

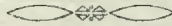
DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL
WHALING STATISTICS

XXXVII

EDITED BY

THE COMMITTEE FOR WHALING STATISTICS



OSLO 1957

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PREFACE

The present publication, International Whaling Statistics No. XXXVII comprises the whaling operations during the Antarctic season 1954–55 and on grounds outside the Antarctic in the calendar year 1955.

Statistical data relating to the size and sex of the whales killed has not been received from the following grounds and companies: *Azores, Madeira, "José Lopez Gutierrez S.A.", Algeciras, Spain, "Industrial Ballenera de Corcubion", Canelinas, Spain, "Cia. Chilena de Pesca y Comercio de Mc. Hnos", Chile, and the Peruvian companies in Peru.*

With these exceptions the statistics, to the best knowledge of the Committee, include all whaling operations carried on in 1955.

When preparing the introductory tables of this publication the following corrections have been made:

The Committee has been informed that "*Den kgl. grønlandske Handel*" has built a shore station in Touqussaq in the Davis Strait in 1950. In earlier years the whales were brought in to the nearest harbour, where the inhabitants flensed and lemmed the animals. We have therefore included 1 shore station in the tables as from 1950.

Further, the Committee has received particulars for 1953 and 1954 from the Peruvian companies, and the statistics have been revised accordingly.

The Japanese catch with floating factories in the Bering sea was in earlier publications listed under Kamtchatka. In the present publication this catch is listed under Bering Sea, while the Russian catch with one floating factory is, as usual registered under Kamtchatka.

Oslo, November 1956.

Gunnar Jahn.

Birger Bergersen.

Einar Vangstein.

INTRODUCTION

The present publication comprises the world aggregate whaling results in 1955, i.e. the catch in the Antarctic during the season 1954-55 and the catch on grounds outside the Antarctic in the calendar year 1955. Detailed information about the whaling activity in the Antarctic during the season 1954-55 has been given in International Whaling Statistics No. XXXVI. The present volume gives specifications of the operations on grounds outside the Antarctic in 1955.

Two Norwegian floating factories killed altogether 39 sperm-whales in the Southern Atlantic on their way to the Antarctic in the autumn 1955.

The Japanese company "*Kyokuyo Hogeï Co. Ltd.*", which, among its other activities, carries on pelagic whaling in the Northern Pacific, exchanged in 1955 its floating factory "*Baikal Maru*" for the larger factory ship "*Kyokuyo Maru*".

"*Arctic Fishery Products Ltd.*", *Trinity Bay, Newfoundland*, has been engaged in whaling since 1948, but the results are included in the statistics only in years when large whales are killed. The company catches considerable quantities of small whales, such as Minke-whales and pilot-whales (potheads). In 1955, however, it also caught 2 fin-whales.

The following companies, operating in 1954, did not resume whaling in 1955:

"*Industrial Maritima, S.A.*", Spanish Morocco,

"*A/S Norsk Hvalfangst*", Norway, and

"*Olympic Whaling Company, S.A.*", Panama, using factory ship "*Olympic Challenger*" off Peru.

On the other hand, the company "*Soc. Industrial de Produtos da Pesca Ltda.*", Santa Catarina, Brazil, resumed whaling in 1955.

In 1955 whaling was carried on from the following grounds outside the Antarctic:

Africa: Natal, South Atlantic.

Brazil: Paraiba, Santa Catarina.

North Atlantic and Arctic: Azores, Madeira, Spain, Norway, Faroe Islands, Iceland, West Greenland, Newfoundland.

Pacific North: British Columbia, Bering Sea, Kamtchatka, Kuril Islands, Japan.

Other grounds: Peru, Chile, Australia, New Zealand.

These are the same grounds of operation as in 1954 with the exception of South Atlantic, Santa Catarina and Spanish Morocco.

Table *a*, page 11, shows that whaling outside the Antarctic in 1955 was carried on from 47 shore stations, the same number as in the previous

season. The number of floating factories and catchers employed was, however, reduced to 3 and 134 respectively—from 4 and 141 in 1954. During the season 1951, when the whaling outside the Antarctic reached its maximum in post-war years, the whaling matériel in operation was 51 shore stations, 7 floating factories and 210 catchers.

In the survey below is recorded the number of whales killed on grounds outside the Antarctic during the period 1937/38–1954/55. Figures for the Antarctic whaling are also included in order to give the total world whaling 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	43,431	31,318	28,696	2,622	12,113	4,885	7,228
1948–49	44,002	31,435	27,357	4,078	12,567	7,629	4,938
1949–50	45,060	32,396	29,669	2,727	12,664	7,205	5,459
1950–51	55,795	33,997	29,029	4,968	21,798	8,502	13,296
1951–52	49,832	35,237	29,752	5,485	14,595	8,523	6,072
1952–53	45,009	30,653	28,321	2,332	14,356	7,111	7,245
1953–54	53,642	34,872	31,993	2,879	18,770	8,106	10,664
1954–55	55,075	37,654	31,864	5,790	17,421	7,618	9,803

The aggregate number of whales killed on all grounds during the season 1954–55 amounted to 55,075, i.e. 1,433 whales more than during the preceding season. This increase was entirely due to the large sperm-whale catch in the Antarctic, which in 1954–55 increased by nearly 3,000 animals and reached a maximum figure of 5,790.

On the whaling grounds outside the Antarctic the total catch in 1955 decreased by 1,349 whales, and this decrease referred to baleen- as well as sperm-whales. The baleen whale catch in 1955, however, maintained the level of the preceding seasons as far back as to 1949. During these 7 seasons the number of baleen whales killed varied between 7,100 and 8,500. The decrease in the sperm-whale catch on grounds outside the Antarctic in 1955 was due to the fact that no floating factory was operating off the coast of Peru during this season. In 1954 one floating factory with 12 catchers killed 2,348 sperm-whales on this ground. In 1951, when the sperm-whale catch outside the Antarctic was also exceptionally high, 4 floating factories with 50 catchers were in activity off the coast of Peru and killed 6,350 sperm-whales. Apart from these catches by floating

factories on the Peruvian grounds in 1951 and 1954, there has been a steady increase in the sperm-whale catch on grounds outside the Antarctic during all the seasons since 1949. In the 1949-season 4,938 sperm-whales were killed as against 9,803 in 1955.

In the annexed tables *j-z*, pages 20–28, particulars are given for a series of years in respect to the individual whaling grounds in each area outside the Antarctic. In the following a few comments are made on the catch results from some of the more important grounds.

North Atlantic and Arctic. The total catch on the whaling grounds in the North Atlantic and Arctic increased slightly in 1955. This was due to a larger activity from the Faroe Islands, where 5 catchers were engaged instead of 2 during the previous season, and also to some larger catch from Iceland. On the other hand, the catch off the Norwegian coast in 1955 was reduced to 266 whales—the lowest result in the post-war years. Only 3 shore stations were operating here in 1955 as against 4 during all the previous years since 1947.

During each of the last 4 seasons the total catch in the North Atlantic and Arctic has been about 800 to 900 whales, while the results during the 4 preceding seasons 1948–1951 were about twice as high. The main reason for this decline is the closing in 1952 of 2 shore stations, which had been operating off Newfoundland for a series of years, and also a strongly reduced catch from the Faroe Islands.

The fin-whale is the most important species of whales killed in North Atlantic and Arctic, and during all the post-war years the fin-whale catch has been dominating in these waters. A not insignificant number of blue-whales was killed during the years 1948–1951, but later this blue-whale catch has decreased considerably, to a great extent on account of the above mentioned reduced activity from Newfoundland. The figures for the North Atlantic and Arctic grounds, excluding Newfoundland and West-Greenland, however, show that the average yearly number of blue-whales killed during the last years 1952–1955 was 14 as against 37 during the period 1948–1951.

Coast of Africa. Whaling in the African waters was in 1955 carried on from the coast of Natal only, resulting in 1,310 whales as against 1,023 whales in 1954. The catch from Natal, however, consists to a great extent of sperm-whales, and the increase in the total catch in 1955 is mainly due to an increased sperm-whale catch. One single company was operating from one shore station, with 13 catchers in 1955 and 12 in 1954. In 1953 and previous seasons this company carried on whaling from 2 shore stations.

The whaling operations off the coast of Africa have been reduced considerably since 1951. During each of the seasons 1949–1951, when the humpback catch on the Congo ground was of special importance, the total African catch varied between 4,000 and 5,000 whales.

Pacific North (excl. Japan, Bering Sea, Kamtchatka and Kuril Islands). As in the 2 previous seasons whaling was in 1955 carried on from British Columbia only. One shore station, employing 6 catchers killed a total of 630 whales, i.e. exactly the same result as obtained in 1954. A great number of these whales were sperm-whales, thus in 1954 226 and in 1955 320.

Japan and Korea. From Korea no whaling has been carried on since the war. On the coast of Japan 19 shore stations were operating with 25 catchers in 1955. This is the same number of catchers employed in these waters as during the previous seasons from and including 1946. The total number of whales killed in 1955 amounted to 2,387, or much the same as in 1954. In both years about 1,500 of the whales killed were sperm-whales.

Bering Sea. The Japanese operations with floating factories in the Bering Sea, which in earlier publications have been included under Kamtchatka, are now recorded separately in a new table r, page 25. The total catch in the Bering Sea by 2 floating factories was in 1955 2,652 whales and in 1954 2,217 whales. During the seasons 1953 and 1952 one floating factory with 4 catchers killed 701 and 319 whales, respectively. The catch in the Bering Sea consists mainly of fin-whales and sperm-whales. A quite considerable number of blue-whales has also been killed on this ground—in 1955 70, in 1954 145 and in 1953 91.

Chile. During all the post-war years 2 shore stations have been operating on the coast of Chile. The total number of whales killed by 13 catchers in 1955 was 1,298, and by 12 catchers in 1954 1,328. The catch is mainly a fin-whale and sperm-whale catch, but it includes also a not insignificant number of blue-whales. In 1955 150 blue-whales were killed as against 70 in 1954 and 172 in 1953.

Australia. As in the previous season 5 shore stations with 9 catchers carried on whaling from Australia in 1955. The catch amounted to 1,854 whales (of which 1,846 humpbacks) as against 2,039 whales (2,038 humpbacks) in 1954. The reason for this decrease was that two companies operating on the west coast had got their whaling quota reduced by 100 animals each.

Table z, page 28, 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 1954–55 were 77,900 tons and 55,300 tons, respectively. Of these quanta 42,700 tons whale meat and 35,500 tons whale meal were produced in the Antarctic.

Annex.

Supplementary Tables to the Introduction.

Table a.—Whaling matériel in operation in the years 1937/38—1954/55.

Years. ¹⁾	All whaling grounds.			Antarctic.			Others.		
	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.	Shore stations.	Floating factories.	Catchers.
1937-38	37	35	357	2	31	256	35	4	101
1938-39	16	37	359	2	34	281	14	3	78
1939-40	9	29	306	2	28	240	7	1	66
1940-41	8	14	175	1	11	93	7	3	82
1941-42	8	2	52	2	-	12	6	2	40
1942-43	8	2	51	1	-	6	7	2	45
1943-44	9	1	63	1	1	15	8	-	48
1944-45	9	1	63	1	1	15	8	-	48
1945-46	38	11	155	3	9	93	35	2	62
1946-47	39	20	243	3	15	147	36	5	96
1947-48	51	21	309	3	17	183	48	4	126
1948-49	49	22	348	3	18	212	46	4	136
1949-50	50	22	382	3	18	237	47	4	145
1950-51	54	26	470	3	19	260	51	7	210
1951-52	51	24	432	3	20	289	48	4	143
1952-53	54	18	381	3	16	251	51	2	130
1953-54	50	21	368	3	17	227	47	4	141
1954-55	50	22	388	3	19	254	47	3	134

¹⁾ 1937-38 = Antarctic season 1937-38 and summer 1938, a.s.o.

Table b.—Whales killed in the years 1937/38—1954/55, by species.

Years. ¹⁾	Blue.	Fin.	Hump-back.	Sel.	Sperm.	Others.	Total of whales.
1937-38.....	15,035	29,680	5,125	929	3,763	370	54,902
1938-39.....	14,152	22,622	1,393	815	5,511	1,290	45,783
1939-40.....	11,560	19,722	454	538	4,671	764	37,709
1940-41.....	5,028	9,150	2,939	807	5,641	73	23,638
1941-42.....	81	2,169	306	373	4,957	128	8,014
1942-43.....	151	1,809	288	506	5,503	115	8,372
1943-44.....	353	2,204	282	989	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	308	43,431
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	8,186	125	45,060
1950-51.....	7,278	22,819	4,352	3,033	18,264	49	55,795
1951-52.....	5,436	25,605	4,023	3,123	11,557	88	49,832
1952-53.....	4,218	25,581	3,328	2,208	9,577	97	45,009
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	149	55,075

¹⁾ 1937-38 = Antarctic season 1937/38 and summer 1938, a.s.o.

Table c.—Whales killed in the various main areas 1937/38—1954/55.

Years. *	All areas.		Antarctic.		North Atlantic and Arctic. ¹⁾		Africa.		Pacific, north. ²⁾		Japan.		Others.	
	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.	No. of whales killed.	Per cent.
1937-38	54,902	100	46,039	83.9	750	1.4	3,044	5.5	483	0.9	1,970	3.6	2,616	4.7
1938-39	45,783	100	38,356	83.8	802	1.7	2,687	5.9	232	0.5	2,280	5.0	1,426	3.1
1939-40	37,709	100	32,900	87.3	78	0.2	1,035	2.7	922	2.4	2,035	5.4	739	2.0
1944-45	5,919	100	2,891	48.8	585	9.9	729	12.3	—	—	531	9.0	1,183	20.0
1945-46	19,384	100	13,387	69.1	1,145	5.9	984	5.1	113	0.6	1,750	9.0	2,005	10.3
1946-47	34,820	100	25,593	73.5	1,063	3.1	1,406	4.0	402	1.2	1,642	4.7	4,714	13.5
1947-48	43,431	100	31,318	72.1	1,693	3.9	2,308	5.3	492	1.1	1,590	3.7	6,030	13.9
1948-49	44,002	100	31,435	71.4	1,575	3.6	4,966	11.3	509	1.2	1,483	3.4	4,034	9.1
1949-50	45,060	100	32,396	71.9	1,698	3.8	4,122	9.1	620	1.4	1,701	3.8	4,523	10.0
1950-51	55,795	100	33,997	61.0	1,751	3.1	4,639	8.3	817	1.5	1,962	3.5	12,629	22.6
1951-52	49,832	100	35,237	70.7	780	1.6	2,945	5.9	895	1.8	1,993	4.0	7,977	16.0
1952-53	45,009	100	30,653	68.1	924	2.0	1,708	3.8	539	1.2	2,048	4.6	9,137	20.3
1953-54	53,642	100	34,872	65.0	788	1.5	1,088	2.0	630	1.2	2,354	4.4	13,910	25.9
1954-55	55,075	100	37,654	68.4	877	1.6	1,349	2.5	630	1.1	2,387	4.3	12,178	22.1

¹⁾ Exclusive Spain, Portugal, Azores, and Madeira. ²⁾ Exclusive Japan, Korea, Bering Sea, Kamtchatka, and Kuril Islands.

