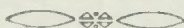


DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL WHALING STATISTICS

LI

EDITED BY
THE COMMITTEE FOR WHALING STATISTICS



OSLO 1964

Price: kr. 2.00.

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PREFACE

The present publication, International Whaling Statistics No. LI, comprises the whaling operations in the Antarctic during the season 1961-62 and on grounds outside the Antarctic in the calendar year 1962.

Statistical data are lacking from *San Miguel and San Jorge, Azores*.

Further, statistical data relating to the size of the whales killed have not been received from the following grounds and companies:

Azores,

Madeira,

Industria Ballenera S. A., Spain,

Compania Maritima Pesquera S. A., Peru,

Consorcio Ballenero S. A., Peru,

Compania Ballenera del Norte S. A., Peru.

With these exceptions the statistics, to the best knowledge of the Committee, include all operations carried on in 1962.

O s l o , November 1963.

Gunnar Jahn.

Birger Bergersen.

Einar Vangstein.

INTRODUCTION

This publication comprises the world aggregate whaling results for 1962, i.e. the catch in the Antarctic during the season 1961–62 and the catch on grounds outside the Antarctic during the calendar year 1962. Detailed information about the whaling activity in the Antarctic season 1961–62 has been given in International Whaling Statistics No. L. The present volume gives specifications of the operations on grounds outside the Antarctic in 1962.

In 1962 the following alterations took place in respect to the participation in the operations outside the Antarctic:

“*Aukra Hval A/S*” resumed whaling operations from a shore station on the west coast of Norway.

“*P/f Treyst*” commenced whaling from the shore station Vid Air on Faroe Islands.

“*Western Canada Whaling Co. Ltd.*” commenced whaling from the shore station in Coal Harbour, Vancouver Island, British Columbia.

In 1962 three Japanese floating factories have been operating in the North Pacific Ocean and Bering Sea, against two floating factories in the years 1954–1961.

Two Russian floating factories were in operation off Kamtchatka in 1962, as against one floating factory in previous years.

“*Gulf Whaling Industries Ltd.*” bought Barrier Whaling Co. Ltd.’s shore station on Great Barrier Island, Hauraki Gulf, New Zealand.

It should also be mentioned that 13 of the Antarctic floating factories, on their voyages to the Antarctic whaling grounds, in 1962 caught 893 sperm-whales in the South Atlantic Ocean, in the Indian Ocean and in the South Pacific Ocean.

In 1962 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 and Iceland.

Pacific North: California, Oregon, British Columbia, North Pacific Ocean and Bering Sea, Kamtchatka, Kuril Islands, Japan and Ryukyu Islands.

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 season, with the exception of Faroe Islands, British Columbia, Indian Ocean and South Pacific Ocean.

The total catch of whales in the Antarctic and on grounds outside the Antarctic has increased considerably in recent years. Thus, the number of whales killed of 64,600, 64,500, 63,700, 65,800 and 66,000, respectively, in the five last seasons 1957/58–1961/62, are the largest ever recorded. In this survey the figures concerning the catch in the Antarctic are not analysed, the catch on the other grounds being the object of these statistics.

From table *a*, page 13, it will be seen that whaling on grounds outside the Antarctic during the year 1962 was carried on from 47 shore stations, 5 floating factories and with 175 catchers. This is one shore station less, but two floating factories and 25 catchers more than in 1961. The number of catchers engaged in 1962, of 175, was exceptionally high. Only in one previous season a higher number of catchers has been engaged outside the Antarctic, namely in 1951 with the maximum figure of 208 catchers.

In the survey below is recorded the number of whales killed on grounds outside the Antarctic during the period 1937/38–1961/62. Figures for the Antarctic whaling are also included in order to give the total world whaling results during this period.

Season	Total of whales killed	In Antarctic			On other grounds		
		Total	Baleen whales	Sperm-whales	Total	Baleen whales	Sperm-whales
1937-38.....	54,902	46,039	45,172	867	8,863	5,967	2,896
1938-39.....	45,783	38,356	35,771	2,585	7,427	4,501	2,926
1939-40.....	37,709	32,900	30,962	1,938	4,809	2,076	2,733
1940-41.....	23,638	16,363	15,559	804	7,275	2,438	4,837
1941-42.....	8,014	1,425	1,316	109	6,589	1,741	4,848
1942-43.....	8,372	998	974	24	7,374	1,895	5,479
1943-44.....	6,445	1,799	1,698	101	4,646	2,133	2,513
1944-45.....	5,919	2,891	2,846	45	3,028	1,404	1,624
1945-46.....	19,384	13,387	13,114	273	5,997	2,809	3,188
1946-47.....	34,820	25,593	24,162	1,431	9,227	3,112	6,115
1947-48.....	43,382	31,318	28,696	2,622	12,064	4,836	7,228
1948-49.....	44,002	31,435	27,357	4,078	12,567	7,629	4,938
1949-50.....	45,093	32,396	29,669	2,727	12,697	7,205	5,492
1950-51.....	55,812	33,997	29,029	4,968	21,815	8,502	13,313
1951-52.....	49,816	35,237	29,752	5,485	14,579	8,506	6,073
1952-53.....	44,988	30,653	28,321	2,332	14,335	7,090	7,245
1953-54.....	53,642	34,872	31,993	2,879	18,770	8,106	10,664
1954-55.....	55,062	37,654	31,864	5,790	17,408	7,605	9,803
1955-56.....	58,126	38,580	31,606	6,974	19,546	7,930	11,616
1956-57.....	59,056	36,115	31,686	4,429	22,941	8,214	14,727
1957-58.....	64,586	39,896	33,361	6,535	24,690	9,379	15,311
1958-59.....	64,489	38,890	33,238	5,652	25,599	9,953	15,646
1959-60.....	63,717	38,892	34,665	4,227	24,825	8,708	16,117
1960-61.....	65,811	41,289	36,489	4,800	24,522	8,192	16,330
1961-62 ¹⁾	66,026	38,555	33,726	4,829	27,471	9,055	18,416

¹⁾ Excluding the catch from San Miguel and San Jorge, Azores.

On the grounds outside the Antarctic the total catch has increased considerably during the postwar seasons. The increase in the later years is, however, principally a result of the large catch of sperm-whales. Since the 1949-season the catch of sperm-whales outside the Antarctic has increased from about 5,000 animals in 1949 to 18,400 in 1962. The number of baleen whales killed has since 1949 varied between 7,100 and 9,900 only.

In order to be able to analyse the statistics, the figures must be studied in respect to the various grounds as well as in respect to the species of whales killed.

In the *North Atlantic and Arctic* whaling has been carried on continually during the post-war seasons only from Norway and Iceland. From Faroe Islands and Greenland the whaling stopped in 1958, but it was resumed on a very low scale from Faroe Islands in 1962. Whaling from Newfoundland and Labrador was of considerable importance during the years 1946–1951. Later the stations were closed, but in 1956 and up till and including 1959 whaling was resumed on a considerably reduced scale.

The whaling operations off the coast of Norway, which are mainly based upon the catch of fin-whales, have been reduced in recent years. (See table *i*, page 24, with post-war figures from and including 1950.) Up till 1955 4 shore stations with 11–13 catchers were active, and the number of baleen whales killed varied in these years between 298 and 401. In the five last seasons, 1958–1962, when whaling was carried on from 2–3 shore stations with 6–9 catchers, the number of baleen whales killed during these years varied between 129 and 184.

The baleen whale catch off the Faroe Islands has declined since 1951. In later years the catch has varied considerably from one year to another. In 1956 49 baleen whales were killed, in 1957 142, in 1958 17 and in 1962 6. In the seasons 1959–1961 no whaling took place off the Faroe Islands.

The catch of baleen whales off Iceland declined from 436 in 1957 to 385 in 1958, to 251 in 1959, to 202 in 1960 and 200 in 1961, but increased to 347 in 1962. From and including the summer 1955 the taking of blue-whales in the North Atlantic and Arctic was prohibited for a period of 5 years, but Denmark and Iceland protested against this prohibition and were thus free to kill blue-whales. The prohibition was in 1960 extended for a further period of 5 years, and neither Denmark nor Iceland have now protested against it. The prohibition is thus complete for the North Atlantic and Arctic.

From Greenland and Newfoundland whaling in the later years up till 1959 has been carried on with one single catcher.

Whaling has also been carried on in the south eastern part of the Atlantic from the *Azores*, *Madeira* and *Spain* in later years (see tables *j–l*, page 25). This whaling is chiefly restricted to the catch of sperm-whales.

The figures recorded for the baleen whale catch have declined. From *Portugal* whaling stopped in 1951 (see table *m*).

The whaling off the *African* coast (see table *o*, page 27) during the latest seasons has been carried on off Natal and Cape Province only, Natal being the only ground continually operated in all postwar years. The catch of sperm-whales has been of considerable importance in these years. As to baleen whales, the catch of humpbacks was of major importance to the whaling off the coasts of Madagascar and French Congo. The activities off the coast of Madagascar stopped in 1950. During that year the catch of humpbacks was 711 against 1,333 in 1949. The whaling off the coast of French Congo stopped in 1952, when the number of humpbacks killed had decreased to 265, from 1,105 in 1951. On the Congo ground the catch of sei-whales was of some importance in 1951 and 1952. In 1959 whaling was resumed from this ground—now named “Gabon”—, and the number of humpbacks killed was 160. The baleen whale catch off Natal in later years has been based upon the catch of fin-whales. Next to this species comes the sei-whale. The catch of humpbacks has declined considerably. Whaling off the Cape Province was resumed in 1957, and the results recorded show that the baleen whales killed in later years are sei- and fin-whales. Only a few blue-whales and humpbacks have been killed.

Whaling in the *Pacific North* (see table *p*, page 28) has been carried on in 1962 from California, Oregon, British Columbia and the Ryukyu Islands. The pelagic whaling from Bonin Island stopped in 1952, while the whaling station on the coast of British Columbia was operating in all postwar years up to and including 1959, and resumed whaling in 1962. Most of the baleen whales killed off British Columbia during the later years have been fin-whales.

The figures for the whaling carried on from the shore stations on the coasts of *Japan* (see table *q*, page 29) show that the catch of sperm-whales has become of great importance. The catch of baleen whales has shown some variations from year to year, but as a whole the figures show that the catch of the more valuable species, blue-whales and fin-whales, has declined while the catch of sei-whales has become very important.

The whaling in the *North Pacific Ocean and Bering Sea* (see table *r*, page 29) was carried on in the years 1955–1961 from 2 floating factories with 13–17 catchers, in 1962 from 3 floating factories with 21 catchers. During these years the catch of sperm-whales as well as the catch of fin-whales, have been of great importance. In 1962, however, the fin-whale catch declined by 300 animals. The catch of sei-whales has varied considerably, while the blue-whale catch has been restricted to 70 animals per season. In 1962, however, only 48 blue-whales were killed.

Whaling from *Kamtchatka* (see table *s*, page 29) has in later years been based mainly on the catch of sperm-whales. In 1960 one floating factory with 9 catchers, in 1961 one floating factory with 15 catchers and in 1962 two floating factories with 28 catchers were in operation. In 1962 the catch of baleen whales was the largest recorded since the war, the catch of humpbacks being exceptionally large.

Whaling off the *Kuril Islands* (see table *t*, page 30) has been carried on during the last 7 seasons from 2–4 shore stations and with 10–22 catchers. The majority of the whales killed were sperm-whales, although the baleen whale catch is of some importance, including some few blue-whales.

Whaling off *Brazil* (see table *u*, page 30) has in later years been carried on from 1–2 shore stations with 2–5 catchers, and the whales killed are almost exclusively sei-whales. In the season 1961, when 4 catchers were employed, the sei-whale catch amounted to 958 animals, and in the last season with 3 catchers employed, the number of sei-whales caught was 610. In this season also 49 fin-whales were killed off Brazil.

In *Peru* whaling is carried on from 2–3 shore stations (see table *v*, page 30) and the whales killed during the last 6 seasons have been exclusively sperm-whales. In former years there were also killed some baleen whales, the number of which declined rapidly from and including 1955.

In *Chile* (see table *w*, page 31) whaling has been carried on in later years from 2–3 shore stations with 10–16 catchers. Most of the whales killed on the Chilean ground are sperm-whales, but the baleen whale catch has also been of some importance. During the last 6 seasons, however, the fin-whale catch has been strongly reduced, while the number of blue-whales killed was 209 in 1956, 100 in 1957, 166 in 1958, 80 in 1959, 131 in 1960, 142 in 1961 and 11 in 1962.

Whaling off *Australia and New Zealand* (see tables *z* and *z*¹, page 31) is mainly restricted to humpbacks, although a few of the other species of baleen whales have been killed. In the later years also some sperm-whales have been taken off Australia.

Table *z*², page 32, shows the production of by-products in the Antarctic and on the individual 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 1961–62 were 229,001 tons and 79,654 tons, respectively. Of these quanta 178,670 tons whale meat and 47,696 tons whale meal were produced in the Antarctic.

In some tables *z*^{3–10}, pages 33–38, is recorded the catch of small whales on the various grounds outside the Antarctic during the last 6 seasons.

Annex.

Supplementary Tables to the Introduction.

Table a.—Whaling matériel in operation in the years 1938/39—1961/62.

Years. ¹⁾	All whaling grounds.			Antarctic.			Others.		
	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.
1938-39	16	37	362	2	34	281	14	3	81
1943-44	9	1	66	1	1	15	8	—	51
1944-45	9	1	66	1	1	15	8	—	51
1945-46	38	11	158	3	9	93	35	2	65
1946-47	39	20	246	3	15	147	36	5	99
1947-48	50	21	307	3	17	183	47	4	124
1948-49	49	22	348	3	18	212	46	4	136
1949-50	50	22	382	3	18	237	47	4	145
1950-51	53	26	468	3	19	260	50	7	208
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

¹⁾ 1938-39 = Antarctic season 1938/39 and summer 1939, a.s.o.

Table b.—Whales killed in the years 1938/39—1961/62, by species.

Years. ¹⁾	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.
1938-39	14,152	22,622	1,393	815	5,511	1,290	45,783
1943-44	353	2,204	282	939	2,614	3	6,445
1944-45	1,111	2,617	303	218	1,669	1	5,919
1945-46	3,675	10,984	495	747	3,461	22	19,384
1946-47	9,302	16,495	290	1,131	7,546	56	34,820
1947-48	7,157	24,028	515	1,573	9,850	259	43,382
1948-49	7,781	21,763	3,395	1,855	9,016	192	44,002
1949-50	6,313	22,902	5,063	2,471	8,219	125	45,093
1950-51	7,278	22,819	4,352	3,033	18,281	49	55,812
1951-52	5,436	25,605	4,023	3,123	11,558	71	49,816
1952-53	4,218	25,581	3,328	2,208	9,577	76	44,988
1953-54	3,009	31,335	3,155	2,491	13,543	109	53,642
1954-55	2,495	32,185	2,713	1,940	15,593	136	55,062
1955-56	1,987	31,496	3,880	2,076	18,590	97	58,126
1956-57	1,775	31,626	3,196	3,138	19,156	165	59,056
1957-58	1,995	31,587	2,923	5,670	21,846	565	64,586
1958-59	1,442	30,942	5,055	5,539	21,298	213	64,489
1959-60	1,465	30,985	3,576	7,035	20,344	312	63,717
1960-61	1,987	31,790	2,840	7,785	21,130	279	65,811
1961-62	1,255	30,178	2,436	8,804	23,245	108	66,026

¹⁾ 1938-39 = Antarctic season 1938/39 and summer 1939, a.s.o.

Table c.—Whales killed in the various main areas 1938/39—1961/62.

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.
1938-39.....	45,783	100	38,356	83.8	2,687	5.9	802	1.7	232	0.5	2,280	5.0
1939-40.....	37,709	100	32,900	87.3	1,035	2.7	78	0.2	249	0.7	2,035	5.4
1945-46.....	19,384	100	13,387	69.1	984	5.1	1,145	5.9	113	0.6	1,750	9.0
1946-47.....	34,820	100	25,593	73.5	1,406	4.0	1,063	3.1	402	1.2	1,642	4.7
1947-48.....	43,382	100	31,318	72.2	2,308	5.3	1,644	3.8	492	1.1	1,590	3.7
1948-49.....	44,002	100	31,435	71.4	4,966	11.3	1,575	3.6	509	1.2	1,483	3.4
1949-50.....	45,093	100	32,396	71.9	4,122	9.1	1,698	3.8	620	1.4	1,701	3.8
1950-51.....	55,812	100	33,997	60.9	4,639	8.3	1,751	3.1	817	1.5	1,962	3.5
1951-52.....	49,816	100	35,237	70.7	2,945	5.9	763	1.5	895	1.8	1,998	4.1
1952-53.....	44,988	100	30,653	68.1	1,708	3.8	903	2.0	539	1.2	2,048	4.5
1953-54.....	53,642	100	34,872	65.0	1,088	2.0	788	1.5	630	1.2	2,354	4.5
1954-55.....	55,062	100	37,654	68.4	1,310	2.4	864	1.6	630	1.1	2,387	4.3
1955-56.....	58,126	100	38,580	66.4	1,229	2.1	858	1.5	520	0.9	3,284	5.6
1956-57.....	59,056	100	36,115	61.1	2,536	4.3	979	1.7	895	1.5	3,109	5.3
1957-58.....	64,586	100	39,896	61.8	3,026	4.7	890	1.4	1,325	2.0	3,644	5.6
1958-59.....	64,489	100	38,890	60.3	3,609	5.6	606	0.9	1,402	2.2	3,580	5.5
1959-60.....	63,717	100	38,892	61.0	3,523	5.5	596	0.9	453	0.7	3,029	4.8
1960-61.....	65,811	100	41,289	62.7	3,352	5.1	608	0.9	442	0.7	2,961	4.5
1961-62.....	66,026	100	38,555	58.4	3,947	6.0	738	1.1	984	1.5	2,959	4.5
	North Pacific Ocean and Bering Sea (pelagic).		Kamtschatka and Kuril Islands.		Chile.		Peru.		Australia and New Zealand.		Others.	
1938-39.....	—	—	476	1.0	469	1.0	—	—	81	0.2	400	0.9
1939-40.....	673	1.8 ³⁾	—	—	78	0.2	—	—	109	0.3	552	1.4
1945-46.....	—	—	466	2.4	598	3.1	—	—	110	0.5	831	4.3
1946-47.....	—	— ³⁾	—	—	851	2.4	2,890	8.3	113	0.3	860	2.5
1947-48.....	—	—	1,280	2.9	1,116	2.6	2,501	5.8	96	0.2	1,037	2.4
1948-49.....	—	—	2,015	4.6	991	2.2	—	—	334	0.7	694	1.6
1949-50.....	—	—	2,357	5.2	1,093	2.4	—	—	467	1.0	639	1.4
1950-51.....	—	—	2,583	4.6	1,094	2.0	6,414	11.5	1,335	2.4	1,220	2.2
1951-52.....	319	0.6	3,111	6.2	1,374	2.8	95	0.2	1,909	3.8	1,170	2.4
1952-53.....	701	1.6	2,879	6.4	1,198	2.7	1,340	3.0	2,110	4.7	909	2.0
1953-54.....	2,217	4.1	2,745	5.1	1,328	2.5	4,175	7.8	2,219	4.1	1,226	2.3
1954-55.....	2,652	4.8	3,031	5.5	1,298	2.4	1,887	3.4	1,966	3.6	1,383	2.5
1955-56.....	3,168	5.4	3,298	5.7	1,633	2.8	2,027	3.5	2,210	3.8	1,319	2.3
1956-57.....	3,341	5.7	3,513	5.9	2,512	4.3	2,381	4.0	2,286	3.9	1,389	2.3
1957-58.....	3,255	5.0	4,375	6.8	2,317	3.6	2,554	4.0	2,278	3.5	1,026	1.6
1958-59.....	3,352	5.2	4,146	6.4	2,233	3.5	3,400	5.3	2,131	3.3	1,140	1.8
1959-60.....	3,466	5.5	4,403	6.9	2,084	3.3	3,451	5.4	2,170	3.4	1,650	2.6
1960-61.....	3,338	5.1	3,964	6.0	2,334	3.5	3,602	5.5	2,018	3.1	1,903	2.9
1961-62.....	4,043	6.1	5,447	8.2	2,338	3.5	3,301	5.0	1,355	2.1	2,359	3.6

¹⁾ Excluding Spain, Portugal, Azores and Madeira. ²⁾ Excluding Japan, Korea, North Pacific Ocean and Bering Sea, Kamtschatka and Kuril Islands. ³⁾ No information received.

Table d.—Oil production in the various main areas 1938/39 and 1948/49—1961/62.

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.
1938-39..	3,011,813	100	8,520	2,820,771	93.7	10,038	106,793	3.5	5,086	26,066	0.9	1,241	9,424	0.3	1,885	12,784	0.4	556
1948-49..	2,596,131	100	7,460	2,219,621	85.5	10,470	185,003	7.1	4,512	58,840	2.3	1,961	10,202	0.4	1,134	14,179	0.5	567
1949-50..	2,548,230	100	6,671	2,166,489	85.0	9,141	154,134	6.0	3,585	63,612	2.5	1,988	12,345	0.5	1,543	26,112	1.0	1,044
1950-51..	2,955,532	100	6,315	2,303,690	77.9	8,860	151,736	5.2	3,439	61,635	2.1	1,926	19,073	0.6	1,734	29,611	1.0	1,184
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
1957-53..	3,048,969	100	7,312	2,317,638	76.0	9,018	89,401	2.9	5,538	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..	2,796,152	100	6,298	2,051,776	73.4	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
	North Pacific Ocean and Bering Sea (pelagic).			Kamchatka and Kuril Islands.			Chile.			Peru.			Australia and New Zealand.			Others.		
1938-39..	-	-	-	18,854	0.6	6,285	7,512	0.2	1,502	-	-	-	2,689	0.1	896	6,920	0.3	.
1948-49..	-	-	-	59,218	2.3	4,230	23,382	0.9	3,340	-	-	-	11,576	0.4	2,315	14,110	0.6	.
1949-50..	-	-	-	62,049	2.4	3,878	30,231	1.2	4,319	-	-	-	19,338	0.8	2,763	13,920	0.6	.
1950-51..	-	-	-	72,712	2.5	4,040	30,993	1.0	3,099	197,524	6.7	3,873	60,572	2.0	6,730	24,986	1.0	.
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	8,896	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	5,228	32,501	1.1	.
1960-61..	151,059	5.2	10,071	121,575	4.2	4,676	46,623	1.6	4,662	76,644	2.6	9,581	89,642	3.1	4,482	38,952	1.3	.
1961-62..	184,249	6.6	8,774	144,753	5.2	3,809	39,125	1.4	3,913	67,189	2.4	7,465	56,591	2.0	2,978	57,844	2.0	.

¹⁾ Excluding Spain, Portugal, Azores and Madeira. ²⁾ Excluding Japan, Korea, North Pacific Ocean and Bering Sea, Kamchatka and Kuril Islands. ³⁾ Barrel = 170 kg (Barrel = abt. ¹/₆ long ton.)

