61.67
Males 18 } Total 38.	" 2	58.60	63.47	61.19
Females 20 }				
Average		58.22	64.00	61.26
Faroe Islands.....	—	60.50	61.00	60.85
Males 4 } Total 13.				
Females 9 }				

¹⁾ No information received.

Table No. 6 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
Iceland	—	59.58	61.77	60.67
Males 109 } Total 217.				
Females 108 }				
Nova Scotia	—	55.42	56.97	56.39
Males 19 } Total 56. ¹⁾				
Females 36 }				
Newfoundland	—	55.00	—	55.00
Male 1.				
North Atlantic and Arctic, total	—	58.89	60.99	59.99
Males 151 } Total 325. ¹⁾				
Females 173 }				
<i>Pacific North</i> —				
California	No. 1	60.00	60.96	60.42
Males 73 } Total 147.	„ 2	57.93	61.49	59.86
Females 74 }				
Average		58.78	61.32	60.06
British Columbia	—	56.02	58.21	57.35
Males 55 } Total 141.				
Females 86 }				
North Pacific Ocean and				
Bering Sea, pelagic	No. 1	60.38	63.11	61.51
Males 547 } Total 1,007.	„ 2	60.38	63.05	61.70
Females 460 }	„ 3	59.96	61.90	60.83
Average		60.30	62.84	61.46
Kamtschatka, pelagic	No. 1	57.33	59.26	58.33
Males 1,210 } Total 2,497.	„ 2	59.75	61.78	60.81
Females 1,287 }	„ 3	60.21	61.81	61.03
Average		59.87	61.71	60.81
Kuril Islands	—	60.23	60.24	60.24
Males 39 } Total 76.				
Females 37 }				
Japan	No. 1	52.41	51.82	52.12
Males 60 } Total 120.	„ 2	57.65	58.32	58.00
Females 60 }	„ 3	56.67	65.50	60.20
	„ 4	58.55	62.46	60.67
	„ 5	57.67	—	57.67
Average		56.28	57.62	56.95
Pacific North, total	—	59.74	61.62	60.68
Males 1,984 } Total 3,988.				
Females 2,004 }				

¹⁾ Incl. 1 fin-whale, sex not stated.

Table No. 6 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<i>Chile</i>	No. 1	Engl. feet. 59.75	Engl. feet. 55.33	Engl. feet. 57.86
Males 50 } Total 107.	" 2	55.72	57.24	56.54
Females 57 }	" 3 ¹⁾			
Average		56.04	57.14	56.63
<i>New Zealand</i>	—	56.00	—	56.00
Males 1.				
<u>C. Humpbacks.</u>				
<i>North Atlantic and Arctic:—</i>				
Faroe Islands	—	48.00	—	48.00
Male 1.				
<i>Pacific North:—</i>				
California	No. 1	40.00	37.75	38.88
Males 14 } Total 27.	" 2	41.60	43.56	42.53
Females 13 }				
Average		41.14	41.77	41.44
British Columbia	—	32.33	40.00	37.70
Males 3 } Total 10.				
Females 7 }				
Kamtchatka, pelagic	No. 1	37.33	38.59	37.94
Males 130 } Total 242.	" 2	40.38	41.84	41.14
Females 112 }	" 3	40.17	41.53	40.67
Average		39.87	41.26	40.51
Japan	—	37.00	—	37.00
Males 1.				
Pacific North, total.....	—	39.82	41.24	40.49
Males 148 } Total 280.				
Females 132 }				
<u>D Sei-whales.</u>				
<i>Africa:—</i>				
Natal	—	44.00	43.76	43.91
Males 141 } Total 282.				
Females 141 }				
Cape Province	—	43.30	44.97	44.26
Males 283 } Total 673.				
Females 390 }				
Africa, total.....	—	43.54	44.66	44.16
Males 424 } Total 955.				
Females 531 }				
<i>Brazil:</i>	—	48.42	52.49	49.90
Males 163 } Total 256.				
Females 93 }				

¹⁾ No information received.

Table No. 6 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<i>North Atlantic and Arctic:—</i>				
Iceland	—	Engl. feet.	Engl. feet.	Engl. feet.
Males 33 } Total 89.		43.18	44.96	44.30
Females 56 }				
Newfoundland	--	49.00	—	49.00
Males 1.				
North Atlantic and Arctic, total	--	43.35	44.96	44.36
Males 34 } Total 90.				
Females 56 }				
<i>Pacific North:—</i>				
California	No. 1	40.00	47.00	45.60
Males 4 } Total 13.	" 2	45.33	46.80	46.25
Females 9 }				
Average		44.00	46.89	46.00
British Columbia	—	43.64	44.50	44.00
Males 353 } Total 612.				
Females 259 }				
North Pacific Ocean and Bering Sea, pelagic	No. 1	45.48	47.37	46.25
Males 938 } Total 1,533.	" 2	45.73	47.64	46.49
Females 595 }	" 3	44.57	46.49	45.29
Average		44.97	46.90	45.72
Kamtschatka, pelagic	No. 1	43.89	45.31	44.69
Males 321 } Total 591.	" 2	46.24	47.18	46.66
Females 270 }	" 3	46.22	47.02	46.57
Average		45.96	46.80	46.34
Kuril Islands	—	46.83	45.40	46.41
Males 24 } Total 34.				
Females 10 }				
Japan	No. 1	40.86	41.42	41.13
Males 431 } Total 873. ¹⁾	" 2	42.32	43.71	43.02
Females 442 }	" 3	41.84	41.95	41.89
	" 4	42.87	43.41	43.17
	" 5	41.83	43.16	42.52
Average		41.83	42.71	42.28
Pacific North, total	—	44.27	45.33	44.73
Males 2,071 } Total 3,656.				
Females 1,585 }				
<i>Chile</i>	No. 1	44.44	43.38	43.94
Males 14 } Total 38.	" 2	43.40	44.94	44.57
Females 24 }	" 3 ²⁾			
Average		44.07	44.42	44.29

¹⁾ Incl. 19 Bryde-whales. ²⁾ No information received.

Table No. 6 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
<u>E. Sperm-whales.</u>				
<i>Africa:—</i>				
Natal	—	40.17	35.94	37.79
Males 922 } Total 2,113.				
Females 1,191 }				
Cape Province	—	38.56	33.62	37.51
Males 573 } Total 728.				
Females 155 }				
Africa, total	—	39.53	35.68	37.70
Males 1,495 } Total 2,841.				
Females 1,346 }				
<i>Brazil</i>	—	37.75	—	37.75
Males 4.				
<i>North Atlantic and Arctic:—</i>				
Azores	—	42.59	33.73	39.96
Males 336 } Total 478.				
Females 142 }				
Madeira	—	40.27	30.72	34.38
Males 51 } Total 133.				
Females 82 }				
Norway	No. 1	50.71	—	50.71
Males 47.	„ 2	48.95	—	48.95
	Average	49.21	—	49.21
Faroe Islands	—	53.00	—	53.00
Males 5.				
Iceland	—	51.21	—	51.21
Males 138.				
Nova Scotia	—	49.00	—	49.00
Males 4.				
North Atlantic and Arctic, total (excl. Azores and Madeira)..	—	50.73	—	50.73
Males 194.				
<i>Pacific North:—</i>				
California	No. 1	39.53	37.00	39.39
Males 54 } Total 63.	„ 2	39.59	35.75	38.91
Females 9 }				
	Average	39.57	35.89	39.05
Oregon	—	36.00	—	36.00
Males 1.				
British Columbia	—	40.95	34.24	38.08
Males 60 } Total 105.				
Females 45 }				