* Figures for the years 1940/41—1943/44 are omitted. Total number of whales killed 23,638, 8,014, 8,372, and 6,445, respectively.

Table d.—Oil production in the years 1937/38—1954/55.

Years. *	All whaling grounds.		Principal grounds. ¹⁾					
	Total oil output.	Oil output per catcher.	Antarctic.		North Atlantic and Arctic		Africa.	
			Oil output.	Oil output per catcher.	Oil output.	Oil output per catcher.	Oil output.	Oil output per catcher.
	Barrels. ²⁾	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
1937-38	3,641,314	10,200	3,340,330	13,048	22,097	1,004	139,102	6,323
1938-39	3,011,813	8,389	2,820,771	10,038	26,066	1,241	106,793	5,085
1939-40	2,668,756	8,721	2,544,253	10,601	2,950	2,950	40,419	3,674
1944-45	304,318	4,830	223,540	14,903	14,121	1,569	23,189	4,638
1945-46	948,715	6,121	818,652	8,803	39,472	2,077	30,552	3,819
1946-47	2,186,749	8,999	1,939,742	13,196	35,757	1,703	47,677	2,649
1947-48	2,437,629	7,889	2,104,051	11,498	61,016	2,034	64,308	2,680
1948-49	2,596,131	7,460	2,219,621	10,470	58,840	1,961	185,003	4,512
1949-50	2,548,230	6,671	2,166,489	9,141	63,612	1,988	154,134	3,585
1950-51	2,957,872	6,293	2,303,690	8,860	63,975	1,882	154,736	3,439
1951-52	2,908,850	6,733	2,479,180	8,578	27,427	1,371	93,342	2,667
1952-53	2,544,760	6,679	2,118,097	8,439	29,911	1,300	53,831	2,447
1953-54	2,862,408	7,778	2,285,720	10,069	25,507	1,417	43,936	3,138
1954-55	2,764,645	7,125	2,242,555	8,829	31,542	1,577	46,041	3,477
1937-38	Per cent	100.0	Per cent	91.8	Per cent	0.6	Per cent	3.8
1938-39		100.0		93.7		0.9		3.5
1939-40		100.0		95.3		0.1		1.5
1944-45		100.0		73.5		4.6		17.6
1945-46		100.0		86.3		3.9		3.2
1946-47		100.0		88.7		1.6		2.2
1947-48		100.0		86.3		2.5		2.6
1948-49		100.0		85.5		2.3		7.1
1949-50		100.0		85.0		2.5		6.0
1950-51		100.0		77.9		2.2		5.2
1951-52		100.0		85.2		0.9		3.2
1952-53		100.0		83.2		1.2		2.1
1953-54		100.0		79.9		0.9		1.5
1954-55		100.0		81.1		1.1		1.7

¹⁾ Exclusive Spain, Portugal, Azores, and Madeira. ²⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{16}$ long ton, 1 long ton = 1,016 kg.)

* Figures for 1940/41—1943/44 are omitted. Total oil output 1,268,081, 213,948, 212,307 and 224,207 barrels, respectively.

Table e.—Sperm-oil production in the years 1938/39 and 1948/49—1954/55.

Grounds.	¹⁾ 1938-39	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55
	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels	Barrels
South Georgia	6,971	9,175	7,902	9,944	6,417	6,640	8,677	4,154
Antarctic, pelagic	144,775	202,560	130,400	242,858	279,952	113,887	135,890	281,722
Africa:—								
Natal	16,083	20,009	13,991	25,744	13,238	12,371	14,858	16,447
Cape Province	—	4,380	3,300	4,184	8,715	6,794	—	—
Madagascar	1,291	—	400	—	—	—	—	—
Indian Ocean	—	—	1,000	—	—	—	—	—
South Atlantic, pelagic	—	—	—	—	—	—	—	⁴⁾ 835
French Congo ²⁾	—	—	—	2,580	—	—	—	—
Spanish Morocco	—	1,102	1,236	1,177	434	216	625	—
Brazil: Paraiba	—	—	—	—	20	45	45	15
North Atlantic and Arctic:—								
Azores	6,920	9,991	9,949	16,199	16,167	12,661	16,761	15 871
Madeira	—	1,989	387	3,594	3,971	3,079	2,479	4,287
Spain	—	—	52	627	1,844	895	1,505	3,075
Portugal	—	597	143	209	—	—	—	—
Norway	737	1,043	3,846	3,734	2,537	2,343	4,776	2,070
Scotland	—	—	—	40	—	—	—	—
Faroe Islands	558	2,030	1,981	2,856	46	1,916	452	3,245
Iceland	183	1,425	485	647	94	2,630	2,894	1,100
West Greenland	—	88	108	³⁾ 130	³⁾ 161	112	224	396
Newfoundland	840	3,377	1,758	799	—	—	—	—
Pacific North:—								
California	—	920	—	979	—	—	—	—
British Columbia	—	2,312	1,468	5,108	4,577	9,829	7,738	11,284
Alaska	2,655	—	—	—	—	—	—	—
Bering Sea	—	—	—	—	—	—	23,882	47,905
Kamtchatka	7,904	30,651	24,706	29,919	26,305	35,316	26,929	35,369
Kurul Islands	—	24,042	34,353	36,700	39,722	34,525	35,082	36,324
Japan	10,961	10,060	22,512	23,146	20,804	23,722	26,568	25,580
Bonin Island, pelagic	—	724	2,003	1,968	541	—	—	—
Peru	—	—	—	195,956	725	20,474	102,925	30,667
Chile	5,928	18,243	22,575	21,115	20,925	16,510	17,194	18,929
Australia	—	—	—	—	—	—	—	243
Total	205,806	344,718	284,555	630,213	447,195	303,965	429,504	539,518
<i>Of which produced by:</i>								
Norway	{ In Antarctic 65,976	{ 116,776	{ 63,306	{ 129,467	{ 117,737	{ 29,806	{ 35,252	{ 139,729
	{ Outside " 737	{ 1,043	{ 3,846	{ 23,399	{ 2,537	{ 2,343	{ 4,776	{ 2,905
United Kingdom	{ In Antarctic 16,729	{ 49,925	{ 45,020	{ 53,407	{ 67,954	{ 56,165	{ 50,498	{ 56,902
	{ Outside " 840	{ 3,377	{ 1,698	{ 784	{ —	{ —	{ —	{ —
Union of South Africa	{ In Antarctic 1,711	{ 27,330	{ 10,077	{ 23,762	{ 19,540	{ 9,566	{ 8,320	{ 16,978
	{ Outside " 17,374	{ 24,389	{ 17,291	{ 29,928	{ 21,953	{ 19,165	{ 14,858	{ 16,447
Japan	{ In Antarctic 35,797	{ —	{ 9,686	{ 22,489	{ 52,429	{ 6,747	{ 31,853	{ 51,894
	{ Outside " 10,961	{ 10,784	{ 24,515	{ 25,114	{ 21,345	{ 23,722	{ 50,450	{ 73,485
U.S.S.R.	{ In Antarctic —	{ 9,106	{ 2,570	{ 4,823	{ 7,353	{ 4,190	{ 9,788	{ 10,029
	{ Outside " 7,904	{ 54,693	{ 59,059	{ 66,619	{ 66,027	{ 69,841	{ 62,011	{ 71,693
Netherlands	{ In Antarctic —	{ 4,330	{ 5,038	{ 12,191	{ 17,300	{ 1,920	{ 6,957	{ 6,404
	{ Outside " 3,078	{ —	{ —	{ 2,450	{ 1,127	{ 9,200	{ —	{ 2,190
Panama	{ In Antarctic —	{ —	{ —	{ 72,010	{ —	{ —	{ 73,000	{ —
	{ Outside " —	{ —	{ —	{ —	{ —	{ —	{ —	{ —
Argentina	{ In Antarctic 4,942	{ 4,268	{ 2,605	{ 4,213	{ 2,929	{ 2,933	{ 1,899	{ 1,750
	{ Outside " —	{ 2,312	{ 1,468	{ 5,108	{ 4,577	{ 9,829	{ 7,738	{ 11,284
Canada	{ Outside " —	{ —	{ —	{ —	{ —	{ —	{ —	{ —
Portugal	{ Outside " 6,920	{ 12,577	{ 10,479	{ 20,750	{ 20,138	{ 15,740	{ 19,240	{ 20,158
Spain	{ Outside " —	{ 1,102	{ 1,288	{ 1,804	{ 2,278	{ 1,111	{ 2,130	{ 3,075
Denmark	{ Outside " —	{ 558	{ 2,118	{ 2,089	{ 2,986	{ 207	{ 2,028	{ 676
	{ Outside " 183	{ 1,425	{ 485	{ 647	{ 94	{ 2,630	{ 2,894	{ 1,100
Iceland	{ Outside " —	{ —	{ —	{ 447	{ 725	{ 20,474	{ 29,925	{ 30,667
Peru	{ Outside " —	{ —	{ —	{ —	{ —	{ —	{ —	{ —
Chile	{ Outside " 5,928	{ 18,243	{ 22,575	{ 21,115	{ 20,925	{ 16,510	{ 17,194	{ 18,929
Other countries { In Antarctic ⁵⁾ 23,513	{ —	{ —	{ —	{ —	{ —	{ —	{ —	{ —
	{ Outside " 2,655	{ 920	{ 1,460	{ ⁶⁾ 106,700	{ 20	{ 45	{ 45	{ 258

¹⁾ 1938-39 = Antarctic season 1938-39 and summer 1939, a.s.o. ²⁾ Incl. St. Thomé. ³⁾ Calculated. ⁴⁾ Produced by floating factories on their voyage to the Antarctic. ⁵⁾ Of which 23,281 barrels produced by Germany and 232 barrels by U.S.A. ⁶⁾ Of which 105,666 barrels produced by France, 979 barrels by U.S.A., and 55 barrels by Newfoundland.

Table f.—Whaling results for the various countries 1937/38—1954/55. All areas.
Number of whales killed.

Years.*	All countries	Argentina.	Brazil.	British Commonwealth. ¹⁾	Chile.	Denmark.	Germany.	Iceland.	Japan.	Netherlands.	Norway.	Panama.	Portugal.	United States of America	U.S.S.R.
<i>Absolute figures:</i>															
1937-38.....	54,902	1,062	—	19,542	338	208	5,839	147	7,552	—	²⁾ 15,355	1,527	417	2,650	265
1938-39.....	45,783	1,024	—	14,104	469	178	5,066	130	9,820	—	²⁾ 11,871	907	400	1,338	476
1939-40.....	37,709	705	—	13,207	78	—	—	—	9,698	—	11,040	1,421	552	1,008	—
1945-46.....	19,384	1,082	—	6,682	598	175	—	—	1,863	—	7,687	—	831	—	466
1946-47.....	34,820	857	25	14,736	851	284	—	—	3,181	770	12,857	—	835	38	386
1947-48.....	³⁾ 43,431	814	36	17,150	1,116	302	—	239	3,157	1,294	16,104	—	1,001	67	2,104
1948-49.....	³⁾ 44,002	919	38	14,811	991	335	—	324	3,331	1,366	16,570	1,356	656	49	3,122
1949-50.....	³⁾ 45,060	946	128	12,782	1,093	478	—	265	4,121	1,295	17,234	—	448	—	3,931
1950-51.....	³⁾ 55,795	796	179	13,921	1,094	387	—	339	5,043	1,660	18,024	4,021	1,641	40	4,274
1951-52.....	³⁾ 49,832	798	168	14,277	1,374	44	—	265	6,578	1,650	16,102	1,408	784	—	5,579
1952-53.....	³⁾ 45,009	678	175	13,772	1,198	190	—	332	5,394	1,575	11,620	2,365	637	—	5,605
1953-54.....	³⁾ 53,642	1,083	202	13,718	1,328	62	—	334	8,789	1,711	15,320	2,348	807	—	5,831
1954-55.....	³⁾ 55,075	947	213	13,529	1,298	196	—	400	10,997	848	14,796	2,512	839	—	6,321
<i>Percentage figures:</i>	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1937-38.....	100.0	1.9	—	35.6	0.6	0.4	10.6	0.3	13.8	—	28.0	2.8	0.7	4.8	0.5
1938-39.....	100.0	2.2	—	30.8	1.0	0.4	11.1	0.3	21.5	—	25.9	2.0	0.9	2.9	1.0
1939-40.....	100.0	1.9	—	35.0	0.2	—	—	—	25.7	—	29.3	3.8	1.4	2.7	—
1945-46.....	100.0	5.6	—	34.6	3.1	0.9	—	—	9.6	—	39.7	—	4.2	—	2.3
1946-47.....	100.0	2.5	0.1	42.4	2.4	0.8	—	—	9.1	2.2	36.9	—	2.4	0.1	1.1
1947-48.....	³⁾ 100.0	1.9	0.1	39.5	2.6	0.7	—	0.6	7.3	3.0	37.1	—	2.2	0.1	4.8
1948-49.....	³⁾ 100.0	2.1	0.1	33.7	2.2	0.8	—	0.7	7.6	3.1	37.7	3.1	1.4	0.1	7.1
1949-50.....	³⁾ 100.0	2.1	0.3	28.4	2.4	1.1	—	0.6	9.1	2.9	38.2	—	1.0	—	8.7
1950-51.....	³⁾ 100.0	1.4	0.3	25.0	2.0	0.7	—	0.6	9.0	3.0	32.3	7.2	2.9	0.1	7.7
1951-52.....	³⁾ 100.0	1.6	0.3	28.7	2.8	0.1	—	0.5	13.2	3.3	32.3	2.8	1.6	—	11.2
1952-53.....	³⁾ 100.0	1.5	0.4	30.6	2.7	0.4	—	0.7	12.0	3.5	25.8	5.2	1.4	—	12.5
1953-54.....	³⁾ 100.0	2.0	0.4	25.6	2.5	0.1	—	0.6	16.4	3.2	28.5	4.4	1.5	—	10.9
1954-55.....	³⁾ 100.0	1.7	0.4	24.6	2.4	0.3	—	0.7	20.0	1.5	26.9	4.6	1.5	—	11.5

¹⁾ Specification for countries of the British Commonwealth is given on the second following page. ²⁾ Including the catch of two Norwegian expeditions hired by Germany—in 1937/38 2,158 whales, and in 1938/39 1,658 whales. ³⁾ In the total figures for the seasons 1947/48—1953/54 the whaling results for the following countries are included: For *France* in 1949/50—2,193 whales = 4.9 per cent of all whales killed, in 1950/51—4,079 whales = 7.3 per cent and in 1951/52—436 whales = 0.9 per cent; for *Peru* in 1950/51—61 whales = 0.1 per cent, in 1951/52—95 whales = 0.2 per cent, in 1952/53—1,340 whales = 3.0 per cent, in 1953/54—1,827 whales = 3.4 per cent, and in 1954-55—1,887 whales = 3.4 per cent; for *Spain* in 1947/48—47 whales = 0.1 per cent, in 1948/49—134 whales = 0.3 per cent, in 1949/50—146 whales = 0.3 per cent, in 1950/51—236 whales = 0.4 per cent, in 1951/52—274 whales = 0.5 per cent, in 1952/53—128 whales = 0.3 per cent, in 1953/54—282 whales = 0.5 per cent, and in 1954-55—292 whales = 0.5 per cent.