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

Years.	All countries.	Argentina.	Australia.	Brazil.	Canada.	Chile.	Denmark.	France.	Germany.	Iceland.	Japan.
<i>Absolute figures:</i>											
1937-38..	54,902	1,062	—	—	310	338	208	—	5,839	147	7,552
1938-39..	45,783	1,024	—	—	—	469	178	—	5,066	130	9,820
1939-40..	37,709	705	—	—	220	78	—	—	—	—	9,698
1945-46..	19,384	1,082	—	—	179	598	175	—	—	—	1,863
1946-47..	34,820	857	2	25	157	851	284	—	—	—	3,181
1947-48..	43,382	814	4	36	480	1,116	302	—	—	239	3,157
1948-49..	44,002	919	193	38	448	991	335	—	—	324	3,331
1949-50..	45,093	946	388	128	469	1,093	478	2,193	—	265	4,121
1950-51..	55,812	796	1,224	179	646	1,094	387	4,079	—	339	5,043
1951-52..	49,816	798	1,787	168	467	1,374	44	436	—	265	6,578
1952-53..	44,988	678	2,001	175	540	1,198	190	—	—	332	5,394
1953-54..	53,642	1,083	2,039	202	630	1,328	62	—	—	334	8,789
1954-55..	55,062	947	1,854	213	632	1,298	196	—	—	400	10,997
1955-56..	58,126	812	2,051	217	397	1,633	190	—	—	440	12,914
1956-57..	59,056	1,108	2,100	122	677	2,512	250	—	—	517	14,614
1957-58..	64,586	1,860	2,095	128	840	2,317	94	—	—	508	18,662
1958-59..	64,489	923	1,811	315	889	2,233	—	178	—	371	19,490
1959-60..	63,717	932	1,809	813	2	2,084	1	—	—	379	18,854
1960-61..	65,811	—	1,937	1,083	1	2,334	1	—	—	350	19,891
1961-62..	66,026	—	1,320	756	713	2,338	15	—	—	483	21,814
<i>Percentage figures:</i>	%	%	%	%	%	%	%	%	%	%	%
1937-38..	100.0	1.9	—	—	0.6	0.6	0.4	—	10.6	0.3	13.8
1938-39..	100.0	2.2	—	—	—	1.0	0.4	—	11.1	0.3	21.5
1939-40..	100.0	1.9	—	—	0.6	0.2	—	—	—	—	25.7
1945-46..	100.0	5.6	—	—	0.9	3.1	0.9	—	—	—	9.6
1946-47..	100.0	2.5	—	0.1	0.5	2.4	0.8	—	—	—	9.1
1947-48..	100.0	1.9	—	0.1	1.1	2.6	0.7	—	—	0.6	7.3
1948-49..	100.0	2.1	0.4	0.1	1.0	2.2	0.8	—	—	0.7	7.6
1949-50..	100.0	2.1	0.9	0.3	1.0	2.4	1.1	4.9	—	0.6	9.1
1950-51..	100.0	1.4	2.2	0.3	1.2	2.0	0.7	7.3	—	0.6	9.0
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	4.4	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	1.1	4.3	0.4	—	—	0.9	24.8
1957-58..	100.0	2.9	3.2	0.2	1.3	3.6	0.1	—	—	0.8	28.9
1958-59..	100.0	1.4	2.8	0.5	1.4	3.5	—	0.3	—	0.6	30.2
1959-60..	100.0	1.5	2.8	1.3	—	3.3	—	—	—	0.6	29.6
1960-61..	100.0	—	2.9	1.6	—	3.6	—	—	—	0.5	30.2
1961-62..	100.0	—	2.0	1.1	1.1	3.5	—	—	—	0.7	33.0

¹⁾ Including the catch of two Norwegian expeditions hired by Germany—in 1937/38 2,158 whales, and

years 1937/38—1939/40, and 1945/46—1961/62. 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>											
1937-38..	-	77 ¹⁾	15,355	1,527	-	417	-	5,869	13,286	2,650	265
1938-39..	-	81 ¹⁾	11,871	907	-	400	-	3,857	10,166	1,338	476
1939-40..	-	109	11,040	1,421	-	552	-	2,925	9,953	1,008	-
1945-46..	-	110	7,687	-	-	831	-	984	5,409	-	466
1946-47..	770	111	12,857	-	-	835	-	3,972	10,494	38	386
1947-48..	1,294	92	16,104	-	-	1,001	47	5,115	11,410	67	2,104
1948-49..	1,366	141	16,570	1,356	-	656	134	4,749	9,280	49	3,122
1949-50..	1,295	79	17,234	-	-	481	146	3,695	8,151	-	3,931
1950-51..	1,660	111	18,024	4,021	61	1,658	236	5,314	6,626	40	4,274
1951-52..	1,650	122	16,102	1,408	95	785	274	4,946	6,938	-	5,579
1952-53..	1,575	109	11,620	2,365	1,340	637	128	4,137	6,964	-	5,605
1953-54..	1,711	180	15,320	2,348	1,827	807	282	3,249	7,620	-	5,831
1954-55..	848	112	14,796	2,512	1,887	839	292	3,006	7,912	-	6,321
1955-56..	1,665	159	14,716	2,854	2,027	705	273	3,413	7,444	145	6,071
1956-57..	1,434	186	15,241	-	2,381	842	301	4,132	6,266	260	6,113
1957-58..	1,867	183	13,527	-	2,554	701	181	3,026	7,080	551	8,412
1958-59..	2,226	320	14,296	-	3,400	572	237	3,431	5,431	533	7,833
1959-60..	2,081	361	11,572	-	3,451	606	197	3,523	5,165	453	11,434
1960-61..	2,212	81	12,829	-	3,602	507	192	3,352	²⁾ 5,813	442	11,184
1961-62..	1,628	35	9,681	-	3,301	512	198	3,947	²⁾ 4,363	271	14,651
<i>Percentage figures:</i>											
	%	%	%	%	%	%	%	%	%	%	%
1937-38..	-	0.1	28.0	2.8	-	0.7	-	10.7	24.2	4.8	0.5
1938-39..	-	0.2	25.9	2.0	-	0.9	-	8.4	22.2	2.9	1.0
1939-40..	-	0.3	29.3	3.8	-	1.4	-	7.7	26.4	2.7	-
1945-46..	-	0.6	39.7	-	-	4.2	-	5.1	28.0	-	2.3
1946-47..	2.2	0.3	36.9	-	-	2.4	-	11.4	30.2	0.1	1.1
1947-48..	3.0	0.2	37.1	-	-	2.3	0.1	11.8	26.3	0.1	4.8
1948-49..	3.1	0.3	37.7	3.1	-	1.4	0.3	10.8	21.2	0.1	7.1
1949-50..	2.9	0.2	38.2	-	-	1.0	0.3	8.2	18.1	-	8.7
1950-51..	3.0	0.2	32.3	7.2	0.1	2.9	0.4	9.5	11.9	0.1	7.7
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	-	12.5
1953-54..	3.2	0.3	28.5	4.4	3.4	1.5	0.5	6.1	14.2	-	10.9
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	10.4
1957-58..	2.9	0.3	20.9	-	4.0	1.1	0.3	4.7	11.0	0.8	13.0
1958-59..	3.4	0.5	22.2	-	5.3	0.9	0.4	5.3	8.4	0.8	12.1
1959-60..	3.3	0.6	18.2	-	5.4	0.9	0.3	5.5	8.1	0.7	17.9
1960-61..	3.4	0.1	19.5	-	5.5	0.8	0.3	5.1	8.8	0.7	17.0
1961-62..	2.5	0.1	14.7	-	5.0	0.8	0.3	6.0	6.6	0.4	22.2

in 1938/39 1,658 whales. ²⁾ Including the catch of one company registered at Falkland Islands.

Table f.—Whaling results for the various countries in the

Oil production in barrels.¹⁾

Years.	All countries.	Argentina.	Australia.	Brazil.	Canada.	Chile.	Denmark.	France.	Germany.	Iceland.	Japan.
<i>Absolute figures:</i>											
1937-38..	3,641,314	51,766	-	-	13,157	9,345	6,101	-	369,727	4,920	422,036
1938-39..	3,011,813	66,826	-	-	-	7,512	5,197	-	374,149	3,764	496,260
1939-40..	2,668,756	39,432	-	-	8,700	2,234	-	-	-	-	593,499
1945-46..	948,715	45,028	-	-	7,200	17,861	3,981	-	-	-	5,837
1946-47..	2,186,749	47,830	40	835	6,600	25,036	6,286	-	-	-	80,244
1947-48..	2,437,545	44,965	65	1,060	17,385	28,522	10,277	-	-	9,000	120,716
1948-49..	2,596,131	52,518	5,738	1,251	16,347	23,382	10,026	-	-	11,820	134,408
1949-50..	2,548,230	41,348	16,494	2,132	14,951	30,231	13,776	98,660	-	12,292	197,613
1950-51..	2,955,532	40,593	56,090	2,925	22,105	30,993	9,303	145,721	-	14,012	203,489
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	93,377	3,530	18,241	36,108	6,164	-	-	13,229	513,253
1955-56..	2,911,616	43,376	104,607	3,596	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	683,212
1957-58..	3,048,969	94,199	107,845	2,524	23,753	48,301	3,475	-	-	20,335	834,251
1958-59..	2,914,647	39,430	94,311	4,736	23,522	44,851	-	8,280	-	15,511	859,002
1959-60..	2,883,972	40,500	89,366	10,800	27	41,443	-	-	-	17,536	816,073
1960-61..	2,925,736	-	85,542	16,275	-	46,623	-	-	-	15,082	863,074
1961-62..	2,796,152	-	55,053	13,446	16,151	39,125	466	-	-	20,357	974,865
<i>Percentage figures:</i>	%	%	%	%	%	%	%	%	%	%	%
1937-38..	100.0	1.4	-	-	0.4	0.3	0.2	-	10.2	0.1	11.6
1938-39..	100.0	2.2	-	-	-	0.2	0.2	-	12.4	0.1	16.5
1939-40..	100.0	1.5	-	-	0.3	0.1	-	-	-	-	22.2
1945-46..	100.0	4.7	-	-	0.8	1.9	0.4	-	-	-	0.6
1946-47..	100.0	2.2	-	-	0.3	1.1	0.3	-	-	-	3.7
1947-48..	100.0	1.8	-	-	0.7	1.2	0.4	-	-	0.4	5.0
1948-49..	100.0	2.0	0.2	-	0.6	0.9	0.4	-	-	0.5	5.2
1949-50..	100.0	1.6	0.6	0.1	0.6	1.2	0.5	3.9	-	0.5	7.8
1950-51..	100.0	1.4	1.9	0.1	0.7	1.0	0.3	4.9	-	0.5	6.9
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	34.9

¹⁾ Barrel = 170 kg. (Barrel = abt. 1/4 long ton, 1 long ton = 1,016 kg.) ²⁾ The figures include the production

³⁾ Calculated. ⁴⁾ Including the production of one company registered at Falkland Islands.

years 1937/38—1939/40 and 1945/46—1961/62. 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>											
1937-38.	-	2,391	²⁾ 1,169,069	117,650	-	7,284	-	332,775	959,692	166,299	9,102
1938-39.	-	2,689	²⁾ 853,867	68,853	-	6,920	-	207,738	796,796	102,388	18,854
1939-40.	-	3,909	909,790	113,000	-	10,047	-	159,329	766,209	62,607	-
1945-46.	-	4,184	536,803	-	-	16,016	-	30,552	265,112	-	16,141
1946-47.	77,310	3,825	991,709	-	-	19,537	-	252,556	638,576	1,365	35,000
1947-48.	85,130	3,864	1,064,313	-	-	23,103	956	242,187	685,650	2,350	98,002
1948-49.	109,849	5,838	1,119,514	56,720	-	12,859	2,009	226,419	673,387	1,493	132,553
1949-50.	82,792	2,844	1,122,466	-	-	11,100	2,482	198,978	534,629	-	165,442
1950-51.	103,560	4,482	1,150,728	198,532	2,015	41,346	4,529	250,946	490,199	1,358	182,606
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	6,325	859,246	164,778	32,604	18,843	4,481	160,644	474,760	5,760	248,556
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	³⁾ 5,123	88,345	⁴⁾ 306,199	11,435	499,544
1961-62.	90,305	1,538	581,652	-	67,189	14,780	4,440	96,783	⁴⁾ 212,977	7,439	599,586
<i>Percentage figures:</i>											
	%	%	%	%	%	%	%	%	%	%	%
1937-38.	-	0.1	32.1	3.2	-	0.2	-	9.1	26.3	4.6	0.2
1938-39.	-	0.1	28.4	2.3	-	0.2	-	6.9	26.5	3.4	0.6
1939-40.	-	0.2	34.1	4.2	-	0.4	-	6.0	28.7	2.3	-
1945-46.	-	0.4	56.6	-	-	1.7	-	3.2	28.0	-	1.7
1946-47.	3.5	0.2	45.4	-	-	0.9	-	11.5	29.2	0.1	1.6
1947-48.	3.5	0.2	43.7	-	-	1.0	-	9.9	28.1	0.1	4.0
1948-49.	4.2	0.2	43.1	2.2	-	0.5	0.1	8.7	26.0	0.1	5.1
1949-50.	3.2	0.1	44.1	-	-	0.4	0.1	7.8	21.0	-	6.5
1950-51.	3.5	0.1	38.9	6.7	0.1	1.4	0.2	8.5	16.6	0.1	6.2
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	0.5	0.2	3.5	7.6	0.3	21.4

of two Norwegian expeditions hired by Germany—in 1937/38 180,750 barrels, and in 1938/39 118,383 barrels.

Table g.—Sperm-oil production in the years 1954/55—1961/62.

Grounds.	¹⁾ 1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
South Georgia	4,154	4,119	3,807	10,723	10,305	4,399	6,409	4,456
Antarctic, pelagic.....	281,722	337,739	214,893	301,059	251,794	191,517	208,039	204,783
Africa:—								
Natal	16,447	15,007	22,412	21,701	22,866	27,510	25,131	40,293
Cape Province.....	—	—	11,159	13,750	14,900	17,890	15,774	21,246
Gabon ²⁾	—	—	—	—	230	—	—	—
South Atlantic, pelagic.....	³⁾ 835	³⁾ 3,738	³⁾ 2,554	³⁾ 415	³⁾ 309	³⁾ 989	³⁾ 3,655	³⁾ 13,324
Brazil	15	51	35	144	86	608	2,235	2,300
North Atlantic and Arctic:—								
Azores	15,871	14,244	16,536	13,958	12 148	11,636	10,534	10,809
Madeira	4,287	4,568	4,730	3,215	3,052	3,813	3,154	3,971
Spain	3,075	3,873	5,203	3,533	3,980	3,275	2,632	3,682
Norway	2,070	2,930	1,337	3,968	1,271	4,104	3,291	4,040
Faroe Islands	3,245	4,430	2,636	2,093	—	—	—	366
Iceland	1,100	5,676	5,065	7,682	7,617	10,471	8,947	8,074
West Greenland	396	567	1,035	664	—	—	—	—
Newfoundland	—	598	760	285	82	19	—	—
Pacific North:—								
California	—	232	529	241	457	450	1,774	1,447
Oregon	—	—	—	—	—	—	82	—
British Columbia	11,284	4,697	5,957	3,086	7,394	—	—	4,615
Bering Sea	47,905	73,994	76,442	75,430	84,806	87,441	76,765	122,605
Kamchatka	35,369	37,565	44,720	58,370	68,621	91,202	75,846	70,534
Kuril Islands	36,324	40,374	40,525	49,426	41,562	34,309	27,841	24,661
Japan	25,580	36,051	37,614	51,050	40,484	40,923	37,573	32,423
Ryukyu Islands	—	—	—	—	127	249	183	—
Indian Ocean	—	—	³⁾ 742	—	—	—	—	³⁾ 7,801
South Pacific Ocean	—	—	³⁾ 1,712	—	—	—	—	³⁾ 4,053
Peru	30,667	32,441	45,745	56,315	74,781	75,426	76,644	67,189
Chile	18,929	25,517	38,169	37,478	38,801	33,166	37,887	37,360
Australia and New Zealand..	243	2,699	5,334	10,598	5,906	11,337	18,934	24,251
Total	539,518	651,110	589,651	725,184	691,579	650,734	643,330	714,283
<i>Of which produced by:</i>								
Norway								
{ In Antarctic	139,729	132,469	99,666	121,704	88,354	63,791	74,057	68,754
{ Outside "	2,905	2,930	2,187	4,383	1,480	5,093	5,240	7,904
United Kingdom ...								
{ In Antarctic	56,902	65,795	29,149	40,514	40,535	22,002	⁴⁾ 14,667	⁴⁾ 19,843
{ Outside "	—	—	—	—	100	—	—	610
South Africa ..								
{ In Antarctic	16,978	28,860	4,019	—	—	—	—	—
{ Outside "	16,447	15,007	33,571	35,451	37,766	45,400	40,905	61,539
Japan								
{ In Antarctic	51,894	69,964	72,870	105,745	95,842	65,877	71,825	44,213
{ Outside "	73,485	110,045	116,510	126,480	125,290	128,364	114,338	165,340
U.S.S.R.								
{ In Antarctic	10,029	10,565	6,571	24,880	20,374	40,397	43,651	58,894
{ Outside "	71,693	77,939	85,245	107,796	110,183	125,511	105,393	105,587
Netherlands ..								
{ In Antarctic	6,404	18,272	4,846	12,656	13,784	2,019	10,248	17,535
{ Outside "	—	—	1,704	—	—	—	—	—
Panama								
{ In Antarctic	2,190	14,540	—	—	—	—	—	—
{ Outside "	—	3,738	—	—	—	—	—	—
Argentina								
{ In Antarctic	1,750	1,393	1,579	6,283	3,210	1,830	—	—
Canada								
{ Outside "	11,284	5,295	6,717	3,371	7,476	19	—	4,615
Portugal								
{ Outside "	20,158	18,812	21,266	17,173	15,200	15,449	13,688	14,780

(Cont. on next page.)

¹⁾ 1954-55 = Antarctic season 1954-55 and summer 1955, a.s.o. ²⁾ In earlier publications 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 g (cont.)

Grounds	1)1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
Australia .. Outside Antarctic	243	2,624	5,334	10,598	5,906	11,337	18,934	24,155
Spain Outside Antarctic	3,075	3,873	5,203	3,533	3,980	3,275	2,632	3,682
Denmark Outside "	3,641	4,997	3,671	2,757	—	—	—	366
Iceland Outside "	1,100	5,676	5,065	7,682	7,617	10,471	8,947	8,074
Peru Outside "	30,667	32,441	45,745	56,315	74,781	75,426	76,644	67,189
Chile Outside "	18,929	25,517	38,169	37,478	38,801	33,166	37,887	37,360
Brazil Outside "	15	51	35	144	86	608	2,235	2,300
U.S.A. Outside "	—	232	529	241	584	699	2,039	1,447
Other countries Outside "	—	2) 75	—	—	3) 230	—	—	2) 96

1) 1954—55 = Antarctic season 1954—55 and summer 1955 a.s.o. 2) New Zealand. 3) France. 4) Calculated.

Table h.—Average size of whales killed in the different grounds in the years 1955 to 1962.

Species of whales and whaling grounds.	1962	1961	1960	1959	1958	1957	1956	1955
	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.
Blue-whales.								
Antarctic:—								
South Georgia	—	72.75	73.00	64.00	74.50	71.71	81.33	73.00
Pelagic whaling	75.33	74.01	75.86	78.28	77.14	77.01	77.29	77.76
Africa:—								
Natal	67.71	67.83	69.83	71.67	70.33	68.40	72.40	66.83
Cape Province	68.00	65.00	61.00	—	68.25	73.50	—	—
Brazil	68.00	—	—	—	—	—	—	—
North Atlantic and Arctic:								
Norway	71.00	—	—	—	—	—	—	71.00
Faroe Islands	—	—	—	—	—	—	—	68.00
Iceland	—	—	—	73.83	67.40	71.00	69.13	69.30
West Greenland	—	—	—	—	—	78.00	73.00	92.00
Pacific North:—								
California	66.50	65.50	67.00	70.20	72.15	—	—	—
British Columbia	72.93	—	—	71.54	72.13	75.00	74.64	72.36
Bering Sea	78.15	78.90	76.76	78.19	76.60	77.19	77.64	74.25
Kamtschatka	74.26	77.50	—	76.95	—	72.78	74.57	75.94
Kuril Islands	73.82	76.00	73.29	74.00	75.64	73.58	75.69	75.37
Japan	69.00	74.00	65.00	73.80	68.71	71.00	71.29	71.10
Chile	67.18	70.43	71.82	75.02	73.68	72.68	72.90	73.31
Australia	66.25	—	68.50	68.67	71.00	—	—	—
Fin-whales.								
Antarctic:—								
South Georgia	62.94	63.96	66.35	65.89	66.06	63.81	65.00	64.75
Pelagic whaling	66.49	66.79	66.61	66.30	66.24	66.89	66.54	66.53
Africa:—								
Natal	59.67	60.58	60.92	60.55	60.80	61.37	61.21	61.27
Cape Province	59.40	60.73	62.38	59.59	61.05	60.53	—	—
Brazil	61.10	65.50	64.43	—	69.00	—	72.00	—
North Atlantic and Arctic:								
Madeira	—	—	—	—	—	58.00	—	—

Table h (cont.)

Species of whales and whaling grounds.	1962	1961	1960	1959	1958	1957	1956	1955
	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.
Norway	60.16	59.27	59.88	60.46	59.31	58.93	59.23	57.89
Faroe Islands	57.00	—	—	—	59.19	59.57	59.79	58.95
Iceland	59.27	59.41	61.01	60.51	59.54	59.13	58.94	59.43
West Greenland	—	—	—	—	62.13	61.24	62.71	60.86
Newfoundland	—	—	53.00	56.79	53.07	60.57	60.29	57.50
Pacific North:—								
California	59.43	60.31	60.94	61.07	61.28	61.59	58.33	—
Oregon	54.00	—	—	—	—	—	—	—
British Columbia	56.90	—	—	58.15	59.20	59.11	57.42	57.76
Bering Sea	61.68	63.25	60.52	61.98	61.29	61.44	61.20	61.46
Kamtschatka	59.60	58.94	61.91	61.42	61.64	61.60	61.68	61.12
Kuril Islands	60.67	60.56	60.46	60.93	61.64	61.73	62.78	61.37
Japan	57.08	56.65	56.78	56.15	56.15	56.22	56.97	57.22
Peru	—	—	—	—	—	—	51.00	—
Chile	52.26	55.00	59.12	57.86	56.51	54.55	54.46	54.38
Australia	—	—	—	50.00	—	—	67.00	—
Humpbacks.								
Antarctic:—								
South Georgia	—	—	—	—	—	—	—	40.00
Pelagic whaling	41.37	41.38	40.93	39.95	41.52	41.43	39.99	41.05
Africa:—								
Natal	38.78	38.42	37.36	39.05	38.38	38.41	38.03	39.29
Cape Province	41.22	39.00	45.75	39.57	44.50	39.00	—	—
Gabon ¹⁾	—	—	—	39.88	—	—	—	—
Brazil	44.91	43.69	39.23	41.75	43.20	—	41.50	41.67
North Atlantic and Arctic:								
Madeira	—	—	—	—	—	38.00	—	—
Norway	—	—	—	—	—	—	—	42.00
Faroe Islands	—	—	—	—	—	40.00	46.33	—
Newfoundland	—	—	—	—	41.00	—	—	—
Greenland	39.00	30.00	43.00	—	—	—	—	—
Pacific North:—								
California	42.03	40.15	41.33	39.99	41.27	40.74	40.89	—
Oregon	—	49.50	—	—	—	—	—	—
British Columbia	40.75	—	—	40.04	40.83	40.73	40.11	39.08
Bering Sea	42.29	44.78	—	—	41.54	—	40.27	39.88
Kamtschatka	40.74	41.32	41.37	40.86	40.30	40.98	39.23	40.49
Kuril Islands	37.50	38.79	45.67	38.00	39.25	39.00	39.10	44.87
Japan	47.00	41.00	36.00	41.75	44.25	38.60	41.57	39.22
Ryukyu Islands	38.63	40.12	39.50	40.24	38.85	40.22	—	—
Peru	—	—	—	—	—	—	38.00	—
Chile	37.00	—	—	—	—	41.00	—	45.00
Australia	38.30	38.85	40.37	40.45	40.95	40.84	41.21	40.90
New Zealand	39.06	40.46	40.09	40.36	40.62	40.37	40.59	40.54
Sei-whales.								
Antarctic:—								
South Georgia	48.63	49.27	49.53	49.75	50.05	49.50	49.95	50.00
Pelagic whaling	50.30	50.20	50.45	50.83	50.33	50.38	50.42	46.48
Africa:—								
Natal	43.44	44.36	44.03	44.13	44.05	43.20	41.91	43.78
Cape Province	45.75	48.87	47.11	45.72	45.12	45.81	—	—
Gabon ¹⁾	—	—	—	44.75	—	—	—	—
South Atlantic, pelagic:—	—	—	—	—	—	—	45.00	—

¹⁾ In earlier publications French Congo.

Table h (cont.).

Species of whales and whaling grounds.	1962	1961	1960	1959	1958	1957	1956	1955
	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.
Brazil.....	49.31	49.05	49.61	50.29	50.53	50.93	49.94	50.28
North Atlantic and Arctic:								
Norway.....	40.00	38.83	39.50	46.25	42.83	35.00	44.94	44.30
Faroe Islands.....	—	—	—	—	41.00	—	44.33	42.36
Iceland.....	45.30	44.36	44.14	44.01	43.33	42.68	41.13	42.99
West Greenland.....	—	—	—	—	—	50.00	45.00	51.67
Newfoundland.....	—	44.00	—	43.00	—	49.80	48.50	—
Pacific North:—								
California.....	46.45	44.92	43.94	45.74	46.50	51.00	—	—
British Columbia.....	44.48	—	—	43.94	44.49	44.47	41.16	44.23
Bering Sea.....	46.88	49.50	46.90	49.00	47.08	46.61	46.36	47.89
Kamtschatka.....	42.33	47.80	47.56	47.04	47.79	50.28	49.69	47.10
Kuril Islands.....	46.68	46.13	46.34	47.05	46.52	45.63	46.55	47.22
Japan.....	41.67	41.77	41.10	42.48	42.41	42.40	41.54	42.69
Chile.....	37.88	48.67	44.00	38.67	45.93	44.26	42.71	42.17
New Zealand.....	—	49.00	—	45.00	—	43.50	44.00	—
Australia.....	40.50	—	—	—	—	—	—	—
<u>Sperm-whales.</u>								
Antarctic:—								
South Georgia.....	46.65	46.87	47.58	46.47	47.12	45.69	46.83	48.72
Pelagic whaling.....	46.26	46.76	47.26	47.20	47.52	48.67	48.39	48.91
Africa:—								
Natal.....	38.29	37.88	38.96	38.57	39.66	40.03	40.72	39.54
Cape Province.....	37.03	37.98	39.05	37.64	36.89	39.41	—	—
Gabon ¹⁾	—	—	—	35.14	—	—	—	—
South Atlantic, pelagic...	43.58	40.25	40.00	38.31	43.50	41.68	40.99	38.38
Brazil.....	40.56	42.54	38.28	40.00	44.75	35.50	41.00	40.00
North Atlantic and Arctic:								
Azores.....	—	39.55	—	37.16	37.83	37.39	38.99	—
Madeira.....	—	39.51	—	44.30	34.53	39.23	39.57	—
Norway.....	48.16	47.82	50.37	48.61	48.36	48.03	48.47	46.73
Faroe Islands.....	51.00	—	—	—	49.80	46.40	47.12	46.83
Iceland.....	51.06	50.36	51.15	50.85	51.70	51.78	50.85	48.65
West Greenland.....	—	—	—	—	50.69	51.50	55.21	52.56
Newfoundland.....	—	—	51.00	54.00	47.29	55.71	51.62	—
Pacific North:—								
California.....	40.18	39.34	43.38	42.59	45.75	44.43	43.22	—
Oregon.....	—	48.67	—	—	—	—	—	—
British Columbia.....	39.09	—	—	40.31	39.71	40.89	41.56	42.48
Bering Sea.....	46.31	45.25	46.06	45.72	46.05	44.79	45.55	42.99
Kamtschatka.....	41.89	43.92	44.58	45.64	44.75	44.46	43.65	45.59
Kuril Islands.....	37.35	37.97	38.27	38.65	38.13	39.02	39.71	38.35
Japan.....	36.85	37.15	37.01	36.49	36.47	36.31	36.70	36.92
Ryukyu Islands.....	—	39.44	39.93	39.29	—	—	—	—
South Pacific Ocean, pel...	40.53	—	—	—	—	43.67	—	—
Indian Ocean, pel.....	39.08	—	—	—	—	43.77	—	—
Peru.....	—	40.58	38.01	—	—	—	39.80	—
Chile.....	34.53	34.59	36.92	37.04	38.24	37.95	37.96	39.71
Australia.....	43.55	43.54	42.94	44.08	42.61	42.86	44.85	47.00
New Zealand.....	43.00	—	—	—	—	—	48.50	—

1) In earlier publications French Congo.