Table No. 6 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
North Pacific Ocean and Bering Sea, pelagic	No. 1	44.95	40.00	44.94
Males 2,442 } Total 2,459.	" 2	47.06	39.00	47.01
Females 17 }	" 3	44.89	39.00	44.81
Average		45.63	39.06	45.59
Kamtchatka, pelagic	No. 1	44.10	38.00	42.90
Males 4,580 } Total 5,422.	" 2	42.06	38.08	41.57
Females 842 }	" 3	41.36	38.52	40.85
Average	" 4	41.40	38.26	40.98
Kuril Islands	—	39.74	35.83	38.09
Males 260 } Total 450.				
Females 190 }				
Japan	No. 1	37.37	35.59	36.54
Males 949 } Total 1,799.	" 2	38.31	35.78	37.36
Females 850 }	" 3	37.71	36.31	36.57
Average	" 4	37.83	35.93	37.10
	" 5	38.68	35.38	36.85
Pacific North, total	—	42.57	36.82	41.48
Males 8,346 } Total 10,299.				
Females 1,953 }				
Chile	No. 1	36.94	31.99	34.89
Males 608 } Total 1,039.	" 2 ¹⁾			
Females 431 }				
Australia	—	42.71	35.31	42.58
Males 697 } Total 710.				
Females 13 }				
New Zealand	—	45.41	36.38	44.84
Males 119 } Total 127.				
Females 8 }				
Indian Ocean, pelagic	No. 1	42.06	37.20	41.71
Males 1,441 } Total 2,095.	" 2	42.90	36.86	42.67
Females 654 }	" 3	43.56	36.80	43.24
Average	" 4	40.60	37.85	39.23
	" 5	40.68	37.93	39.20
	" 6	39.78	38.07	39.20
	" 7	41.18	38.47	39.17
	" 8	43.62	—	43.62
	" 9	38.30	38.00	38.28
	" 10	41.49	—	41.49
South Pacific Ocean pelagic	No. 1	40.27	38.30	38.77
Males 638 } Total 1,779.	" 2	43.70	38.61	40.66
Females 1,141 }				
Average		43.09	38.51	40.15

¹⁾ No information received.

Table No. 6 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<i>South Atlantic Ocean</i> , pelagic ... Males 431 } Total 434. Females 3 }	No. 1	Engl. feet. 43.24	Engl. feet. 34.00	Engl. feet. 42.93
	" 2	38.58	—	38.58
	" 3	38.64	34.00	38.47
	" 4	40.25	—	40.25
	" 5	41.56	—	41.56
	Average		39.48	34.00
F. Bryde-whales.				
<i>Africa</i> :—				
Cape Province.....	—	42.03	42.95	42.36
Males 68 } Total 107. Females 39 }				

Table No. 7.—Whales caught in the summer season 1964,
by species, sex and size.I. Natal.
Blue-whales.

Engl. feet.	Number of		Total animals.	Average size: Males: 68.60 feet.
	males.	females.		
66	1	—	1	
68	2	—	2	
69	1	—	1	
72	1	—	1	
Sum	5	—	5	

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
49	1	—	1	70	3	5	8
52	1	1	2	71	—	2	2
55	7	4	11	72	—	3	3
56	19	12	31	73	—	2	2
57	9	28	37	74	—	1	1
58	19	13	32	75	—	2	2
59	17	12	29	76	—	1	1
60	19	14	33	78	—	1	1
61	6	7	13	79	—	1	1
62	5	9	14	Sum	131	¹⁾ 140	¹⁾ 271
63	4	9	13	Average size { Males: 59.91 feet Females: 61.16 " Total animals: 60.56 "			
64	1	3	4	Per cent { Males: 48.34 Females: 51.66			
65	7	1	8				
66	1	4	5				
67	3	3	6				
68	5	2	7				
69	4	—	4				

¹⁾ In addition one fin-whale female half eaten by sharks.

Table No. 7 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
35	2	—	2	49	7	3	10	
36	—	7	9	50	4	9	13	
37	11	4	15	51	—	5	5	
38	4	2	6	52	4	3	7	
39	5	13	18	53	—	3	3	
40	6	16	22	55	—	1	1	
41	9	6	15	Sum	141	141	282	
42	12	14	26	Average size	Males:	44.00 feet	"	
43	10	9	19			Females:		43.76
44	11	11	22					Total animals:
45	6	8	14	Per cent	Males:	50.00	"	
46	14	8	22			Females:		50.00
47	14	12	26					
48	20	7	27					

Sperm-whales.

27	1	—	1	46	39	—	39	
30	—	3	3	47	35	—	35	
31	2	7	9	48	26	—	26	
32	5	11	16	49	9	—	9	
33	6	22	28	50	10	—	10	
34	7	31	38	51	6	—	6	
35	57	335	392	52	4	—	4	
36	124	415	539	53	2	—	2	
37	127	262	389	54	1	—	1	
38	104	87	191	Sum	922	1,191	2,113	
39	66	15	81	Average size	Males:	40.17 feet	"	
40	53	3	56			Females:		35.94
41	42	—	42					Total animals:
42	42	—	42	Per cent	Males:	43.63	"	
43	50	—	50			Females:		56.37
44	59	—	59					
45	45	—	45					

2. Cape Province.

Blue-whales.

1 female of 65 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
46	—	1	1	66	1	—	1	
52	1	—	1	68	—	1	1	
53	1	—	1	70	—	1	1	
54	1	—	1	78	—	1	1	
55	1	1	2	Sum	15	14	29	
56	2	1	3	Average size	Males:	57.73 feet	"	
57	3	2	5			Females:		60.86
58	2	1	3					Total animals:
59	—	1	1	Per cent	Males:	51.72	"	
60	1	—	1			Females:		48.28
62	1	4	5					
65	1	—	1					

Table No. 7 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
31	—	1	1	48	32	28	60
32	—	1	1	49	15	24	39
34	3	3	6	50	8	36	44
35	15	18	33	51	—	32	32
36	15	21	36	52	—	14	14
37	13	11	24	53	—	15	15
38	17	18	35	54	—	9	9
39	12	13	25	55	1	1	2
40	9	17	26	56	—	1	1
41	13	14	27	Sum	283	390	673
42	14	18	32	Average size {			Males: 43.30 feet
43	13	14	27	{			Females: 44.97 "
44	11	16	27	{			Total animals: 44.26 "
45	24	14	38	Per cent {			Males: 42.05
46	35	27	62	{			Females: 57.95
47	33	24	57				

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
24	1	—	1	42	33	—	33
26	1	—	1	43	39	—	39
27	—	1	1	44	24	—	24
28	1	1	2	45	31	—	31
29	1	3	4	46	10	—	10
30	1	4	5	47	9	—	9
31	5	6	11	48	3	—	3
32	4	12	16	49	2	—	2
33	15	41	56	51	2	—	2
34	45	44	89	Sum	573	155	728
35	77	26	103	Average size {			Males: 38.56 feet
36	78	10	88	{			Females: 33.62 "
37	48	6	54	{			Total animals: 37.51 "
38	51	1	52	Per cent {			Males: 78.71
39	25	—	25	{			Females: 21.29
40	30	—	30				
41	37	—	37				

Bryde-whales.