* The years 1940/41-1944/45 are omitted. Total number of whales killed, in 1940-41 23,638, in 1941-42 8,014, in 1942-43 8,372, in 1943-44 6,445, in 1944-45 5,919

Table g.—Whaling results for the various countries 1937/38—1954/55. All areas.
Oil production in barrels.¹⁾

Years.*	All countries.	Argentina.	Brazil.	British Commonwealth. ²⁾	Chile.	Denmark.	Germany.	Iceland.	Japan.	Netherlands.	Norway.	Panama.	Portugal.	United States of America	U.S.S.R.
<i>Absolute figures:</i>															
1937-38	3,641,314	51,766	—	1,308,015	9,345	6,101	369,727	4,920	422,036	— ^{a)}	1,169,069	117,650	7,284	166,299	9,102
1938-39	3,011,813	66,826	—	1,007,223	7,512	5,197	374,149	3,764	496,260	— ^{a)}	853,867	68,853	6,920	102,388	18,854
1939-40	2,668,756	39,432	—	938,147	2,234	—	—	—	593,499	—	909,790	113,000	10,047	62,607	—
1945-46	948,715	45,028	—	307,048	17,861	3,981	—	—	5,837	—	536,803	—	16,016	—	16,141
1946-47	2,186,749	47,830	835	901,597	25,036	6,286	—	—	80,244	77,310	991,709	—	19,537	1,365	35,000
1947-48	⁴⁾ 2,437,629	44,965	1,060	949,235	28,522	10,277	—	9,000	120,716	85,130	1,064,313	—	23,103	2,350	98,002
1948-49	⁴⁾ 2,596,131	52,518	1,251	927,729	23,382	10,026	—	11,820	134,408	109,849	1,119,514	56,720	12,859	1,493	132,553
1949-50	⁴⁾ 2,548,230	41,348	2,132	767,896	30,231	13,776	—	12,292	197,613	82,792	1,122,466	—	11,100	—	165,442
1950-51	⁴⁾ 2,957,872	40,593	2,925	826,162	30,993	9,303	—	14,012	203,489	103,560	1,150,728	198,532	41,346	1,358	182,606
1951-52	⁴⁾ 2,908,850	41,825	2,171	877,427	35,406	817	—	9,524	304,499	110,300	1,151,404	97,073	20,275	—	233,916
1952-53	⁴⁾ 2,544,760	32,187	2,837	822,456	30,169	4,834	—	10,124	267,820	103,710	826,243	164,150	15,814	—	239,348
1953-54	⁴⁾ 2,862,408	53,478	3,636	854,840	27,885	1,419	—	10,506	389,058	97,596	1,041,389	73,000	19,283	—	254,775
1954-55	⁴⁾ 2,764,645	50,568	3,530	739,757	36,108	6,164	—	13,229	513,253	64,739	878,359	147,880	20,158	—	254,315
<i>Per cent figures:</i>	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
1937-38	100.0	1.4	—	35.9	0.3	0.2	10.2	0.1	11.6	—	32.1	3.2	0.2	4.6	0.2
1938-39	100.0	2.2	—	33.5	0.2	0.2	12.4	0.1	16.5	—	28.4	2.3	0.2	3.4	0.6
1939-40	100.0	1.5	—	35.2	0.1	—	—	—	22.2	—	34.1	4.2	0.4	2.3	—
1945-46	100.0	4.7	—	32.4	1.9	0.4	—	—	0.6	—	56.6	—	1.7	—	1.7
1946-47	100.0	2.2	—	41.2	1.1	0.3	—	—	3.7	3.5	45.4	—	0.9	—	1.6
1947-48	⁴⁾ 100.0	1.8	—	38.9	1.2	0.4	—	0.4	5.0	3.5	43.7	—	1.0	0.1	4.0
1948-49	⁴⁾ 100.0	2.0	—	35.7	0.9	0.4	—	0.5	5.2	4.2	43.1	2.2	0.5	0.1	5.1
1949-50	⁴⁾ 100.0	1.6	0.1	30.1	1.2	0.5	—	0.5	7.8	3.2	44.1	—	0.4	0.1	6.5
1950-51	⁴⁾ 100.0	1.3	0.1	27.9	1.0	0.3	—	0.5	6.9	3.5	38.9	6.7	1.4	—	6.2
1951-52	⁴⁾ 100.0	1.4	0.1	30.2	1.2	—	—	0.3	10.5	3.8	39.6	3.3	0.7	0.1	8.0
1952-53	⁴⁾ 100.0	1.3	0.1	32.3	1.2	0.2	—	0.4	10.5	4.1	32.5	6.4	0.6	—	9.4
1953-54	⁴⁾ 100.0	1.9	0.1	29.8	1.0	0.1	—	0.4	13.6	3.4	36.4	2.5	0.7	—	8.9
1954-55	⁴⁾ 100.0	1.8	0.1	26.8	1.3	0.2	—	0.5	18.6	2.3	31.8	5.4	0.7	—	9.2

¹⁾ Barrei = 170 kg. (Barrel = abt. 1/5 long ton, 1 long ton = 1,016 kg). ²⁾ Specification for countries of the British Commonwealth is given on next page.

³⁾ The figures include the catch of two Norwegian expeditions hired by Germany—in 1937/38 180,750 barrels, and in 1938/39 118,383 barrels. ⁴⁾ In the total figures for the seasons 1947/48—1953/54 the whaling results for the following countries are included: For *France* in 1949/50—98,660 barrels of oil = 3.9 per cent of the total oil production, in 1950/51—145,721 barrels = 4.9 per cent, and in 1951/52—16,485 barrels = 0.6 per cent; for *Peru* in 1950/51—2,015 barrels = 0.1 per cent, in 1951/52—1,941 barrels = 0.1 per cent, in 1952/53—22,108 barrels = 0.9 per cent, in 1953/54—31,168 barrels = 1.1 per cent, and in 1954/55—31,335 barrels = 1.1 per cent; for *Spain* in 1947/48—956 barrels = 0 per cent, in 1948/49—2,009 barrels = 0.1 per cent, in 1949/50—2,482 barrels = 0.1 per cent, in 1950/51—4,529 barrels = 0.2 per cent; in 1951/52—5,787 barrels = 0.2 per cent, in 1952-53—2,960 barrels = 0.1 per cent, in 1953/54—4,375 barrels = 0.1 per cent, and in 1954/55—5,250 barrels = 0.2 per cent.

* Figures for the years 1940/41-1944/45 are omitted. Total oil production in 1940-41 1,268,081 barrels, in 1941-42 213,948 barrels, in 1942-43 212,307 barrels, in 1943-44 224,207 barrels, in 1944-45 304,318 barrels.

Table h.—Whaling results for countries of the British Commonwealth.
Number of whales killed.

Years *	British Commonwealth	Of which					
		United Kingdom	Union of South Africa	New-foundland	Canada	New Zealand	Australia
1938-39.....	14,104	9,625	4,398	—	—	81	—
1939-40.....	13,207	9,953	2,925	—	220	109	—
1945-46.....	6,682	5,409	984	179	—	110	—
1946-47.....	14,736	10,494	3,972	157	—	111	2
1947-48.....	17,150	11,410	5,115	347	182	92	4
1948-49.....	14,811	9,280	4,749	193	255	141	193
1949-50.....	12,782	8,151	3,695	155	314	79	388
1950-51.....	13,921	6,626	5,314	209	437	111	1,224
1951-52.....	14,277	6,938	4,946	19	465	122	1,787
1952-53.....	13,772	6,964	4,137	22	539	109	2,001
1953-54.....	13,718	7,620	3,249	—	630	180	2,039
1954-55.....	13,529	7,912	3,006	15	630	112	1,854
<i>In per cent of all countries</i>	%	%	%	%	%	%	%
1938-39.....	30.8	21.0	9.6	—	—	0.2	—
1939-40.....	35.0	26.4	7.7	—	0.6	0.3	—
1945-46.....	34.6	28.0	5.1	0.9	—	0.6	—
1946-47.....	42.4	30.2	11.4	0.5	—	0.3	—
1947-48.....	39.5	26.3	11.8	0.8	0.4	0.2	—
1948-49.....	33.7	21.2	10.8	0.4	0.6	0.3	0.4
1949-50.....	28.4	18.1	8.2	0.3	0.7	0.2	0.9
1950-51.....	25.0	11.9	9.5	0.4	0.8	0.2	2.2
1951-52.....	28.7	14.0	9.9	—	0.9	0.3	3.6
1952-53.....	30.6	15.5	9.2	—	1.2	0.2	4.5
1953-54.....	25.6	14.2	6.1	—	1.2	0.3	3.8
1954-55.....	24.6	14.4	5.5	—	1.1	0.2	3.4

Oil production in barrels.¹⁾

1938-39.....	1,007,223	796,796	207,738	—	—	2,689	—
1939-40.....	938,147	766,209	159,329	—	8,700	3,909	—
1945-46.....	307,048	265,112	30,552	7,200	—	4,184	—
1946-47.....	901,597	638,576	252,556	6,600	—	3,825	40
1947-48.....	949,235	685,650	242,187	11,790	5,679	3,864	65
1948-49.....	927,729	673,387	226,419	8,506	7,841	5,838	5,738
1949-50.....	767,896	534,629	198,978	5,353	9,598	2,844	16,494
1950-51.....	826,162	490,199	250,946	10,012	14,433	4,482	56,090
1951-52.....	877,427	500,254	261,998	2,325	16,220	4,800	91,830
1952-53.....	822,456	491,012	203,749	2,689	18,255	4,560	102,191
1953-54.....	854,840	537,774	190,224	—	17,507	8,820	100,515
1954-55.....	739,757	471,315	145,015	3,866	18,164	5,020	96,377
<i>In per cent of all countries</i>	%	%	%	%	%	%	%
1938-39.....	33.5	26.5	6.9	—	—	0.1	—
1939-40.....	35.2	28.7	6.0	—	0.3	0.2	—
1945-46.....	32.4	28.0	3.2	0.8	—	0.4	—
1946-47.....	41.2	29.2	11.5	0.3	—	0.2	—
1947-48.....	38.9	28.1	9.9	0.5	0.2	0.2	—
1948-49.....	35.7	26.0	8.7	0.3	0.3	0.2	0.2
1949-50.....	30.1	21.0	7.8	0.2	0.4	0.1	0.6
1950-51.....	27.9	16.6	8.5	0.3	0.5	0.1	1.9
1951-52.....	30.2	17.2	9.0	0.1	0.5	0.2	3.2
1952-53.....	32.3	19.3	8.0	0.1	0.7	0.2	4.0
1953-54.....	29.8	18.8	6.6	—	0.6	0.3	3.5
1954-55.....	26.8	17.1	5.2	3.5	0.7	0.2	0.1

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

* Figures for the years 1940/41-1944/45 are omitted. Total number of whales killed in 1940-41 4,361, in 1941-42 1,162, in 1942-43 1,057, in 1943-44 1,171, and in 1944-45 1,229; total oil production 274,987 barrels, 47,745 barrels, 39,982 barrels, 40,973 barrels, and 40,401 barrels, respectively.

Table i.—Average size of whales killed in the different grounds in the years 1938, 1939, and 1950 to 1955.

Species of whales and whaling grounds.	1955	1954	1953	1952	1951	1950	1939	1938
Blue-whales.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.
Antarctic:—								
South Georgia	73.00	73.31	74.00	72.00	76.90	74.29	75.81	70.89
Pelagic whaling	77.76	77.97	77.53	78.03	78.28	79.03	78.11	78.42
Africa:—								
Natal	66.83	70.30	70.40	69.13	69.70	68.89	—	67.00
Cape Province	—	—	66.25	73.00	76.00	69.25	—	—
Madagascar	—	—	—	—	—	75.00	—	—
Spanish Morocco	—	64.80	—	—	—	—	—	—
North Atlantic and Arctic:								
Portugal	—	—	—	—	59.00	—	—	—
Norway	71.00	71.50	67.29	73.00	69.25	68.67	—	—
Scotland	—	—	—	—	75.25	71.50	—	—
Faroe Islands	68.00	—	70.00	—	68.11	69.33	—	68.00
Iceland	69.30	71.11	66.80	71.14	68.91	72.36	—	—
West Greenland	92.00	—	75.00	—	—	—	—	—
Newfoundland	—	—	—	—	72.88	71.00	—	—
Pacific North:—								
British Columbia	72.36	74.18	69.88	72.31	71.78	72.50	—	—
Bering Sea	74.25	76.96	75.99	76.84	—	—	—	—
Kamchatka	75.94	74.00	74.64	77.86	74.14	77.40	—	—
Kuril Islands	75.37	74.39	73.80	74.18	69.22	74.50	—	—
Japan	71.10	73.81	70.36	71.48	70.85	73.86	—	—
Bonin Island	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—
Chile	73.31	75.10	74.11	58.00	74.03	74.27	—	—
Australia	—	67.00	—	—	—	—	—	—
Fin-whales.								
Antarctic:—								
South Georgia	64.75	64.04	65.43	65.97	65.98	65.23	65.37	64.52
Pelagic whaling	66.53	67.09	67.27	67.86	66.71	67.46	67.21	67.86
Africa:—								
Natal	61.27	61.37	60.62	62.25	60.50	61.08	—	60.14
Cape Province	—	—	60.05	60.33	59.84	58.82	—	—
Madagascar	—	—	—	—	—	66.70	—	—
French Congo ¹⁾	—	—	—	—	60.25	—	—	—
Spanish Morocco	—	57.50	61.22	61.92	62.25	61.34	—	—
North Atlantic and Arctic:								
Spain	—	—	58.72	—	—	61.58	—	—
Portugal	—	—	—	—	54.33	62.32	—	—
Norway	57.89	59.20	59.48	58.62	60.08	59.45	—	—
Scotland	—	—	—	—	59.17	63.52	—	—
Faroe Islands	58.95	58.00	59.90	56.67	61.40	60.53	60.62	62.08
Iceland	59.43	58.56	57.30	58.53	59.99	60.13	—	—
West Greenland	60.86	59.77	60.73	58.56	61.27	59.03	—	—
Newfoundland	57.50	—	57.00	63.00	58.61	59.33	—	—
Pacific North:—								
California	—	—	—	—	63.00	—	—	—
British Columbia	57.76	57.19	58.57	57.65	58.06	57.89	—	—
Bering Sea	61.46	61.94	61.79	62.31	—	—	—	—
Kamchatka	61.12	60.67	60.78	60.45	61.30	59.78	—	—
Kuril Islands	61.37	60.06	60.66	60.16	61.11	62.43	—	—
Japan	57.22	56.47	56.91	57.66	56.52	57.81	—	—
Bonin Island	—	—	—	—	—	—	—	—
Peru	—	—	—	—	58.00	—	—	—
Chile	54.38	57.23	55.87	56.25	57.27	56.19	—	—
Australia	—	—	63.00	—	—	—	—	—

¹⁾ Incl. St. Thomé.