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

Grounds.	Years.	Species of whales caught.							Oil production. Barr.¹)	Expeditions.			
		Blue.	Fin.	Hump-back.	Set.	Sperm.	Others.	Total of whales		Shore stations.	Floating factories.	Catchers.	
<i>North Atlantic and Arctic. Total</i>	1950	54	1,422	29	21	170	²) 2	1,698	63,612	11	-	32	
	1951	52	1,300	40	181	178	-	1,751	61,635	11	-	32	
	1952	15	635	3	51	59	-	763	25,172	7	-	18	
	1953	15	585	8	145	148	³) 2	903	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	85	210	-	979	33,802	6	-	17	
	1958	5	491	4	98	288	4	890	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	-	47	234	-	736	29,843	5	-	13	
<i>Norway.</i>	1950	3	342	8	3	79	-	435	15,979	4	-	13	
	1951	4	321	5	11	76	-	417	14,779	4	-	12	
	1952	1	374	2	24	51	-	452	14,761	4	-	11	
	1953	7	275	4	48	44	³) 2	380	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	³) 1	222	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		
<i>Scotland.</i>	1950	2	33	-	-	-	-	35	1,057	1	-	1	
	1951	4	13	-	3	1	-	21	791	1	-	1	
<i>Froe Islands.</i>	1950	6	377	1	2	46	-	432	13,232	2	-	6	
	1951	9	156	-	126	70	-	361	8,953	2	-	6	
	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	80	-	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	
<i>Iceland.</i>	1950	28	226	-	-	11	-	265	12,292	1	-	4	
	1951	11	312	1	2	13	-	339	14,012	1	-	4	
	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. 1/4 long ton). ²) Bottlenoses. ³) Minke-whales.

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		
<i>West Greenland.</i>	1950	—	35	4	—	5	¹⁾ 2	46	544	1	—	1		
	1951	—	15	5	—	6	—	26	²⁾ 350	1	—	1		
	1952	—	16	—	—	5	—	21	²⁾ 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	¹⁾ 3	37	1,051	1	—	1		
	1960	—	—	1	—	—	—	1	—	—	—	1		
	1961	—	—	1	—	—	—	1	—	—	—	—		
<i>Newfoundland and Labrador.³⁾</i>	1950	15	409	16	16	29	—	485	20,508	2	—	7		
	1951	24	483	29	39	12	—	587	22,750	2	—	8		
	1952	—	1	1	—	—	—	2	²⁾ 70	—	—	—		
	1953	—	1	—	—	—	—	1	²⁾ 39	—	—	—		
	1954	—	—	—	—	—	—	—	—	—	—	—		
	1955	—	2	—	—	—	—	2	²⁾ 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	—	—	—	—			

¹⁾ Bottlenoses. ²⁾ Calculated. ³⁾ From and including 1947 some Minke-whales, bottlenoses and a great number of pilot whales (potheads) have been taken by one station and 2 whale catchers. In some seasons a few "long whales" have also been taken. These long whales together with a calculated oil production have been included in the tables. The matériel is, however, not included.

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.			
1947	—	—	—	—	565	—	565	12,974	—	—	—
1948	—	—	—	—	698	—	698	15,488	—	—	—
1949	—	—	—	—	484	—	484	9,991	—	—	—
1950	—	—	—	—	423	—	423	9,949	—	—	—
1951	—	—	—	—	741	—	741	16,199	—	—	—
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	13,953	—	—	—
1959	—	—	—	—	485	—	485	12,148	—	—	—
1960	—	—	—	—	438	—	438	11,636	—	—	—
1961	—	—	—	—	374	—	374	10,534	—	—	—
1962 ²⁾	—	—	—	—	341	—	341	10,809	—	—	—

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

Table k.—Madeira.

Years	Species of whales caught.							Oil production.	Expeditions. ¹⁾		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1951	—	—	—	—	182	—	182	Barrels. 3,594	—	—	—
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	—	—	—

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.
1951	—	27	—	34	35	—	96	Barrels. 1,763	1	—	2
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	5,280	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

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

Table m.—Portugal.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1947	—	111	—	—	50	—	161	3,978	1	—	3
1948	—	106	—	—	35	—	141	3,519	1	—	3
1949	—	14	—	—	23	—	37	879	1	—	3
1950	—	34	—	—	10	—	44	764	1	—	3
1951	1	9	—	—	11	¹⁾ 1	22	505	1	—	3

¹⁾ Minke-whale.

Table n.—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⁾ (1)	—
1956	—	—	—	3	121	—	124	3,818	—	¹⁾ (2)	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⁾ —

¹⁾ The matériel is included in the Antarctic statistics.

Table o.—Africa.

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Barrels.	Shore stations.	Flotating factories.	Catchers.
<i>Africa. Total.</i>	1950	14	604	2,273	438	693	¹⁾ 100	4,122	154,134	5	2	43	
	1951	24	1,047	1,217	1,006	1,319	26	4,639	154,736	6	1	45	
	1952	19	766	391	1,043	726	—	2,945	93,342	4	1	35	
	1953	9	576	98	400	618	¹⁾ 7	1,708	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	903	1,489	¹⁾ 40	3,609	102,370	3	—	18	
	1960	7	993	40	681	1,793	¹⁾ 9	3,523	102,786	2	—	17	
	1961	9	823	40	703	1,769	¹⁾ 8	3,352	88,345	2	—	17	
	1962	8	541	46	707	2,581	¹⁾ 64	3,947	96,783	2	—	16	
<i>Natal</i>	1950	9	323	151	101	391	—	975	38,680	2	—	18	
	1951	20	789	103	247	910	²⁾ 2	2,071	74,446	2	—	20	
	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	1	—	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	
<i>Cape Province.</i>	1950	4	242	7	324	161	¹⁾ 100	838	15,000	1	—	7	
	1951	4	218	9	237	211	¹⁾ 23	702	14,589	1	—	7	
	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	
<i>Madagascar.</i>	1949	1	—	1,333	—	1	—	1,335	60,583	—	1	8	
	1950	1	10	711	3	²⁾ 64	—	789	34,424	—	1	9	
<i>Gabon⁴⁾</i>	1949	—	—	1,356	—	—	—	1,356	56,720	1	1	8	
	1950	—	—	1,404	—	—	—	1,404	64,236	1	1	7	
	1951	—	4	1,105	470	146	²⁾ 1	1,726	62,935	2	1	14	
	1952	—	—	265	171	—	—	436	16,485	—	1	7	
	1959	—	—	160	4	14	—	178	8,280	1	—	2	
<i>Spanish Morocco.</i>	1949	—	55	—	18	61	—	134	2,009	1	—	2	
	1950	—	29	—	10	77	—	116	1,794	1	—	2	
	1951	—	36	—	52	52	—	140	2,766	1	—	4	
	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⁾ Right-whales. ³⁾ 52 sperm-whales caught in the Indian Ocean. ⁴⁾ In earlier publications French Congo. In 1951 St. Thomé included.

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

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sel.	Sperm.	Others.	Total of whales.		Shore stations.	Float-ing factories.	Catch-ers.	
<i>Pacific North.</i> <i>Total.</i>	1949	2	115	91	119	182	—	509	10,202	2	—	1	9
	1950	4	150	95	267	103	²⁾ 1	620	12,345	1	—	1	8
	1951	9	225	55	285	239	—	817	19,073	2	—	1	11
	1952	16	240	62	433	144	—	895	19,002	1	—	1	10
	1953	8	181	47	14	275	⁴⁾ 14	539	18,255	1	—	—	5
	1954	11	150	106	134	226	²⁾ 3	630	17,507	1	—	—	6
	1955	11	120	37	139	320	²⁾ 3	630	18,164	1	—	—	6
	1956	14	171	161	37	136	²⁾ 1	520	18,488	2	—	—	8
	1957	15	306	271	94	204	5	895	28,386	3	—	—	11
	1958	34	682	445	41	120	3	1,325	34,948	6	—	—	15
	1959	33	475	384	224	284	²⁾ 2	1,402	38,536	6	—	—	17
	1960	1	138	234	48	30	²⁾ 2	453	12,586	5	—	—	14
	1961	2	118	154	51	113	²⁾ 4	442	11,435	5	—	—	12
	1962	29	281	79	362	232	²⁾ 1	984	23,590	7	—	—	18
<i>California.</i>	1949	—	10	11	—	28	—	49	1,493	1	—	—	2
	1950	—	—	—	—	—	—	—	—	—	—	—	—
	1951	—	9	4	—	26	²⁾ 1	40	1,358	1	—	—	2
	1956	—	3	133	—	9	—	145	5,760	1	—	—	2
	1957	—	22	199	1	14	²⁾ 1	237	8,741	1	—	—	3
	1958	26	109	115	2	8	²⁾ 1	261	8,518	2	—	—	4
	1959	5	106	140	39	17	²⁾ 2	309	10,430	2	—	—	5
	1960	1	138	67	47	16	²⁾ 2	271	8,743	2	—	—	5
	1961	2	118	62	51	101	²⁾ 4	338	9,148	2	—	—	5
	1962	2	123	39	22	60	—	246	6,981	2	—	—	5
<i>Oregon.</i>	1961	—	—	2	—	3	—	5	106	1	—	—	1
	1962	—	1	—	—	—	—	1	6	1	—	—	1
<i>British Columbia.</i>	1949	2	105	76	3	69	—	255	7,841	1	—	—	3
	1950	4	150	95	24	40	²⁾ 1	314	9,598	1	—	—	4
	1951	9	216	51	5	153	³⁾ 3	437	14,433	1	—	—	6
	1952	16	240	61	22	126	—	465	16,220	1	—	—	5
	1953	8	181	47	14	275	⁴⁾ 14	539	18,255	1	—	—	5
	1954	11	150	106	134	226	²⁾ 3	630	17,507	1	—	—	6
	1955	11	120	37	139	320	²⁾ 3	630	18,164	1	—	—	6
	1956	14	168	28	37	127	²⁾ 1	375	12,728	1	—	—	6
	1957	15	284	49	93	190	²⁾ 4	635	19,241	1	—	—	6
	1958	8	573	40	39	112	²⁾ 2	774	22,173	1	—	—	6
	1959	28	369	27	185	260	—	869	22,777	1	—	—	6
	1962	27	157	16	340	172	²⁾ 1	713	16,151	1	—	—	6
	<i>Bonin Island,</i> <i>pelagic.</i>	1949	—	—	4	116	85	—	205 ¹⁾	868	—	—	1
1950		—	—	—	243	63	—	306	2,747	—	—	1	4
1951		—	—	—	280	60	—	340	3,282	—	—	1	3
1952		—	—	1	411	18	—	430	2,782	—	—	1	5
<i>Ryukyu Islands</i> (Okinawa)	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

¹⁾ The whale is mainly used for human food. ²⁾ Baird's beaked whales. ³⁾ 1 right-whale, 1 Calif Grey-whale, 1 Baird's beaked whale. ⁴⁾ 10 grey-whales and 4 Baird's beaked whales.

Table q.—Japan.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sci.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1948	49	176	8	533	823	1) 1	1,590	Barrels. 15,018	20	—	25
1949	14	209	—	759	501	—	1,483	14,179	17	—	25
1950	7	141	5	299	1,429	—	1,701	26,112	16	—	25
1951	47	209	4	419	1,283	—	1,962	29,611	17	—	25
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	—	24
1960	1	131	2	788	2,107	—	3,029	48,403	19	—	25
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

1) Right-whales.

Table r.—North Pacific Ocean and Bering Sea.

								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

1) Right-whales.

Table s.—Kamtchatka.

								Barrels.			
1946	2	117	9	—	316	2) 22	466	16,141	—	1	3
1947 ¹⁾	—	—	—	—	—	—	—	—	—	—	—
1948	3	229	8	3	574	3) 3	820	28,383	—	1	4
1949	3	64	—	21	774	4) 6	868	33,045	—	1	4
1950	5	92	4	7	587	5) 4	699	27,046	—	1	4
1951	7	90	1	16	765	6) 5	884	32,650	—	1	5
1952	7	234	17	13	731	7) 4	1,006	34,811	—	1	5
1953	11	145	11	26	865	8) 3	1,061	41,493	—	1	5
1954	12	238	21	22	816	9) 3	1,112	36,264	—	1	5
1955	4	79	8	28	996	8) 1	1,116	38,248	—	1	5
1956	7	65	31	16	998	10) 2	1,119	40,571	—	1	6
1957	9	81	50	36	1,174	8) 1	1,351	49,282	—	1	7
1958	—	39	10	19	1,430	8) 2	1,500	60,013	—	1	7
1959	22	132	74	93	1,560	—	1,831	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	11) 15
1962	19	438	1,213	303	1,955	—	3,928	116,183	—	2	28

1) No returns. 2) No specification. 3) 2 bottlenoses and 1 whale-killer. 4) 2 Minke-whales and 4 whale-killers. 5) 1 Minke-whale and 3 bottlenoses. 6) 2 Minke-whales and 3 bottlenoses. 7) 2 Minke-whales and 2 bottlenoses. 8) Bottlenoses. 9) 1 Minke-whale and 2 bottlenoses. 10) 1 Minke-whale and 1 bottlenose. 11) Incl. 4 catchers which also operated from Kuril Islands.

Table t.—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.
								Barrels.			
1949	—	53	7	60	986	¹⁾ 41	1,147	26,173	5	—	10
1950	2	106	18	49	1,471	²⁾ 12	1,658	35,003	5	—	12
1951	9	156	8	52	1,462	³⁾ 12	1,699	40,062	5	—	13
1952	17	241	9	188	1,641	⁴⁾ 9	2,105	51,458	5	—	12
1953	10	179	6	86	1,521	⁵⁾ 16	1,818	42,586	5	—	13
1954	23	266	8	126	1,192	⁶⁾ 18	1,633	49,394	5	—	13
1955	27	219	23	128	1,494	⁷⁾ 24	1,915	43,979	5	—	13
1956	45	241	10	171	1,693	⁸⁾ 19	2,179	54,249	4	—	15
1957	44	173	2	108	1,821	⁹⁾ 14	2,162	52,415	4	—	14
1958	14	328	4	336	2,184	¹⁰⁾ 9	2,875	62,478	4	—	22
1959	19	223	5	131	1,878	¹¹⁾ 9	2,265	52,143	3	—	19
1960	14	265	3	140	1,487	¹²⁾ 22	1,931	45,032	3	—	13
1961	15	156	19	52	1,401	¹³⁾ 4	1,647	34,535	3	—	15
1962	11	77	2	79	1,347	¹⁴⁾ 3	1,519	28,570	2	—	10

¹⁾ 6 Minke-whales, 11 bottlenoses, and 24 whale-killers. ²⁾ 3 Minke-whales and 9 bottlenoses. ³⁾ 7 Minke-whales and 5 bottlenoses. ⁴⁾ 3 Minke-whales and 6 bottlenoses. ⁵⁾ 8 Minke-whales and 8 bottlenoses. ⁶⁾ 9 Minke-whales and 9 bottlenoses. ⁷⁾ 9 Minke-whales, 5 bottlenoses, and 10 Southern Right-whales. ⁸⁾ 10 Minke-whales and 9 bottlenoses. ⁹⁾ 6 Minke-whales, 8 bottlenoses. ¹⁰⁾ 4 Minke-whales and 5 bottlenoses. ¹¹⁾ 1 Minke-whale and 8 bottlenoses. ¹²⁾ 4 Minke-whales and 18 bottlenoses. ¹³⁾ 1 Minke-whale and 3 bottlenoses. ¹⁴⁾ 1 Minke-whale and 2 bottlenoses.

Table u.—Brazil.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1949	—	—	15	18	—	¹⁾ 5	38	1,251	2	—	2
1950	—	—	24	98	—	²⁾ 6	128	2,132	2	—	2
1951	—	—	28	151	—	—	179	2,925	1	—	2
1952	—	—	10	157	1	—	168	2,171	2	—	2
1953	—	—	8	161	1	³⁾ 5	175	2,837	2	—	2
1954	—	—	18	183	1	—	202	3,636	1	—	2
1955	—	—	9	200	1	⁴⁾ 3	213	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	⁵⁾ 2	315	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

¹⁾ 1 Minke-whale, 4 not specified. ²⁾ No specification. ³⁾ Right-whales. ⁴⁾ 1 right-whale, 2 Minke-whales. ⁵⁾ Minke-whales.

Table v.—Peru.

								Barrels.			
1951	4	21	23	1	6,365	—	6,414	197,524	1	4	51
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

Table w.—Chile.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations-	Floating factories-	Catchers.
								Barrels.			
1951	77	279	3	2	733	-	1,094	30,993	2	-	10
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

¹⁾ Right-whales.Table x.—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⁾ -

¹⁾ Catch by fl. factory on voyage to the Antarctic grounds. ²⁾ Incl. in the Antarctic statistics.Table y.—Indian Ocean. (North of 40° South Lat.)¹⁾

1957	-	-	-	-	23	-	23	742	-	²⁾ (2)	²⁾ -
1962	-	-	-	-	371	-	371	7,801	-	²⁾ (6)	²⁾ -

¹⁾ Catch by fl. factories on voyage to the Antarctic grounds. ²⁾ Incl. in the Antarctic statistics.

Table z.—Australia.

								Barrels.			
1950	-	-	388	-	-	-	388	16,494	2	-	4
1951	-	-	1,224	-	-	-	1,224	56,090	2	-	6
1952	-	-	1,787	-	-	-	1,787	91,830	4	-	10
1953	-	1	2,000	-	-	-	2,001	102,191	4	-	9
1954	1	-	2,038	-	-	-	2,039	100,515	5	-	9
1955	-	-	1,846	-	7	¹⁾ 1	1,854	96,377	5	-	9
1956	-	1	1,989	-	61	-	2,051	104,607	5	-	11
1957	-	-	1,961	-	139	-	2,100	108,069	5	-	12
1958	2	-	1,807	-	283	²⁾ 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	²⁾ 2	1,937	85,542	5	-	12
1962	4	-	720	2	592	²⁾ 2	1,320	55,053	5	-	13

¹⁾ Minke-whale. ²⁾ Bryde-whales.Table z¹.—New Zealand.

								Barrels.			
1950	-	-	79	-	-	-	79	2,844	1	-	3
1951	-	-	111	-	-	-	111	4,482	1	-	3
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

Table z².—Production of by-products in the Antarctic and on other whaling grounds 1956/57—1961/62.

Year Grounds	By-products	Whale meat-meal, bone-meal, grax-meal, guano,	Whale liver	Liver- oil, vitamin oil	Liver- meal	Whale meat, blubber for food, ventral grooves	Whale solubles	Other by- products
		Long tons	L. tons	L. ton ^s	L. tons	L. tons	L. tons	L. tons
1956-57.....	Total	71,201	1,335	369	156	113,804	9,743	10,021
1957-58.....	"	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
<i>1960-61.</i>								
Antarctic.....		56,031	1,937	134	—	124,698	2,169	29,718
Africa:—Natal....		5,596	—	17	—	—	2,705	486
Cape Province...		2,750	—	—	—	1,657	—	33
Brazil: Paraiba...		610	—	—	—	672	—	670
Cabo Frio.....		455	—	2	—	—	—	42
North Atl. and Arctic								
Azores.....		191	—	—	—	—	—	—
Madeira.....		115	—	—	—	—	—	—
Norway.....		561	7	—	—	1,798	—	—
Iceland.....		1,578	6	—	—	1,307	—	—
Newfoundland..		—	—	—	—	6	—	—
Pacific North:—								
California.....		1,465	—	—	—	2,207	—	—
Oregon.....		15	—	—	—	29	12	—
Bering Sea.....		93	—	97	—	18,455	—	5,940
Kamtschatka....		330	265	—	—	38	—	—
Kuril Islands....		1,058	169	—	—	203	—	543
Japan.....		4,911	—	—	—	10,950	—	2,287
Ryukyu Islands..		253	8	1	—	934	—	85
Peru.....		4,623	—	—	—	—	—	—
Chile.....		1,543	—	—	—	1	659	71
Australia.....		3,996	—	—	—	535	2,303	—
New Zealand.....		53	17	—	—	205	—	—
	Total	86,227	2,409	251	—	163,695	7,848	39,875
<i>1961-62.</i>								
Antarctic.....		47,696	2,336	102	—	178,670	—	39,985
Africa:—Natal....		5,543	—	¹⁾ —	—	—	3,014	426
Cape Province...		2,850	—	—	—	877	—	67
Brazil: Paraiba....		322	—	—	—	1,867	—	14
Cabo Frio.....		689	53	1	—	2,595	—	42
North Atl. and Arctic								
Azores.....		—	—	—	—	—	—	—
Madeira.....		149	—	—	—	—	—	—
Spain.....		315	—	—	—	285	—	—
Norway.....		683	29	—	—	1,809	—	—
Iceland.....		2,325	—	—	—	2,821	—	—
Faroe Islands....		—	—	—	—	54	—	—
Pacific North:—								
California.....		1,282	—	—	—	1,919	—	—
Oregon.....		2	—	—	—	5	—	—
British Columbia.		2,376	—	²⁾ —	—	2,806	999	—
Kamtschatka....		1,684	437	—	—	716	—	2
Kuril Islands....		833	135	—	—	—	—	285
Bering Sea.....		—	15	126	—	23,438	—	6,129
Japan.....		5,428	—	—	—	10,435	—	1,662
Ryukyu Islands..		44	—	—	—	219	—	13
Peru.....		4,028	—	—	—	—	—	—
Chile.....		833	—	—	—	1	1,514	2
Australia.....		2,555	—	—	—	350	1,455	—
New Zealand.....		17	4	—	—	134	—	—
	Total	79,654	3,009	229	—	229,001	6,982	48,627

¹⁾ 562,910 Mill. units liver oil (Vitamin A) were produced. ²⁾ 926,752 Mill. units liver oil (Vitamin A) were produced.

Table Z³.—Catch of small whales in the years 1957/58—1961/62, 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>1957—58.</i>							
Norway	4,341	145	216	39	50	—	—
Faroe Islands ²⁾
Newfoundland	42	—	789	—	—	—	—
Gulf of St. Lawrence..	—	—	—	—	2	—	—
Hudson Bay	—	—	—	—	708	—	—
British Columbia	—	—	—	—	—	2	—
Japan	512	—	197	73	—	229	178
U.S.S.R.	4	7	—	25	—	—	—
Antarctic	493	—	—	75	—	—	—
Total	5,392	152	1,202	212	760	231	178
<i>1958—59.</i>							
Norway	3,091	94	224	69	—	—	—
Faroe Islands	—	—	1,422	—	—	—	—
Greenland	19	—	—	—	—	—	—
Newfoundland	18	—	1,725	—	—	—	—
Hudson Bay	—	—	—	—	268	—	—
Japan	280	—	144	36	—	186	391
U.S.S.R.	1	8	—	36	—	—	—
Antarctic	103	—	—	110	—	—	—
Total	3,512	102	3,515	251	268	186	391
<i>1959—60.</i>							
Norway	3,429	193	331	82	—	—	—
Faroe Islands	22	—	1,680	—	—	—	—
Greenland	21	..	5	..	186	..	379 ³⁾
Newfoundland	11	—	1,957	—	—	—	—
Hudson Bay	—	—	—	—	385	—	—
Japan	253	—	168	48	—	147	178
U.S.S.R.	4	18	—	53	—	—	—
Antarctic	204	—	—	55	—	—	—
Total	3,944	211	4,141	238	571	147	557
<i>1960—61.</i>							
Norway	3,219	87	295	111	—	—	—
Faroe Islands	—	—	1,892	—	—	—	27
Greenland	26	—	—	—	33 ⁴⁾	—	7 ⁴⁾
Newfoundland	22	—	6,262	—	—	—	—
Hudson Bay	—	—	—	—	93	—	—
Japan	332	—	133	54	—	133	305
U.S.S.R.	1	3	—	4	—	—	—
Antarctic	162	—	—	64	—	—	—
Total	3,762	90	8,582	233	126	133	339
<i>1961—62.</i>							
Norway	3,286	321	43	124	—	—	—
Faroe Islands	—	—	1,762	—	—	—	—
Greenland	58	—	—	—	10	—	—
Newfoundland	45	—	150	—	—	—	—
Hudson Bay	—	—	—	—	174	—	—
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 ¹⁾	363	2,105	178	281	146	377

¹ 1957—58 = Antarctic season 1957—58 and summer 1958, a.s.o. ² No information received. ³ Incl. probably some white-whales. ⁴ Up to March 31st incl.