28	—	1	1	45	1	7	8
31	1	—	1	46	—	5	5
33	—	1	1	47	2	3	5
34	2	1	3	49	—	1	1
35	1	1	2	Sum	68	39	107
36	1	1	2	Average size {			Males: 42.03 feet
38	1	—	1	{			Females: 42.95 "
40	4	2	6	{			Total animals: 42.36 "
41	5	—	5	Per cent {			Males: 63.55
42	19	2	21	{			Females: 36.45
43	16	6	22				
44	15	8	23				

Table No. 7 (continued).

3. Summary Africa.
(Natal and Cape Province.)

Blue-whales.

Engl. feet.	Number of		Total animals.	
	males.	females.		
65	—	1	1	Average size { Males: 68.60 feet Females: 65.00 „ Total animals: 68.00 „
66	1	—	1	
68	2	—	2	
69	1	—	1	
72	1	—	1	
Sum	5	1	6	Per cent { Males: 83.33 Females: 16.67

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
46	—	1	1	69	4	—	4
49	1	—	1	70	3	6	9
52	2	1	3	71	—	2	2
53	1	—	1	72	—	3	3
54	1	—	1	73	—	2	2
55	8	5	13	74	—	1	1
56	21	13	34	75	—	2	2
57	12	30	42	76	—	1	1
58	21	14	35	78	—	2	2
59	17	13	30	79	—	1	1
60	20	14	34	Sum	146	154	1) 300
61	6	7	13	Average size { Males: 59.68 feet Females: 61.14 „ Total animals: 60.43 „			
62	6	13	19				
63	4	9	13				
64	1	3	4				
65	8	1	9				
66	2	4	6				
67	3	3	6				
68	5	3	8				
					Per cent { Males: 48.67 Females: 51.33		

¹⁾ In addition 1 fin-whale female half eaten by sharks.

Sei-whales.

31	—	1	1	48	52	35	87
32	—	1	1	49	22	27	49
34	3	3	6	50	12	45	57
35	17	18	35	51	—	37	37
36	17	28	45	52	4	17	21
37	24	15	39	53	—	18	18
38	21	20	41	54	—	9	9
39	17	26	43	55	1	2	3
40	15	33	48	56	—	1	1
41	22	20	42	Sum	424	531	955
42	26	32	58	Average size { Males: 43.54 feet Females: 44.66 „ Total animals: 44.16 „			
43	23	23	46				
44	22	27	49				
45	30	22	52				
46	49	35	84				
47	47	36	83	Per cent { Males: 44.40 Females: 55.60			

Table No. 7 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
24	1	—	1	44	83	—	83
26	1	—	1	45	76	—	76
27	1	1	2	46	49	—	49
28	1	1	2	47	44	—	44
29	1	3	4	48	29	—	29
30	1	7	8	49	11	—	11
31	7	13	20	50	10	—	10
32	9	23	32	51	8	—	8
33	21	63	84	52	4	—	4
34	52	75	127	53	2	—	2
35	134	361	495	54	1	—	1
36	202	425	627	Sum	1,495	1,346	2,841
37	175	268	443	Average size			{ Males: 39.53 feet
38	155	88	243				{ Females: 35.68 "
39	91	15	106				{ Total animals: 37.70 "
40	83	3	86	Per cent			{ Males: 52.62
41	79	—	79				{ Females: 47.38
42	75	—	75				
43	89	—	89				

Bryde-whales.

28	—	1	1	45	1	7	8
31	1	—	1	46	—	5	5
33	—	1	1	47	2	3	5
34	2	1	3	49	—	1	1
35	1	1	2	Sum	68	39	107
36	1	1	2	Average size			{ Males: 42.03 feet
38	1	—	1				{ Females: 42.95 "
40	4	2	6				{ Total animals: 42.36 "
41	5	—	5	Per cent			{ Males: 63.55
42	19	2	21				{ Females: 36.45
43	16	6	22				
44	15	8	23				

4. Brazil.

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
40	1	—	1	55	—	13	13
41	5	1	6	56	1	6	7
42	5	1	6	57	—	2	2
43	4	1	5	58	—	3	3
44	8	2	10	59	—	1	1
45	11	1	12	60	1	—	1
46	11	2	13	Sum	163	93	256
47	7	—	7	Average size			{ Males: 48.42 feet
48	16	2	18				{ Females: 52.49 "
49	18	—	18				{ Total animals: 49.90 "
50	37	8	45	Per cent			{ Males: 63.67
51	21	9	30				{ Females: 36.33
52	8	12	20				
53	6	12	18				
54	3	17	20				

Table No. 7 (continued).

Sperm-whales.

1 male of 37 feet and 3 males of 38 feet.

Average size: Males: 37.75 feet.

5. Azores.**Sperm-whales.**

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
20	1	—	1	45	2	—	2
23	—	2	2	46	33	—	33
25	—	2	2	47	2	—	2
26	13	6	19	48	10	—	10
28	—	5	5	49	26	—	26
30	11	9	20	50	2	—	2
31	4	11	15	51	11	—	11
33	48	35	83	52	50	—	50
34	13	16	29	54	8	—	8
35	1	2	3	56	12	—	12
36	11	23	34	59	1	—	1
37	—	3	3	Sum	336	142	478
38	14	16	30	Average size {			Males: 42.59 feet
39	18	10	28	Average size {			Females: 33.73 "
40	3	1	4	Average size {			Total animals: 39.96 "
41	5	1	6	Per cent {			Males: 70.29
42	4	—	4	Per cent {			Females: 29.71
43	19	—	19				
44	14	—	14				

6. Madeira.**Sperm-whales.**

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
26	—	11	11	47	4	—	4
27	—	1	1	48	3	—	3
28	1	3	4	49	6	—	6
29	—	5	5	52	3	—	3
30	3	16	19	53	1	—	1
31	6	14	20	Sum	51	82	133
32	3	7	10	Average size {			Males: 40.27 feet
33	3	15	18	Average size {			Females: 30.72 "
34	3	7	10	Average size {			Total animals: 34.38 "
35	1	2	3	Per cent {			Males: 38.35
36	1	1	2	Per cent {			Females: 61.65
39	5	—	5				
41	2	—	2				
43	2	—	2				
46	4	—	4				

7. Spain.

37 baleen whales and 182 sperm-whales caught.

Sex and length not stated.

Table No. 7 (continued).

8. Norway.**Blue-whales.**

1 male of 59 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
43	1	—	1	66	—	3	3		
50	2	1	3	67	—	3	3		
55	1	1	2	68	—	2	2		
56	1	—	1	69	—	1	1		
57	2	1	3	70	—	3	3		
58	2	—	2	Sum	18	20	38		
59	—	2	2	Average size	{	Males:	58.22 feet		
60	1	1	2			Females:	64.00 "		
61	2	1	3			Total animals:	61.26 "		
62	1	—	1			Per cent	{	Males:	47.37
63	2	—	2					Females:	52.63
64	1	—	1						
65	2	1	3						

Sperm-whales.

Engl. feet.	Males.	Engl. feet.	Males.
45	5	52	3
46	4	53	1
47	3	54	1
48	2	55	1
49	11	56	1
50	11	Sum	1) 47
51	4		

Average size: Males: 49.21 feet.

1) In addition 2 sperm-whales lost.