Table i (cont.).

Species of whales and whaling grounds.	1955	1954	1953	1952	1951	1950	1939	1938
<u>Humpbacks.</u>	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.
Antarctic:—								
South Georgia	40.00	39.36	40.11	39.80	40.13	40.04	—	41.53
Pelagic whaling	41.05	40.34	40.94	40.42	40.79	40.63	39.64	41.07
Africa:—								
Natal	39.29	37.41	37.82	38.32	37.62	38.07	—	36.41
Cape Province	—	—	41.00	40.33	36.78	43.29	—	—
Madagascar	—	—	—	—	—	40.45	—	—
French Congo ¹⁾	—	—	—	39.88	41.26	41.01	—	—
Brazil:—								
Paraiba	43.00	40.39	39.50	41.56	44.43	—	—	—
Santa Catarina	39.00	—	—	39.00	—	—	—	—
North Atlantic and Arctic:								
Norway	42.00	39.83	43.75	39.50	42.00	39.38	—	—
Faroe Islands	—	—	39.00	—	—	44.00	—	—
Iceland	—	44.00	38.50	—	44.00	—	—	—
West Greenland	—	—	37.00	—	46.00	43.67	—	—
Newfoundland	—	—	—	39.00	38.66	39.81	—	—
Pacific North:—								
California	—	—	—	—	43.00	—	—	—
British Columbia	39.08	39.68	39.26	40.41	39.00	39.55	—	—
Bering Sea	39.88	40.96	41.29	41.58	—	—	—	—
Kamtchatka	40.49	38.90	40.00	38.18	35.00	38.00	—	—
Kurul Islands	44.87	41.25	42.83	39.89	45.88	—	—	—
Japan	39.22	39.63	41.13	37.67	40.00	41.40	—	—
Bonin Island	—	—	—	43.00	—	44.33	—	—
Peru	—	—	—	—	40.00	—	—	—
Chile	45.00	—	44.00	45.00	47.00	44.80	—	—
Australia	40.90	39.90	40.01	40.35	40.31	40.47	—	—
New Zealand	40.54	40.28	41.32	40.33	40.52	40.86	—	—
<u>Sei-whales.</u>								
Antarctic:—								
South Georgia	50.00	49.25	50.11	50.49	50.31	50.01	50.89	49.94
Pelagic whaling	46.48	49.20	51.62	51.00	49.82	51.13	51.67	51.00
Africa:—								
Natal	43.78	43.94	43.21	43.14	44.02	44.40	—	—
Cape Province	—	—	44.42	45.22	46.94	46.33	—	—
Madagascar	—	—	—	—	—	42.33	—	—
French Congo ¹⁾	—	—	—	43.89	44.97	—	—	—
Spanish Morocco	—	51.29	50.22	49.83	45.85	50.50	—	—
Brazil:—								
Paraiba	50.31	50.68	49.69	45.01	49.91	—	—	—
Santa Catarina	47.00	—	—	39.25	—	—	—	—
North Atlantic and Arctic:								
Spain	—	—	41.33	—	—	50.63	—	—
Norway	44.30	44.65	40.63	43.50	43.45	45.00	—	—
Scotland	—	—	—	—	47.67	—	—	—
Faroe Islands	42.56	43.33	40.78	35.00	45.13	45.00	—	—
Iceland	42.99	42.27	43.49	44.20	46.00	—	—	—
West Greenland	51.67	—	—	—	—	—	—	—
Newfoundland	—	—	—	—	44.31	48.44	—	—
Pacific North:—								
California	—	—	—	—	—	—	—	—
British Columbia	44.23	43.84	46.29	44.91	45.40	44.83	—	—
Bering Sea	47.89	47.11	47.06	45.93	—	—	—	—
Kamtchatka	47.10	48.73	50.36	47.54	49.94	49.57	—	—
Kurul Islands	47.22	48.09	46.11	45.45	48.00	49.51	—	—
Japan	42.69	42.55	43.10	43.35	43.23	43.52	—	—
Bonin Island	—	—	—	41.89	42.00	42.19	—	—
Chile	42.17	45.50	44.63	—	37.00	—	—	—
New Zealand	—	—	—	47.00	—	—	—	—

Table i (cont.).

Species of whales and whaling grounds.	1955	1954	1953	1952	1951	1950	1939	1938
	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.	Engl. ft.
Sperm-whales.								
Antarctic:—								
South Georgia	48.72	46.97	46.72	48.12	46.88	48.60	50.33	50.53
Pelagic whaling	48.91	49.20	49.90	49.93	50.18	50.13	52.86	53.27
Africa:—								
Natal	39.54	43.57	42.72	43.08	39.04	41.43	—	42.12
Cape Province	—	—	39.19	39.41	39.39	41.16	—	—
Madagascar	—	—	—	—	—	39.51	—	—
South Atlantic, pelagic.	38.38	—	—	—	—	—	—	—
French Congo ¹⁾	—	—	—	—	36.24	—	—	—
Spanish Morocco	—	35.12	35.69	31.18	38.58	43.92	—	—
Brazil:—								
Paraiba	40.00	49.00	54.00	45.00	—	—	—	—
North Atlantic and Arctic:								
Spain	—	—	38.32	—	—	50.67	—	—
Portugal	—	—	—	—	37.64	34.40	—	—
Norway	46.73	49.63	49.73	47.35	49.49	48.42	—	—
Scotland	—	—	—	—	47.00	—	—	—
Faroe Islands	46.83	49.45	46.27	51.00	48.56	48.65	51.70	53.15
Iceland	48.65	48.70	48.98	50.50	50.77	48.73		
West Greenland	52.56	50.11	48.50	54.60	50.33	50.40		
Newfoundland	—	—	—	—	51.67	50.62		
Pacific North:—								
California	—	—	—	—	43.31	—	—	—
British Columbia	42.48	42.61	42.96	42.61	41.16	44.18	—	—
Bering Sea	42.99	47.52	—	—	—	—	—	—
Kamtchatka	45.59	44.40	44.20	43.80	43.36	43.07	—	—
Kuril Islands	38.35	40.33	38.71	38.21	39.37	39.95	—	—
Japan	36.92	37.43	37.88	38.55	37.93	38.62	—	—
Bonin Island	—	—	—	45.67	46.03	42.94	—	—
Peru	—	—	—	—	41.80	—	—	—
Chile	39.71	38.46	39.98	49.91	42.33	43.10	—	—
Australia	47.00	—	—	—	—	—	—	—

1) Incl. St. Thomé.

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

Grounds.	Years.	Species of whales caught.							Oil production. Barrels.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales		Shore stations.	Float-ing fac-tories.	Catch-ers.	
<i>North Atlantic and Arctic. Total</i>	1938	15	565	2	105	36	¹⁾ 27	750	22,097	7	—	22	
	1939	26	665	9	59	40	²⁾ 3	802	26,066	7	—	21	
	1946	36	1,035	10	12	52	—	1,145	39,472	7	—	19	
	1947	32	945	11	20	55	—	1,063	35,757	7	—	21	
	1948	88	1,368	16	60	112	¹⁾ 49	1,693	61,016	10	—	30	
	1949	79	1,259	17	62	157	³⁾ 1	1,575	58,840	9	—	30	
	1950	54	1,422	29	21	170	³⁾ 2	1,698	63,612	11	—	32	
	1951	52	1,300	40	181	178	—	1,751	63,975	12	—	34	
	1952	15	635	3	51	59	⁴⁾ 17	780	27,427	8	—	20	
	1953	15	585	8	145	148	⁵⁾ 23	924	29,911	9	—	23	
	1954	11	486	7	116	168	—	788	25,507	7	—	18	
	1955	13	550	1	158	142	⁴⁾ 13	877	31,542	7	—	20	
	<i>Norway.</i>	1938	4	261	—	94	9	¹⁾ 27	395	11,076	4	—	12
1939		4	282	1	46	14	²⁾ 3	350	11,155	3	—	9	
1946		17	392	—	11	21	—	441	15,930	3	—	9	
1947		11	285	—	12	16	—	324	10,871	3	—	9	
1948		2	260	—	35	47	—	344	11,261	4	—	11	
1949		4	342	1	6	20	³⁾ 1	374	11,487	4	—	12	
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	⁴⁾ 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		
<i>Scotland.</i>	1950	2	33	—	—	—	—	35	1,057	1	—	1	
	1951	4	13	—	3	1	—	21	791	1	—	1	
<i>Faroe Islands.</i>	1938	2	184	1	6	7	—	200	6,101	2	—	6	
	1939	2	153	1	8	9	—	173	⁶⁾ 5,197	2	—	6	
	1946	5	94	1	1	14	—	115	3,981	2	—	3	
	1947	3	196	—	2	15	—	216	6,286	2	—	4	
	1948	3	223	—	15	30	—	271	10,277	2	—	5	
	1949	10	222	1	21	53	—	307	9,541	2	—	7	
	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	
<i>Iceland.</i>	1938	9	113	—	5	20	—	147	4,920	1	—	3	
	1939	13	109	1	3	4	—	130	3,764	1	—	3	
	1948	24	195	—	5	15	—	239	9,000	1	—	4	
	1949	33	249	2	12	28	—	324	11,820	1	—	4	
	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	

¹⁾ Different kinds of small whales. ²⁾ 2 Minke-whales and 1 bottlenose. ³⁾ Bottlenose. ⁴⁾ Minke-whales. ⁵⁾ 22 Minke-whales and 1 bottlenose. ⁶⁾ As no information has been available re. oil production of one shore station, it has been calculated on basis of the output of the other shore station.

Table j (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>West Greenland.</i>	1938	-	7	1	-	-	-	8	Barrels.	-	-	1	
	1939	-	3	2	-	-	-	5	-	-	-	1	
	1946	3	47	4	-	6	-	60	-	-	-	1	
	1947	4	51	5	2	6	-	68	-	-	-	1	
	1948	2	21	1	1	6	-	31	-	-	-	1	
	1949	2	21	2	-	3	-	28	485	-	-	1	
	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	
	<i>Newfoundland.⁶⁾</i>	1938	-	-	-	-	-	-	-	-	-	-	-
1939		7	118	4	2	13	-	144	5,950	1	-	2	
1946		11	502	5	-	11	-	529	19,561	2	-	6	
1947		14	413	6	4	18	-	455	18,600	2	-	7	
1948		57	669	15	4	14	³⁾ 49	808	30,478	3	-	9	
1949		30	425	11	23	53	-	542	25,507	2	-	6	
1950		15	409	16	16	29	-	485	20,508	2	-	7	
1951		24	483	29	39	12	-	587	25,090	3	-	10	
1952		-	1	1	-	-	⁴⁾ 17	19	2,325	1	-	2	
1953		-	1	-	-	-	⁵⁾ 21	22	2,689	1	-	2	
1954		-	-	-	-	-	-	-	-	-	-	-	
1955		-	2	-	-	-	⁴⁾ 13	15	3,866	1	-	2	

¹⁾ Bottlenoses. ²⁾ Calculated. ³⁾ Different kinds of small whales. ⁴⁾ Minke-whales. ⁵⁾ 20 Minke-whales and 1 bottlenose. ⁶⁾ From and incl. 1948 a great number of pilot whales (potheads) has been taken by one station. For the seasons, when the station caught "long whales", the production results of the pilot whales have been included (seasons 1948, 1951, 1952, 1953, and 1955).

Table k.—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.
1938	-	-	-	-	417	-	417	7,284	-	-	-
1939	-	-	-	-	400	-	400	6,920	-	-	-
1940	-	-	-	-	552	-	552	10,047	-	-	-
1941	-	-	-	-	425	-	425	8,358	-	-	-
1942	-	-	-	-	525	-	525	12,562	-	-	-
1943	-	-	-	-	663	-	663	11,681	-	-	-
1944	-	-	-	-	591	-	591	7,103	-	-	-
1945	-	-	-	-	443	-	443	8,465	-	-	-
1946	-	-	-	-	592	-	592	11,917	-	-	-
1947	-	-	-	-	565	-	565	12,974	-	-	-
1948	-	-	-	-	698	-	698	15,488	-	-	-
1949	-	-	-	-	484	-	484	9,991	-	-	-
1950	-	-	-	-	390	-	390	9,949	-	-	-
1951	-	-	-	-	724	-	724	16,199	-	-	-
1952	-	-	-	-	618	-	618	16,167	-	-	-
1953	-	-	-	-	528	-	528	12,661	-	-	-
1954	-	-	-	-	683	-	683	16,761	-	-	-
1955	-	-	-	-	664	-	664	15,871	-	-	-

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

Table I.—Madeira.

Years	Species of whales caught.							Oil production.	Expeditions. ¹⁾		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1941	—	—	—	—	76	—	76	699	—	—	—
1942	—	—	—	—	23	—	23	508	—	—	—
1943	—	—	—	—	133	—	133	2,199	—	—	—
1944	—	—	—	—	75	—	75	²⁾ 1,500	—	—	—
1945	—	—	—	—	91	—	91	2,250	—	—	—
1946	—	—	—	—	166	—	166	2,565	—	—	—
1947	—	—	—	—	109	—	109	2,585	—	—	—
1948	—	—	—	—	162	—	162	4,096	—	—	—
1949	—	—	—	—	135	—	135	1,989	—	—	—
1950	—	—	—	—	14	—	14	387	—	—	—
1951	—	—	—	—	182	—	182	3,594	—	—	—
1952	—	6	—	—	160	—	166	4,108	—	—	—
1953	—	2	—	—	107	—	109	3,153	—	—	—
1954	—	2	—	—	122	—	124	2,522	—	—	—
1955	—	—	—	—	175	—	175	4,287	—	—	—

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

Table m.—Spain.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1950	—	19	—	8	3	—	30	688	1	—	2
1951	—	27	—	34	35	—	96	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

¹⁾ Baleen whales. No specification.