**Table Z⁴.—Catch of Minke-whales (*Balaenoptera Acutorostrata*) 1957—1962,
by months and whaling grounds.**

Grounds	Year	Months											Total		
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.		Des.	
Norway:—															
Total	1957	—	—	17	145	1,035	1,191	441	722	93	—	—	—	—	3,644
	1958	—	—	38	200	936	1,824	494	743	106	—	—	—	—	4,341
	1959	—	—	4	208	803	1,161	353	486	76	—	—	—	—	3,091
	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
Of which:															
Coastal districts ¹)	1957	—	—	17	69	278	419	419	674	91	—	—	—	—	1,967
	1958	—	—	35	62	234	530	438	695	104	—	—	—	—	2,098
	1959	—	—	—	—	—	—	—	—	—	—	—	—	—	1,271
	1960	—	—	—	—	—	—	—	—	—	—	—	—	—	1,428
	1961	—	—	—	—	—	—	—	—	—	—	—	—	—	1,411
	1962	—	—	—	—	—	—	—	—	—	—	—	—	—	1,501
Barents Sea, Spitzbergen and Bear Island ²)	1957	—	—	—	50	613	714	—	—	—	—	—	—	—	1,377
	1958	—	—	—	130	539	1,109	43	12	—	—	—	—	—	1,833
	1959	—	—	—	—	—	—	—	—	—	—	—	—	—	1,355
	1960	—	—	—	—	—	—	—	—	—	—	—	—	—	1,503
	1961	—	—	—	—	—	—	—	—	—	—	—	—	—	1,374
	1962	—	—	—	—	—	—	—	—	—	—	—	—	—	1,248
Shetland ³)	1957	—	—	—	26	144	58	22	48	2	—	—	—	—	300
	1958	—	—	3	8	163	185	13	36	2	—	—	—	—	410
	1959	—	—	—	—	—	—	—	—	—	—	—	—	—	465
	1960	—	—	—	—	—	—	—	—	—	—	—	—	—	498
	1961	—	—	—	—	—	—	—	—	—	—	—	—	—	434
	1962	—	—	—	—	—	—	—	—	—	—	—	—	—	537
Denmark:—															
Faroe Islands.....	1960	—	—	—	22	—	—	—	—	—	—	—	—	—	22
Greenland.....	1959	—	—	—	—	—	6	7	2	3	1	—	—	—	19
	1960	—	—	—	—	6	7	1	—	1	1	1	—	—	³) 21
	1961	—	—	2	5	5	5	3	2	3	2	2	—	—	⁴) 26
	1962	—	—	2	6	6	4	6	8	17	11	3	1	—	58
United Kingdom:—															
Antarctic	1958/59	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	1959/60	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Canada:—															
Newfoundland ..	1957	—	—	—	—	—	15	22	—	—	—	—	—	—	37
	1958	—	—	—	—	2	30	8	—	2	—	—	—	—	42
	1959	—	—	—	—	2	5	10	1	—	—	—	—	—	18
	1960	—	—	—	—	—	3	6	1	1	—	—	—	—	11
	1961	—	—	—	—	—	8	11	2	1	—	—	—	—	22
	1962	—	—	—	—	—	—	—	—	—	—	—	—	—	45
Nova Scotia	1962	—	—	—	—	—	—	—	—	—	—	—	—	—	5
Japan:—															
Coastal districts..	1957	4	9	25	102	124	76	38	11	21	13	—	—	—	423
	1958	2	6	18	74	214	135	26	11	22	4	—	—	—	512
	1959	—	2	12	33	82	42	59	36	9	5	—	—	—	280
	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
U.S.S.R.:—															
Kuril Islands	1957	—	—	—	—	1	1	3	—	1	—	—	—	—	6
	1958	—	—	—	—	—	1	1	1	—	1	—	—	—	4
	1959	—	—	—	—	—	—	—	1	—	—	—	—	—	1
	1960	—	—	—	—	1	—	1	2	—	—	—	—	—	4
	1961	—	—	—	—	—	—	1	—	—	—	—	—	—	1
	1962	—	—	—	—	—	—	1	—	—	—	—	—	—	1

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 Z⁴. (cont.)

Grounds	Year	Months												Total	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Antarctic	1956/57	—	—	46	—	—	—	—	—	—	—	—	—	—	46
	1957/58	4	—	481	—	—	—	—	—	—	—	—	8	493	
	1958/59	9	—	—	—	—	—	—	—	—	—	38	55	102	
	1959/60	—	—	—	—	—	—	—	—	—	—	63	140	203	
	1960/61	3	15	4	—	—	—	—	—	—	—	40	100	162	
	1961/62	1	—	—	1	—	—	—	—	—	—	—	—	2	

Table Z⁵.—Catch of Bottlenoses (*Hyperoodon Rostrata*) 1957—1962, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1957	—	—	—	41	65	32	24	1	—	—	—	—	163
	1958	—	—	—	5	81	32	11	2	6	8	—	—	145
	1959	—	—	—	8	29	49	2	1	1	4	—	—	94
	1960	—	—	—	30	110	51	—	2	—	—	—	—	193
	1961	—	—	—	8	50	11	10	8	—	—	—	—	87
	1962	—	—	—	—	124	91	90	15	1	—	—	—	321
Of which:														
Coastal districts ¹⁾ . .	1957	—	—	—	11	31	4	—	1	—	—	—	—	47
	1958	—	—	—	—	5	16	—	1	6	8	—	—	36
	1959	—	—	—	—	—	—	—	—	—	—	—	—	24
	1960	—	—	—	—	—	—	—	—	—	—	—	—	43
	1961	—	—	—	—	—	—	—	—	—	—	—	—	28
	1962	—	—	—	—	—	—	—	—	—	—	—	—	5
Barents Sea, Spitzbergen and Bear Island ²⁾	1957	—	—	—	30	34	28	—	—	—	—	—	—	92
	1958	—	—	—	5	76	16	—	—	—	—	—	—	97
	1959	—	—	—	—	—	—	—	—	—	—	—	—	69
	1960	—	—	—	—	—	—	—	—	—	—	—	—	150
	1961	—	—	—	—	—	—	—	—	—	—	—	—	49
	1962	—	—	—	—	—	—	—	—	—	—	—	—	131
Shetland ¹⁾	1957	—	—	—	—	—	—	24	—	—	—	—	—	24
	1958	—	—	—	—	—	—	11	1	—	—	—	—	12
	1959	—	—	—	—	—	—	—	—	—	—	—	—	1
	1960	—	—	—	—	—	—	—	—	—	—	—	—	—
	1961	—	—	—	—	—	—	—	—	—	—	—	—	10
	1962	—	—	—	—	—	—	—	—	—	—	—	—	185
Canada:—														
Nova Scotia	1962	—	—	—	—	—	—	—	—	—	—	—	—	40
U.S.S.R.:—														
Kamchatka	1957	—	—	—	—	1	—	—	—	—	—	—	—	1
	1958	—	—	—	—	—	1	—	—	1	—	—	—	2
	1959	—	—	—	—	—	—	—	—	—	—	—	—	—
Kuril Islands	1957	—	—	—	—	2	3	1	1	1	—	—	—	8
	1958	—	—	—	—	1	2	—	2	—	—	—	—	5
	1959	—	—	—	1	1	3	—	2	1	—	—	—	8
	1960	—	—	—	—	—	4	—	1	1	12	—	—	18
	1961	—	—	—	—	—	1	1	—	—	1	—	—	3
	1962	—	—	—	—	—	1	1	—	—	—	—	—	2

¹⁾, ²⁾ See notes 1 and 2, page 34,

**Table. Z⁶.—Catch of Pilot-whales (*Globicephala Melaena*) 1957—1962,
by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1957	—	—	—	—	6	—	4	52	18	—	—	—	80
	1958	—	—	2	—	—	—	64	150	—	—	—	—	216
	1959	—	—	—	—	—	2	19	191	12	—	—	—	224
	1960	—	—	—	—	22	—	37	266	6	—	—	—	331
	1961	—	—	—	—	3	1	23	267	1	—	—	—	295
	1962	—	—	—	—	3	—	2	38	—	—	—	—	43
Of which:														
Coastal districts ¹)	1957	—	—	—	—	3	—	3	14	18	—	—	—	38
	1958	—	—	2	—	—	—	—	32	—	—	—	—	34
	1959	—	—	—	—	—	—	—	—	—	—	—	—	56
	1960	—	—	—	—	—	—	—	—	—	—	—	—	52
	1961	—	—	—	—	—	—	—	—	—	—	—	—	153
	1962	—	—	—	—	—	—	—	—	—	—	—	—	21
Shetland ¹)	1957	—	—	—	—	3	—	1	38	—	—	—	—	42
	1958	—	—	—	—	—	—	64	118	—	—	—	—	182
	1959	—	—	—	—	—	—	—	—	—	—	—	—	168
	1960	—	—	—	—	—	—	—	—	—	—	—	—	279
	1961	—	—	—	—	—	—	—	—	—	—	—	—	142
	1962	—	—	—	—	—	—	—	—	—	—	—	—	22
Denmark:—														
Faroe Islands .	1959	129	—	—	—	123	355	381	434	—	—	—	—	1,422
	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	1,762
Canada:—														
Newfoundland	1957	—	—	—	—	—	—	382	5,110	1,985	320	—	—	7,797
	1958	—	—	—	—	—	—	—	516	158	115	—	—	789
	1959	—	—	—	—	—	—	263	390	815	157	100	—	1,725
	1960	—	—	—	—	141	—	107	807	902	—	—	—	1,957
	1961	—	—	—	—	151	—	441	2,815	2,334	521	—	—	6,262
	1962	—	—	—	—	—	—	—	—	—	—	—	—	150
Nova Scotia . . .	1962	—	—	—	—	—	—	—	—	—	—	—	—	70
Japan:—														
Coastal districts	1957	13	1	13	5	12	45	20	19	5	13	15	13	174
	1958	4	1	—	8	36	57	23	13	9	13	21	12	197
	1959	—	1	13	19	18	52	7	2	4	10	15	3	144
	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

¹ See note 1 page 34.

Table Z⁷.—Catch of Killer-whales (*Orcinus orca*) 1957—1962, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
Total	1957	—	—	—	14	11	10	—	12	1	—	—	—	48
	1958	—	—	7	11	16	4	—	—	1	—	—	—	39
	1959	—	—	—	9	14	17	—	25	4	—	—	—	69
	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
Of which:														
Coastal districts ¹⁾ ...	1957	—	—	—	14	10	7	—	2	—	—	—	—	33
	1958	—	—	7	9	8	3	—	—	1	—	—	—	28
	1959	—	—	—	—	—	—	—	—	—	—	—	—	13
	1960	—	—	—	—	—	—	—	—	—	—	—	—	40
	1961	—	—	—	—	—	—	—	—	—	—	—	—	57
	1962	—	—	—	—	—	—	—	—	—	—	—	—	46
Barents Sea, Spitzbergen and Bear Island ²⁾	1957	—	—	—	—	—	2	—	—	—	—	—	—	2
	1958	—	—	—	2	8	1	—	—	—	—	—	—	11
	1959	—	—	—	—	—	—	—	—	—	—	—	—	24
	1960	—	—	—	—	—	—	—	—	—	—	—	—	14
	1961	—	—	—	—	—	—	—	—	—	—	—	—	11
	1962	—	—	—	—	—	—	—	—	—	—	—	—	11
Shetland ¹⁾	1957	—	—	—	—	1	1	—	10	1	—	—	—	13
	1959	—	—	—	—	—	—	—	—	—	—	—	—	32
	1960	—	—	—	—	—	—	—	—	—	—	—	—	28
	1961	—	—	—	—	—	—	—	—	—	—	—	—	43
	1962	—	—	—	—	—	—	—	—	—	—	—	—	67
Japan:														
Coastal districts ..	1957	—	—	2	5	4	10	21	5	9	11	8	3	78
	1958	—	7	2	—	8	25	3	5	4	7	8	4	73
	1959	—	3	—	4	1	3	2	3	8	6	6	—	36
	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
U.S.S.R.:—														
Kamtchatka	1957	—	—	—	—	—	—	—	3	—	—	—	—	3
	1958	—	—	—	—	—	—	—	4	3	—	—	—	7
	1959	—	—	—	—	—	—	—	—	—	—	—	—	—
	1960	—	—	—	—	—	—	—	8	—	—	—	—	8
Kuril Islands	1957	—	—	—	—	3	9	7	3	5	—	—	—	27
	1958	—	—	—	—	—	5	5	5	—	3	—	—	18
	1959	—	—	—	—	—	25	8	—	3	—	—	—	36
	1960	—	—	—	2	3	—	15	1	3	21	—	—	45
	1961	—	—	—	—	—	4	—	—	—	—	—	—	4
	1962	—	—	—	—	—	3	—	1	3	—	—	—	7
Antarctic	1956-57	6	—	—	—	—	—	—	—	—	—	—	48	54
	1957-58	4	—	—	—	—	—	—	—	—	—	16	55	
	1958-59	—	—	—	—	—	—	—	—	—	—	36	74	
	1959-60	—	—	—	—	—	—	—	—	—	—	25	30	
	1960-61	—	—	8	—	—	—	—	—	—	—	19	37	
	1961-62	—	—	—	—	—	—	—	—	—	—	—	—	

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 Z⁸.—Catch of White-whales, (*Delphinapterus leucas*) 1957—1962, by months and whaling grounds.

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Norway:—														
West Spitzbergen ¹).	1957	—	—	—	—	294	—	—	—	—	—	—	—	294
	1958	—	—	—	—	50	—	—	—	—	—	—	50	
Canada:—														
Hudson Bay	1957	—	—	—	—	—	26	234	130	127	—	—	—	517
	1958	—	—	—	—	—	—	—	338	370	—	—	708	
	1959	—	—	—	—	—	—	—	—	—	—	—	268	
	1960	—	—	—	—	—	—	—	—	—	—	—	385	
	1961	—	—	—	—	—	—	3	52	38	—	—	93	
	1962	—	—	—	—	—	—	—	—	—	—	—	174	
Gulf of St. Lawrence . . .	1957	—	—	—	—	—	—	—	—	—	—	—	1	
	1958	—	—	—	—	—	—	—	—	—	—	—	2	
Northwest Territories	1962	—	—	—	—	—	—	—	—	—	—	—	97	
Greenland:—	1962	—	—	7	3	—	—	—	—	—	—	—	10	

¹ See note 2, page 34.**Table Z⁹.—Catch of Baird's beaked whales (*Berardius bairdii*) 1957—1962, by months and whaling grounds.**

Grounds	Year	Months												Total
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Canada:—														
British Columbia . .	1957	—	—	—	—	2	—	—	2	—	—	—	—	4
	1958	—	—	—	—	—	—	—	2	—	—	—	—	2
Japan:—														
Coastal districts . . .	1957	—	—	—	—	3	13	72	75	11	2	10	—	186
	1958	—	—	—	—	—	5	81	110	25	8	—	—	229
	1959	—	—	—	1	1	11	66	51	32	20	4	—	186
	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
U.S.S.R.:—														
Antarctic	1962	—	—	—	1	—	—	—	—	—	—	—	—	1

Table Z¹⁰.—Catch of others or unspecified small whales 1957—1962, 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 . . .	1957	—	—	—	2	8	3	4	15	3	1	1	—	37
	1958	56	28	3	6	6	3	9	16	2	3	1	45	178
	1959	87	13	74	86	19	5	53	13	10	4	8	19	391
	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

TABLES

Antarctic season 1961/62 and summer season 1962.

Table No. 1.—Whaling in 1961/62 and summer 1962.

Geographical areas.	Species of whales caught.							On production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia	—	661	—	447	86	—	1,194	49,815	1	—	8
Antarctic, pelagic whaling	1,118	26,438	309	4,749	4,743	¹⁾ 4	37,361	2,001,961	—	21	261
Africa:—											
Natal	7	489	37	319	1,640	—	2,492	67,809	1	—	11
Cape Province	1	52	9	388	941	²⁾ 64	1,455	28,974	1	—	5
South Atlantic, pelagic whaling ³⁾	—	—	—	—	358	—	358	13,324	—	—	—
Brazil:—											
Paraiba	1	49	11	610	85	—	756	13,446	2	—	3
North Atlantic and Arctic:—											
Azores ⁴⁾	—	—	—	—	341	—	341	10,809	—	—	—
Madeira	—	—	—	—	171	—	171	3,971	—	—	—
Spain	—	—	—	—	167	⁵⁾ 31	198	4,440	2	—	3
Norway	1	145	—	3	91	—	240	9,020	3	—	8
Faroe Islands	—	6	—	—	7	—	13	466	1	—	1
Iceland	—	303	—	44	136	—	483	20,357	1	—	4
Greenland	—	—	2	—	—	—	2	—	—	—	—
Pacific North:—											
California	2	123	39	22	60	—	246	6,981	2	—	5
Oregon	—	1	—	—	—	—	1	6	1	—	1
British Columbia	27	157	16	340	172	⁶⁾ 1	713	16,151	1	—	6
N. Pacific Ocean and Bering Sea, pelagic whaling	48	1,166	17	260	2,549	⁷⁾ 3	4,043	184,249	—	3	21
Kamtschatka, pel.	19	438	1,213	303	1,955	—	3,928	116,183	—	2	28
Kuril Islands	11	77	2	79	1,347	⁸⁾ 3	1,519	28,570	2	—	10
Japan	5	39	1	1,229	1,685	—	2,959	44,409	15	—	25
Ryukyu Islands	—	—	24	—	—	—	24	452	3	—	6
Peru	—	—	—	—	3,301	—	3,301	67,189	3	—	9
Chile	11	34	4	9	2,280	—	2,338	39,125	2	—	10
Australia	4	—	720	2	592	²⁾ 2	1,320	55,053	5	—	13
New Zealand	—	—	32	—	3	—	35	1,538	2	—	6
Indian Ocean, pelagic whaling ³⁾	—	—	—	—	371	—	371	7,801	—	—	—
S. Pacific Ocean, pelagic whaling ³⁾	—	—	—	—	164	—	164	4,053	—	—	—
Total	1,255	30,178	2,436	8,804	23,245	108	66,026	2,796,152	48	26	444

¹⁾ 1 Baird's beaked whale, 2 Minke-whales and 1 right-whale. ²⁾ Bryde-whales. ³⁾ Catch by floating factories on voyage to the Antarctic whaling grounds (North of 40° South Lat.). ⁴⁾ Excl. the catch from San Miguel and San Jorge. ⁵⁾ Baleen whales, not specified. ⁶⁾ Baird's beaked whale. ⁷⁾ Right-whales. ⁸⁾ 1 Minke-whale and 2 bottlenoses. ⁹⁾ Barrel = 170 kg. (Barrel = abt. 1/6 long ton, 1 long ton = 1,016 kg.)

Table No. 2.—Norwegian whaling in 1961/62 and summer 1962.

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...	132	6,943	12	560	1,657	—	9,304	568,768	—	7	71
S. Atlantic Ocean, pelagic whaling ¹⁾	—	—	—	—	71	—	71	2,694	—	—	—
Indian Ocean, pel. ¹⁾	—	—	—	—	66	—	66	1,170	—	—	—
Norway	1	145	—	3	91	—	240	9,020	3	—	8
Total	133	7,088	12	563	1,885	—	9,681	581,652	3	7	79

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

Table No. 3.—Whaling of United Kingdom in 1961/62 and summer 1962.

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 ¹⁾ ...	—	661	—	447	86	—	1,194	49,815	1	—	8
Antarctic, pelagic ..	50	1,678	11	1,058	333	—	3,130	162,552	—	2	22
S. Atlantic Ocean, pelagic whaling ²⁾	—	—	—	—	39	—	39	610	—	—	—
Total	50	2,339	11	1,505	458	—	4,363	212,977	1	2	30

¹⁾ Catch and production of a British Company registered at Falkland Islands. ²⁾ Catch by floating factory on voyage to the Antarctic whaling grounds. (Catch north of 40° South Lat.).

Table No. 4.—Whaling of Japan in 1961/62 and summer 1962.

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 .	489	11,855	2	941	1,064	—	14,351	735,895	—	7	86
N. Pacific Ocean and Bering Sea, pelagic	48	1,166	17	260	2,549	¹⁾ 3	4,043	184,249	—	3	21
Japan	5	39	1	1,229	1,685	—	2,959	44,409	15	—	25
Indian Ocean, pel. ²⁾	—	—	—	—	297	—	297	6,259	—	—	—
S. Pacif. Ocean pel. ²⁾	—	—	—	—	164	—	164	4,053	—	—	—
Total	542	13,060	20	2,430	5,759	3	21,814	974,865	15	10	132

¹⁾ Right-whales. ²⁾ Catch by floating factories on voyage to the Antarctic whaling grounds. (North of 40° South Lat.).

Table No. 5.—Whaling of U.S.S.R. in 1961/62 and summer 1962.

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 .	402	4,851	270	2,138	1,283	¹⁾ 4	8,948	444,441	—	4	67
South Atlantic Ocean, pelagic ²⁾ .	—	—	—	—	248	—	248	10,020	—	—	—
Indian Ocean pel. ²⁾ .	—	—	—	—	8	—	8	372	—	—	—
Kamtschatka, pelagic	19	438	1,213	303	1,955	—	3,928	116,183	—	2	28
Kuril Islands.....	11	77	2	79	1,347	³⁾ 3	1,519	28,570	2	—	10
Total	432	5,366	1,485	2,520	4,841	7	14,651	599,586	2	6	105

¹⁾ 1 Baird's beaked whale, 2 Minke-whales and 1 right-whale. ²⁾ Catch by floating factories on voyage to the Antarctic whaling grounds. (North of 40° South Lat.). ³⁾ 1 Minke-whale and 2 bottlenoses.

Table No. 6.—Whaling results for the various countries in 1961/62 and summer 1962.

Countries.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels			
Japan	542	13,060	20	2,430	5,759	¹⁾ 3	21,814	974,865	15	10	132
U.S.S.R.	432	5,366	1,485	2,520	4,841	²⁾ 7	14,651	599,586	2	6	105
Norway	133	7,088	12	563	1,885	—	9,681	581,652	3	7	79
United Kingdom ³⁾ .	50	2,339	11	1,505	458	—	4,363	212,977	1	2	30
South Africa	8	541	46	707	2,581	⁴⁾ 64	3,947	96,783	2	—	16
Netherlands	45	1,111	14	52	406	—	1,628	90,305	—	1	15
Peru	—	—	—	—	3,301	—	3,301	67,189	3	—	9
Australia	4	—	720	2	592	⁴⁾ 2	1,320	55,053	5	—	13
Chile	11	34	4	9	2,280	—	2,338	39,125	2	—	10
Iceland	—	303	—	44	136	—	483	20,357	1	—	4
Canada	27	157	16	340	172	⁵⁾ 1	713	16,151	1	—	6
Portugal ⁶⁾	—	—	—	—	512	—	512	14,780	—	—	—
Brazil	1	49	11	610	85	—	756	13,446	2	—	3
U.S.A.	2	124	63	22	60	—	271	7,439	6	—	12
Spain	—	—	—	—	167	⁷⁾ 31	198	4,440	2	—	3
New Zealand	—	—	32	—	3	—	35	1,538	2	—	6
Denmark	—	6	2	—	7	—	15	466	1	—	1
Total	1,255	30,178	2,436	8,804	23,245	108	66,026	2,796,152	48	26	444

¹⁾ Right-whales. ²⁾ 1 Baird's beaked whale, 3 Minke-whales, 2 bottlenoses and 1 right-whale. ³⁾ Incl. the catch and production of one British company registered at Falkland Islands. ⁴⁾ Bryde-whales. ⁵⁾ Baird's beaked whale. ⁶⁾ Excl. the catch and production from San Miguel and San Jorge, Azores. ⁷⁾ Baleen whales, not specified.

Table No. 7.—Average size of whales caught in the summer season 1962.

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
A. Blue-whales.		Engl. feet.	Engl. feet.	Engl. feet.
<i>Africa:—</i>				
Natal	—	65.40	73.50	67.71
Males 5 } Females 2 } Total 7.				
Cape Province	—	68.00	—	68.00
Males 1.				
Africa, total	—	65.83	73.50	67.75
Males 6 } Females 2 } Total 8.				
<i>Brazil</i>	—	—	68.00	68.00
Females 1.				
<i>North Atlantic and Arctic:—</i>				
Norway	—	—	71.00	71.00
Females 1.				
<i>Pacific North:—</i>				
California	—	—	66.50	66.50
Females 2.				