9. Faroe Islands.**Fin-whales.**

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
54	—	1	1	66	—	1	1		
55	—	1	1	68	—	1	1		
58	1	1	2	Sum	4	9	13		
60	2	1	3	Average size	{	Males:	60.50 feet		
61	—	1	1			Females:	61.00 "		
62	—	1	1			Total animals:	60.85 "		
64	1	—	1			Per cent	{	Males:	30.77
65	—	1	1					Females:	69.23

Humpbacks.

1 male of 48 feet.

Sperm-whales.

1 male of 47 feet, 2 males of 50 feet, 1 male of 53 feet and 1 male of 65 feet.

Average size: Males: 53.00 feet.

Table No. 7 (continued).

10. Iceland.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
50	1	1	2	66	2	8	10
51	2	2	4	67	2	7	9
52	4	3	7	68	-	9	9
53	2	3	5	69	1	3	4
54	4	3	7	70	-	1	1
55	5	3	8	71	-	1	1
56	4	3	7	72	-	2	2
57	17	11	28	75	-	1	1
58	3	4	7	Sum	109	108	217
59	6	5	11	Average size			{ Males: 59.58 feet
60	12	8	20				{ Females: 61.77 "
61	7	4	11				{ Total animals: 60.67 "
62	17	3	20	Per cent			{ Males: 50.23
63	7	7	14				{ Females: 49.77
64	6	12	18				
65	7	4	11				

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
33	1	-	1	47	2	6	8
35	1	-	1	48	1	6	7
36	1	1	2	49	-	6	6
37	2	1	3	50	-	2	2
38	-	1	1	Sum	33	56	89
39	-	2	2	Average size			{ Males: 43.18 feet
40	1	2	3				{ Females: 44.96 "
41	-	3	3				{ Total animals: 44.30 "
42	3	2	5	Per cent			{ Males: 37.08
43	4	2	6				{ Females: 62.92
44	4	7	11				
45	7	6	13				
46	6	9	15				

Sperm-whales.

Engl. feet.	Males.	Engl. feet.	Males.
40	1	51	17
41	2	52	19
42	2	53	18
43	4	54	14
44	1	55	17
45	4	56	6
46	6	57	4
47	4	58	1
48	7	Sum	138
49	7		
50	4		

Average size: Males: 51.21 feet.

Table No. 7 (continued).

11. Nova Scotia.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
50	2	1	3	61	—	2	2
51	1	1	2	62	1	2	3
52	5	1	6	63	1	1	2
53	—	2	2	Sum	19	36	¹⁾ 56
54	2	2	¹⁾ 5	Average size	Males: 55.42 feet		
55	—	4	4		Females: 56.97 "		
56	1	1	2	Total animals: 56.39 "			
57	1	9	10	Per cent	Males: 34.55		
58	2	6	8		Females: 65.45		
59	—	2	2				
60	3	2	5				

¹⁾ Including 1 fin-whale, sex unknown.

Sperm-whales.

4 males of 46, 48, 50 and 52 feet, respectively.

Average size: Males: 49.00 feet.

12. Newfoundland.

1 fin-whale of 55 feet and 1 sei-whale of 49 feet.

Both males.

13. Summary North Atlantic and Arctic.

(Norway, Faroe Islands, Iceland, Nova Scotia and Newfoundland.)

Blue-whales.

1 male of 59 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
43	1	—	1	66	2	12	14
50	5	3	8	67	2	10	12
51	3	3	6	68	—	12	12
52	9	4	13	69	1	4	5
53	2	5	7	70	—	4	4
54	6	6	¹⁾ 13	71	—	1	1
55	7	9	16	72	—	2	2
56	6	4	10	75	—	1	1
57	20	21	41	Sum	151	173	¹⁾ 325
58	8	11	19	Average size	Males: 58.89 feet		
59	6	9	15		Females: 60.99 "		
60	18	12	30	Total animals: 59.99 "			
61	9	8	17	Per cent	Males: 46.60		
62	19	6	25		Females: 53.40		
63	10	8	18				
64	8	12	20				
65	9	6	15				

¹⁾ Incl. 1 fin-whale, sex unknown.

Humpbacks.

1 male of 48 feet.

Table No. 7 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
33	1	—	1	47	2	6	8
35	1	—	1	48	1	6	7
36	1	1	2	49	1	6	7
37	2	1	3	50	—	2	2
38	—	1	1	Sum	34	56	90
39	—	2	2	Average size { Males: 43.35 feet Females: 44.96 " Total animals: 44.36 "			
40	1	2	3				
41	—	3	3				
42	3	2	5				
43	4	2	6				
44	4	7	11				
45	7	6	13				
46	6	9	15				
Per cent { Males: 37.78 Females: 62.22							

Sperm-whales.

Engl. feet.	Males.	Engl. feet.	Males.
40	1	51	21
41	2	52	23
42	2	53	20
43	4	54	15
44	1	55	18
45	9	56	7
46	11	57	4
47	8	58	1
48	10	65	1
49	18	Sum	1) 194
50	18		

Average size: Males: 50.73 feet.

1) In addition 2 sperm-whales lost.

14. California.**Blue-whales.**

1 female of 69 feet and 1 female of 75 feet.

Average size: Females: 72 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
50	4	4	8	65	7	5	12
51	3	3	6	66	—	8	8
52	2	1	3	67	1	6	7
53	3	1	4	68	—	3	3
54	6	1	7	69	—	3	3
55	3	4	7	70	—	1	1
56	2	3	5	74	—	1	1
57	6	3	9	Sum	73	74	147
58	1	3	4	Average size { Males: 58.78 feet Females: 61.32 " Total animals: 60.06 "			
59	5	1	6				
60	5	8	13				
61	9	2	11				
62	4	3	7				
63	8	4	12				
64	4	6	10				
Per cent { Males: 49.66 Females: 50.34							

Table No. 7 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	—	2	2	47	—	2	2
36	2	—	2	48	—	1	1
37	—	2	2	Sum	14	13	27
39	1	—	1	Average size { Males: 41.14 feet Females: 41.77 " Total animals: 41.44 " Per cent { Males: 51.85 Females: 48.15			
40	2	1	3				
41	2	1	3				
42	4	—	4				
43	—	2	2				
44	1	1	2				
45	1	—	1				
46	1	1	2				

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
40	1	1	2	Average size { Males: 44.00 feet Females: 46.89 " Total animals: 46.00 " Per cent { Males: 30.77 Females: 69.23			
43	1	—	1				
45	—	2	2				
46	1	2	3				
47	1	—	1				
48	—	1	1				
50	—	1	1				
51	—	2	2				
Sum	4	9	13				

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	2	4	6	47	1	—	1
36	8	2	10	48	1	—	1
37	5	3	8	50	1	—	1
38	6	—	6	Sum	54	9	63
39	12	—	12	Average size { Males: 39.57 feet Females: 35.89 " Total animals: 39.05 " Per cent { Males: 85.71 Females: 14.29			
40	6	—	6				
41	3	—	3				
42	5	—	5				
43	1	—	1				
45	1	—	1				
46	2	—	2				

15. Oregon.

Sperm-whales.

1 male of 36 feet.

Table No. 7 (continued).

16. British Columbia.

Blue-whales.