Table n.—Portugal.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1944	—	38	—	—	20	—	58	¹⁾ 1,470	1	—	—
1945	—	36	—	—	11	—	47	1,123	1	—	—
1946	—	42	—	—	31	—	73	1,534	1	—	—
1947	—	111	—	—	50	—	161	3,978	1	—	3
1948	—	106	—	—	35	—	141	3,697	1	—	3
1949	—	14	—	—	23	—	37	879	1	—	3
1950	—	34	—	—	10	—	44	764	1	—	3
1951	1	9	—	—	11	²⁾ 1	22	505	1	—	3

¹⁾ Calculated. ²⁾ Minke-whale.

Table o.—Africa.

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.				
		Blue	Fin.	Hump-back.	Sel.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.		
<i>Africa. Total.</i>	1938	40	538	1,927	66	473	-	3,044	139,102	2	1	22		
	1939	27	502	200	42	676	²⁾ 1,240	2,687	106,793	2	1	21		
	1946	12	145	93	75	659	-	984	30,552	1	-	8		
	1947	19	529	95	158	550	¹⁾ 55	1,406	47,677	3	-	18		
	1948	21	632	196	196	1,015	¹⁾ 248	2,308	64,308	4	-	24		
	1949	23	707	2,894	238	965	¹⁾ 139	4,966	185,003	5	2	41		
	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	641	-	1,349	46,041	1	-	13		
	<i>Natal.</i>	1938	39	536	175	64	425	-	1,239	54,352	2	-	16	
1939		27	502	200	42	615	-	1,386	51,529	2	-	16		
1946		12	145	93	75	659	-	984	30,552	1	-	8		
1947		18	485	90	119	502	-	1,214	44,274	2	-	13		
1948		16	426	182	109	846	-	1,579	49,431	2	-	16		
1949		17	464	190	101	694	-	1,466	51,983	2	-	17		
1950		9	323	151	101	391	-	975	38,680	2	-	18		
1951		20	789	103	247	910	³⁾ 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			
<i>Cape Province.</i>	1947	1	44	5	39	48	¹⁾ 55	192	3,403	1	-	5		
	1948	4	134	14	83	105	¹⁾ 238	578	11,700	1	-	6		
	1949	5	188	15	119	209	¹⁾ 139	675	13,708	1	-	6		
	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		
<i>Madagascar.</i>	1938	1	-	1,752	2	48	-	1,805	84,750	-	1	6		
	1939	-	-	-	-	61	²⁾ 1,240	1,301	55,264	-	1	5		
	-	-	-	-	-	-	-	-	-	-	-	-		
	1949	1	-	1,333	-	1	-	1,335	60,583	-	1	8		
1950	1	10	711	3	⁴⁾ 64	-	789	34,424	-	1	9			
<i>South Atlantic, pelagic.</i> ⁵⁾	1955	-	-	-	-	39	-	39	835	-	-	-		
<i>Congo.</i> ⁶⁾	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	³⁾ 1	1,726	62,935	2	1	14			
1952	-	-	265	171	-	-	436	16,485	-	1	7			
<i>Spanish Morocco.</i>	1948	1	72	-	4	64	¹⁾ 10	151	3,177	1	-	2		
	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		
	1955	-	-	-	-	-	-	-	-	-	-	-		

¹⁾ Bryde-whales. ²⁾ No specification. ³⁾ Right-whales. ⁴⁾ 52 sperm-whales caught in the Indian Ocean. ⁵⁾ Caught by floating factories on their voyage to the Antarctic whaling grounds. ⁶⁾ In 1951 St. Thomé included.

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

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catch-ers.	
								Barrels.					
<i>Pacific North. Total.</i>	1937	54	228	114	13	321	-	730	33,389	4	1	14	
	1938	37	115	16	-	315	-	483	22,891	3	-	11	
	1939	5	93	85	-	49	-	232	9,424	2	-	5	
	1940	2	96	21	-	130	-	249	10,307	2	-	4	
	1941	1	74	43	-	234	-	352	14,313	3	-	8	
	1946	-	-	12	29	72	-	113	1 ¹⁾ 118	-	1	2	
	1947	4	17	14	161	206	-	402	2,137	1	3	6	
	1948	1	59	134	107	191	-	492	8,815	2	2	11	
	1949	2	115	91	119	182	-	509	10,202	2	1	9	
	1950	4	150	95	267	103	2 ¹⁾	1	620	12,345	1	1	8
	1951	9	225	55	285	239	4	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 ¹⁾	14	539	18,255	1	-	5
1954	11	150	106	134	226	2 ¹⁾	3	630	17,507	1	-	6	
1955	11	120	37	139	320	5 ¹⁾	3	630	18,164	1	-	6	
<i>California.</i>	1937	8	14	3	12	-	-	37	1,002	-	1	2	
	1938	-	-	-	-	-	-	-	-	-	-	-	
	1939	-	2	59	-	-	-	61	1,837	1	-	2	
	1940	-	6	19	-	4	-	29	1,607	1	-	1	
	1941	-	7	16	-	1	-	24	683	1	-	2	
	1947	-	17	13	3	5	-	38	1,365	1	-	2	
	1948	-	19	16	-	32	-	67	2,350	1	-	2	
	1949	-	10	11	-	28	-	49	1,493	1	-	2	
	1950	-	-	-	-	-	-	-	-	-	-	-	
	1951	-	9	4	-	26	2 ¹⁾	1	40	1,358	1	-	2
<i>British Columbia.</i>	1937	1	44	7	-	265	-	317	14,719	2	-	6	
	1938	4	50	4	-	252	-	310	13,157	2	-	6	
	1940	2	90	2	-	126	-	220	8,700	1	-	3	
	1941	1	67	27	-	233	-	328	13,630	2	-	6	
	1948	-	37	115	2	28	-	182	5,679	1	-	4	
	1949	2	105	76	3	69	-	255	7,841	1	-	3	
	1950	4	150	95	24	40	2 ¹⁾	1	314	9,598	1	-	4
	1951	9	216	51	5	153	3 ¹⁾	3	437	14,433	1	-	6
	1952	16	240	61	22	126	-	465	16,220	1	-	5	
	1953	8	181	47	14	275	4 ¹⁾	14	539	18,255	1	-	5
1954	11	150	106	134	226	2 ¹⁾	3	630	17,507	1	-	6	
1955	11	120	37	139	320	5 ¹⁾	3	630	18,164	1	-	6	
<i>Alaska.</i>	1937	45	170	104	1	56	-	376	17,668	2	-	6	
	1938	33	65	12	-	63	-	173	9,734	1	-	5	
	1939	5	91	26	-	49	-	171	7,587	1	-	3	
<i>Bonin Island, pelagic.</i>	1946	-	-	12	29	72	-	113	1 ¹⁾ 118	-	1	2	
	1947	4	-	1	158	201	-	364	1 ¹⁾ 772	-	3	4	
	1948	1	3	3	105	131	-	243	1 ¹⁾ 786	-	2	5	
	1949	-	-	4	116	85	-	205	1 ¹⁾ 868	-	1	4	
	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		

¹⁾ The whale is mainly used for human food. ²⁾ Bottlenose. ³⁾ 1 right-whale, 1 Calif. grey-whale 1 bottlenose. ⁴⁾ 10 grey-whales and 4 bottlenoses. ⁵⁾ Baird's beaked whales.

Table q.—Japan and Korea.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Barrels.	Shore stations.	Floating factories.
1938	4	293	60	553	785	¹⁾ 275	1,970	33,353	21	—	25
1939	10	241	86	677	1,266	—	2,280	12,784	²⁾ —	—	23
1940	15	252	33	429	1,306	—	2,035	25,143	²⁾ —	—	45
1941	26	360	40	623	1,298	³⁾ 2	2,349	28,084	²⁾ —	—	49
1942	12	418	30	255	427	⁴⁾ 6	1,148	10,832	²⁾ —	—	18
1943	15	315	69	352	727	³⁾ 13	1,491	16,723	²⁾ —	—	21
1944	2	376	64	734	990	³⁾ 3	2,169	25,182	²⁾ —	—	33
1945	10	169	11	74	266	³⁾ 1	531	6,082	²⁾ —	—	30
1946	8	232	8	545	957	—	1,750	⁵⁾ 5,719	23	—	25
1947	30	257	8	383	964	—	1,642	⁵⁾ 6,177	19	—	25
1948	49	176	8	533	823	³⁾ 1	1,590	⁵⁾ 15,018	20	—	25
1949	14	209	—	759	501	—	1,483	⁵⁾ 14,179	17	—	25
1950	7	141	5	299	1,249	—	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

¹⁾ Different kinds of small whales and 2 right-whales. ²⁾ No information of the number of shore stations in operation. ³⁾ Right-whales. ⁴⁾ 1 grey-whale and 5 right-whales. ⁵⁾ The whale is mainly used for human food.

Table r.—Bering Sea.

Years.	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.	Barrels.	Shore stations.	Floating factories.	Catchers.
1941	40	367	6	7	156	²⁾ 3	579	23,822	—	1	7
—	—	—	—	—	—	—	—	—	—	—	—
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

¹⁾ No specification. ²⁾ Right-whales.

Table s.—Kamtchatka.

Years.	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.	Barrels.	Shore stations.	Floating factories.	Catchers.
1939	—	238	4	—	154	²⁾ 41	476	18,854	—	1	3
1940 ³⁾	—	—	—	—	—	—	—	—	—	—	—
1941	9	254	7	11	194	⁴⁾ 68	543	18,235	—	1	3
1942	2	203	12	—	215	⁵⁾ 122	554	14,500	—	1	3
1943	—	132	29	—	216	⁶⁾ 101	478	15,941	—	1	3
1944 ³⁾	—	—	—	—	—	—	—	—	—	—	—
1945 ³⁾	—	—	—	—	—	—	—	—	—	—	—
1946	2	117	9	—	316	⁷⁾ 22	466	16,141	—	1	3
1947 ³⁾	—	—	—	—	—	—	—	—	—	—	—
1948	3	229	8	3	574	⁸⁾ 3	820	28,383	—	1	4
1949	3	64	—	21	774	⁹⁾ 6	868	33,045	—	1	4
1950	5	92	4	7	587	¹⁰⁾ 4	699	27,046	—	1	4
1951	7	90	1	16	765	¹¹⁾ 5	884	32,650	—	1	5
1952	7	234	17	13	731	¹²⁾ 4	1,006	34,811	—	1	5
1953	11	145	11	26	865	¹³⁾ 3	1,061	41,493	—	1	5
1954	12	238	21	22	816	¹⁴⁾ 3	1,112	36,264	—	1	5
1955	4	79	8	28	996	¹³⁾ 1	1,116	38,248	—	1	5

¹⁾ Grey-whales. ²⁾ 29 grey-whales and 12 without specification. ³⁾ No returns. ⁴⁾ 2 Minke-whales, 57 grey-whales, 5 bottlenoses, and 4 dolphins. ⁵⁾ 3 Minke-whales, 101 grey-whales, 7 bottlenoses, and 11 dolphins. ⁶⁾ 99 grey-whales, 1 bottlenose, and 1 dolphine. ⁷⁾ No specification. ⁸⁾ 2 bottlenoses and 1 whale-killer. ⁹⁾ 2 Minke-whales and 4 whale-killers. ¹⁰⁾ 1 Minke-whale and 3 bottlenoses. ¹¹⁾ 2 Minke-whales and 3 bottlenoses. ¹²⁾ 2 Minke-whales and 2 bottlenoses. ¹³⁾ Bottlenoses. ¹⁴⁾ 1 Minke-whale and 2 bottlenoses.

Table t.—Kuril Islands.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sci.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1948	—	26	5	36	390	¹⁾ 3	460	11,219	5	—	10
1949	—	53	7	60	986	²⁾ 41	1,147	26,173	5	—	10
1950	2	106	18	49	1,471	³⁾ 12	1,658	35,003	5	—	12
1951	9	156	8	52	1,462	⁴⁾ 12	1,699	40,062	5	—	13
1952	17	241	9	188	1,641	⁵⁾ 9	2,105	51,458	5	—	12
1953	10	179	6	86	1,521	⁶⁾ 16	1,818	42,586	5	—	13
1954	23	266	8	126	1,192	⁷⁾ 18	1,633	49,394	5	—	13
1955	27	219	23	128	1,494	⁸⁾ 24	1,915	43,979	5	—	13

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

Table u.—Brazil.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sci.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1947	—	—	11	14	—	—	25	835	1	—	1
1948	1	—	21	10	—	¹⁾ 4	36	1,060	2	—	1
1949	—	—	15	18	—	²⁾ 5	38	1,250	2	—	2
1950	—	—	24	98	—	¹⁾ 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

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

Table v.—Chile.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sci.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels.			
1938	15	56	6	44	203	¹⁾ 14	338	9,345	²⁾ 1	²⁾ —	²⁾ 1
1939	2	99	7	15	341	¹⁾ 5	469	7,512	2	1	5
1940	—	—	—	—	78	—	78	2,234	1	—	1
1941	—	—	—	—	59	—	59	1,626	1	—	1
1942	—	—	—	—	54	—	54	1,546	1	—	1
1943	—	—	—	—	60	¹⁾ 1	61	2,111	1	—	1
1944	2	61	—	—	367	—	430	15,830	2	—	4
1945	42	80	—	—	373	—	495	21,066	2	—	4
1946	11	228	15	1	343	—	598	17,861	2	—	5
1947	24	88	17	2	720	—	851	25,036	2	—	6
1948	85	289	5	6	731	—	1,116	28,522	2	—	7
1949	35	219	6	—	731	—	991	23,382	2	—	7
1950	45	274	5	—	769	—	1,093	30,231	2	—	7
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

¹⁾ Right-whales. ²⁾ No information as to the matériel in operation re. one company.

Table w.—Peru.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1938	-	-	-	-	602	-	602	12,869	-	1	8
1941	-	-	-	-	1,914	-	1,914	41,359	-	1	8
1942	-	-	-	-	3,346	-	3,346	64,500	-	1	8
1943	-	-	-	-	3,299	-	3,299	72,000	-	1	8
1947	-	1	2	-	2,887	-	2,890	105,986	-	2	15
1948	1	2	-	1	2,497	-	2,501	88,205	-	1	7
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

¹⁾ Production calculated on basis of the output of one of the companies. ²⁾ No information received from two stations.

Table x.—Australia.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1938	-	-	917	-	-	-	917	42,550	-	1	6
1947	-	-	2	-	-	-	2	40	1	-	1
1948	-	-	4	-	-	-	4	65	1	-	1
1949	-	-	193	-	-	-	193	5,738	2	-	2
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

¹⁾ Minke-whale.

Table y.—New Zealand.