Table No. 7 (continued)

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
British Columbia	--	70.40	74.41	72.93
Males 10 } Total 27.				
Females 17 }				
North Pacific Ocean and Bering Sea, pelagic	No. 1	75.67	81.78	80.25
Males 25 } Total 48.	" 2	75.14	78.00	75.50
Females 23 }	" 3	78.13	79.58	79.00
Average		76.16	80.30	78.15
Kamtchatka, pelagic.	--	72.44	75.90	74.26
Males 9 } Total 19.				
Females 10 }				
Kuril Islands	--	74.13	73.00	73.82
Males 8 } Total 11.				
Females 3 }				
Japan	No. 1	65.00	--	65.00
Males 4 } Total 5.	" 2	68.00	--	68.00
Females 1 }	" 3	68.00	76.00	70.67
Average		67.25	76.00	69.00
Pacific North, total.	--	73.61	76.77	75.19
Males 56 } Total 112.				
Females 56 }				
Chile	--	65.50	68.14	67.18
Males 4 } Total 11.				
Females 7 }				
Australia	--	66.25	--	66.25
Males 4.				
<u>B. Fin-whales.</u>				
<i>Africa:—</i>				
Natal	--	58.96	60.46	59.67
Males 256 } Total 485.				
Females 229 }				
Cape Province	--	58.25	60.39	59.40
Males 24 } Total 52.				
Females 28 }				
Africa, total.	--	58.90	60.45	59.64
Males 280 } Total 537.				
Females 257 }				
Brazil	--	60.33	62.05	61.10
Males 27 } Total 49.				
Females 22 }				

Table No. 7 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
<i>North Atlantic and Arctic:—</i>				
Norway	No. 1	58.61	60.95	59.44
Males 80 } Total 145.	" 2	59.32	62.49	60.95
Females 65 }	" 3	55.80	61.00	58.40
Average		58.76	61.88	60.16
Faroe Islands	—	56.80	58.00	57.00
Males 5 } Total 6.				
Females 1 }				
Iceland	—	58.08	60.72	59.27
Males 166 } Total 303.				
Females 137 }				
North Atlantic and Arctic, total	—	58.27	61.08	59.53
Males 251 } Total 454.				
Females 203 }				
<i>Pacific North:—</i>				
California	No. 1	59.07	60.31	59.65
Males 65 } Total 123.	" 2	57.94	60.72	59.25
Females 58 }				
Average		58.45	60.53	59.43
British Columbia	—	55.78	57.73	56.90
Males 67 } Total 157.				
Females 90 }				
Oregon	—	54.00	—	54.00
Males 1.				
North Pacific Ocean and Bering Sea, pelagic	No. 1	60.38	62.70	61.40
Males 620 } Total 1,166.	" 2	59.86	62.45	60.97
Females 546 }	" 3	61.24	63.88	62.65
Average		60.44	63.08	61.68
Kamtchatka, pelagic	—	59.42	59.79	59.60
Males 223 } Total 437.				
Females 214 }				
Kuril Islands	—	60.22	61.81	60.67
Males 54 } Total 75.				
Females 21 }				
Japan	No. 1	68.00	55.14	56.75
Males 13 } Total 39.	" 2	58.64	58.00	58.29
Females 26 }	" 3	—	54.00	54.00
	" 4	51.00	53.00	52.33
Average		58.77	56.23	57.08
Pacific North, total	—	59.76	61.47	60.58
Males 1,043 } Total 1,998.				
Females 955 }				

Table No. 7 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<i>Chile</i>	No. 1	Engl. feet.	Engl. feet.	Engl. feet.
Males 23 } Total 34.	" 2	60.20	60.67	60.38
Females 11 }		45.92	42.80	45.06
Average		52.13	52.55	52.26
<u>C. Humpbacks.</u>				
<i>Africa:—</i>				
Natal	—	39.11	38.44	38.78
Males 18 } Total 36				
Females 18 }				
Cape Province	—	40.50	41.80	41.22
Males 4 } Total 9.				
Females 5 }				
Africa, total.....	—	39.36	39.17	39.27
Males 22 } Total 45.				
Females 23 }				
<i>Brazil</i>	No. 1	40.33	—	40.33
Males 5 } Total 11.	" 2	45.50	47.00	46.63
Females 6 }				
Average		42.40	47.00	44.91
<i>North Atlantic and Arctic:—</i>				
Greenland	—	45.00	33.00	39.00
Males 1 } Total 2.				
Females 1 }				
<i>Pacific North:—</i>				
California	No. 1	42.38	43.62	43.14
Males 21 } Total 39.	" 2	40.31	41.80	40.72
Females 18 }				
Average		41.10	43.11	42.03
British Columbia	—	40.71	40.78	40.75
Males 7 } Total 16.				
Females 9 }				
North Pacific Ocean and Bering Sea, pelagic	No. 1	40.44	44.00	41.09
Males 11 } Total 17.	" 2	42.00	45.75	44.50
Females 6 }				
Average		40.73	45.17	42.29
Kamtchatka, pelagic	—	40.39	41.11	40.74
Males 626 } Total 1,213.				
Females 587 }				
Kuril Islands.....	—	37.50	—	37.50
Males 2.				
Japan	—	47.00	—	47.00
Males 1.				

Table No. 7 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
Ryukyu Islands	No. 1	38.00	39.22	38.58
Males 11 } Total 24.	" 2	35.00	39.75	38.80
Females 13 }				
Average		37.73	39.38	38.63
Pacific North, total.....	—	40.37	41.16	40.75
Males 679 } Total 1,312.				
Females 633 }				
Chile	--	36.33	39.00	37.00
Males 3 } Total 4.				
Females 1 }				
Australia	No. 1	38.68	38.40	38.56
Males 407 } Total 720.	" 2	37.35	39.32	38.16
Females 313 }	" 3	38.44	39.40	38.80
	" 4	37.60	38.93	38.19
	" 5	41.33	47.00	42.75
Average		37.82	38.94	38.30
New Zealand	No. 1	38.40	38.11	38.29
Males 22 } Total 32.	" 2	40.57	47.00	41.38
Females 10 }				
Average		39.09	39.00	39.06
<u>D. Sei-whales.</u>				
<i>Africa:—</i>				
Natal	—	43.00	43.79	43.44
Males 140 } Total 310.				
Females 170 }				
Cape Province.....	—	45.03	46.17	45.75
Males 141 } Total 383.				
Females 242 }				
Africa, total.....	—	44.02	45.19	44.71
Males 281 } Total 693.				
Females 412 }				
Brazil:.....	No. 1	46.73	47.73	47.16
Males 364 } Total 610.	" 2	51.06	53.56	51.98
Females 246 }				
Average		48.78	50.10	49.31
<i>North Atlantic and Arctic:—</i>				
Norway	—	45.00	37.50	40.00
Males 1 } Total 3.				
Females 2 }				
Iceland	—	44.13	45.90	45.30
Males 15 } Total 44.				
Females 29 }				
North Atlantic and Arctic, total	—	44.19	45.35	44.96
Males 16 } Total 47.				
Females 31 }				

Table No. 7 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
<i>Pacific North:—</i>				
California	No. 1	45.00	47.25	46.80
Males 4 } Total 22.	" 2	41.67	47.36	46.35
Females 18 }				
Average		42.50	47.33	46.45
British Columbia	—	43.92	45.42	44.48
Males 213 } Total 340.				
Females 127 }				
North Pacific Ocean and Bering Sea, pelagic	No. 1	46.01	47.83	46.69
Males 155 } Total 260.	" 2	45.68	47.73	46.51
Females 105 }	" 3	47.21	48.81	48.05
Average		46.11	48.01	46.88
Kamtchatka, pelagic	—	42.29	42.38	42.33
Males 160 } Total 303.				
Females 143 }				
Kuril Islands	—	46.71	46.65	46.68
Males 48 } Total 79.				
Females 31 }				
Japan	No. 1	41.05	42.23	41.68
Males 598 } Total 1,229.	" 2	41.85	43.62	42.73
Females 631 }	" 3	41.60	41.81	41.72
	" 4	40.91	40.97	40.94
	" 5	41.81	43.00	42.29
Average		41.30	42.01	41.67
Pacific North, total	—	42.81	43.35	43.07
Males 1,178 } Total 2,233				
Females 1,055 }				
<i>Chile</i>	No. 1	—	50.00	50.00
Males 4 } Total 9	" 2	31.75	31.50	31.63
Females 5 }				
Average		31.75	35.20	37.88
<i>Australia</i>	—	—	40.50	40.50
Females 2.				
<u>E. Sperm-whales.</u>				
<i>Africa:—</i>				
Natal	--	40.45	35.43	38.29
Males 921 } Total 1,616.				
Females 695 }				
Cape Province	—	37.83	34.99	37.03
Males 667 } Total 930.				
Females 263 }				

Table No. 7 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
Africa, total.....	—	39.35	35.31	37.83
Males 1,588 } Total 2,546				
Females 958 }				
<i>South Atlantic Ocean</i> , pelagic ...	No. 1	45.54	34.83	44.11
Males 308 } Total 358	" 2	48.90	34.33	45.54
Females 50 }	" 3	33.83	33.81	33.82
	" 4	47.52	—	47.52
	" 5	41.95	36.71	41.54
	" 6	43.60	37.75	43.12
Average		45.02	34.72	43.58
<i>Brazil</i>	No. 1	49.00	—	49.00
Males 57 } Total 85.	" 2	42.66	35.39	40.15
Females 28 }				
Average		43.11	35.39	40.56
<i>North Atlantic and Arctic</i> :—				
Norway	No. 1	48.97	—	48.97
Males 91.	" 2	47.68	—	47.68
Average		48.16	—	48.16
Faroe Islands	—	51.00	—	51.00
Males 7.				
Iceland	—	51.06	—	51.06
Males 136.				
North Atlantic and Arctic, total	—	49.93	—	49.93
Males 234.				
<i>Pacific North</i> :—				
California	No. 1	41.64	35.50	40.69
Males 46 } Total 60.	" 2	41.17	36.50	39.79
Females 14 }				
Average		41.39	36.21	40.18
British Columbia	—	41.61	34.84	39.09
Males 108 } Total 172.				
Females 64 }				
North Pacific Ocean and				
Bering Sea, pelagic	No. 1	45.78	—	45.78
Males 2,546 } Total 2,549.	" 2	46.08	38.00	46.07
Females 3 }	" 3	47.10	35.50	47.08
Average		46.32	36.33	46.31
Kamtschatka, pelagic	No. 1	42.57	39.64	42.43
Males 1,593 } Total 1,951.	" 2	42.16	39.58	41.32
Females 358 }				
Average		42.41	39.59	41.89
Kuril Islands.....	—	37.67	36.05	37.35
Males 1,048 } Total 1,309.				
Females 261 }				

Table No. 7 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
Japan.....	No. 1	38.80	35.88	36.87
Males 614 } Total 1,685.	" 2	40.45	35.85	38.26
Females 1,071 }	" 3	36.38	35.32	35.62
	" 4	37.76	35.71	36.31
	" 5	38.95	35.43	36.80
Average		38.87	35.70	36.85
Pacific North, total.....		42.86	36.51	41.40
Males 5,955 } Total 7,726.				
Females 1,771 }				
Chile.....	No. 1	35.82	32.24	33.92
Males 1,145 } Total 2,277.	" 2	42.06	30.66	39.48
Females 1,132 }				
Average		36.87	32.16	34.53
Australia.....	No. 1	43.71	36.00	43.59
Males 578 } Total 592.	" 2	44.27	36.20	42.78
Females 14 }				
Average		43.73	36.07	43.55
New Zealand.....	—	43.00	—	43.00
Males 3.				
South Pacific Ocean, pelagic....	—	42.82	39.21	40.53
Males 60 } Total 164.				
Females 104 }				
Indian Ocean, pelagic.....	No. 1	40.00	40.00	40.00
Males 162 } Total 371.	" 2	39.49	30.92	36.24
Females 209 }	" 3	36.00	33.50	34.33
	" 4	38.70	38.64	38.68
	" 5	41.03	39.39	40.05
	" 6	42.14	38.51	39.64
Average		40.55	37.94	39.08
<u>F. Right-whales.</u>				
<i>Pacific North:—</i>				
North Pacific Ocean and Bering Sea, pelagic.....	—	50.50	46.00	49.00
Males 2 } Total 3.				
Females 1 }				
<u>G. Bryde-whales.</u>				
<i>Africa:—</i>				
Cape Province.....	—	41.90	43.83	42.59
Males 41 } Total 64.				
Females 23 }				
Australia.....	—	39.00	—	39.00
Males 2.				

**Table No. 8.—Whales caught in the summer season 1962,
by species, sex, and size.**

**I. Natal.
Blue-whales.**

Engl. feet.	Number of		Total animals.	Average size { Males: 65.40 feet Females: 73.50 " Total animals: 67.71 " Per cent { Males: 71.43 Females: 28.57
	males.	females.		
60	1	—	1	
65	1	—	1	
66	2	1	3	
70	1	—	1	
81	—	1	1	
Sum	5	2	7	

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
46	—	1	1	68	5	2	7
49	—	1	1	70	8	6	14
50	3	1	4	71	3	6	9
51	3	—	3	72	—	7	7
52	3	4	7	73	—	4	4
53	4	1	5	74	—	10	10
55	40	38	78	76	—	4	4
56	52	39	91	77	1	—	1
57	30	33	63	78	—	2	2
58	18	8	26	79	—	1	1
59	13	12	25	Sum	256	229	1) 485
60	17	17	34	Average size { Males: 58.96 feet Females: 60.46 " Total animals: 59.67 "			
61	9	6	15	Per cent { Males: 52.78 Females: 47.22			
62	10	5	15				
63	10	7	17				
64	5	2	7				
65	3	5	8				
66	8	4	12				
67	11	3	14				

1) In addition 4 fin-whales lost.

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	4	—	4	46	1	—	1
36	2	5	7	47	1	—	1
37	1	3	4	Sum	18	18	1) 36
38	4	1	5	Average size { Males: 39.11 feet Females: 38.44 " Total animals: 38.78 "			
39	—	3	3	Per cent { Males: 50.00 Females: 50.00			
40	—	3	3				
41	2	2	4				
42	1	—	1				
43	2	—	2				
44	—	1	1				

1) In addition 1 humpback lost.

Table No. 8 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	4	5	9	50	3	7	10
36	5	2	7	51	—	6	6
37	3	5	8	52	1	1	2
38	7	10	17	53	—	2	2
39	6	6	12	55	1	1	2
40	14	9	23	56	—	1	1
41	12	14	26	Sum	140	170	¹⁾ 310
42	12	19	31	Average size	{	Males:	43.00 feet
43	14	15	29			Females:	43.79 "
44	8	17	25	Total animals:		43.44 "	
45	12	13	25	Per cent	{	Males:	45.16
46	17	8	25			Females:	54.84
47	11	9	20				
48	7	7	14				
49	3	13	16				

¹⁾ In addition 9 sei-whales lost.

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
27	1	—	1	45	45	—	45
28	—	3	3	46	51	—	51
29	—	7	7	47	24	—	24
30	9	20	29	48	23	—	23
31	4	9	13	49	17	—	17
32	1	5	6	50	12	—	12
33	—	3	3	51	10	—	10
34	—	2	2	52	3	—	3
35	81	270	351	53	2	—	2
36	116	250	366	54	1	—	1
37	114	111	225	Sum	921	695	¹⁾ 1,616
38	64	14	78	Average size	{	Males:	40.45 feet
39	43	—	43			Females:	35.43 "
40	55	1	56	Total animals:		38.29 "	
41	62	—	62	Per cent	{	Males:	56.99
42	64	—	64			Females:	43.01
43	61	—	61				
44	58	—	58				

¹⁾ In addition 24 sperm-whales lost.

Table No. 8 (continued).

2. Cape Province.

Blue-whales.

1 male of 68 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
50	1	—	1	64	1	1	2
51	—	1	1	65	3	—	3
52	—	1	1	67	1	—	1
53	2	—	2	74	—	3	3
54	1	1	2	76	—	2	2
55	4	6	10	Sum	24	28	52
56	1	2	3	Average size {			Males: 58.25 feet
57	5	1	6	{			Females: 60.39 "
58	1	2	3	{			Total animals: 59.40 "
59	2	3	5	Per cent {			Males: 46.15
60	—	2	2	{			Females: 53.85
61	—	2	2				
62	1	1	2				
63	1	—	1				

Humpbacks.

35	—	1	1	Average size {			Males: 40.50 feet
37	1	—	1	{			Females: 41.80 "
38	1	1	2	{			Total animals: 41.22 "
42	1	1	2	Per cent {			Males: 44.44
45	1	1	2	{			Females: 55.56
49	—	1	1				
Sum	4	5	9				

Sei-whales.

35	1	4	5	50	3	26	29
36	3	5	8	51	1	21	22
37	3	12	15	52	2	12	14
38	5	10	15	53	1	4	5
39	3	1	4	54	—	6	6
40	7	8	15	55	—	4	4
41	8	9	17	Sum	141	242	¹⁾ 383
42	4	11	15	Average size {			Males: 45.03 feet
43	1	9	10	{			Females: 46.17 "
44	8	7	15	{			Total animals: 45.75 "
45	18	12	30	Per cent {			Males: 36.81
46	24	17	41	{			Females: 63.19
47	19	22	41				
48	18	22	40				
49	12	20	32				

¹⁾ In addition 5 sei-whales lost.

Table No. 8 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
26	1	—	1	45	9	—	9
29	1	4	5	46	11	—	11
30	3	5	8	47	2	—	2
31	5	2	7	48	4	—	4
32	1	2	3	49	4	—	4
33	13	28	41	50	4	—	4
34	22	31	53	51	2	—	2
35	121	89	210	52	3	—	3
36	123	75	198	Sum	667	263	1) 930
37	92	16	108	Average size { Males: 37.83 feet Females: 34.99 " Total animals: 37.03 " Per cent { Males: 71.72 Females: 28.28			
38	79	5	84				
39	58	5	63				
40	32	—	32				
41	16	1	17				
42	31	—	31				
43	15	—	15				
44	15	—	15				

1) In addition 11 sperm-whales lost.

Bryde-whales.

31	1	—	1	46	2	4	6
34	—	1	1	47	1	1	2
35	—	1	1	48	1	—	1
36	1	—	1	49	—	1	1
37	1	—	1	51	—	1	1
38	2	—	2	Sum	41	23	64
39	1	—	1	Average size { Males: 41.90 feet Females: 43.83 " Total animals: 42.59 " Per cent { Males: 64.06 Females: 35.94			
40	4	—	4				
41	5	1	6				
42	9	2	11				
43	5	5	10				
44	6	2	8				
45	2	4	6				

3. Summary Africa.

(Natal and Cape Province.)

Blue-whales.

Engl. feet.	Number of		Total animals.	Average size { Males: 65.83 feet Females: 73.50 " Total animals: 67.75 " Per cent { Males: 75.00 Females: 25.00
	males.	females.		
60	1	—	1	
65	1	—	1	
66	2	1	3	
68	1	—	1	
70	1	—	1	
81	—	1	1	
Sum	6	2	8	

Table No. 8 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
46	—	1	1	67	12	3	15
49	—	1	1	68	5	2	7
50	4	1	5	70	8	6	14
51	3	1	4	71	3	6	9
52	3	5	8	72	—	7	7
53	6	1	7	73	—	4	4
54	1	1	2	74	—	13	13
55	44	44	88	76	—	6	6
56	53	41	94	77	1	—	1
57	35	34	69	78	—	2	2
58	19	10	29	79	—	1	1
59	15	15	30	Sum	280	257	¹⁾ 537
60	17	19	36	Average size { Males: 58.90 feet			
61	9	8	17	{ Females: 60.45 "			
62	11	6	17	{ Total animals: 59.64 "			
63	11	7	18	Per cent { Males: 52.14			
64	6	3	9	{ Females: 47.86			
65	6	5	11				
66	8	4	12				

¹⁾ In addition 4 fin-whales lost.

Humpbacks.

35	4	1	5	46	1	—	1
36	2	5	7	47	1	—	1
37	2	3	5	49	—	1	1
38	5	2	7	Sum	22	23	¹⁾ 45
39	—	3	3	Average size { Males: 39.36 feet			
40	—	3	3	{ Females: 39.17 "			
41	2	2	4	{ Total animals: 39.27 "			
42	2	1	3	Per cent { Males: 48.89			
43	2	—	2	{ Females: 51.11			
44	—	1	1				
45	1	1	2				

¹⁾ In addition 1 humpback lost.

Sei-whales.

35	5	9	14	51	1	27	28
36	8	7	15	52	3	13	16
37	6	17	23	53	1	6	7
38	12	20	32	54	—	6	6
39	9	7	16	55	1	5	6
40	21	17	38	56	—	1	1
41	20	23	43	Sum	281	412	¹⁾ 693
42	16	30	46	Average size { Males: 44.02 feet			
43	15	24	39	{ Females: 45.19 "			
44	16	24	40	{ Total animals: 44.71 "			
45	30	25	55	Per cent { Males: 40.55			
46	41	25	66	{ Females: 59.45			
47	30	31	61				
48	25	29	54				
49	15	33	48				
50	6	33	39				

¹⁾ In addition 14 sei-whales lost.

Table No. 8 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
26	1	—	1	45	54	—	54		
27	1	—	1	46	62	—	62		
28	—	3	3	47	26	—	26		
29	1	11	12	48	27	—	27		
30	12	25	37	49	21	—	21		
31	9	11	20	50	16	—	16		
32	2	7	9	51	12	—	12		
33	13	31	44	52	6	—	6		
34	22	33	55	53	2	—	2		
35	202	359	561	54	1	—	1		
36	239	325	564	Sum	1,588	958	1) 2,546		
37	206	127	333	Average size	Males: 39.35 feet	Females: 35.31 "	Total animals: 37.83 "		
38	143	19	162					Per cent	Males: 62.37
39	101	5	106						
40	87	1	88						
41	78	1	79						
42	95	—	95						
43	76	—	76						
44	73	—	73						

1) In addition 35 sperm-whales lost.

Bryde-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
31	1	—	1	46	2	4	6		
34	—	1	1	47	1	1	2		
35	—	1	1	48	1	—	1		
36	1	—	1	49	—	1	1		
37	1	—	1	51	—	1	1		
38	2	—	2	Sum	41	23	64		
39	1	—	1	Average size	Males: 41.90 feet	Females: 43.83 "	Total animals: 42.59 "		
40	4	—	4					Per cent	Males: 64.06
41	5	1	6						
42	9	2	11						
43	5	5	10						
44	6	2	8						
45	2	4	6						

Table No. 8 (continued).

4. South Atlantic Ocean, pelagic.
Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
27	—	1	1	45	17	—	17
28	2	1	3	46	24	—	24
29	—	1	1	47	25	—	25
30	1	2	3	48	47	—	47
31	1	1	2	49	37	—	37
32	—	5	5	50	15	—	15
33	2	5	7	51	11	—	11
34	3	6	9	52	10	—	10
35	1	8	9	53	4	—	4
36	2	3	5	54	1	—	1
37	—	5	5				
38	17	9	26	Sum	308	50	358
39	21	3	24				
40	19	—	19	Average size	{ Males: 45.02 feet Females: 34.72 " Total animals: 43.58 "		
41	12	—	12	Per cent	{ Males: 86.03 Females: 13.97		
42	14	—	14				
43	10	—	10				
44	12	—	12				

5. Brazil.

Blue-whales.

1 female of 68 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
50	1	1	2	68	2	—	2
52	2	—	2	69	—	1	1
53	1	—	1	70	—	—	—
54	1	4	5	71	—	1	1
55	2	—	2	72	1	2	3
56	1	—	1	74	—	1	1
57	1	4	5	75	1	1	2
58	2	—	2				
59	2	—	2	Sum	27	22	49
60	1	2	3				
61	2	—	2	Average size	{ Males: 60.33 feet Females: 62.05 " Total animals: 61.10 "		
62	2	1	3	Per cent	{ Males: 55.10 Females: 44.90		
63	1	2	3				
64	3	1	4				
66	—	1	1				
67	1	—	1				

Humpbacks.

35	1	—	1	50	—	1	1
39	—	1	1	Sum	5	6	11
41	1	—	1				
43	1	—	1	Average size	{ Males: 42.40 feet Females: 47.00 " Total animals: 44.91 "		
45	1	—	1	Per cent	{ Males: 45.45 Females: 54.55		
46	—	1	1				
48	1	—	1				
49	—	3	3				

Table No. 8 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	11	5	16	53	20	30	50
36	4	3	7	54	20	14	34
37	2	2	4	55	12	17	29
38	5	—	5	56	8	12	20
39	7	8	15	57	—	6	6
40	2	7	9	58	—	10	10
41	4	5	9	59	—	4	4
42	4	5	9	60	—	2	2
43	4	7	11	61	—	1	1
44	7	7	14	62	—	1	1
45	4	5	9	Sum	364	246	610
46	13	2	15	Average size			{ Males: 48.78 feet
47	21	8	29				{ Females: 50.10 "
48	47	8	55				{ Total animals: 49.31 "
49	40	9	49	Per cent			{ Males: 59.67
50	53	20	73				{ Females: 40.33
51	34	16	50				
52	42	32	74				

Sperm-whales.

35	9	20	29	48	4	—	4
36	1	6	7	49	1	—	1
37	—	1	1	50	1	—	1
38	1	1	2	51	3	—	3
39	2	—	2	54	2	—	2
40	3	—	3	Sum	57	28	85
41	4	—	4	Average size			{ Males: 43.11 feet
42	7	—	7				{ Females: 35.39 "
43	3	—	3				{ Total animals: 40.56 "
44	4	—	4	Per cent			{ Males: 67.06
45	2	—	2				{ Females: 32.94
46	5	—	5				
47	5	—	5				

6. Norway.

Blue-whales.

1 female of 71 feet.

Fin-whales.

43	1	—	1	65	5	6	11
44	1	—	1	66	2	8	10
50	3	1	4	67	—	5	5
51	3	2	5	68	—	5	5
52	2	1	3	69	—	3	3
53	5	4	9	70	—	1	1
54	2	2	4	72	—	1	1
55	2	1	3	74	—	1	1
56	4	5	9	Sum	80	65	145
57	3	2	5	Average size			{ Males: 58.76 feet
58	6	2	8				{ Females: 61.88 "
59	4	1	5				{ Total animals: 60.16 "
60	11	6	17	Per cent			{ Males: 55.17
61	4	3	7				{ Females: 44.83
62	8	2	10				
63	8	1	9				
64	6	2	8				

Table No. 8 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Average size	{ Males: 45.00 feet Females: 37.50 " Total animals: 40.00 "
	males	females			
29	—	1	1	Per cent	{ Males: 33.33 feet Females: 66.67 "
45	1	—	1		
46	—	1	1		
Sum	1	2	3		

Sperm-whales.