Engl. feet.	Number of		Total animals.	
	males	females		
48	1	—	1	Average size { Males: 64.25 feet Females: 63.88 " Total animals: 64.00 "
54	—	1	1	
55	—	1	1	
59	—	1	1	
61	—	2	2	
65	1	1	2	
66	1	—	1	
75	—	1	1	
78	1	—	1	
81	—	1	1	
Sum	4	8	12	Per cent { Males: 33.33 Females: 66.67

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals
	males.	females.			males.	females.	
44	—	1	1	63	7	4	11
46	—	1	1	64	2	4	6
47	3	1	4	65	—	6	6
48	3	1	4	66	—	3	3
49	4	1	5	67	—	2	2
50	—	6	6	68	1	2	3
51	2	4	6	69	—	1	1
52	8	2	10	70	—	1	1
53	1	1	2	Sum	55	86	141
54	4	8	12	Average size { Males: 56.02 feet Females: 58.21 " Total animals: 57.35 "			
55	1	2	3				
56	2	7	9				
57	2	4	6				
58	3	2	5				
59	4	6	10				
60	5	7	12				
61	1	4	5				
62	2	5	7				
					Per cent { Males: 39.01 Females: 60.99		

Humpbacks.

Engl. feet.	Number of		Total animals.	
	males.	females.		
31	1	—	1	Average size { Males: 32.33 feet Females: 40.00 " Total animals: 37.70 "
32	1	—	1	
34	1	—	1	
37	—	2	2	
38	—	1	1	
39	—	1	1	
40	—	1	1	
44	—	1	1	
45	—	1	1	
Sum	3	7	10	

Table No. 7 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
33	1	—	1	48	17	28	45
35	3	3	6	49	2	23	25
36	9	7	16	50	1	8	9
37	11	5	16	51	1	2	3
38	19	7	26	52	—	4	4
39	7	16	23	54	—	1	1
40	13	10	23	Sum	353	259	612
41	16	10	26	Average size {			Males: 43.64 feet
42	16	25	41	{			Females: 44.50 "
43	39	16	55	{			Total animals: 44.00 "
44	46	17	63	Per cent {			Males: 57.68
45	59	13	72	{			Females: 42.32
46	50	30	80				
47	43	34	77				

Sperm-whales.

28	—	2	2	46	1	—	1
30	—	1	1	47	4	—	4
31	1	2	3	48	2	—	2
32	2	5	7	49	1	—	1
33	2	6	8	50	3	—	3
34	4	2	6	51	3	—	3
35	4	14	18	52	2	—	2
36	5	7	12	53	2	—	2
37	7	3	10	Sum	60	45	105
38	3	3	6	Average size {			Males: 40.95 feet
39	2	—	2	{			Females: 34.24 "
40	3	—	3	{			Total animals: 38.08 "
41	4	—	4	Per cent {			Males: 57.14
42	3	—	3	{			Females: 42.86
43	1	—	1				
44	1	—	1				

17. North Pacific Ocean and Bering Sea, pelagic.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
67	1	—	1	81	2	1	3
71	1	3	4	82	—	2	2
72	1	—	1	Sum	20	22	42
73	—	1	1	Average size {			Males: 76.25 feet
74	2	3	5	{			Females: 76.41 "
75	2	1	3	{			Total animals: 76.33 "
76	1	2	3	Per cent {			Males: 47.62
77	5	4	9	{			Females: 52.38
78	1	3	4				
79	4	1	5				
80	—	1	1				

Table No. 7 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
53	2	—	2	68	—	21	21
55	28	28	56	69	—	14	14
56	32	14	46	70	—	6	6
57	36	9	45	71	—	5	5
58	39	19	58	72	—	1	1
59	65	33	98	Sum	547	460	1,007
60	80	25	105	Average size { Males: 60.30 feet Females: 62.84 " Total animals: 61.46 "			
61	68	31	99				
62	75	39	114	Per cent { Males: 54.32 Females: 45.68			
63	64	36	100				
64	28	51	79				
65	13	48	61				
66	11	40	51				
67	6	40	46				

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
39	1	1	2	51	2	22	24
40	19	6	25	52	—	10	10
41	47	22	69	53	—	1	1
42	50	14	64	Sum	938	595	1,533
43	92	25	117	Average size { Males: 44.97 feet Females: 46.90 " Total animals: 45.72 "			
44	131	38	169				
45	192	51	243	Per cent { Males: 61.19 Females: 38.81			
46	191	79	270				
47	143	91	234				
48	46	89	135				
49	20	81	101				
50	4	65	69				

Sperm-whales.

38	46	7	53	51	115	—	115
39	97	5	102	52	86	—	86
40	145	2	147	53	23	—	23
41	150	3	153	54	3	—	3
42	163	—	163	Sum	2,442	17	1) 2,459
43	195	—	195	Average size { Males: 45.63 feet Females: 39.06 " Total animals: 45.53 "			
44	172	—	172				
45	170	—	170	Per cent { Males: 99.31 Females: 0.69			
46	191	—	191				
47	211	—	211				
48	205	—	205				
49	259	—	259				
50	211	—	211				

1) In addition 2 sperm-whales lost.

Table No. 7 (continued).

18. Kamtchatka, pelagic.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
59	1	—	1	79	2	6	8	
60	1	—	1	81	—	2	2	
62	1	—	1	82	1	2	3	
70	3	2	5	84	—	1	1	
71	5	2	7	Sum	36	41	77	
72	3	6	9	Average size {	Males:	73.06 feet	}	
73	1	3	4			Females:		75.88 "
74	7	4	11			Total animals:		74.56 "
75	5	3	8		Per cent {	Males:	46.75	
76	2	1	3				Females:	53.25
77	2	5	7					
78	2	4	6					

Fin-whales.

44	—	1	1	66	46	104	150	
48	1	1	2	67	24	69	93	
49	2	1	3	68	15	25	40	
50	1	1	2	69	18	46	64	
51	1	2	3	70	—	4	4	
52	10	6	16	71	7	5	12	
53	12	6	18	72	6	6	12	
54	9	4	13	73	1	2	3	
55	97	46	143	74	—	2	2	
56	127	71	198	75	—	1	1	
57	110	68	178	Sum	1,210	1,287	¹⁾ 2,497	
58	54	64	118	Average size {	Males:	59.87 feet	}	
59	202	153	355			Females:		61.71 "
60	74	82	156			Total animals:		60.81 "
61	166	129	295		Per cent {	Males:	48.46	
62	109	145	254				Females:	51.54
63	33	72	105					
64	52	122	174					
65	33	49	82					

¹⁾ In addition 3 fin-whales lost.

Humpbacks.

27	1	—	1	46	4	4	8	
32	—	1	1	47	—	4	4	
33	4	—	4	48	3	4	7	
34	1	—	1	49	1	—	1	
35	15	9	24	50	—	1	1	
36	10	4	14	51	—	1	1	
37	2	5	7	Sum	130	112	242	
38	8	5	13	Average size {	Males:	39.87 feet	}	
39	19	15	34			Females:		41.26 "
40	9	5	14			Total animals:		40.51 "
41	18	13	31	Per cent {	Males:	53.72		
42	8	8	16			Females:	46.28	
43	14	20	34					
44	12	9	21					
45	1	4	5					

Table No. 7 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males	females		
31	—	2	2	52	19	20	39	
40	16	3	19	53	2	5	7	
41	17	14	31	54	3	9	12	
42	35	25	60	55	2	2	4	
43	38	24	62	56	—	1	1	
44	31	24	55	Sum	321	270	¹⁾ 591	
45	10	8	18	Average size	Males:	45.96	feet	
46	38	30	68			Females:	46.80	"
47	11	7	18				Total animals:	46.34
48	34	31	65	Per cent	Males:			54.31
49	26	32	58			Females:		45.69
50	9	8	17					
51	30	25	55					

¹⁾ In addition 4 sei-whales lost.