Years.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
1938	1	-	75	-	1	-	77	2,391	1	-	3
1939	1	-	80	-	-	-	81	2,689	1	-	-
1940	-	-	107	-	2	-	109	3,909	1	-	-
1941	-	-	86	-	-	-	86	3,084	1	-	-
1942	-	-	71	-	-	-	71	2,988	1	-	-
1943	-	-	90	-	-	-	90	3,765	1	-	-
1944	-	-	88	-	-	-	88	2,630	1	-	-
1945	-	-	107	-	-	-	107	4,482	1	-	-
1946	-	-	110	-	-	-	110	4,184	1	-	-
1947	1	-	101	-	9	-	111	3,825	1	-	-
1948	-	-	92	-	-	-	92	3,864	1	-	3
1949	-	-	141	-	-	-	141	5,838	1	-	3
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

Table z.—Production of by-products in the Antarctic and on other whaling grounds 1945/46—1954/55.

Years Grounds	By-products	Whale	Whale liver	Liver-	Liver-	Meat	Whale meat,	Whale	Other
		meat-meal, bone-meal, grax-meal, guano, dehydrated whale meat	liver or liver flakes	oil, vitamin oil	meat	extract, liver extract	blubber, ventral grooves	solubles	by- products
		Long tons	L. tons	L. tons	L. tons	L. tons	L. tons	L. tons	L. tons
1945-46.....	Total	19,606	601	6	38	—	22,771	—	2,616
1946-47.....	"	26,575	714	81	380	104	47,286	—	4,192
1947-48.....	"	35,933	1,022	112	495	138	54,134	—	5,446
1948-49.....	"	37,591	1,291	166	596	88	62,534	670	6,178
1949-50.....	"	40,934	822	250	573	97	61,608	3,009	7,181
1950-51.....	"	45,461	843	264	622	44	45,052	7,865	8,274
1951-52.....	"	43,552	999	195	435	53	54,609	9,050	4,967
1952-53.....	"	44,586	1,380	186	526	168	54,703	10,410	2,924
1953-54.									
Antarctic.....		35,660	185	199	385	286	34,792	9,885	1,786
Africa:—									
Natal.....		2,507	—	—	—	—	—	—	—
Spanish Morocco.		48	—	—	—	—	44	—	—
Brazil:—Paraiba...		477	—	—	—	—	—	—	—
North Atl. and Arctic									
Madeira.....		104	—	—	—	—	—	—	—
Spain.....		45	—	—	—	—	116	—	—
Norway.....		735	39	—	—	—	1,812	—	9
Faroe Islands...		39	—	—	—	—	151	—	1
Iceland.....		868	36	—	—	—	1,503	—	—
Pacific North:—									
British Columbia.		2,235	—	¹⁾ —	—	—	904	1,952	—
Bering Sea.....		—	452	48	—	—	15,067	—	586
Kamchatka.....		—	166	—	—	—	165	—	—
Kuril Islands....		—	189	—	—	—	1,028	—	383
Japan.....		3,605	—	—	—	—	14,163	—	2,143
Chile.....		490	—	—	80	—	110	—	—
Australia.....		5,065	—	—	—	—	337	1,425	83
New Zealand.....		150	—	—	—	—	400	—	—
Total		52,028	1,067	247	465	286	70,592	13,262	4,991
1954-55.									
Antarctic.....		35,519	669	218	115	459	42,681	8,508	3,497
Africa:—Natal.....		2,658	—	—	—	—	—	—	—
Brazil.....		10	—	—	—	—	—	—	—
North Atl. and Arctic									
Azores.....		379	—	—	—	—	—	—	—
Madeira.....		175	—	—	—	—	—	—	—
Spain.....		327	—	—	—	—	346	—	—
Norway.....		527	55	—	—	—	1,923	—	—
Faroe Islands...		250	—	—	—	—	245	—	8
Iceland.....		1,262	21	—	—	—	1,973	—	—
West Greenland.		—	—	—	—	—	259	—	2
Newfoundland...		—	—	—	—	—	785	—	—
Pacific North:—									
British Columbia		1,965	—	²⁾ —	—	—	1,129	1,081	—
Bering Sea.....		—	29	50	—	—	12,163	—	448
Kamchatka.....		—	154	—	—	—	204	—	14
Kuril Islands....		—	258	—	—	—	935	—	586
Japan.....		4,032	—	—	—	—	14,986	—	1,740
Chile.....		2,218	—	—	140	—	—	—	—
Peru.....		1,220	—	300	—	—	—	—	—
Australia.....		4,705	—	—	—	—	—	1,360	7
New Zealand.....		80	—	—	—	—	300	—	—
Total		55,327	1,186	568	255	459	77,929	10,949	6,302

¹⁾ In addition 657,455 M.U. Vitamin A (liver oil) were produced. ²⁾ In addition 891,708 M.U. Vitamin A (liver oil) were produced.

TABLES

Antarctic season 1954/55
and summer season 1955

Table No. 1.—Whaling in 1954/55 and summer 1955.

Geographical areas.	Species of whales caught.							Oil production. Barrels ¹⁾	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia	13	2,746	2	423	82	—	3,266	180,766	3	—	21
Antarctic, pelagic whaling	2,163	25,878	493	146	5,708	—	34,388	2,061,789	—	19	233
Africa:—											
Natal	6	477	49	176	602	—	1,310	45,206	1	—	13
South Atlantic, pelagic whaling	—	—	—	—	39	—	39	835	—	²⁾ —	²⁾ —
Brazil:—											
Paraiba	—	—	6	198	1	³⁾ 1	206	3,300	1	—	2
Santa Catarina . .	—	—	3	2	—	⁵⁾ 2	7	230	1	—	—
North Atlantic and Arctic:—											
Azores	—	—	—	—	664	—	664	15,871	—	—	—
Madeira	—	—	—	—	175	—	175	4,287	—	—	—
Spain	—	36	—	—	158	⁴⁾ 98	292	5,250	2	—	6
Norway	1	210	1	10	44	—	266	8,283	3	—	8
Faroe Islands . . .	1	80	—	11	69	—	161	5,395	1	—	5
Iceland	10	236	—	134	20	—	400	13,229	1	—	4
West Greenland . .	1	22	—	3	9	—	35	769	1	—	1
Newfoundland . . .	—	2	—	—	—	⁵⁾ 13	⁶⁾ 15	3,866	1	—	2
Pacific North:—											
British Columbia Bering Sea, pelagic whaling	70	1,360	117	21	1,084	—	2,652	111,917	—	2	13
Kamchatka, pelagic whaling	4	79	8	28	996	⁸⁾ 1	1,116	38,248	—	1	5
Kuril Islands	27	219	23	128	1,494	⁹⁾ 24	1,915	43,979	5	—	13
Japan	30	354	9	488	1,506	—	2,387	34,421	19	—	25
Peru	8	7	2	1	1,869	—	1,887	31,335	2	—	6
Chile	150	359	5	32	746	³⁾ 6	1,298	36,108	2	—	13
Australia	—	—	1,846	—	7	⁵⁾ 1	1,854	96,377	5	—	9
New Zealand	—	—	112	—	—	—	112	5,020	1	—	3
Total	2,495	32,185	2,713	1,940	15,593	149	55,075	2,764,645	50	22	388

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{8}$ long ton, 1 long ton = 1,016 kg.) ²⁾ Floating factories on voyage to the Antarctic whaling grounds. ³⁾ Right-whales. ⁴⁾ Baleen whales, not specified. ⁵⁾ Minke-whales. ⁶⁾ In addition 6,612 potheads (pilot whales) were taken. ⁷⁾ Baird's beaked whales. ⁸⁾ Bottlenose. ⁹⁾ 9 Minke-whales, 5 bottlenoses, and 10 southern right-whales.

Table No. 2.—Norwegian whaling in 1954/55 and summer 1955.

Geographical areas.	Species of whales caught.							Oil production. Barrels	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia	4	907	—	129	23	—	1,063	59,753	1	—	7
Antarctic, pelagic . .	630	9,902	19	36	2,841	—	13,428	809,488	—	9	101
South Atlantic, pelagic whaling . .	—	—	—	—	39	—	39	835	—	¹⁾ —	¹⁾ —
Norway	1	210	1	10	44	—	266	8,283	3	—	8
Total	635	11,019	20	175	2,947	—	14,796	878,359	4	9	116

¹⁾ Floating factories on voyage to the Antarctic whaling grounds.

Table No. 3.—Whaling of United Kingdom in 1954/55 and summer 1955.

Geographical areas.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels			
South Georgia	5	1,081	2	147	21	—	1,256	70,445	1	—	7
Antarctic, pelagic . .	337	5,118	1	4	1,196	—	6,656	400,870	—	3	4 ¹⁾
Total	342	6,199	3	151	1,217	—	7,912	471,315	1	3	47

Table No. 4.—Whaling results for the various countries in 1954/55 and summer 1955.

Countries.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
								Barrels			
Norway	635	11,019	20	175	2,947	—	14,796	878,359	4	9	116
British Common-wealth	536	7,976	2,056	466	2,478	17	13,529	739,757	10	4	93
United Kingdom . . .	342	6,199	3	151	1,217	—	7,912	471,315	1	3	47
Union of South Africa	183	1,655	58	176	934	—	3,006	145,015	1	1	26
Australia	—	—	1,846	—	7 ¹⁾	1	1,854	96,377	5	—	9
Canada	11	120	37	139	320 ²⁾	3	630	18,164	1	—	6
New Zealand	—	—	112	—	—	—	112	5,020	1	—	3
Newfoundland	—	2	—	—	—	1 ¹⁾	13 ³⁾	15	3,866	1	—
Japan	692	5,934	305	509	3,557	—	10,997	513,253	19	5	74
U.S.S.R.	68	3,135	146	256	2,691 ⁴⁾	25	6,321	254,315	5	2	33
Panama	274	2,022	170	3	43	—	2,512	147,880	—	1	16
Netherlands	116	601	—	3	128	—	848	64,739	—	1	12
Argentina	4	758	—	147	38	—	947	50,568	1	—	7
Chile	150	359	5	32	746 ⁵⁾	6	1,298	36,108	2	—	13
Peru	8	7	2	1	1,869	—	1,887	31,335	2	—	6
Portugal	—	—	—	—	839	—	839	20,158	—	—	—
Iceland	10	236	—	134	20	—	400	13,229	1	—	4
Denmark	2	102	—	14	78	—	196	6,164	2	—	6
Brazil	—	—	9	200	1 ⁶⁾	3	213	3,530	2	—	2
Spain	—	36	—	—	158 ⁷⁾	98	292	5,250	2	—	6
Total	2,495	32,185	2,713	1,940	15,593	149	55,075	2,764,645	50	22	338

¹⁾ Minke-whales. ²⁾ Baird's beaked whales. ³⁾ In addition 6,612 porpoises (pilot whales) were caught. ⁴⁾ 9 Minke-whales, 6 bottlenoses, and 10 southern right-whales. ⁵⁾ Right-whales. ⁶⁾ 1 right-whale and 2 Minke-whales. ⁷⁾ Baleen whales, not specified.

Table No. 5.—Average size of whales caught in the summer season 1955.

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
A. Blue-whales.				
<i>Africa:—</i>				
Natal.....	—	62.50	69.00	66.83
Males 2 } Total 6.				
Females 4 }				
<i>North Atlantic and Arctic:—</i>				
Norway.....	—	71.00	—	71.00
Male 1.				
Faroe Islands.....	—	68.00	—	68.00
Male 1.				
Iceland.....	—	72.00	63.00	69.30
Males 7 } Total 10.				
Females 3 }				
West Greenland.....	—	—	92.00	92.00
Female 1.				
North Atlantic and Arctic, total	—	71.44	70.25	71.08
Males 9 } Total 13.				
Females 4 }				
<i>Pacific North:—</i>				
British Columbia.....	—	69.00	73.63	72.36
Males 3 } Total 11.				
Females 8 }				
Bering Sea, pelagic.....	—	75.21	78.06	75.94
Males 52 } Total 70.				
Females 18 }				
Kamtchatka, pelagic.....	—	71.33	83.00	74.25
Males 3 } Total 4.				
Females 1 }				
Kuril Islands.....	—	74.64	76.15	75.37
Males 14 } Total 27.				
Females 13 }				
Japan.....	No. 1	70.00	72.50	70.71
Males 16 } Total 30.	" 2	69.80	73.00	71.22
Females 14 }	" 3	65.00	80.00	72.50
	" 4	—	71.00	71.00
	" 5	—	70.00	70.00
Average		69.56	72.86	71.10
Pacific North, total.....	—	73.75	75.69	74.49
Males 88 } Total 142.				
Females 54 }				
<i>Chile</i>	—	71.93	74.72	73.31
Males 55 } Total 109. ¹⁾				
Females 54 }				

¹⁾ In addition 41 blue-whales with length and sex not stated.

Table No. 5 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<u>B. Fin-whales.</u>				
<i>Africa:—</i>				
Natal	—	60.94	61.66	61.27
Males 261 } Total 477.				
Females 216 }				
<i>North Atlantic and Arctic:—</i>				
Norway	No. 1	57.83	61.79	59.58
Males 118 } Total 210.	" 2	55.44	57.82	56.36
Females 92 }	" 3	57.00	56.81	56.89
Average		56.66	59.46	57.89
Faroe Islands	—	57.96	60.29	58.95
Males 46 } Total 80.				
Females 34 }				
Iceland	—	58.14	60.72	59.43
Males 118 } Total 236.				
Females 118 }				
West Greenland	—	59.21	63.75	60.86
Males 14 } Total 22.				
Females 8 }				
Newfoundland	—	—	57.50	57.50
Females 2.				
North Atlantic and Arctic, total	—	57.57	60.28	58.82
Males 296 } Total 550.				
Females 254 }				
<i>Pacific North:—</i>				
British Columbia	—	55.04	59.70	57.76
Males 50 } Total 120.				
Females 70 }				
Bering Sea, pelagic	—	60.10	62.23	61.12
Males 712 } Total 1,360.				
Females 648 }				
Kamtchatka, pelagic	—	60.70	62.23	61.46
Males 40 } Total 79.				
Females 39 }				
Kuril Islands	—	61.00	61.71	61.37
Males 104 } Total 218.				
Females 114 }				
Japan	No. 1	56.83	55.48	56.22
Males 185 } Total 353.	" 2	56.30	59.23	57.72
Females 168 }	" 3	53.13	56.86	54.87
	" 4	52.50	56.40	54.27
	" 5	61.00	56.00	58.50
Average		56.17	58.38	57.22

Table No. 5 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
Pacific North, total.....	—	59.31	61.38	60.32
Males 1,091 } Total 2,130.				
Females 1,039 }				
Chile.....	—	54.06	54.66	54.38
Males 158 } Total 341. ¹⁾				
Females 183 }				
C. Humpbacks.				
<i>Africa:—</i>				
Natal.....	—	39.13	39.56	39.29
Males 31 } Total 49.				
Females 18 }				
Brazil.....	No. 1	44.00	42.00	43.00
Males 4 } Total 9.	„ 2	39.00	39.00	39.00
Females 5 }				
Average		42.75	40.80	41.67
<i>North Atlantic and Arctic:—</i>				
Norway.....	—	—	42.00	42.00
Female 1.				
<i>Pacific North:—</i>				
British Columbia.....	—	38.33	40.06	39.08
Males 21 } Total 37.				
Females 16 }				
Bering Sea, pelagic.....	—	40.08	40.80	40.49
Males 51 } Total 117.				
Females 66 }				
Kamtschatka, pelagic.....	—	35.33	42.60	39.88
Males 3 } Total 8.				
Females 5 }				
Kuril Islands.....	—	44.56	45.57	44.87
Males 16 } Total 23.				
Females 7 }				
Japan.....	No. 1	37.67	38.50	38.00
Males 7 } Total 9.	„ 2	40.75	—	40.75
Females 2 }				
Average		39.43	38.50	39.22
Pacific North, total.....	—	40.24	41.07	40.65
Males 98 } Total 194.				
Females 96 }				
Chile.....	—	43.00	51.00	45.00
Males 3 } Total 4. ²⁾				
Females 1 }				

¹⁾ In addition 18 fin-whales with length and sex not stated. ²⁾ In addition 1 humpback with length and sex not stated.