Engl. feet.	Males.	Engl. feet.	Males.
44	5	50	12
45	6	51	4
46	12	52	1
47	11	53	3
48	19	54	3
49	15	Sum	91

Average size: Males: 48.16 feet.

7. Faroe Islands.

Fin-whales.

Engl. feet.	Number of		Total animals.	Average size	{ Males: 56.80 feet Females: 58.00 " Total animals: 57.00 "
	males.	females.			
54	1	—	1	Per cent	{ Males: 83.33 Females: 16.67
55	2	—	2		
58	—	1	1		
59	1	—	1		
61	1	—	1		
Sum	5	1	6		

Sperm-whales.

Engl. feet.	Males.	Engl. feet.	Males.
46	1	53	1
48	1	54	2
50	1	Sum	7
52	1		

Average size: Males: 51.00 feet.

Table No. 8 (continued).

8. Iceland.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
47	—	2	2	64	7	7	14
48	1	1	2	65	4	5	9
49	1	—	1	66	1	9	10
50	2	—	2	67	1	3	4
51	2	3	5	68	—	6	6
52	8	7	15	69	—	10	10
53	9	4	13	70	—	5	5
54	16	7	23	71	—	2	2
55	13	6	19	Sum	166	137	303
56	7	6	13	Average size			{ Males: 58.08 feet
57	12	9	21				{ Females: 60.72 "
58	12	6	18				{ Total animals: 59.27 "
59	16	6	22	Per cent			{ Males: 54.79
60	16	9	25				{ Females: 45.21
61	14	7	21				
62	13	7	20				
63	11	10	21				

Sei-whales.

Engl. feet.	Number of		Total animals.	Average size	Per cent	
	males.	females.				
42	2	1	3	{ Males: 44.13 feet	{ Females: 45.90 "	
43	3	3	6			{ Total animals: 45.30 "
44	5	4	9			
45	2	3	5	Per cent { Males: 34.09		
46	2	6	8		{ Females: 65.91	
47	1	7	8			
48	—	2	2			
49	—	2	2			
50	—	1	1			
Sum	15	29	44			

Sperm-whales.

Engl. feet.	Males.	Engl. feet.	Males.
41	1	51	14
42	2	52	21
43	3	53	17
44	3	54	12
45	3	55	11
46	1	56	8
47	6	57	1
48	8	58	1
49	12	Sum	136
50	12		

Average size: Males: 51.06 feet.

Table No. 8 (continued).

9. Greenland.**Humpbacks.**

1 male of 45 feet and 1 female of 33 feet.

10. Summary North Atlantic and Arctic.

(Norway, Faroe Islands, Iceland and Greenland.)

Blue-whales.

1 female of 71 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
43	1	—	1	64	13	9	22
44	1	—	1	65	9	11	20
47	—	2	2	66	3	17	20
48	1	1	2	67	1	8	9
49	1	—	1	68	—	11	11
50	5	1	6	69	—	13	13
51	5	5	10	70	—	6	6
52	10	8	18	71	—	2	2
53	14	8	22	72	—	1	1
54	19	9	28	74	—	1	1
55	17	7	24	Sum	251	203	454
56	11	11	22	Average size {			Males: 58.27 feet
57	15	11	26	{			Females: 61.08 „
58	18	9	27	{			Total animals: 59.53 „
59	21	7	28	Per cent {			Males: 55.29
60	27	15	42	{			Females: 44.71
61	19	10	29				
62	21	9	30				
63	19	11	30				

Humpbacks.

1 male of 45 feet and 1 female of 33 feet.

Sei-whales.

Engl. feet.	Number of		Total animals.	Average size {	Males: 44.19 feet	
	males.	females.				Females: 45.35 „
29	—	1	1	Per cent {	Males: 34.04	
42	2	1	3			Females: 65.96
43	3	3	6			
44	5	4	9			
45	3	3	6			
46	2	7	9			
47	1	7	8			
48	—	2	2			
49	—	2	2			
50	—	1	1			
Sum	16	31	47			

Table No. 8 (continued).

Sperm-whales.

Engl. feet.	Males.	Engl. feet.	Males.
41	1	51	18
42	2	52	23
43	3	53	21
44	8	54	17
45	9	55	11
46	14	56	8
47	17	57	1
48	28	58	1
49	27		
50	25	Sum	234

Average size: Males: 49.93 feet.

11. California.

Blue-whales.

1 female of 60 feet and 1 female of 67 feet.

Average size: Females: 66.50 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
50	3	1	4	65	4	5	9
51	3	2	5	66	1	4	5
52	3	2	5	67	—	2	2
53	4	1	5	68	1	2	3
54	5	2	7	69	1	—	1
55	2	1	3	70	—	1	1
56	3	5	8	Sum	65	58	123
57	5	1	6	Average size { Males: 58.45 feet Females: 60.53 " Total animals: 59.43 "			
58	2	2	4				
59	4	4	8	Per cent { Males: 52.85 Females: 47.15			
60	6	4	10				
61	5	5	10				
62	4	7	11				
63	9	6	15				
64	—	1	1				

Humpbacks.

35	3	3	6	50	—	1	1
36	2	1	3	52	—	1	1
38	2	1	3	Sum	21	18	39
39	1	—	1	Average size { Males: 41.10 feet Females: 43.11 " Total animals: 42.03 "			
40	1	1	2				
41	—	1	1	Per cent { Males: 53.85 Females: 46.15			
42	3	—	3				
44	3	1	4				
45	4	3	7				
46	1	2	3				
47	1	1	2				
48	—	2	2				

Table No. 8 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	
	males.	females.		
39	2	—	2	Average size { Males: 42.50 feet Females: 47.33 „ Total animals: 46.45 „
42	—	1	1	
43	—	1	1	
44	—	1	1	
45	1	1	2	
46	—	2	2	
47	1	1	2	
48	—	2	2	
49	—	7	7	
50	—	2	2	
Sum	4	18	22	Per cent { Males: 18.18 Females: 81.82

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
30	1	—	1	46	2	—	2
32	1	—	1	48	1	—	1
34	—	1	1	49	1	—	1
35	3	6	9	50	2	—	2
36	—	2	2	51	2	—	2
37	2	1	3	Sum	46	14	60
38	5	3	8	Average size { Males: 41.39 feet Females: 36.21 „ Total animals: 40.18 „			
39	4	—	4				
40	5	1	6				
41	4	—	4				
42	6	—	6				
43	2	—	2				
44	1	—	1				
45	4	—	4				
					Per cent { Males: 76.67 Females: 23.33		

12. Oregon.

Fin-whales.

1 male of 54 feet.

13. British Columbia.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Totals animals.
	males.	females.			males	females	
62	2	1	3	78	—	1	1
66	1	—	1	79	—	3	3
67	1	—	1	81	—	2	2
68	1	1	2	82	—	1	1
69	—	2	2	Sum	10	17	27
71	—	2	2	Average size { Males: 70.40 feet Females: 74.41 „ Total animals: 72.93 „			
72	—	1	1				
74	1	1	2				
75	1	2	3				
76	1	—	1				
77	2	—	2				
					Per cent { Males: 37.04 Females: 62.96		

Table No. 8 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals
	males.	females.			males.	females.	
46	1	1	2	62	2	3	5
48	1	1	2	63	2	1	3
49	3	1	4	64	1	8	9
50	5	3	8	65	2	5	7
51	2	7	9	66	-	3	3
52	5	2	7	67	-	2	2
53	3	7	10	68	-	1	1
54	5	3	8				
55	5	3	8	Sum	67	90	157
56	6	9	15				
57	8	10	18	Average size	{ Males: 55.78 feet Females: 57.73 " Total animals: 56.90 "		
58	8	6	14	Per cent	{ Males: 42.68 Females: 57.32		
59	1	7	8				
60	6	4	10				
61	1	3	4				

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
34	2	-	2	47	1	-	1
36	-	2	2	48	-	1	1
37	-	1	1	Sum	7	9	16
38	-	1	1				
40	1	1	2	Average size	{ Males: 40.71 feet Females: 40.78 " Total animals: 40.75 "		
42	-	1	1	Per cent	{ Males: 43.75 Females: 56.25		
43	2	-	2				
44	1	1	2				
46	-	1	1				

Sei-whales.

31	1	-	1	48	6	11	17
35	2	1	3	49	2	17	19
36	-	2	2	50	1	6	7
37	1	-	1	51	-	4	4
38	11	4	15	Sum	213	127	340
39	4	4	8				
40	4	4	8	Average size	{ Males: 43.92 feet Females: 45.42 " Total animals: 44.48 "		
41	5	4	9	Per cent	{ Males: 62.65 Females: 37.35		
42	13	4	17				
43	29	6	35				
44	43	14	57				
45	39	11	50				
46	41	18	59				
47	11	17	28				

Table No. 8 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
30	—	1	1	45	4	—	4
31	1	—	1	46	2	—	2
32	—	6	6	47	9	—	9
33	1	8	9	49	1	—	1
34	—	8	8	50	8	—	8
35	5	21	26	51	4	—	4
36	5	11	16				
37	11	4	15	Sum	108	64	172
38	11	4	15				
39	9	—	9	Average size	Males: 41.61 feet		
40	10	—	10		Females: 34.84 "		
41	6	1	7		Total animals: 39.09 "		
42	7	—	7	Per cent	Males: 62.79		
43	5	—	5		Females: 37.21		
44	9	—	9				

14. 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.	
70	3	—	3	84	—	2	2
73	2	1	3	86	—	2	2
75	4	—	4	Sum	25	23	48
76	4	—	4				
77	2	1	3	Average size	Males: 76.16 feet		
78	6	5	11		Females: 80.30 "		
79	2	4	6		Total animals: 78.15 "		
80	—	2	2	Per cent	Males: 52.08		
81	1	2	3		Females: 47.92		
82	—	3	3				
83	1	1	2				

Fin-whales.

51	1	1	2	68	—	30	30
53	—	1	1	69	—	19	19
55	25	20	45	70	—	8	8
56	26	18	44	71	—	5	5
57	39	14	53	72	—	2	2
58	51	28	79	73	—	1	1
59	73	27	100	Sum	620	546	1,166
60	99	28	127				
61	87	39	126	Average size	Males: 60.44 feet		
62	86	51	137		Females: 63.08 "		
63	51	46	97		Total animals: 61.08 "		
64	39	43	82	Per cent	Males: 53.17		
65	24	66	90		Females: 46.83		
66	17	61	78				
67	2	38	40				

Table No. 8 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	
	males.	females.		
35	1	—	1	Average size { Males: 40.73 feet Females: 45 17 „ Total animals: 42.29 „
39	3	—	3	
40	1	—	1	
42	4	1	5	
43	1	—	1	
44	—	2	2	
45	1	—	1	
46	—	2	2	
49	—	1	1	
Sum	11	6	17	Per cent { Males: 64.71 Females: 35.29

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
40	4	2	6	51	2	9	11
41	7	1	8	52	1	6	7
42	2	1	3	53	—	6	6
43	9	3	12	Sum	155	105	260
44	8	7	15	Average size { Males: 46.11 feet Females: 48.01 „ Total animals: 46.88 „			
45	16	4	20				
46	38	12	50				
47	26	16	42				
48	29	9	38				
49	9	14	23				
50	4	15	19				
					Per cent { Males: 59.62 Females: 40.38		

Sperm-whales.

33	—	1	1	50	240	—	240
36	1	—	1	51	182	—	182
37	1	—	1	52	123	—	123
38	27	2	29	53	21	—	21
39	59	—	59	54	6	—	6
40	115	—	115	55	1	—	1
41	132	—	132	56	2	—	2
42	146	—	146	Sum	2,546	3	2,549
43	174	—	174	Average size { Males: 46.32 feet Females: 36.33 „ Total animals: 46.31 „			
44	174	—	174				
45	173	—	173				
46	185	—	185				
47	264	—	264				
48	220	—	220				
49	300	—	300				
					Per cent { Males: 99.88 Females: 0.12		

Right-whales.

46	—	1	1	Average size { Males: 50.50 feet Females: 46.00 „ Total animals: 49.00 „
48	1	—	1	
53	1	—	1	
Sum	2	1	3	Per cent { Males: 66.67 Females: 33.33

1) Taken under special permit.

Table No. 8 (continued).

15. Kamtchatka, pelagic.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
66	1	—	1	79	—	1	1
67	1	—	1	80	1	1	2
70	2	1	3	Sum	9	10	19
73	1	—	1	Average size {	Males: 72.44 feet		
74	—	1	1		Females: 75.90 „		
75	2	3	5		Total animals: 74.26 „		
76	1	—	1		Per cent {	Males: 47.37	
77	—	3	3			Females: 52.63	

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
55	35	30	65	69	4	4	8
56	30	26	56	70	1	3	4
57	25	29	54	71	3	—	3
58	19	19	38	72	—	2	2
59	21	15	36	73	1	—	1
60	17	12	29	Sum	223	214	1) 437
61	13	15	28	Average size {	Males: 59.42 feet		
62	18	10	28		Females: 59.79 „		
63	19	16	35		Total animals: 59.60 „		
64	3	11	14		Per cent {	Males: 51.03	
65	7	10	17			Females: 48.97	
66	1	7	8				
67	—	1	1				
68	6	4	10				

1) In addition 1 fin-whale lost.

Humpbacks.

35	48	48	96	47	7	17	24
36	36	18	54	48	6	4	10
37	40	27	67	49	—	3	3
38	39	38	77	Sum	626	587	1,213
39	44	33	77	Average size {	Males: 40.39 feet		
40	86	62	148		Females: 41.11 „		
41	97	72	169		Total animals: 40.74 „		
42	96	85	181		Per cent {	Males: 51.61	
43	65	66	131			Females: 48.39	
44	26	53	79				
45	29	40	69				
46	7	21	28				

Table No. 8 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
38	1	—	1	51	1	3	4
39	—	3	3	52	1	1	2
40	26	26	52	54	—	1	1
41	29	25	54	55	1	1	2
42	44	38	82	Sum	160	143	303
43	19	20	39	Average size			{ Males: 42.29 feet
44	11	5	16				{ Females: 42.38 "
45	9	4	13				{ Total animals: 42.33 "
46	12	3	15	Per cent			{ Males: 52.81
47	—	1	1				{ Females: 47.19
48	4	10	14				
49	2	1	3				
50	—	1	1				

Sperm-whales.

35	1	—	1	50	34	—	34
36	1	1	2	51	18	—	18
37	5	6	11	52	11	—	11
38	157	55	212	53	3	—	3
39	140	96	236	54	2	—	2
40	212	155	367	58	1	—	1
41	206	26	232	Sum	1,593	358	¹⁾ 1,951
42	171	12	183	Average size			{ Males: 42.41 feet
43	242	2	244				{ Females: 39.59 "
44	112	1	113				{ Total animals: 41.89 "
45	80	3	83	Per cent			{ Males: 81.65
46	70	—	70				{ Females: 18.35
47	45	1	46				
48	39	—	39				
49	43	—	43				

¹⁾ In addition 4 sperm-whales lost.

16. Kuril Islands.

Blue-whales.

Engl. feet.	Number of		Total animals.	Average size	Per cent
	males.	females.			
67	1	—	1	{ Males: 74.13 feet	
70	1	1	2	{ Females: 73.00 "	
72	1	—	1	{ Total animals: 73.82 "	
74	—	1	1	{ Males: 72.73	
75	1	1	2	{ Females: 27.27	
76	1	—	1		
77	1	—	1		
78	2	—	2		
Sum	8	3	11		

Table No. 8 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
54	—	1	1	68	1	—	1
55	8	5	13	69	1	1	2
56	8	—	8	72	2	1	3
57	5	—	5	74	—	1	1
58	5	1	6	Sum	54	21	1) 75
59	2	1	3	Average size { Males: 60.22 feet Females: 61.81 " Total animals: 60.67 " Per cent { Males: 72.00 Females: 28.00			
60	4	1	5				
61	3	2	5				
62	5	—	5				
63	1	1	2				
64	2	3	5				
66	3	1	4				
67	4	2	6				

1) In addition 2 fin-whales lost.

Humpbacks.

1 male of 35 feet and 1 male of 40 feet.

Average size: Males: 37.50 feet.

Sci-whales.

39	—	1	1	52	3	3	6
40	1	1	2	55	1	—	1
41	3	1	4	56	1	—	1
43	4	1	5	Sum	48	31	79
44	7	5	12	Average size { Males: 46.71 feet Females: 46.65 " Total animals: 46.68 " Per cent { Males: 60.76 Females: 39.24			
45	6	3	9				
46	5	3	8				
47	4	2	6				
48	4	6	10				
49	2	—	2				
50	3	3	6				
51	4	2	6				

Sperm-whales.

29	—	1	1	46	14	1	15
30	2	1	3	47	6	1	7
31	2	1	3	48	13	—	13
32	7	6	13	49	3	—	3
33	3	3	6	50	3	—	3
34	2	2	4	51	5	—	5
35	310	128	438	52	3	—	3
36	231	60	291	53	4	—	4
37	114	15	129	55	2	—	2
38	92	17	109	Sum	1,048	261	1) 1,309
39	79	7	86	Average size { Males: 37.67 feet Females: 36.05 " Total animals: 37.35 " Per cent { Males: 80.06 Females: 19.94			
40	25	2	27				
41	46	4	50				
42	27	8	35				
43	24	3	27				
44	25	1	26				
45	6	—	6				

1) In addition 38 sperm-whales lost.

Table No. 8 (continued).

17. Japan.

Blue-whales.

Engl. feet.	Number of		Total animals.	Average size	Per cent
	males.	females.			
65	2	—	2	Males: 67.25 feet Females: 76.00 „ Total animals: 69.00 „	Males: 80.00 Females: 20.00
68	1	—	1		
71	1	—	1		
76	—	1	1		
Sum	4	1	5		

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
51	1	3	4	64	—	3	3
52	1	3	4	65	—	1	1
53	—	6	6	68	1	—	1
54	1	4	5	Sum	13	26	39
56	1	1	2	Average size { Males: 58.77 feet Females: 56.23 „ Total animals: 57.08 „	Per cent { Males: 33.33 Females: 66.67		
58	2	—	2				
59	1	1	2				
60	1	—	1				
61	1	2	3				
62	2	1	3				
63	1	1	2				

Humpbacks.

1 male of 47 feet.

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
31	—	1	1	48	9	30	39
35	34	44	78	49	4	17	21
36	46	41	87	50	3	9	12
37	31	27	58	51	3	6	9
38	41	27	68	52	—	2	2
39	43	32	75	Sum	598	631	1,229
40	50	40	90	Average size { Males: 41.30 feet Females: 42.01 „ Total animals: 41.67 „	Per cent { Males: 48.66 Females: 51.34		
41	57	61	118				
42	66	55	121				
43	56	68	124				
44	41	63	104				
45	50	45	95				
46	38	37	75				
47	26	26	52				

Table No. 8 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
29	—	2	2	46	11	—	11
31	2	4	6	47	12	—	12
32	2	8	10	48	11	—	11
33	1	10	11	49	19	—	19
34	—	3	3	50	9	—	9
35	110	508	618	51	4	—	4
36	81	355	436	52	2	—	2
37	114	121	235	54	1	—	1
38	74	31	105				
39	60	21	81	Sum	614	1,071	1,685
40	28	4	32				
41	20	2	22	Average size	{ Males: 38.87 feet Females: 35.70 " Total animals: 36.85 "		
42	14	2	16	Per cent	{ Males: 36.44 Females: 63.56		
43	20	—	20				
44	10	—	10				
45	9	—	9				

18. Ryukyu Islands.

Humpbacks.

35	4	3	7				
36	2	3	5				
37	—	1	1				
39	2	—	2	Average size	{ Males: 37.73 feet Females: 39.38 " Total animals: 38.63 "		
40	—	1	1	Per cent	{ Males: 45.83 Females: 54.17		
41	2	1	3				
43	1	1	2				
44	—	1	1				
45	—	1	1				
49	—	1	1				
Sum	11	13	24				

19. Summary Pacific North.

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

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
62	2	1	3	79	2	8	10
65	2	—	2	80	1	3	4
66	2	1	3	81	1	4	5
67	3	1	4	82	—	4	4
68	2	1	3	83	1	1	2
69	—	2	2	84	—	2	2
70	6	2	8	86	—	2	2
71	1	2	3	Sum	56	56	112
72	1	1	2				
73	3	1	4	Average size	{ Males: 73.61 feet Females: 76.77 " Total animals: 75.19 "		
74	1	3	4	Per cent	{ Males: 50.00 Females: 50.00		
75	8	6	14				
76	7	1	8				
77	5	4	9				
78	8	6	14				

Table No. 8 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
46	1	1	2	65	37	87	124
48	1	1	2	66	22	76	98
49	3	1	4	67	6	45	51
50	8	4	12	68	9	37	46
51	7	13	20	69	6	24	30
52	9	7	16	70	1	12	13
53	7	15	22	71	3	5	8
54	12	10	22	72	2	5	7
55	75	59	134	73	1	1	2
56	74	59	133	74	-	1	1
57	82	54	136	Sum	1,043	955	1) 1,998
58	87	56	143	Average size	{	Males:	59.76 feet
59	102	55	157			Females:	61.47 "
60	133	49	182			Total animals:	60.58 "
61	110	66	176			Per cent	{
62	117	72	189	Females:	47.80		
63	83	71	154				
64	45	69	114				

1) In addition 3 fin-whales lost.

Humpbacks.

34	2	-	2	47	10	18	28
35	57	54	111	48	6	7	13
36	40	24	64	49	-	5	5
37	40	29	69	50	-	1	1
38	41	40	81	52	-	1	1
39	50	33	83	Sum	679	633	1,312
40	90	65	155	Average size	{	Males:	40.37 feet
41	99	74	173			Females:	41.16 "
42	103	87	190			Total animals:	40.75 "
43	69	67	136			Per cent	{
44	30	58	88	Females:	48.25		
45	34	44	78				
46	8	26	34				

Sei-whales.

31	1	1	2	50	11	36	47
35	36	45	81	51	10	24	34
36	46	43	89	52	5	12	17
37	32	27	59	53	-	6	6
38	53	31	84	54	-	1	1
39	49	40	89	55	2	1	3
40	85	73	158	56	1	-	1
41	101	92	193	Sum	1,178	1,055	2,233
42	125	99	224	Average size	{	Males:	42.81 feet
43	117	99	216			Females:	43.35 "
44	110	95	205			Total animals:	43.07 "
45	121	68	189			Per cent	{
46	134	75	209	Females:	47.25		
47	68	63	131				
48	52	68	120				
49	19	56	75				

Table No. 8 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
29	—	3	3	48	284	—	284
30	3	2	5	49	367	—	367
31	6	5	11	50	296	—	296
32	9	20	29	51	215	—	215
33	5	22	27	52	139	—	139
34	2	14	16	53	28	—	28
35	429	663	1,092	54	9	—	9
36	319	429	748	55	3	—	3
37	247	147	394	56	2	—	2
38	366	112	478	58	1	—	1
39	351	124	475	Sum	5,955	1,771	¹⁾ 7,726
40	395	162	557	Average size { Males: 42.86 feet			
41	414	33	447	{ Females: 36.51 „			
42	371	22	393	{ Total animals: 41.40 „			
43	467	5	472	Per cent { Males: 77.08			
44	331	2	333	{ Females: 22.92			
45	276	3	279				
46	284	1	285				
47	336	2	338				

¹⁾ In addition 42 sperm-whales lost.

Right-whales.

46	—	1	1	Average size { Males: 50.50 feet	
48	1	—	1		{ Females: 46.00 „
53	1	—	1		{ Total animals: 49.00 „
Sum	2	1	3	Per cent { Males: 66.67	
				{ Females: 33.33	

20. Chile.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
61	1	—	1	Average size { Males: 65.50 feet			
64	2	1	3		{ Females: 68.14 „		
65	—	1	1		{ Total animals: 67.18 „		
67	—	2	2	Per cent { Males: 57.14			
70	—	2	2		{ Females: 42.86		
73	1	—	1				
74	—	1	1				
Sum	4	7	11				

Table No. 8 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
38	1	—	1	61	—	3	3
40	1	2	3	62	1	—	1
42	3	1	4	65	1	—	1
43	1	—	1	66	1	—	1
46	1	2	3	67	—	1	1
47	1	—	1	Sum	23	11	34
48	2	—	2	Average size { Males: 52.13 feet			
49	1	—	1	{ Females: 52.55 "			
55	1	1	2	{ Total animals: 52.26 "			
56	1	—	1	Per cent { Males: 67.65			
57	2	—	2	{ Females: 32.35			
58	1	—	1				
59	2	1	3				
60	2	—	2				

Humpbacks.