Sperm-whales.

30	2	2	4	49	161	—	161	
31	—	3	3	50	131	—	131	
32	—	3	3	51	63	—	63	
33	6	10	16	52	35	—	35	
34	3	7	10	53	21	—	21	
35	12	13	25	54	4	—	4	
36	14	12	26	55	1	—	1	
37	20	21	41	56	2	—	2	
38	605	423	1,028	57	1	—	1	
39	991	313	1,304	60	1	—	1	
40	511	21	532	65	1	—	1	
41	409	10	419	Sum	4,580	842	¹⁾ 5,422	
42	300	2	302	Average size	Males:	42.10	feet	
43	308	1	309			Females:	38.22	"
44	218	—	218				Total animals:	41.50
45	153	—	153	Per cent	Males:			84.47
46	222	1	223			Females:		15.53
47	218	—	218					
48	167	—	167					

¹⁾ In addition 10 sperm-whales lost.

19. Kuril Islands.

Fin-whales.

52	—	1	1	66	1	4	5	
53	—	1	1	67	1	1	2	
55	2	1	3	68	—	2	2	
56	2	3	5	71	1	—	1	
57	7	3	10	Sum	39	37	76	
58	4	2	6	Average size	Males:	60.23	feet	
59	5	9	14			Females:	60.24	"
60	2	3	5				Total animals:	60.24
61	2	3	5	Per cent	Males:			51.32
62	5	2	7			Females:		48.68
63	4	—	4					
64	2	1	3					
65	1	1	2					

Table No. 7 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
40	1	—	1	52	2	—	2
41	—	1	1	54	1	—	1
42	3	2	5	Sum	24	10	1) 34
44	4	1	5				
45	—	1	1	Average size { Males: 46.83 feet Females: 45.40 " Total animals: 46.41 " Per cent { Males: 70.59 Females: 29.41			
46	3	1	4				
47	3	1	4				
48	4	1	5				
49	—	1	1				
50	—	1	1				
51	3	—	3				

1) In addition 1 sei-whale lost.

Sperm-whales.

27	—	1	1	46	7	—	7
28	—	1	1	47	5	—	5
30	—	1	1	48	5	—	5
31	—	1	1	49	3	—	3
33	7	2	9	50	4	—	4
34	5	3	8	51	4	—	4
35	20	77	97	52	3	—	3
36	38	64	102	55	1	—	1
37	28	12	40	56	1	—	1
38	29	18	47	Sum	260	190	1) 450
39	26	6	32				
40	19	2	21	Average size { Males: 39.74 feet Females: 35.83 " Total animals: 38.09 " Per cent { Males: 57.78 Females: 42.22			
41	22	2	24				
42	5	—	5				
43	13	—	13				
44	9	—	9				
45	6	—	6				

1) In addition 2 sperm-whales lost.

20. Japan.

Blue-whales.

Engl. feet.	Number of		Total animals.	Average size	Males:	Females:	Total animals:
	males.	females.					
65	1	1	2	66.00 feet	68.20 "	67.57 "	
66	—	1	1				
67	1	1	2				
69	—	1	1	28.57	71.43		
74	—	1	1				
Sum	2	5	7				

Table No. 7 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
50	5	12	17	64	2	6	8
51	11	5	16	65	3	4	7
52	4	5	9	66	—	5	5
53	2	3	5	67	—	1	1
54	3	1	4	69	—	1	1
55	1	2	3	Sum	60	60	120
56	4	—	4	Average size {	Males: 56.28 feet	Females: 57.62 „	Total animals: 56.95 „
57	3	1	4				
58	5	2	7				
59	5	3	8				
60	4	1	5				
61	5	1	6	Per cent {	Males: 50.00	Females: 50.00	
62	2	3	5				
63	1	4	5				

Humpbacks.

1 male of 37 feet.

Sei-whales.

33	1	1	2	48	12	17	29
35	29	29	58	49	4	22	26
36	18	14	32	50	1	17	18
37	22	28	50	51	—	3	3
38	19	14	33	52	—	3	3
39	28	22	50	53	—	1	1
40	31	26	57	Sum	431	442	¹⁾ 873
41	40	40	80	Average size {	Males: 41.83 feet	Females: 42.71 „	Total animals: 42.28 „
42	38	29	67				
43	42	43	85				
44	47	31	78				
45	42	34	76				
46	37	41	78	Per cent {	Males: 49.37	Females: 50.63	
47	20	27	47				

¹⁾ Including 19 Bryde-whales.

Sperm-whales.

28	—	1	1	46	12	—	12
30	1	2	3	47	15	—	15
31	3	2	5	48	9	—	9
33	—	2	2	49	10	—	10
34	2	1	3	50	3	—	3
35	119	397	516	51	1	—	1
36	233	316	549	52	4	—	4
37	207	79	286	Sum	949	850	¹⁾ 1,799
38	104	25	129	Average size {	Males: 38.04 feet	Females: 35.75 „	Total animals: 36.96 „
39	90	13	103				
40	60	7	67				
41	19	4	23				
42	19	—	19				
43	18	1	19	Per cent {	Males: 52.75	Females: 47.25	
44	6	—	6				
45	14	—	14				

¹⁾ In addition 1 sperm-whale lost.

Table No. 7 (continued).

21. Summary Pacific North.

(California, Oregon, British Columbia, North Pacific Ocean and Bering Sea,
Kamtschatka, Kuril Islands and Japan.)

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
48	1	—	1	76	3	3	6
54	—	1	1	77	7	9	16
55	—	1	1	78	4	7	11
59	1	1	2	79	6	7	13
60	1	—	1	80	—	1	1
61	—	2	2	81	2	4	6
62	1	—	1	82	1	4	5
65	2	2	4	84	—	1	1
66	1	1	2	Sum	62	78	140
67	2	1	3	Average size { Males: 73.29 feet Females: 74.21 " Total animals: 73.80 "			
69	—	2	2				
70	3	2	5				
71	6	5	11				
72	4	6	10	Per cent { Males: 44.29 Females: 55.71			
73	1	4	5				
74	9	8	17				
75	7	6	13				

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
44	—	2	2	65	57	113	170
46	—	1	1	66	58	164	222
47	3	1	4	67	32	119	151
48	4	2	6	68	16	53	69
49	6	2	8	69	18	65	83
50	10	23	33	70	—	12	12
51	17	14	31	71	8	10	18
52	24	15	39	72	6	7	13
53	20	12	32	73	1	2	3
54	22	14	36	74	—	3	3
55	132	83	215	75	—	1	1
56	169	98	267	Sum	1,984	2,004	1) 3,988
57	164	88	252	Average size { Males: 59.74 feet Females: 61.63 " Total animals: 60.69 "			
58	106	92	198				
59	286	205	491				
60	170	126	296				
61	251	170	421	Per cent { Males: 49.75 Females: 50.25			
62	197	197	394				
63	117	120	237				
64	90	190	280				

1) In addition 3 fin-whales lost.

Table No. 7 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
27	1	—	1	45	2	5	7		
31	1	—	1	46	5	5	10		
32	1	1	2	47	—	6	6		
33	4	—	4	48	3	5	8		
34	2	—	2	49	1	—	1		
35	15	11	26	50	—	1	1		
36	12	4	16	51	—	1	1		
37	3	9	12	Sum	148	132	280		
38	8	6	14	Average size	Males: 39.82 feet	Females: 41.24 „	Total animals: 40.49 „		
39	20	16	36					Per cent	Males: 52.86
40	11	7	18						
41	20	14	34						
42	12	8	20						
43	14	22	36						
44	13	11	24						

Sei-whales.