Table No. 5 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<i>Australia</i>	No. 1	Engl. feet. 41.62	Engl. feet. 42.82	Engl. feet. 42.17
Males 1,072 } Total 1,843.	" 2	40.51	41.32	40.74
Females 771 }	" 3	40.49	42.55	41.43
	" 4	39.38	41.30	40.42
	" 5	39.94	40.89	40.29
Average		40.29	41.75	40.90
<i>New Zealand</i>	—	40.56	40.51	40.54
Males 71 } Total 112.				
Females 41 }				
D Sei-whales.				
<i>Africa</i> :—				
<i>Natal</i>	—	43.52	44.13	43.78
Males 101 } Total 176.				
Females 75 }				
<i>Brazil</i>	No. 1	49.06	52.05	50.31
Males 117 } Total 200.	" 2	47.00	—	47.00
Females 83 }				
Average		49.03	52.05	50.28
<i>North Atlantic and Arctic</i> :—				
<i>Norway</i>	No. 1	44.67	45.00	44.78
Males 6 } Total 10.	" 2	—	40.00	40.00
Females 4 }				
Average		44.67	43.75	44.30
<i>Faroe Islands</i>	—	41.13	45.67	42.36
Males 8 } Total 11.				
Females 3 }				
<i>Iceland</i>	—	41.95	43.50	42.99
Males 44 } Total 134.				
Females 90 }				
<i>West Greenland</i>	—	50.00	52.50	51.67
Male 1 } Total 3.				
Females 2 }				
<i>North Atlantic and Arctic, total</i>	—	42.25	43.76	43.20
Males 59 } Total 158.				
Females 99 }				
<i>Pacific North</i> :—				
<i>British Columbia</i>	—	43.19	45.82	44.23
Males 84 } Total 139.				
Females 55 }				
<i>Bering Sea, pelagic</i>	—	46.25	48.22	47.10
Males 12 } Total 21.				
Females 9 }				
<i>Kamtschatka, pelagic</i>	—	48.11	47.44	47.89
Males 19 } Total 28.				
Females 9 }				

Table No. 5 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
Kuril Islands.....	—	Engl. feet. 47.31	Engl. feet. 47.05	Engl. feet. 47.22
Males 85 } Total 128. Females 43 }				
Japan.....	No. 1	41.86	43.11	42.54
Males 212 } Total 485. Females 273 }	" 2	41.61	44.17	42.92
	" 3	42.05	43.57	42.97
	" 4	42.33	43.42	42.94
	" 5	40.58	42.30	41.63
Average		41.77	43.40	42.69
Pacific North, total.....	—	43.62	44.35	43.98
Males 412 } Total 801. Females 389 }				
Chile.....	—	45.25	36.00	42.17
Males 4 } Total 6. ¹⁾ Females 2 }				
<u>E. Sperm-whales.</u>				
<i>Africa:—</i>				
Natal.....	—	42.13	35.51	39.54
Males 367 } Total 602. Females 235 }				
South Atlantic, pelagic.....	—	40.89	32.00	38.38
Males 28 } Total 39. Females 11 }				
Africa, total.....	—	42.04	35.35	39.47
Males 395 } Total 641. Females 246 }				
Brazil.....	—	40.00	—	40.00
Male 1.				
<i>North Atlantic and Arctic:—</i>				
Norway.....	No. 1	45.17	—	45.17
Males 44.	" 2	48.60	—	48.60
Average		46.73	—	46.73
Faroe Islands.....	—	46.83	—	46.83
Males 69.				
Iceland.....	—	48.65	—	48.65
Males 20.				
West Greenland.....	—	52.56	—	52.56
Males 9.				
North Atlantic and Arctic, total		47.42	—	47.42
Males 142.				

¹⁾ In addition 26 sei-whales with length and sex not stated.

Table No. 5 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<i>Pacific North</i> :—		Engl. feet.	Engl. feet.	Engl. feet.
British Columbia	—	42.85	35.63	42.48
Males 304 } Total 320.				
Females 16 }				
Bering Sea, pelagic	No. 1	45.44	—	45.44
Males 1,080.	„ 2	45.71	—	45.71
Average		45.59	—	45.59
Kamchatka, pelagic	—	43.27	37.92	42.99
Males 932 } Total 984.				
Females 52 }				
Kuril Islands	—	39.55	35.78	38.35
Males 989 } Total 1,453.				
Females 464 }				
Japan	No. 1	37.56	35.59	36.54
Males 867 } Total 1,506.	„ 2	38.95	35.49	37.91
Females 639 }	„ 3	37.70	35.51	36.17
	„ 4	36.46	35.53	36.26
	„ 5	39.57	35.32	38.46
Average		37.94	35.54	36.92
Pacific North, total	—	41.85	35.74	40.51
Males 4,172 } Total 5,343.				
Females 1,171 }				
<i>Chile</i>	—	42.06	35.49	39.71
Males 284 } Total 442. ¹⁾				
Females 158 }				
<i>Australia</i>	—	49.00	35.00	47.00
Males 6 } Total 7.				
Females 1 }				
<u>F. Right-whales.</u>				
<i>Pacific North</i> :—				
Kuril Islands	—	51.00	53.00	52.00
Males 5 } Total 10.				
Females 5 }				
<i>Chile</i>	—	42.50	—	42.50
Males 2. ²⁾				

¹⁾ In addition 299 sperm-whales with length and sex not stated. ²⁾ In addition 4 right-whales with length and sex not stated.

**Table No. 6.—Whales caught in the summer season 1955,
by species, sex, and size.**

I. Natal.

Blue-whales.

Engl. feet.	Number of		Total animals.	Average size	Per cent
	males.	females.			
59	1	—	1	Males: 62.50 feet Females: 69.00 " Total animals: 66.83 " Males: 33.33 Females: 66.67	
66	1	1	2		
68	—	1	1		
71	—	2	2		
Sum	2	4	6		

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
45	—	1	1	69	6	4	10
46	2	—	2	70	6	3	9
47	—	1	1	71	4	6	10
48	2	—	2	72	4	2	6
54	—	1	1	73	2	6	8
55	32	34	66	74	1	1	2
56	38	22	60	75	—	4	4
57	12	8	20	76	—	3	3
58	18	10	28	77	—	3	3
59	15	14	29	Sum	261	216	477
60	20	18	38	Average size { Males: 60.94 feet Females: 61.66 " Total animals: 61.27 " Per cent { Males: 54.72 Females: 45.28			
61	13	13	26				
62	10	12	22				
63	15	10	25				
64	12	12	24				
65	11	4	15				
66	10	8	18				
67	14	9	23				
68	14	7	21				

Humpbacks.

30	—	1	1	46	—	1	1
35	4	1	5	48	1	—	1
36	3	1	4	Sum	31	18	49
37	5	1	6	Average size { Males: 39.13 feet Females: 39.56 " Total animals: 39.29 " Per cent { Males: 63.27 Females: 36.73			
38	1	1	2				
39	2	1	3				
40	4	7	11				
41	7	1	8				
42	3	1	4				
43	1	—	1				
44	—	2	2				

Table No. 6 (continued).

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
33	1	—	1	49	5	4	9		
35	—	1	1	50	3	6	9		
36	—	4	4	51	2	2	4		
37	2	2	4	52	1	4	5		
38	3	3	6	53	1	1	2		
39	8	6	14	54	—	3	3		
40	9	4	13	Sum	101	75	176		
41	9	8	17	Average size { Males: 43.52 feet Females: 44.13 " Total animals: 43.78 " Per cent { Males: 57.39 Females: 42.61					
42	11	6	17						
43	13	6	19						
44	5	1	6						
45	10	5	15						
46	8	4	12						
47	7	3	10						
48	3	2	5						

Sperm-whales.

26	—	1	1	48	17	—	17		
28	—	2	2	49	13	—	13		
29	—	1	1	50	6	—	6		
33	—	1	1	51	15	—	15		
35	39	113	152	52	8	—	8		
36	33	94	127	53	6	—	6		
37	34	15	49	54	4	—	4		
38	18	6	24	55	1	—	1		
39	15	2	17	56	2	—	2		
40	26	—	26	Sum	367	235	602		
41	20	—	20	Average size { Males: 42.13 feet Females: 35.51 " Total animals: 39.54 " Per cent { Males: 60.96 Females: 39.04					
42	23	—	23						
43	18	—	18						
44	14	—	14						
45	19	—	19						
46	16	—	16						
47	20	—	20						

2. South Atlantic, pelagic.

Sperm-whales.

23	—	1	1	42	5	—	5		
29	—	1	1	43	1	—	1		
30	—	1	1	45	1	—	1		
31	—	2	2	46	1	—	1		
32	1	1	2	47	4	—	4		
33	1	1	2	48	1	—	1		
34	—	1	1	Sum	28	11	39		
35	1	1	2	Average size { Males: 40.89 feet Females: 32.00 " Total animals: 38.38 " Per cent { Males: 71.79 Females: 28.21					
36	—	1	1						
36	1	—	1						
38	6	1	7						
39	1	—	1						
40	3	—	3						
41	1	—	1						

Table No. 6 (continued).

3. Summary Africa.

(Natal and South Atlantic, pelagic.)

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
23	—	1	1	46	17	—	17
26	—	1	1	47	24	—	24
28	—	2	2	48	18	—	18
29	—	2	2	49	13	—	13
30	—	1	1	50	6	—	6
31	—	2	2	51	15	—	15
32	1	1	2	52	8	—	8
33	1	2	3	53	6	—	6
34	—	1	1	54	4	—	4
35	40	114	154	55	1	—	1
36	33	95	128	56	2	—	2
37	35	15	50	Sum	395	246	641
38	24	7	31	Average size { Males: 42.04 feet Females: 35.35 " Total animals: 39.47 " Per cent { Males: 61.62 Females: 38.38			
39	16	2	18				
40	29	—	29				
41	21	—	21				
42	28	—	28				
43	19	—	19				
44	14	—	14				
45	20	—	20				

4. Brazil.**Humpbacks.**

38	1	1	2	Average size { Males: 42.75 feet Females: 40.80 " Total animals: 41.67 " Per cent { Males: 44.44 Females: 55.56			
39	1	2	3				
41	—	1	1				
46	1	—	1				
47	—	1	1				
48	1	—	1				
Sum	4	5	9				

Sei-whales.

41	1	—	1	54	2	7	9
42	2	—	2	55	—	11	11
43	1	—	1	56	—	6	6
44	4	—	4	57	—	1	1
45	4	2	6	Sum	117	83	200
46	3	—	3	Average size { Males: 49.03 feet Females: 52.05 " Total animals: 50.28 " Per cent { Males: 58.50 Females: 41.50			
47	6	1	7				
48	17	5	22				
49	28	3	31				
50	22	7	29				
51	9	13	22				
52	17	24	41				
53	1	3	4				

Sperm-whale.

1 male, 40 feet.—In addition 1 right-whale.

5. Azores.

664 sperm-whales.

6. Madeira.

175 sperm-whales.

7. Spain.

36 fin-whales, 158 sperm-whales, and 98 baleen whales, not specified.

Table No. 6 (continued).

8. Norway.**Blue-whale.**

1 male, 71 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
44	1	-	1	64	4	6	10
47	1	1	2	65	4	2	6
48	-	1	1	66	1	3	4
49	-	1	1	67	3	3	6
50	12	5	17	68	-	5	5
51	8	5	13	69	-	4	4
52	8	5	13	70	-	1	1
53	7	4	11	71	-	1	1
54	8	3	11	72	-	2	2
55	6	6	12	73	-	1	1
56	8	3	11	Sum	118	92	210
57	5	2	7	Average size {			Males: 56.66 feet
58	9	6	15	Average size {			Females: 59.46 "
59	7	2	9	Average size {			Total animals: 57.89 "
60	12	9	21	Per cent {			Males: 56.19
61	5	4	9	Per cent {			Females: 43.81
62	5	3	8				
63	4	4	8				

Humpback.

1 female, 42 feet.

Sei-whales.

Engl. feet.	Number of		Total animals.	Average size {	Males: 44.67 feet	
	males.	females.				
40	1	2	3	Average size {	Females: 43.75 "	
44	2	-	2			Total animals: 44.30 "
45	-	-	-			
46	2	-	2			
47	-	1	1	Per cent {	Males: 60.00	
48	1	1	2			Females: 40.00
Sum	6	4	10			

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
41	2	49	6
42	2	50	1
43	2	51	2
44	5	52	2
45	3	53	2
46	10	Sum	44
47	3		
48	4		

Average size: Males: 46.73 feet.

Table No. 6 (continued).

9. Faroe Islands.**Blue-whales.**

1 male, 68 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
50	1	1	2	63	4	—	4
51	—	1	1	64	1	5	6
52	2	2	4	65	1	3	4
53	1	1	2	67	1	1	2
54	5	—	5	68	—	2	2
55	3	2	5	Sum	46	34	80
56	5	—	5	Average size { Males: 57.96 feet Females: 60.29 „ Total animals: 58.95 „			
57	3	1	4				
58	9	3	12	Per cent { Males: 57.50 Females: 42.50			
59	3	—	3				
60	3	4	7				
61	2	3	5				
62	2	5	7				

Sei-whales.

Engl. feet.	Number of		Total animals.	Average size { Males: 41.13 feet Females: 45.67 „ Total animals: 42.36 „	
	males.	females.			
37	2	—	2	Per cent { Males: 72.73 Females: 27.27	
38	1	—	1		
39	1	—	1		
43	—	1	1		
44	3	—	3		
46	1	—	1		
47	—	2	2		
Sum	8	3	11		

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
40	1	49	4
42	1	50	3
43	2	51	3
44	11	52	2
45	4	55	2
46	17	Sum	69
47	8		
48	11		

Average size: Males: 46.83 feet.