Engl. feet.	Number of		Total animals.	Average size { Males: 36.33 feet
	males.	females.		
33	1	—	1	Per cent { Males: 75.00
37	1	—	1	
39	1	1	2	
Sum	3	1	4	

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
27	—	1	1	Average size { Males: 31.75 feet	Females: 35.20 "	Total animals: 37.88 "	
28	1	—	1				
30	1	1	2				
33	1	—	1				
34	—	1	1	Per cent { Males: 44.44	Females: 55.56		
35	—	1	1				
36	1	—	1				
50	—	1	1				
Sum	4	5	9				

Table No. 8 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
23	1	—	1	44	20	—	20
24	3	3	6	45	17	—	17
25	1	1	2	46	28	—	28
26	8	5	13	47	31	—	31
27	11	21	32	48	12	—	12
28	25	32	57	49	22	—	22
29	14	48	62	50	6	—	6
30	47	145	192	51	6	—	6
31	56	166	222	52	4	—	4
32	70	241	311	53	2	—	2
33	73	128	201	54	3	—	3
34	137	187	324	55	2	—	2
35	89	91	180	56	1	—	1
36	96	35	131				
37	88	17	105	Sum	1,145	1,132	¹⁾ 2,277
38	71	8	79				
39	56	3	59	Average size	{	Males: 36.87 feet	
40	37	1	38		{	Females: 32.16 "	
41	31	—	31		{	Total animals: 34.53 "	
42	32	—	32	Per cent	{	Males: 50.29	
43	45	—	45		{	Females: 49.71	

¹⁾ In addition 3 sperm-whales with size and sex not stated.

21. Australia.

Blue-whales.

Engl. feet.	Number of males.
58	1
64	1
68	1
75	1
Sum	4

Average size: Males: 66.25 feet.

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
30	1	—	1	44	1	13	14
31	1	—	1	45	1	9	10
32	2	—	2	46	—	4	4
33	2	4	6	47	—	2	2
34	1	7	8	49	—	1	1
35	43	22	65	50	—	1	1
36	60	31	91	Sum	407	313	720
37	93	48	141				
38	64	51	115	Average size	{	Males: 37.82 feet	
39	55	31	86		{	Females: 38.94 "	
40	37	32	69		{	Total animals: 38.30 "	
41	26	29	55	Per cent	{	Males: 56.53	
42	12	18	30		{	Females: 43.47	
43	8	10	18				

Table No. 8 (continued).

Sei-whales.

1 female of 40 feet and 1 female of 41 feet.

Average size: Females: 40.50 feet.

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
31	1	—	1	48	35	—	35
32	—	1	1	49	19	—	19
33	1	—	1	50	33	—	33
35	7	5	12	51	14	—	14
36	17	4	21	52	2	—	2
37	11	1	12	53	1	—	1
38	22	2	24	54	1	—	1
39	27	—	27	Sum	578	14	592
40	33	—	33	Average size	Males: 43.73 feet		
41	40	1	41		Females: 36.07 "		
42	49	—	49		Total animals: 43.55 "		
43	63	—	63	Per cent	Males: 97.64		
44	61	—	61		Females: 2.36		
45	56	—	56				
46	53	—	53				
47	32	—	32				

Bryde-whales.

1 male of 36 feet and 1 male of 42 feet.

Average size: Males: 39.00 feet.

22. New Zealand.**Humpbacks.**

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
34	1	—	1	46	1	—	1
35	1	1	2	47	—	1	1
36	4	2	6	Sum	22	10	32
37	2	—	2	Average size	Males: 39.09 feet		
38	4	1	5		Females: 39.00 "		
39	2	3	5		Total animals: 39.06 "		
40	—	1	1	Per cent	Males: 68.75		
41	2	1	3		Females: 31.25		
42	1	—	1				
43	3	—	3				
44	1	—	1				

Sperm-whales.

1 male of 39 feet, 1 male of 40 feet and 1 male of 50 feet.

Average size: Males: 43.00 feet.

Table No 8 (continued).

23. Indian Ocean, pelagic.
Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
28	—	1	1	46	6	—	6		
29	—	5	5	47	2	—	2		
30	1	6	7	48	3	—	3		
31	—	4	4	49	2	—	2		
32	2	6	8	50	2	—	2		
33	—	3	3	51	2	—	2		
34	—	1	1	52	1	—	1		
35	—	—	—	53	1	—	1		
36	1	—	1	54	1	—	1		
38	49	76	125	Sum	162	209	371		
39	33	71	104	Average size {	Males:	40.55 feet	}		
40	19	12	31		Females:	37.94 "			
41	17	18	35		Total animals:	39.08 "			
42	7	5	12		Per cent {	Males:		43.67	}
43	8	1	9			Females:		56.33	
44	3	—	3						
45	2	—	2						

24. South Pacific Ocean, pelagic.
Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
35	1	—	1	49	2	—	2		
38	7	31	38	50	5	—	5		
39	8	49	57	51	1	—	1		
40	5	16	21	52	1	—	1		
41	11	1	12	53	1	—	1		
42	3	—	3	Sum	60	104	164		
43	4	4	8	Average size {	Males:	42.82 feet	}		
44	5	—	5		Females:	39.21 "			
45	1	2	3		Total animals:	40.53 "			
46	—	1	1		Per cent {	Males:		36.59	}
47	2	—	2			Females:		63.41	
48	3	—	3						

**Table No. 9.—Average production of oil per “blue-whale unit”
in the summer season 1962.**

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	315.6	27,516	87.2
Cape Province	„ 1	105.1	7,728	73.5
Total		420.7	35,244	83.8
<i>Brazil.</i>				
	No. 1	83.0	6,777	81.7
	„ 2	48.5	4,369	90.1
Total		131.5	11,146	84.8
<i>North Atlantic and Arctic: —</i>				
Spain	No. 1	²⁾ —	³⁾ (245)	—
	2	²⁾ —	³⁾ (513)	—
Norway	„ 1	30.0	2,155	71.8
	2	38.0	2,415	63.6
	3	6.0	410	68.3
Faroe Islands	„ 1	3.0	100	33.3
Iceland	„ 1	158.8	12,283	77.3
Total		235.8	17,363	73.6
<i>Pacific North:—</i>				
California	No. 1	46.0	3,339	72.6
	2	36.7	2,195	59.8
Oregon	„ 1	0.5	6	12.0
British Columbia	„ 1	168.6	11,536	68.4
Bering Sea, pelagic	„ 1	227.0	20,706	91.2
	2	227.1	20,471	90.1
	3	228.6	20,467	89.5
Kamtchatka, pelagic	„ 1	773.2	45,649	59.0
Kuril Islands	„ 1	62.5	3,909	62.5
Japan	„ 1	68.6	4,304	62.7
	2	59.2	2,900	49.0
	3	31.2	1,543	49.5
	4	39.0	1,504	38.6
	5	30.8	1,735	56.3
Ryukyu Islands	„ 1	7.6	344	45.3
	2	2.0	108	54.0
Total		2,008.6	140,716	70.1
<i>Chile</i>				
	No. 1	8.2	465	56.7
	2	22.9	1,300	56.8
Total		31.1	1,765	56.8
<i>Australia</i>				
	No. 1	42.3	3,780	89.4
	2	16.0	1,859	116.2
	3	27.2	2,780	102.2
	4	205.5	22,400	109.0
	5	1.6	79	49.4
Total		292.6	30,898	105.6
<i>New Zealand</i>				
	No. 1	3.2	378	118.1
	2	9.6	1,064	110.8
Total		12.8	1,442	112.7

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. 10.—Average production of oil per sperm-whale
in the summer season 1962.**

Geographical areas.	Company.	Number of sperm-whales.	Oil production.	
			Total.	Average per sperm-whale.
			Barrels. ¹⁾	Barrels. ¹⁾
<i>Africa:—</i>				
Natal	No. 1	1,616	40,293	24.9
Cape Province	„ 1	930	21,246	22.8
Total		2,546	61,539	24.2
<i>South Atlantic Ocean, pelagic....</i>				
	No. 1	110	4,840	44.0
	„ 2	89	3,597	40.4
	„ 3	45	1,680	37.3
	„ 4	39	610	15.6
	„ 5	49	1,583	32.3
	„ 6	26	1,014	30.0
Total		358	13,324	37.2
<i>Brazil</i>				
	No. 1	81	2,181	26.9
	„ 2	4	119	29.8
Total		85	2,300	27.1
<i>North Atlantic and Arctic:—</i>				
Azores	No. 1	341	10,809	31.7
Madeira	„ 1	171	3,971	23.2
Spain	„ 1	59	1,298	22.0
	„ 2	108	2,384	22.1
Norway	„ 1	34	1,925	56.6
	„ 2	57	2,115	37.1
Faroe Islands	„ 1	7	366	52.3
Iceland	„ 1	136	8,074	59.4
Total		913	30,942	33.9
<i>Pacific North:—</i>				
California	No. 1	34	1,081	31.8
	„ 2	26	366	14.1
British Columbia	„ 1	172	4,615	26.8
Bering Sea, pelagic	„ 1	850	40,823	48.0
	„ 2	849	39,017	46.0
	„ 3	850	42,765	50.3
Kamtchatka, pelagic	„ 1	1,007	35,985	35.7
	„ 2	944	34,549	36.6
Kuril Islands	„ 1	1,309	24,661	18.8
Japan	„ 1	504	10,312	20.5
	„ 2	433	7,811	18.0
	„ 3	185	3,079	16.6
	„ 4	362	7,422	20.5
	„ 5	201	3,799	18.9
Total		7,726	256,285	33.2
<i>Indian Ocean, pelagic</i>				
	No. 1	66	1,170	17.7
	„ 2	5	244	48.8
	„ 3	118	2,288	19.4
	„ 4	31	571	18.4
	„ 5	148	3,400	23.0
	„ 6	3	128	42.7
Total		371	7,801	21.0

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

Table No. 10 (continued).

Geographical areas.	Company.	Number of sperm-whales.	Oil production	
			Total	Average per sperm-whale.
<i>South Pacific Ocean, pelagic</i>	No. 1	164	4,053	24.7
<i>Peru</i>	No. 1	} 3,301	67,189	20.4
	" 2			
	" 3			
<i>Chile</i>	No. 1	2,031	30,560	15.0
	" 2	249	6,800	27.3
Total		2,280	37,360	16.4
<i>Australia</i>	No. 1	565	23,195	41.1
	" 2	27	960	35.6
Total		592	24,155	40.8
<i>New Zealand</i>	No. 1	3	96	32.0

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

Table No. 11.—Whale foetuses measured in the summer season 1962.
Blue-whale foetuses.

Geographical areas.	Date when measured.	Length.		Sex.	Geographical areas.	Date when measured.	Length.		Sex.
		Mother.	Foetus.				Mother.	Foetus.	
		Engl. ft.	Engl. ft.				Engl. ft.	Engl. ft.	
Norway	21/6	71	11' 0"	F	North Pacific Ocean and Bering Sea (cont.).	18/6	78	10' 0"	F
						3/7	82	8' 9"	F
California	13/9	67	13' 0"	F		6/7	77	5' 8"	F
						7/7	81	5' 2"	F
British Columbia	17/9	75	10' 7"	F		10/7	84	7' 7"	M
						11/7	78	13' 0"	M
North Pacific Ocean and Bering Sea	3/6	73	6' 11"	F		14/7	84	8' 0"	M
	5/6	79	6' 3"	M					
	5/6	78	5' 1"	M					
Average length of foetuses: 7' 0"	6/6	80	5' 1"	F					
	14/6	79	6' 2"	F					
	16/6	78	3' 4"	F					

Fin-whale foetuses.

Natal	20/7	70	0' 4"	M	California	28/5	65	1' 8"	F	
Average length of foetuses: 3' 2"	23/7	76	0' 3 $\frac{1}{2}$ "	M		28/5	61	3' 4"	F	
	5/8	78	0' 3 $\frac{3}{4}$ "	?		7/6	62	4' 3"	F	
	24/8	68	0' 10 $\frac{1}{2}$ "	F		19/6	65	1' 6"	F	
	6/9	70	16' 6 $\frac{1}{2}$ "	M		8/7	63	7' 3"	F	
	"	74	0' 10 $\frac{3}{4}$ "	F		} 10' 7"	10/7	62	5' 0"	F
							"	66	7' 0"	M
Cape Province	4/7	76	0' 2"	M?			19/7	63	6' 0"	F
Average length of foetuses: 0' 1 $\frac{1}{2}$ "	"	74	0' 1 $\frac{1}{4}$ "	M?			5/8	68	5' 6"	F
	28/8	74	0' 1 $\frac{1}{4}$ "	?			8/8	67	9' 6"	M
					18/9		63	4' 6"	F	
Norway	19/6	66	6' 0"	M	British Columbia		25/4	64	2' 2"	M
Average length of foetuses: 7' 8"	29/9	68	13' 7"	?						
	1/7	65	6' 0"	F						
	22/7	74	5' 0"	M						
Faroe Islands	20/6	58	3' 0"	M		North Pacific Ocean and Bering Sea	1/6	67	3' 1"	F
							2/6	66	3' 7"	F
							"	61	4' 7"	M
							"	67	4' 9"	M
							3/6	62	5' 3"	M
							"	65	7' 2"	M
					4/6		69	3' 2"	M	
					"		62	4' 3"	M	
					"		62	3' 7"	F	
					"		66	4' 2"	M	
Iceland	15/6	62	4' 0"	F	Average length of foetuses: 6' 11"	5/6	65	4' 11"	F	
Average length of foetuses: 6' 5"	23/6	60	2' 0"	F		"	66	1' 6"	F	
	25/6	63	8' 0"	M		"	63	5' 4"	F	
	27/6	62	4' 0"	F		6/6	65	5' 7"	M	
	30/6	66	3' 0"	F		7/6	66	3' 1"	F	
	"	65	7' 0"	M		"	64	2' 4"	F	
	"	65	7' 0"	M		"	68	4' 11"	M	
	1/7	64	4' 0"	M		"	65	5' 10"	F	
	6/7	70	3' 0"	M		"	61	6' 1"	M	
	"	64	9' 0"	M		8/6	63	4' 10"	F	
	8/7	64	8' 0"	M	"	64	4' 4"	M		
	16/7	63	2' 0"	F	"	66	2' 0"	M		
	24/7	64	8' 0"	M	9/6	67	6' 7"	F		
	29/7	69	4' 0"	F	"	65	5' 7"	F		
	1/8	65	10' 0"	M	"	64	1' 9"	F		
	10/8	70	11' 0"	M	"	63	4' 9"	F		
	12/8	61	5' 0"	M						
	"	68	9' 0"	M						
	5/9	69	15' 0"	F						
	7/9	61	6' 0"	F						
	11/9	70	3' 6"	F						
	21/9	66	8' 0"	?						
	"	66	7' 0"	F						

Table No. 11 (continued).

Geographical areas.	Date when measured.	Length.		Sex.	Geographical areas.	Date when measured.	Length.		Sex.
		Mother.	Foetus.				Mother.	Foetus.	
		Engl. ft.	Engl. ft.				Engl. ft.	Engl. ft.	
<i>North Pacific Ocean and Bering Sea</i> (cont.).	9/6	65	4' 5"	M	<i>North Pacific Ocean and Bering Sea</i> (cont.).	21/6	66	7' 7"	M
	"	68	5' 8"	M		"	68	9' 10"	F
	"	59	5' 11"	M		22/6	62	4' 5"	F
	10/6	67	4' 11"	F		"	67	3' 7"	F
	"	62	2' 9"	F		"	62	5' 10"	M
	"	64	5' 9"	M		"	66	5' 9"	F
	"	65	5' 0"	M		"	67	9' 0"	M
	"	66	3' 9"	F		"	64	4' 11"	F
	"	60	3' 1"	M		23/6	65	0' 11"	M
	11/6	71	4' 9"	F		"	66	9' 1"	F
	"	64	4' 1"	M		"	66	5' 4"	M
	"	67	7' 11"	F		"	67	5' 9"	F
	"	67	3' 9"	F		"	65	4' 4"	F
	"	64	2' 10"	M		25/6	64	3' 1"	M
	"	65	6' 5"	M		"	69	6' 10"	F
	"	61	5' 1"	F		"	66	7' 6"	M
	12/6	67	4' 3"	F		"	73	7' 5"	M
	"	66	5' 11"	F		"	68	8' 2"	M
	"	62	2' 8"	M		"	64	7' 7"	M
	"	66	1' 2"	M		"	68	6' 3"	F
	"	65	4' 2"	F		"	62	2' 11"	M
	"	64	4' 8"	F		26/6	69	6' 3"	F
	"	61	4' 0"	M		"	57	4' 1"	F
	"	66	6' 1"	M		27/6	64	5' 9"	M
	13/6	70	4' 3"	M		28/6	66	7' 3"	M
	"	66	3' 1"	F		"	62	3' 6"	M
	"	66	6' 7"	M		"	69	5' 5"	M
	"	62	7' 7"	M		29/6	64	6' 7"	F
	"	66	6' 0"	M		"	67	3' 0"	M
	"	68	2' 5"	F		"	69	7' 3"	F
	"	64	4' 7"	F		"	68	4' 10"	F
	14/6	65	4' 1"	M		"	68	3' 3"	F
	"	68	2' 7"	M		30/6	66	3' 3"	F
	"	67	5' 7"	M		"	66	5' 11"	F
	"	66	4' 11"	F		1/7	66	8' 4"	F
	"	69	2' 5"	F		2/7	69	5' 0"	F
	"	69	6' 9"	F		3/7	70	7' 7"	F
	"	66	3' 5"	F		4/7	62	4' 6"	M
	"	65	2' 11"	F		"	62	4' 7"	M
	15/6	65	5' 0"	M		"	67	7' 3"	F
	"	66	3' 10"	M		5/7	69	5' 0"	F
	"	70	4' 11"	F		6/7	67	4' 8"	F
	16/6	69	8' 5"	M		7/7	65	7' 3"	F
	"	67	3' 0"	F		"	66	8' 0"	F
	"	71	8' 4"	M		"	67	3' 7"	M
	17/6	63	5' 4"	F		"	69	4' 10"	F
	"	"	5' 1"	M		8/7	66	7' 9"	M
"	65	4' 11"	F	"	60	8' 3"	F		
"	62	4' 5"	F	"	71	6' 6"	M		
18/6	62	0' 9"	F	9/7	65	6' 9"	F		
"	62	4' 5"	F	"	63	7' 9"	F		
"	68	8' 4"	M	"	62	4' 3"	M		
19/6	67	7' 5"	F	"	58	3' 9"	M		
"	65	8' 0"	F	"	69	3' 1"	M		
"	63	5' 5"	F	"	65	8' 10"	F		
"	63	9' 11"	F	"	64	5' 3"	F		
"	68	7' 6"	F	"	61	4' 3"	M		
21/6	66	4' 0"	F	10/7	67	7' 3"	F		

Table No. 11 (continued).

Geographical areas.	Date when measured.	Length		Sex.	Geographical areas.	Date when measured.	Length		Sex.	
		Mother.	Foetus.				Mother.	Foetus.		
		Engl. ft.	Engl. ft.				Engl. ft.	Engl. ft.		
<i>North Pacific Ocean and Bering Sea</i> (cont.).	10/7	66	10' 7"	M	<i>North Pacific Ocean and Bering Sea</i> (cont.).	26/7	64	6' 5"	F	
	"	72	8' 4"	M		"	67	10' 9"	M	
	"	62	8' 8"	F		"	58	8' 1"	F	
	11/7	66	4' 9"	M		"	66	8' 10"	F	
	12/7	64	6' 5"	F		"	64	3' 7"	F	
	"	61	4' 4"	F		"	27/7	64	9' 4"	F
	14/7	68	3' 10"	?		"	62	8' 0"	F	
	"	58	5' 11"	M		"	57	4' 5"	F	
	15/7	63	4' 0"	M		"	28/7	62	5' 9"	M
	17/7	63	8' 2"	F		"	62	3' 0"	F	
	"	68	6' 6"	M		"	58	6' 11"	M	
	"	64	5' 2"	F		"	29/7	63	6' 5"	F
	"	68	5' 1"	F		"	59	6' 1"	M	
	18/7	66	8' 6"	M		"	63	2' 7"	F	
	"	63	5' 4"	M		"	30/7	63	5' 5"	M
	"	65	7' 8"	M		"	68	6' 3"	F	
	"	61	4' 2"	M		"	31/7	67	13' 10"	M
	"	66	7' 10"	M		"	59	1' 10"	F	
	20/7	62	7' 11"	M		"	64	11' 3"	F	
	21/7	65	10' 0"	M		"	63	5' 5"	M	
	"	63	1' 0"	F		"	63	9' 8"	M	
	"	66	5' 1"	M		"	62	9' 5"	M	
	"	62	4' 1"	M		"	66	8' 7"	F	
	"	61	8' 4"	M		"	67	8' 2"	M	
	22/7	60	8' 0"	M		"	63	9' 4"	F	
	"	68	3' 7"	F		"	1/8	68	10' 4"	M
	"	68	7' 9"	M		"	68	11' 1"	M	
	"	64	3' 2"	M		"	68	10' 3"	M	
	"	63	7' 0"	F		"	65	6' 10"	F	
	"	64	2' 4"	M		"	66	6' 7"	M	
	"	67	7' 6"	M		"	66	7' 7"	M	
	"	65	9' 7"	F		"	61	6' 9"	F	
	"	62	3' 11"	F		"	2/8	69	10' 7"	F
	"	68	5' 7"	F		"	65	5' 3"	M	
	23/7	64	8' 4"	F		"	8/8	67	9' 8"	M
	"	63	10' 4"	M		"	61	2' 4"	M	
	"	61	7' 5"	M		"	63	9' 9"	F	
	"	62	11' 1"	F		"	62	8' 10"	F	
	24/7	66	9' 1"	F		"	65	7' 4"	M	
	"	62	9' 0"	F		"	64	8' 7"	F	
	"	64	4' 2"	M		"	61	8' 4"	F	
	"	63	6' 9"	F		"	4/8	62	7' 3"	F
	"	63	3' 0"	M		"	62	10' 11"	F	
	"	67	10' 10"	F		"	65	9' 9"	M	
	"	60	4' 6"	M		"	5/8	66	7' 1"	F
	25/7	60	7' 8"	F		"	66	11' 7"	M	
	"	63	5' 10"	M		"	61	3' 5"	M	
"	67	3' 2"	M	"	64	3' 1"	F			
"	65	9' 9"	F	"	10/8	58	7' 2"	M		
"	65	9' 5"	F							

Table No. 11 (continued).

Humpback foetuses.

Geographical areas.	Date when measured.	Length.		Sex.	Geographical areas.	Date when measured.	Length.		Sex.		
		Mother.	Foetus.				Mother.	Foetus.			
<i>Cape Province</i> Average length of foetuses: 7' 7"	10/7	49	2' 0"	M	<i>Kamitchatka</i> Average length of foetuses: 4' 4"	24/9	42	3' 3"	M		
	17/8	45	13' 2"	M				6' 7"	M		
								3' 8"	M		
<i>California</i>	7/5	38	0' 9"	M	<i>Australia</i> Average length of foetuses: 14' 2"	23/8	40	13' 0"	M		
	13/9	46	7' 7 $\frac{1}{2}$ "	F				8/7	41	12' 6"	F
<i>North Pacific Ocean and Bering Sea.</i> Average length of foetuses: 2' 11"	2/6	49	1' 6"	M				9/7	46	15' 0"	F
	4/8	46	4' 3"	F				21/7	44	15' 1"	M
	"	42	3' 1"	M				24/7	40	11' 11"	M
								3/8	39	14' 0"	?
						31/8	49	17' 9"	F		

Sei-whale foetuses.

<i>Natal</i> Average length of foetuses: 1' 0"	18/5	44	6' 0"	M	<i>Cape Province</i> (cont.).	17/8	51	0' 5"	?
	3/7	47	0' 3 $\frac{1}{2}$ "	?		"	47	0' 4 $\frac{1}{4}$ "	?
	13/7	49	0' 1"	?		18/8	47	0' 2 $\frac{1}{4}$ "	?
	14/8	47	2' 6"	M		28/8	51	1' 3"	M
	"	50	0' 6"	M		"	52	0' 11 $\frac{1}{4}$ "	F
	"	49	0' 5"	M		"	47	0' 1 $\frac{1}{4}$ "	?
	15/8	49	0' 9"	F		29/8	49	1' 3 $\frac{1}{2}$ "	M
	16/8	44	0' 3 $\frac{3}{8}$ "	?		"	51	0' 6"	F
	"	50	0' 2"	?		"	51	1' 1 $\frac{1}{2}$ "	M
	"	47	0' 3 $\frac{1}{4}$ "	?		"	55	1' 2 $\frac{1}{2}$ "	M
	22/8	50	0' 3 $\frac{3}{4}$ "	?		1/9	50	1' 3 $\frac{1}{2}$ "	F
	23/8	53	1' 6"	F		"	51	1' 3 $\frac{1}{2}$ "	M
	2/9	50	1' 0"	M		"	50	0' 9 $\frac{1}{2}$ "	F
	3/9	51	1' 0"	M		"	51	1' 0"	F
	"	49	0' 10 $\frac{1}{2}$ "	F		"	49	0' 2"	?
<i>Cape Province</i> Average length of foetuses: 1' 2"	7/6	52	14' 0"	M	"	49	0' 9 $\frac{3}{4}$ "	F	
	4/7	50	12' 4"	M	"	51	0' 7 $\frac{3}{4}$ "	M	
	27/7	52	0' 4 $\frac{1}{2}$ "	M	2/9	52	0' 10 $\frac{1}{2}$ "	M	
	30/7	47	0' 3 $\frac{1}{2}$ "	?	"	51	1' 3 $\frac{1}{2}$ "	M	
	5/8	49	0' 2 $\frac{3}{4}$ "	?	"	46	0' 8"	M	
	"	53	0' 2"	?	"	51	0' 6"	M	
	6/8	46	0' 3 $\frac{1}{2}$ "	?	"	55	1' 4"	M	
	"	51	0' 3 $\frac{1}{2}$ "	?	"	48	0' 6 $\frac{1}{2}$ "	F	
	"	50	0' 10"	F	"	50	1' 3 $\frac{3}{8}$ "	M	
	7/8	50	0' 6"	M	3/9	49	0' 5"	M	
	"	53	0' 1 $\frac{1}{4}$ "	?	6/9	54	1' 3 $\frac{3}{4}$ "	F	
	8/8	49	0' 6 $\frac{3}{4}$ "	M	7/9	50	0' 2"	?	
	"	47	0' 2 $\frac{1}{4}$ "	?	"	52	0' 9"	F	
	"	45	0' 1 $\frac{1}{4}$ "	?	"	52	0' 9 $\frac{1}{2}$ "	F	
	13/8	48	0' 10"	M	"	54	1' 4 $\frac{1}{2}$ "	F	
	16/8	50	3' 6"	?	"	45	0' 1 $\frac{1}{2}$ "	?	
	"	47	0' 1 $\frac{1}{4}$ "	?	13/9	50	0' 10 $\frac{1}{2}$ "	F	
"	46	0' 4"	?	16/9	50	0' 7 $\frac{1}{2}$ "	M		
"	49	0' 2"	?	"	52	0' 5"	F		
"	54	0' 6 $\frac{3}{8}$ "	M	17/9	48	1' 0"	F		
"	44	0' 4 $\frac{1}{2}$ "	?	"	47	0' 10 $\frac{1}{2}$ "	M		
17/8	47	0' 9 $\frac{1}{2}$ "	M	"	47	0' 2"	?		
				18/9	50	1' 1 $\frac{1}{2}$ "	M		

Table No. 11 (continued).