31	—	2	2	49	52	159	211		
33	2	1	3	50	15	100	115		
35	32	32	64	51	36	54	90		
36	27	21	48	52	21	37	58		
37	33	33	66	53	2	7	9		
38	38	21	59	54	4	10	14		
39	36	39	75	55	2	2	4		
40	81	46	127	56	—	1	1		
41	120	87	207	Sum	2,071	1,585	1) 3,656		
42	142	95	237	Average size	Males: 44.27 feet	Females: 45.33 „	Total animals: 44.73 „		
43	212	108	320					Per cent	Males: 56.65
44	259	111	370						
45	303	109	412						
46	320	183	503						
47	221	160	381						
48	113	167	280						

1) Incl. 19 Bryde-whales. — In addition 5 sei-whales lost.

Sperm-whales.

27	—	1	1	48	389	—	389		
28	—	4	4	49	434	—	434		
30	3	6	9	50	353	—	353		
31	4	8	12	51	186	—	186		
32	2	8	10	52	130	—	130		
33	15	20	35	53	46	—	46		
34	14	13	27	54	7	—	7		
35	157	505	662	55	2	—	2		
36	299	401	700	56	3	—	3		
37	267	118	385	57	1	—	1		
38	793	476	1,269	60	1	—	1		
39	1,218	337	1,555	65	1	—	1		
40	744	32	776	Sum	8,346	1,953	1) 10,299		
41	607	19	626	Average size	Males: 42.57 feet	Females: 36.82 „	Total animals: 41.48 „		
42	495	2	497					Per cent	Males: 81.04
43	536	2	538						
44	406	—	406						
45	344	—	344						
46	435	1	436						
47	454	—	454						

1) In addition 15 sperm-whales lost.

Table No. 7 (continued).

22. Chile.
Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.				
	males.	females.			males.	females.					
55	—	1	1	75	4	2	6				
60	1	2	3	76	1	5	6				
62	1	2	3	77	1	7	8				
63	—	1	1	78	—	4	4				
64	—	2	2	79	—	1	1				
65	4	4	8	81	—	1	1				
66	3	1	4	Sum	50	58	108				
67	3	3	6	Average size { Males: 69.90 feet Females: 71.22 „ Total animals: 70.61 „							
68	3	1	4								
69	7	3	10								
70	3	3	6								
71	7	3	10								
72	9	5	14								
73	3	3	6								
74	—	4	4								
								Per cent { Males: 46.30 Females: 53.70			

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.				
	males.	females.			males.	females.					
44	—	1	1	62	3	1	4				
48	—	1	1	63	1	1	2				
49	1	2	3	64	3	—	3				
50	3	1	4	65	2	2	4				
51	3	2	5	68	—	1	1				
52	4	5	9	71	—	3	3				
53	7	1	8	72	—	1	1				
54	4	5	9	Sum	50	57	107				
55	6	4	10	Average size { Males: 56.04 feet Females: 57.14 „ Total animals: 56.63 „							
56	3	7	10								
57	3	6	9								
58	1	6	7								
59	3	2	5								
60	3	1	4								
61	—	4	4								
								Per cent { Males: 46.73 Females: 53.27			

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.				
	males.	females.			males.	females.					
36	—	1	1	Average size { Males: 44.07 feet Females: 44.42 „ Total animals: 44.29 „							
38	1	—	1								
39	—	2	2								
41	2	1	3								
42	2	1	3								
43	2	5	7								
44	2	—	2								
45	4	2	6								
46	—	3	3								
47	—	6	6								
48	—	3	3								
59	1	—	1								
Sum	14	24	38					Per cent { Males: 36.84 Females: 63.16			

Table No. 7 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
22	1	--	1	43	24	--	24
23	1	--	1	44	21	--	21
25	1	4	5	45	7	--	7
26	5	7	12	46	13	--	13
27	6	7	13	47	10	--	10
28	6	10	16	48	6	--	6
29	10	23	33	49	11	--	11
30	28	55	83	50	6	--	6
31	21	54	75	51	3	--	3
32	38	101	139	52	1	--	1
33	29	52	81	53	2	--	2
34	59	65	124	55	1	--	1
35	58	35	93				
36	60	10	70	Sum	608	431	1,039
37	60	4	64				
38	45	3	48	Average size	{ Males: 36.94 feet		
39	24	--	24		{ Females: 31.99 "		
40	17	1	18		{ Total animals: 34.89 "		
41	26	--	26	Per cent	{ Males: 58.52		
42	8	--	8		{ Females: 41.48		

23. Australia.

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	14	10	24	49	40	--	40
36	21	2	23	50	19	--	19
37	39	1	40	51	8	--	8
38	23	--	23	52	3	--	3
39	54	--	54	53	1	--	1
40	72	--	72				
41	63	--	63	Sum	697	13	710
42	66	--	66				
43	58	--	58	Average size	{ Males: 42.71 feet		
44	60	--	60		{ Females: 35.31 "		
45	55	--	55		{ Total animals: 42.58 "		
46	42	--	42	Per cent	{ Males: 98.17		
47	34	--	34		{ Females: 1.83		
48	25	--	25				

24. New Zealand.

Fin-whales.

1 male of 56 feet.

Sei-whales.

4 animals, length and sex not stated.

Table No. 7 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	1	3	4	48	5	-	5
36	1	2	3	49	13	-	13
37	2	1	3	50	12	-	12
38	1	1	2	51	6	-	6
39	7	1	8	52	3	-	3
40	5	-	5	55	1	-	1
41	4	-	4	Sum	119	8	1) 127
42	9	-	9	Average size	{	Males:	45.41 feet
43	6	-	6			Females:	36.38 "
44	8	-	8			Total animals:	44.84 "
45	15	-	15	Per cent	{	Males:	93.70
46	13	-	13			Females:	6.30
47	7	-	7				

1) In addition 7 sperm-whales caught, length and sex not stated.

25. South Atlantic Ocean, pelagic.

Catch by floating factories outside the Antarctic whaling grounds.
(Catch north of 40° South Lat.)

Sperm-whales.

28	2	-	2	45	5	-	5
29	1	-	1	46	6	-	6
30	1	-	1	47	2	-	2
31	1	-	1	48	9	-	9
32	1	-	1	49	7	-	7
33	1	-	1	50	6	-	6
34	-	3	3	51	3	-	3
35	1	-	1	52	2	-	2
38	218	-	218	Sum	431	3	1) 434
39	102	-	102	Average size	{	Males:	39.48 feet
40	38	-	38			Females:	34.00 "
41	7	-	7			Total animals:	39.44 "
42	6	-	6	Per cent	{	Males:	99.31
43	6	-	6			Females:	0.69
44	6	-	6				

1) In addition 8 sperm-whales lost.

26. Indian Ocean, pelagic.

Catch by floating factories outside the Antarctic whaling grounds.
(Catch north of 40° South Lat.)

Sperm-whales.