Geographical areas.	Date when measured.	Length.		Sex.	Geographical areas.	Date when measured.	Length.		Sex.	
		Mother.	Foetus.				Mother.	Foetus.		
		Engl. ft.	Engl. ft.				Engl. ft.	Engl. ft.		
<i>Cape Province</i> (cont.).	18/9	51	0' 11 $\frac{1}{2}$ "	?	<i>British Columbia</i>	5/6	49	3' 7"	M	
	"	52	0' 8 $\frac{1}{2}$ "	M		Average length	11/6	35	2' 11"	M
	"	49	0' 2 $\frac{1}{4}$ "	F		of foetuses:	21/6	47	4' 2"	M
	"	50	1' 6"	F		3' 7"				
	"	46	0' 5 $\frac{5}{16}$ "	?						
	"	48	0' 4"	M	<i>North Pacific</i>	1/6	48	3' 3"	F	
	"	48	1' 6"	F		<i>Ocean and</i>	2/6	45	3' 5"	M
	19/9	50	1' 3 $\frac{3}{4}$ "	M		<i>Bering Sea</i>	3/5	49	6' 4"	M
	"	48	0' 3 $\frac{3}{4}$ "	?		Average length	4/6	51	5' 6"	M
	24/9	49	1' 3"	M		of foetuses:	5/6	49	5' 6"	M
	26/9	54	0' 1 $\frac{1}{8}$ "	?	5' 8"	"	48	4' 7"	M	
	29/9	46	0' 1 $\frac{5}{8}$ "	?	"	"	51	4' 2"	M	
	30/9	52	0' 1 $\frac{3}{8}$ "	?	"	"	47	4' 3"	M	
	"	45	1' 4"	F	"	"	52	3' 10"	M	
	"	47	0' 7 $\frac{1}{4}$ "	M	"	"	49	0' 1"	?	
	"	53	1' 9 $\frac{1}{4}$ "	M	"	"	43	5' 1"	M	
	"	47	1' 1 $\frac{1}{2}$ "	F	6/6	49	5' 11"	F		
	"	47	1' 5"	F	17/6	50	6' 7"	M		
	2/10	48	1' 2"	F	"	47	4' 1"	F		
	"	47	0' 10 $\frac{1}{4}$ "	M	18/6	47	2' 11"	M		
	"	49	0' 7"	F	24/6	48	6' 7"	M		
	3/10	49	1' 9 $\frac{1}{4}$ "	M	25/6	49	6' 9"	M		
	4/10	48	0' 11 $\frac{1}{4}$ "	M	"	47	6' 0"	M		
	5/10	48	1' 3 $\frac{3}{8}$ "	F	"	50	7' 1"	F		
	"	48	1' 10 $\frac{1}{4}$ "	F	"	46	4' 5"	M		
	5/10	49	1' 5"	F	27/6	53	3' 6"	M		
	"	46	1' 8 $\frac{1}{2}$ "	F	30/6	50	5' 10"	F		
	6/10	50	1' 1 $\frac{1}{2}$ "	M	1/7	46	2' 11"	F		
	"	52	0' 10"	?	"	50	3' 10"	F		
	"	54	2' 0"	M	"	50	5' 9"	M		
	"	50	1' 3"	M	"	52	4' 11"	M		
	7/10	44	0' 5 $\frac{3}{8}$ "	F	2/7	45	5' 3"	M		
	"	52	2' 5"	M	3/7	49	7' 10"	M		
	"	50	1' 8"	M	"	49	6' 7"	F		
	"	50	1' 9"	F	"	47	2' 9"	F		
	15/10	48	1' 1 $\frac{3}{4}$ "	F	"	50	5' 4"	F		
	"	46	1' 6"	M	"	48	5' 1"	M		
	16/10	52	2' 6"	M	"	51	6' 8"	M		
	"	46	1' 4"	M	7/7	53	8' 0"	F		
	"	51	2' 2"	M	8/7	48	6' 7"	F		
"	49	2' 2"	F	"	51	3' 5"	M			
17/10	49	2' 4"	F	"	50	7' 7"	M			
20/10	51	2' 5"	F	"	47	7' 10"	M			
23/10	47	1' 6 $\frac{1}{2}$ "	M	10/7	48	7' 9"	M			
				"	50	6' 9"	F			
<i>Brasil</i>	20/8	56	0' 2"	M	11/7	47	6' 9"	M		
					18/7	50	2' 11"	F		
<i>Iceland</i>	4/8	46	9' 0"	M	"	50	8' 1"	F		
Average length	25/8	47	10' 0"	M	14/7	44	6' 10"	M		
of foetuses:	27/8	46	9' 0"	F	"	47	7' 7"	M		
9' 0"	5/9	47	8' 0"	M	"	46	4' 10"	M		
					"	51	3' 3"	F		
<i>California</i>	30/7	49	4' 2"	F	"	50	2' 4"	M		
Average length	6/9	44	7' 1"	F	"	53	8' 0"	M		
of foetuses:	17/9	49	8' 6"	F	"	53	5' 8"	F		
7' 5"	19/9	42	12' 0"	F	"	44	5' 9"	M		
	26/9	46	5' 6"	M	15/7	48	6' 8"	F		

Table No. 11 (cont.).

Geographical areas.	Date when measured.	Length.		Sex	Geographical areas.	Date when measured.	Length		Sex.		
		Mother.	Foetus.				Mother.	Foetus.			
<i>North Pacific Ocean and Bering Sea (cont.).</i>	15/7	47	6' 4"	M	<i>North Pacific Ocean and Bering Sea (cont.).</i>	15/7	49	7' 10"	F		
	"	49	6' 10"	M		"	51	8' 1"	F		
	"	45	6' 3"	M		<i>Japan Average length of foetuses: 6' 1"</i>	11/5	46	0' 11"	M	
	"	46	7' 8"	F			27/5	51	2' 4"	M	
	"	49	4' 10"	M			16/6	42	5' 11"	F	
	"	47	7' 5"	M			28/7	45	6' 11"	F	
	"	48	6' 4"	F			3/9	48	11' 10"	F	
	"	47	7' 11"	M			20/9	46	8' 6"	F	
	"	47	7' 5"	F							
	"	47	6' 8"	M							

Sperm-whale foetuses.

<i>Natal Average length of foetuses: 4' 6"</i>	14/3	36	11' 0"	M	<i>Natal (cont.).</i>	11/4	36	4' 6"	M
	"	36	8' 0"	F		"	35	3' 0"	F
	"	35	12' 0"	F		13/4	35	5' 0"	F
	"	35	12' 0"	F		15/4	36	4' 0"	F
	15/3	35	1' 6"	M		"	36	7' 0"	F
	"	35	14' 0"	M		16/4	35	6' 0"	M
	16/3	36	2' 0"	M		"	36	7' 6"	F
	"	35	3' 0"	F		"	35	2' 0"	F
	17/3	35	4' 0"	M		"	35	7' 0"	F
	20/3	36	2' 6"	M		21/4	36	4' 6"	M
	"	35	2' 0"	M		"	35	5' 0"	F
	"	31	3' 0"	F		29/4	35	11' 0"	F
	21/3	35	1' 0"	M		1/5	36	1' 6"	M
	22/3	36	1' 6"	M		"	36	1' 6"	M
	"	32	2' 0"	F		4/5	36	7' 0"	F
	"	35	0' 9"	M		5/5	35	4' 6"	F
	"	32	1' 0"	F		7/5	36	7' 0"	M
	27/3	36	3' 0"	F		"	35	5' 0"	F
	30/3	29	14' 0"	M		11/5	35	4' 0"	F
	31/3	35	2' 6"	F		"	36	6' 0"	F
	"	36	2' 6"	F		"	35	3' 6"	M
	1/4	35	2' 6"	F		12/5	35	4' 6"	M
	"	36	3' 0"	F		"	36	6' 0"	F
	"	36	1' 6"	M		17/5	35	2' 0"	F
	"	37	2' 0"	M		"	35	5' 0"	F
	"	36	0' 5"	F		"	35	3' 0"	M
	"	35	1' 6"	M		"	35	4' 0"	F
	"	35	3' 6"	M		18/5	35	1' 4"	M
	"	35	3' 0"	F		"	35	1' 6"	M
	2/4	35	2' 6"	M		"	37	6' 0"	F
	"	36	2' 0"	F		"	35	4' 0"	M
	4/4	35	1' 6"	F		19/5	35	4' 0"	F
	"	36	3' 6"	F		"	35	2' 6"	F
	"	32	2' 0"	M		"	36	13' 6"	F
	6/4	30	1' 6"	F		"	35	4' 6"	M
	"	35	4' 0"	F		20/5	35	4' 6"	M
	"	35	2' 0"	M		"	35	6' 0"	F
	7/4	35	14' 0"	M		21/5	36	4' 0"	F
	"	36	18' 0"	F		"	35	4' 0"	F
	"	30	3' 0"	F		"	35	3' 6"	F
"	30	2' 6"	F	"	35	4' 0"	M		
8/4	36	2' 0"	F	"	35	5' 0"	F		
"	35	3' 0"	M	"	36	4' 0"	F		

Table No. 11 (continued).

Geographical areas.	Date when measured.	Length		Sex.	Geographical areas.	Date when measured.	Length.		Sex.
		Mother	Foetus.				Mother.	Foetus.	
<i>Natal</i> (cont.).	23/5	35	3' 6"	F	<i>Cape Province</i> (cont.).	20/5	35	3' 8"	F
	"	35	5' 0"	F		"	36	3' 10"	M
	"	35	4' 0"	F		24/5	35	7' 0"	F
	"	36	6' 0"	M		"	35	6' 6"	F
	26/5	36	7' 0"	F		"	36	6' 6"	?
	28/5	35	7' 0"	M		1/6	35	4' 6"	F
	"	36	8' 0"	F		"	34	4' 6"	M
	30/5	35	6' 6"	F		"	36	4' 0"	F
	"	35	4' 0"	M		29/7	33	5' 1"	M
	"	36	5' 6"	F		"	35	4' 6"	F
	31/5	35	2' 0"	F		31/7	33	8' 0"	F
	"	35	4' 0"	M		"	33	5' 9"	M
	"	35	2' 0"	F		24/8	35	7' 2"	M
	5/6	35	2' 6"	F		"	33	7' 8"	M
	11/6	36	3' 0"	F		25/8	33	7' 0"	M
	20/6	35	4' 0"	M		"	33	5' 0"	F
	24/6	37	4' 6"	M		14/9	35	10' 6"	M
	"	36	6' 0"	M		26/9	33	7' 7"	F
	29/6	37	5' 6"	M		27/9	33	8' 8"	F
						"	34	9' 0"	F
<i>Cape Province</i> Average length of foetuses: 5' 2"	13/3	36	14' 0"	F	26/10	32	8' 7 1/2"	M	
	"	35	12' 6"	?	"	36	7' 4 1/2"	M	
	15/3	36	0' 10"	M	3/11	34	9' 4"	M	
	"	36	1' 8"	M	"	34	8' 6 1/2"	F	
	"	35	1' 5"	F	"	33	10' 11"	F	
	"	34	2' 6"	M					
	"	36	1' 10"	F	<i>South Atlantic</i> <i>Ocean</i> Average length of foetuses: 10' 0"	18/11	28	7' 0"	F
	22/3	36	1' 7"	F		"	27	8' 0"	F
	"	35	2' 8"	F		"	27	10' 0"	F
	"	36	1' 3"	M		20/11	38	10' 6"	F
	28/3	35	11' 6"	F		"	38	11' 0"	M
	4/4	36	0' 8"	M		"	38	14' 0"	M
	"	35	2' 10"	F		"	35	10' 0"	F
	"	37	3' 6"	F		"	38	10' 0"	F
	"	36	2' 10"	M		28/11	36	9' 10"	F
	"	35	2' 9"	F					
	"	35	3' 3"	M	<i>Indian Ocean</i> Average length of foetuses: 7' 6"	26/10	38	7' 0"	F
	17/4	34	3' 7"	M		"	33	8' 0"	M
	"	36	2' 10"	M					
	"	35	4' 2"	M					
26/4	36	5' 3"	M						
"	36	4' 6"	F						
"	36	3' 2"	F	<i>California</i> Average length of foetuses: 8' 6"		14/4	38	9' 3"	F
"	35	13' 6"	M			"	35	7' 8"	M
17/5	33	3' 6"	M						
"	35	3' 10"	F						
"	36	6' 6"	M						
"	35	4' 0"	M						
18/5	38	3' 8"	M		<i>British Columbia</i> Average length of foetuses: 8' 5"	25/4	32	7' 4"	F
"	38	3' 6"	F			5/5	36	8' 5"	F
"	38	3' 9"	M			"	35	9' 6"	F
"	35	4' 6"	F			"	36	8' 2"	M
"	29	4' 6"	F	10/5		33	8' 6"	M	
20/5	36	3' 1"	F	"		34	12' 6"	F	
"	35	2' 6"	F	"		32	8' 7"	M	
"	35	3' 0"	M	17/5		37	8' 9"	M	
"	35	0' 10"	M	20/5		35	10' 7"	F	
"	36	3' 3"	M	"		36	9' 8"	M	
"	36	3' 3"	M	"	35	8' 6"	M		

Table No. 11 (continued).

Geographical areas.	Date when measured.	Length.		Sex.	Geographical areas.	Date when measured.	Length.		Sex.
		Mother.	Foetus.				Mother.	Foetus.	
<i>British Columbia</i> cont.).	20/5	38	8' 10"	?	<i>Japan</i> (cont.).	3/10	36	6' 3"	F
			6' 0"	?		"	35	6' 7"	F
	22/5	38	4' 10"	?		6/10	36	6' 7"	M
			10' 0"	M		"	35	2' 7"	F
			8' 6"	M		"	36	3' 11"	F
23/5	35	8' 6"	M	"		35	2' 7"	M	
23/5	32	5' 7"	?	"		36	3' 3"	F	
<i>North Pacific Ocean and Bering Sea</i>	29/5	38	13' 9"	M		7/10	37	5' 11"	F
	3/8	40	1' 2"	M		14/10	37	4' 11"	F
	"	38	1' 1"	F		"	35	2' 6"	M
	"	40	0' 8"	M	16/10	35	5' 11"	M	
	"	38	12' 11"	F	"	36	3' 3"	F	
Average length of foetuses: 5' 11"	"	38	12' 11"	F	"	37	1' 8"	M	
<i>Kamchatka</i>	5/6	38	5' 3"	M	18/10	36	4' 11"	F	
	"	45	5' 11"	M	"	35	3' 11"	M	
	19/6	40	7' 3"	F	"	35	4' 11"	F	
	"	36	3' 11"	M	"	35	7' 1"	M	
	29/8	38	5' 11"	M	21/10	36	5' 3"	F	
Average length of foetuses: 5' 7"	1/7	40	5' 11"	M	"	36	3' 3"	M	
	3/7	40	4' 11"	M	"	37	6' 3"	M	
	"	36	2' 7"	F	24/10	36	2' 7"	F	
	"	35	2' 11"	F	"	35	2' 11"	F	
	"	36	5' 11"	F	"	36	5' 11"	F	
<i>Kuril Islands</i>	1/6	36	5' 11"	F	26/10	36	3' 11"	M	
	20/7	36	7' 11"	F	"	37	1' 8"	F	
	27/7	36	10' 6"	M	"	37	5' 3"	M	
	6/8	36	8' 2"	M	"	35	3' 11"	F	
	"	36	8' 2"	M	29/10	35	6' 11"	M	
<i>Japan</i>	11/8	35	1' 3"	M	"	37	1' 8"	F	
	"	35	1' 8"	M	30/10	36	4' 11"	F	
	18/8	36	12' 2"	M	10/11	36	2' 11"	M	
	"	35	1' 8"	M	12/11	36	3' 7"	M	
	"	35	1' 8"	F	"	36	3' 7"	M	
Average length of foetuses: 4' 0"	26/8	36	2' 4"	M	<i>Chile</i> Average length of foetuses: 7' 6"	7/1	35	9' 2"	F
	29/8	35	10' 10"	M		"	32	14' 1"	F
	30/8	35	2' 0"	F		9/1	34	1' 8"	F
	"	36	2' 9"	M		12/1	34	11' 0"	M
	31/8	38	1' 10"	M		"	38	13' 9"	F
"	35	2' 6"	M	16/1		36	1' 8"	F	
"	35	2' 0"	M	17/1		32	2' 11"	M	
1/9	36	2' 7"	M	19/1		32	3' 3"	M	
5/9	36	2' 6"	M	22/1		31	11' 10"	M	
"	35	2' 11"	M	3/2		32	9' 10"	M	
6/9	36	0' 7"	M	"	33	10' 6"	M		
8/9	35	2' 7"	M	"	33	11' 2"	F		
"	35	14' 1"	M	10/2	34	9' 10"	M		
"	35	1' 10"	F	11/2	31	0' 9"	M		
"	35	2' 4"	F	16/2	28	4' 1"	M		
12/9	33	0' 2"	M	17/2	32	4' 7"	F		
"	36	2' 2"	F	27/2	32	10' 10"	F		
"	36	15' 7"	F	4/3	36	3' 4"	M		
13/9	38	4' 6"	F	13/3	34	1' 0"	M		
17/9	36	2' 2"	M	16/3	32	10' 10"	F		
20/9	38	4' 9"	F	18/3	32	1' 10"	M		
26/9	35	2' 11"	M	21/3	33	3' 7"	F		
27/9	35	2' 7"	F	23/3	30	2' 7"	M		
28/9	35	2' 8"	F	25/3	33	5' 3"	M		
1/10	35	3' 11"	F	"	32	2' 0"	F		
"	37	0' 8"	F	"	32	2' 0"	M		

Table No. 11 (continued).

Geographical areas.	Date when measured.	Length.		Sex.	Geographical areas.	Date when measured.	Length.		Sex.	
		Mother.	Foetus.				Mother.	Foetus.		
<i>Chile</i> (cont.).	$\frac{25}{3}$	33	2' 11"	F	<i>Chile</i> (cont.).	$\frac{6}{10}$	34	13' 1"	M	
	"	32	3' 3"	F		$\frac{9}{10}$	34	10' 6"	M	
	$\frac{26}{3}$	30	3' 7"	F		"	36	10' 6"	M	
	$\frac{27}{3}$	32	4' 3"	M		$\frac{7}{11}$	35	11' 10"	F	
	"	32	5' 7"	M		"	33	4' 11"	F	
	"	31	3' 3"	F		$\frac{10}{11}$	35	11' 2"	M	
	"	32	3' 11"	F		$\frac{17}{11}$	34	1' 11"	M	
	$\frac{29}{3}$	32	4' 1"	F		"	32	9' 2"	M	
	"	34	4' 11"	F		"	30	8' 6"	M	
	$\frac{14}{4}$	30	6' 3"	F		$\frac{14}{12}$	31	13' 9"	F	
	$\frac{23}{4}$	31	3' 3"	M		"	32	13' 1"	M	
	"	29	4' 11"	M		$\frac{16}{12}$	34	9' 2"	M	
	$\frac{24}{4}$	30	4' 5"	F		$\frac{19}{12}$	34	13' 2"	M	
	"	35	4' 1"	F						
	$\frac{25}{4}$	30	5' 10"	F		<i>Indian Ocean</i> Average length of foetuses: 8' 2"	$\frac{26}{10}$	38	7' 0"	F
	$\frac{28}{4}$	34	3' 11"	F			"	33	8' 0"	M
	$\frac{12}{5}$	30	3' 3"	F			$\frac{14}{11}$	39	5' 7"	M
	"	34	7' 6"	F			"	39	8' 2"	M
	"	32	7' 1"	M			"	38	4' 11"	M
	$\frac{29}{5}$	31	9' 10"	F			"	39	4' 11"	M
	$\frac{31}{5}$	39	7' 6"	F			"	39	8' 10"	M
	"	36	12' 6"	M			"	38	9' 2"	F
	"	32	9' 10"	M			$\frac{15}{11}$	38	9' 11"	F
	$\frac{13}{6}$	36	6' 7"	M			"	38	4' 3"	M
	$\frac{19}{6}$	31	6' 7"	F			$\frac{16}{11}$	42	7' 1"	M
	$\frac{22}{6}$	35	9' 10"	M			"	41	9' 4"	M
	$\frac{23}{6}$	35	10' 6"	M		$\frac{17}{11}$	41	8' 0"	F	
	$\frac{24}{6}$	34	8' 6"	F		"	39	10' 8"	M	
	"	34	8' 6"	M		"	39	8' 6"	F	
	"	34	10' 4"	F		"	39	8' 2"	F	
	"	33	7' 7"	F		"	39	6' 7"	M	
	"	31	7' 3"	F		"	38	9' 2"	F	
	"	35	3' 11"	M		$\frac{18}{11}$	39	9' 6"	F	
	$\frac{25}{6}$	32	6' 7"	F		$\frac{20}{11}$	39	10' 2"	F	
	$\frac{26}{6}$	33	6' 3"	M		"	40	7' 10"	F	
	$\frac{29}{6}$	33	9' 6"	M		"	38	8' 10"	F	
	"	36	11' 2"	M		"	38	7' 10"	M	
	$\frac{30}{6}$	34	11' 6"	M		"	38	11' 6"	F	
	"	35	9' 10"	F		"	38	7' 10"	F	
	$\frac{6}{7}$	32	9' 10"	F		"	39	11' 6"	M	
	"	34	8' 6"	M		$\frac{26}{11}$	39	9' 0"	M	
	"	34	6' 7"	F		"	39	6' 1"	F	
$\frac{7}{7}$	34	7' 6"	F	"	38	9' 5"	F			
$\frac{12}{7}$	32	7' 6"	M							
$\frac{16}{7}$	35	9' 10"	F	<i>South Pacific</i> <i>Ocean</i> Average length of foetuses: 9' 1"	$\frac{21}{10}$	43	10' 10"	F		
$\frac{17}{7}$	32	9' 6"	M		"	39	8' 6"	M		
$\frac{26}{7}$	35	6' 3"	F		"	38	7' 5"	F		
$\frac{27}{7}$	32	9' 6"	F		$\frac{22}{10}$	39	7' 9"	M		
"	30	5' 7"	M		"	40	13' 1"	M		
"	32	7' 6"	F		"	41	7' 5"	M		
"	33	7' 6"	F		"	39	13' 11"	M		
"	34	13' 9"	M		"	39	13' 1"	M		
$\frac{31}{7}$	34	8' 6"	M		"	39	8' 6"	M		
"	34	9' 10"	M		"	38	9' 2"	M		
"	32	10' 6"	F		"	38	6' 10"	M		
$\frac{8}{8}$	36	5' 10"	M		$\frac{24}{10}$	39	11' 10"	M		
"	36	11' 1"	M	"	38	11' 6"	M			
"	32	8' 6"	F	"	39	13' 8"	M			

Table No. 11 (continued).

Geographical areas	Date when measured.	Length.		Sex.	Geographical areas	Date when measured.	Length		Sex.
		Mother.	Foetus.				Mother.	Foetus.	
<i>South Pacific Ocean</i> (cont.).	24/10	38	10' 0"	M	<i>South Pacific Ocean</i> (cont.).	28/10	38	7' 10"	M
	"	39	10' 9"	F		"	39	12' 11"	F
	28/10	38	10' 5"	M		"	38	0' 4"	M
	"	40	0' 10"	F		"	39	12' 7"	M
	"	39	10' 3"	F		"	39	13' 6"	M
	"	39	1' 0"	F		"	39	6' 6"	M
	"	39	12' 3"	F		"	38	0' 9"	M

Bryde-whale foetuses.

<i>Cape Province</i> Average length of foetuses: 5' 11"	13/7	43	3' 0"	M
	23/7	42	11' 5"	M
	"	43	2' 10"	F
	11/9	45	8' 6½"	M
	1/11	42	2' 7½"	F
	"	49	7' 1"	F