32	1	2	3	47	41	-	41
33	3	2	5	48	34	-	34
34	2	2	4	49	40	-	40
35	1	14	15	50	16	-	16
36	3	8	11	51	8	-	8
37	11	9	20	52	7	-	7
38	207	447	654	54	1	-	1
39	133	160	293	Sum	1,441	654	2,095
40	118	8	126	Average size	{	Males:	42.32 feet
41	118	1	119			Females:	38.13 "
42	154	1	155			Total animals:	41.04 "
43	164	-	164	Per cent	{	Males:	68.78
44	172	-	172			Females:	31.22
45	130	-	130				
46	77	-	77				

Table No. 7 (continued).

27. South Pacific Ocean, pelagic.

Catch by floating factories outside the Antarctic whaling grounds.
(Catch north of 40° South Lat.)

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
34	—	2	2	48	45	—	45
35	—	—	—	49	30	—	30
36	2	4	6	50	24	—	24
37	—	1	1	51	10	—	10
38	109	622	731	52	14	—	14
39	113	457	570	53	6	—	6
40	31	36	67	Sum	638	1,141	1,779
41	25	11	36	Average size {	Males: 43.09 feet	Females: 38.51 "	Total animals: 40.15 "
42	23	6	29				
43	39	2	41				
44	50	—	50		Per cent {	Males: 35.86	Females: 64.14
45	41	—	41				
46	39	—	39				
47	37	—	37				

Table No. 8.—Average production of oil per "blue-whale unit"
in the summer season 1964.

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

Geographical areas.	Company.	Blue-whale equivalents.	Oil production.	
			Total.	Average per blue-whale equivalent.
			Barrels. ¹⁾	Barrels. ¹⁾
<i>Africa:—</i>				
Natal	No. 1	188.0	15,634	83.2
Cape Province	" 1	145.5	9,035	62.1
Total		333.5	24,669	74.0
<i>Brazil.....</i>	No. 1	42.7	3,899	91.3
<i>North Atlantic and Arctic:—</i>				
Spain	No. 1	²⁾ —	³⁾ (436)	—
	" 2	²⁾ —	³⁾ (452)	—
Norway	" 1	4.0	312	78.0
	" 2	16.0	1,230	76.9
Faroe Islands	" 1	6.9	308	44.6
Iceland	" 1	123.3	10,612	86.1
Nova Scotia	" 1	28.0	796	28.4
Total		178.2	13,258	74.4

¹⁾ Barrel = 170 kg. (Barrel = abt. ¼ long ton, 1 long ton = 1,016 kg) ²⁾ The baleen whales are not specified. ³⁾ Calculated.

Table No. 8 (continued).

Geographical areas.	Company.	Blue-whale equivalents.	Oil production.	
			Total.	Average per blue-whale equivalent.
			Barrels. ¹⁾	Barrels. ¹⁾
<i>Pacific North:—</i>				
California	No 1	33.4	1,909	57.2
	" 2	58.4	5,375	92.0
British Columbia	" 1	188.5	13,302	70.6
North Pacific Ocean and Bering Sea, pelagic	" 1	267.0	21,500	80.5
	" 2	267.0	22,559	84.5
	" 3	267.0	24,677	92.4
Kamtschatka, pelagic	" 1	774.7	57,100	73.7
	" 2	81.2	5,706	70.3
	" 3	664.9	45,776	68.8
Kuril Islands	" 1	43.7	2,588	59.2
Japan	" 1	60.1	2,997	49.9
	" 2	70.5	2,918	41.4
	" 3	23.3	1,308	56.1
	" 4	40.7	1,728	42.5
	" 5	17.3	800	46.2
Total		2,857.7	210,243	73.6
<i>Peru</i>	No. 1	18.2	1,011	55.5
<i>Chile</i>	No. 1	63.3	5,453	86.1
	" 2	104.5	5,319	50.9
	" 3	20.0	779	39.0
Total		187.8	11,551	61.5
<i>New Zealand</i>	No. 1	0.7	66	94.3
	" 2	0.5	51	102.0
Total		1.2	117	97.5

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{6}$ long ton, 1 long ton = 1,016 kg.)

**Table No. 9.—Average production of oil per sperm-whale
in the summer season 1964.**

Geographical areas.	Company.	Number of sperm-whales.	Oil production.	
			Total.	Average per sperm-whale.
			Barrels. ¹⁾	Barrels. ¹⁾
<i>Africa:—</i>				
Natal	No. 1	2,113	46,126	21.8
Cape Province	" 1	728	18,358	25.2
Total		2,841	64,484	22.7
<i>Brazil</i>	No. 1	4	37	9.3
<i>North Atlantic and Arctic:—</i>				
Azores	No. 1	478	13,819	28.9
Madeira	" 1	133	2,237	16.8
Spain	" 1	84	2,761	32.9
	" 2	98	2,361	24.1
Norway	" 1	7	455	65.0
	" 2	40	1,680	42.0
Faroe Islands	" 1	5	299	59.8

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{6}$ long ton, 1 long ton = 1,016 kg.)

Table No. 9 (continued).

Geographical areas.	Company.	Number of sperm-whales.	Oil production	
			Total	Average per sperm-whale.
			Barrels ¹⁾	Barrels ¹⁾
Iceland	No. 1	138	8,301	60.2
Nova Scotia.....	" 1	4	161	40.3
Total		987	32,074	32.5
<i>Pacific North:—</i>				
California	No. 1	18	224	12.4
	" 2	45	823	18.3
Oregon	" 1	1	12	12.0
British Columbia	" 1	105	2,868	27.3
North Pacific Ocean and Bering Sea, pelagic	" 1	821	36,106	44.0
	" 2	818	40,535	49.6
	" 3	820	37,806	46.1
Kamtschatka, pelagic	" 1	1,132	37,988	33.6
	" 2	1,252	35,294	28.2
	" 3	1,365	42,941	31.5
	" 4	1,673	47,235	28.2
Kuril Islands.....	" 1	450	9,794	21.8
Japan	" 1	369	6,200	16.8
	" 2	497	9,244	18.6
	" 3	162	3,392	20.9
	" 4	392	10,611	27.1
	" 5	379	6,342	16.7
Total		10,299	327,415	31.8
Peru	No. 1	2,023	39,734	19.6
Chile	No. 1	1,039	20,285	19.5
	" 2	174	4,784	27.5
Total		1,213	25,069	20.7
Australia.....	No. 1	710	30,108	42.4
New Zealand	No. 1	57	2,391	41.9
	" 2	77	3,205	41.6
Total		134	5,596	41.8
South Atlantic Ocean, pelagic	No. 1	79	2,090	26.5
	" 2	8	150	18.8
	" 3	260	4,000	15.4
	" 4	57	815	14.3
	" 5	30	795	26.5
Total		434	7,850	18.1
Indian Ocean, pelagic	No. 1	68	1,892	27.8
	" 2	544	15,739	28.9
	" 3	317	9,746	30.7
	" 4	93	3,234	34.8
	" 5	25	535	21.4
	" 6	35	1,103	31.5
	" 7	451	7,959	17.6
	" 8	227	4,429	19.5
	" 9	83	1,658	20.0
	" 10	252	5,753	22.8
Total		2,095	52,048	24.8

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

Table No. 9 (continued).

Geographical areas.	Company.	Number of sperm-whales.	Oil production	
			Total	Average per sperm-whale.
<i>South Pacific Ocean, pelagic</i>	No. 1	1,305	28,647	22.0
	„ 2	474	9,024	19.0
	Total	1,779	37,671	21.2

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{6}$ long ton, 1 long ton = 1,016 kg.)