Table No. 6 (continued).

10. Iceland.

Blue-whales.

Engl. feet.	Number of		Total animals.
	males.	females.	
55	-	1	1
64	1	-	1
66	1	-	1
67	-	2	2
72	1	-	1
74	1	-	1
75	1	-	1
76	1	-	1
77	1	-	1
Sum	7	3	10

Average size { Males: 72.00 feet
Females: 63.00 "
Total animals: 69.30 "

Per cent { Males: 70.00
Females: 30.00

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
46	1	-	1	64	6	4	10
49	1	-	1	65	4	9	13
50	7	2	9	66	3	5	8
51	4	3	7	67	1	12	13
52	8	2	10	68	-	2	2
53	4	2	6	69	-	2	2
54	8	4	12	70	-	3	3
55	2	9	11	75	-	1	1
56	4	12	16	Sum	118	118	236
57	5	3	8	Average size { Males: 58.14 feet Females: 60.72 " Total animals: 59.43 "			
58	7	7	14	Per cent { Males: 50.00 Females: 50.00			
59	13	5	18				
60	11	5	16				
61	15	9	24				
62	6	7	13				
63	8	10	18				

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
33	-	1	1	47	-	14	14
35	1	1	2	48	-	5	5
36	1	2	3	49	-	4	4
37	1	4	5	50	-	1	1
38	3	3	6	Sum	44	90	134
39	2	5	7	Average size { Males: 41.95 feet Females: 43.50 " Total animals: 42.99 "			
40	3	6	9	Per cent { Males: 32.84 Females: 67.16			
41	5	6	11				
42	9	5	14				
43	4	5	9				
44	7	7	14				
45	5	11	16				
46	3	10	13				

Table No. 6 (continued).

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
42	1	51	2
45	2	52	2
46	2	53	1
47	3	54	1
48	1		
49	3		
50	2	Sum	20

Average size: Males: 48.65 feet.

II. West Greenland.

Blue-whales.

1 female, 92 feet.

Fin-whales.

Engl. feet.	Number of		Total animals.	
	males.	females.		
54	2	—	2	Average size { Males: 59.21 feet Females: 63.75 " Total animals: 60.86 "
58	1	1	2	
59	4	2	6	
60	2	1	3	
61	3	—	3	Per cent { Males: 63.64 Females: 36.36
62	2	1	3	
70	—	2	2	
72	—	1	1	
Sum	14	8	22	

Sei-whales.

Engl. feet.	Number of		Total animals.	
	males.	females.		
50	1	—	1	Average size { Males: 50.00 feet Females: 52.50 " Total animals: 51.67 "
52	—	1	1	
53	—	1	1	
Sum	1	2	3	Per cent { Males: 33.33 Females: 66.67

Sperm-whales.

Engl. feet.	Number of males.
50	2
51	3
52	1
54	1
56	1
58	1
Sum	9

Average size: Males: 52.56 feet.

Table No. 6 (continued).

**12. Newfoundland.
Fin-whales.**

Engl. feet.	Number of		Total animals.
	males.	females.	
55	-	1	1
60	-	1	1
Sum	-	2	2

Average size: Females: 57.50 feet.

In addition 13 Minke-whales and 6,612 potheads.

13. Summary North Atlantic and Arctic.

(Norway, Faroe Islands, Iceland, West Greenland, and Newfoundland.)

Blue-whales.

Engl. feet.	Number of		Total animals.	
	males.	females.		
55	-	1	1	
64	1	-	1	
66	1	-	1	
67	-	2	2	
68	1	-	1	
71	1	-	1	
72	1	-	1	
74	1	-	1	
75	1	-	1	
76	1	-	1	
77	1	-	1	
92	-	1	1	
Sum	9	4	13	

Average size { Males: 71.44 feet
Females: 70.25 "
Total animals: 71.08 "

Per cent { Males: 69.23
Females: 30.77

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
44	1	-	1	65	9	14	23
46	1	-	1	66	4	8	12
47	1	1	2	67	5	16	21
48	-	1	1	68	-	9	9
49	1	1	2	69	-	6	6
50	20	8	28	70	-	6	6
51	12	9	21	71	-	1	1
52	18	9	27	72	-	3	3
53	12	7	19	73	-	1	1
54	23	7	30	75	-	1	1
55	11	18	29				
56	17	15	32	Sum	296	254	550
57	13	6	19				
58	26	17	43				
59	27	9	36				
60	28	20	48				
61	25	16	41				
62	15	16	31				
63	16	14	30				
64	11	15	26				

Average size { Males: 57.57 feet
Females: 60.28 "
Total animals: 58.82 "

Per cent { Males: 53.82
Females: 46.18

Table No. 6 (continued).

Humpback.

1 female, 42 feet.

Sei-whales.

Engl. feet.	Number of		Total animals	Engl. feet.	Number of		Total animals.				
	males.	females.			males.	females.					
33	—	1	1	48	1	6	7				
35	1	1	2	49	—	4	4				
36	1	2	3	50	1	1	2				
37	3	4	7	52	—	1	1				
38	4	3	7	53	—	1	1				
39	3	5	8	Sum	59	99	158				
40	4	8	12	Average size { Males: 42.25 feet Females: 43.76 " Total animals: 43.20 "							
41	5	6	11								
42	9	5	14								
43	4	6	10								
44	12	7	19								
45	5	11	16								
46	6	10	16								
47	—	17	17								
								Per cent { Males: 37.34 Females: 62.66			

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
40	1	50	8
41	2	51	10
42	4	52	7
43	4	53	3
44	16	54	2
45	9	55	2
46	29	56	1
47	14	58	1
48	16	Sum	142
49	13		

Average size: Males: 47.42 feet.

14. British Columbia.**Blue-whales.**

Engl. feet.	Number of		Total animals.	Average size { Males: 69.00 feet Females: 73.63 " Total animals: 72.36 "
	males.	females.		
59	1	—	1	Per cent { Males: 27.27 Females: 72.73
65	—	1	1	
66	—	1	1	
72	1	1	2	
73	—	1	1	
75	—	1	1	
76	1	1	2	
77	—	1	1	
85	—	1	1	
Sum	3	8	11	

Table No. 6 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
44	1	—	1	62	1	4	5
46	1	—	1	63	1	10	11
48	1	—	1	64	—	2	2
49	1	1	2	65	—	7	7
50	6	6	12	67	—	4	4
51	3	1	4	69	—	3	3
52	3	2	5	71	—	1	1
53	6	3	9	Sum	50	70	120
54	1	3	4	Average size { Males: 55.04 feet			
55	1	1	2	{ Females: 59.70 "			
56	6	2	8	{ Total animals: 57.76 "			
57	2	6	8	Per cent { Males: 41.67			
58	5	2	7	{ Females: 58.33			
59	1	3	4				
60	5	4	9				
61	5	5	10				

Humpbacks.

32	1	—	1	44	2	2	4
33	2	—	2	46	—	1	1
34	1	1	2	47	—	1	1
35	2	2	4	Sum	21	16	37
36	2	2	4	Average size { Males: 38.33 feet			
37	1	1	2	{ Females: 40.06 "			
38	2	1	3	{ Total animals: 39.08 "			
39	1	1	2	Per cent { Males: 56.76			
40	1	—	1	{ Females: 43.24			
41	2	1	3				
42	3	—	3				
43	1	3	4				

Sei-whales.

35	1	—	1	48	2	7	9
36	1	—	1	49	—	4	4
37	3	—	3	50	—	1	1
38	4	—	4	51	—	1	1
39	5	—	5	Sum	84	55	139
40	5	2	7	Average size { Males: 43.19 feet			
41	2	3	5	{ Females: 45.82 "			
42	4	—	4	{ Total animals: 44.23 "			
43	10	3	13	Per cent { Males: 60.43			
44	15	5	20	{ Females: 39.57			
45	15	10	25				
46	11	8	19				
47	6	11	17				

Table No. 6 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
31	2	—	2	48	14	—	14
33	—	1	1	49	18	—	18
34	2	5	7	50	13	—	13
35	9	2	11	51	12	—	12
36	15	2	17	52	3	—	3
37	20	4	24	53	2	—	2
38	20	1	21	55	1	—	1
39	13	1	14	Sum	304	16	320
40	25	—	25	Average size {			Males: 42.85 feet
41	22	—	22	{			Females: 35.63 "
42	25	—	25	{			Total animals: 42.48 "
43	20	—	20	Per cent {			Males: 95.00
44	21	—	21	{			Females: 5.00
45	13	—	13				
46	19	—	19				
47	15	—	15				

15. Bering Sea.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
69	1	—	1	82	1	3	4
70	2	1	3	84	—	1	1
71	1	2	3	85	—	1	1
72	2	1	3	Sum	52	18	70
73	6	1	7	Average size {			Males: 75.21 feet
74	8	—	8	{			Females: 78.06 "
75	9	—	9	{			Total animals: 75.94 "
76	9	1	10	Per cent {			Males: 74.29
77	4	—	4	{			Females: 25.71
78	6	3	9				
80	3	1	4				
81	—	3	3				

Fin-whales.

52	—	2	2	68	—	25	25
53	1	1	2	69	—	9	9
54	2	1	3	70	—	3	3
55	26	15	41	71	—	1	1
56	33	22	55	73	—	1	1
57	56	30	86	74	—	1	1
58	73	48	121	Sum	712	648	1,360
59	100	47	147	Average size {			Males: 60.10 feet
60	104	39	143	{			Females: 62.23 "
61	101	60	161	{			Total animals: 61.12 "
62	80	67	147	Per cent {			Males: 52.35
63	78	57	135	{			Females: 47.65
64	32	68	100				
65	15	58	73				
66	7	54	61				
67	4	39	43				

Table No. 6 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	3	2	5	46	-	3	3
36	1	-	1	47	-	1	1
37	4	10	14	48	-	1	1
38	5	6	11	Sum	51	66	117
39	5	7	12	Average size { Males: 40.08 feet Females: 40.80 " Total animals: 40.49 " Per cent { Males: 43.59 Females: 56.41			
40	9	5	14				
41	10	8	18				
42	7	8	15				
43	2	8	10				
44	5	4	9				
45	-	3	3				

Sei-whales.

Engl. feet.	Number of		Total animals.	Average size {	Males: 46.25 feet
	males.	females.			
43	1	-	1	Per cent { Males: 57.14 Females: 42.86	
44	1	-	1		
45	2	-	2		
46	2	1	3		
47	3	2	5		
48	2	2	4		
49	1	2	3		
50	-	2	2		
Sum	12	9	21		

Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
36	1	49	74
38	11	50	76
39	30	51	61
40	68	52	36
41	70	53	28
42	98	54	11
43	106	55	1
44	103	56	3
45	81	57	1
46	68	Sum	1) 1 080
47	71		
48	82		

Average size: Males: 45.59 feet.

1) In addition 4 sperm-whales lost.

Table No. 6 (continued).

16. Kamtchatka.

Blue-whales.

Engl. feet.	Number of		Total animals.	Average size	{ Males: 71.33 feet Females: 83.00 " Total animals: 74.25 "
	males.	females.			
70	1	—	1	Per cent	{ Males: 75.00 Females: 25.00
71	1	—	1		
73	1	—	1		
83	—	1	1		
Sum	3	1	4		

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
55	2	3	5	68	2	—	2
56	2	1	3	69	—	2	2
57	3	—	3	70	1	—	1
58	7	2	9	Sum	40	39	79
59	2	4	6	Average size	{ Males: 60.70 feet Females: 62.23 " Total animals: 61.46 "		
60	4	2	6				
61	5	3	8				
62	3	3	6				
63	6	4	10				
64	1	6	7				
65	—	3	3				
66	2	6	8				
						Per cent	{ Males: 50.63 Females: 49.37

Humpbacks.

Engl. feet.	Number of		Total animals.	Average size	{ Males: 35.33 feet Females: 42.60 " Total animals: 39.88 "
	males.	females.			
35	2	1	3	Per cent	{ Males: 37.50 Females: 62.50
36	1	—	1		
38	—	1	1		
46	—	2	2		
48	—	1	1		
Sum	3	5	8		

Sei-whales.

41	—	1	1	Average size	{ Males: 48.11 feet Females: 47.44 " Total animals: 47.89 "
43	1	—	1		
44	2	—	2		
45	1	1	2		
46	3	—	3		
47	1	3	4		
48	1	1	2	Per cent	{ Males: 67.86 Females: 32.14
49	2	—	2		
50	4	1	5		
51	2	2	4		
52	1	—	1		
53	1	—	1		
Sum	19	9	28		

Table No. 6 (continued).

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.			
	males.	females.			males.	females.				
32	1	-	1	48	55	-	55			
33	2	1	3	49	54	-	54			
34	-	1	1	50	51	-	51			
35	1	1	2	51	20	-	20			
36	2	-	2	52	8	-	8			
38	206	43	249	53	3	-	3			
39	70	4	74	54	5	-	5			
40	48	2	50	Sum	932	52	¹⁾ 984			
41	52	-	52	Average size {	Males: 43.27 feet	Females: 37.92 "	Total animals: 42.99 "			
42	32	-	32					Per cent {	Males: 94.72	Females: 5.28
43	69	-	69							
44	63	-	63							
45	61	-	61							
46	78	-	78							
47	51	-	51							

¹⁾ In addition 12 sperm-whales lost.

17. Kuril Islands.

Blue-whales.

70	-	1	1	81	1	-	1			
72	5	1	6	82	-	1	1			
73	1	1	2	Sum	14	13	27			
74	3	1	4	Average size {	Males: 74.64 feet	Females: 76.15 "	Total animals: 75.37 "			
75	1	2	3					Per cent {	Males: 51.85	Females: 48.15
76	1	1	2							
77	-	1	1							
78	-	1	1							
79	2	2	4							
80	-	1	1							

Fin-whales.

49	-	1	1	69	-	2	2			
54	1	1	2	70	-	1	1			
55	8	5	13	71	1	1	2			
56	9	12	21	72	-	1	1			
57	3	6	9	73	1	1	2			
58	7	1	8	76	1	-	1			
59	12	11	23	77	1	-	1			
60	11	7	18	Sum	104	114	¹⁾ 218			
61	11	9	20	Average size {	Males: 61.00 feet	Females: 61.71 "	Total animals: 61.37 "			
62	11	10	21					Per cent {	Males: 47.71	Females: 52.29
63	5	10	15							
64	9	13	22							
65	4	4	8							
66	3	9	12							
67	6	5	11							
68	-	4	4							

¹⁾ In addition 1 fin-whale lost.

Table No. 6 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
35	—	1	1	50	1	—	1	
36	1	—	1	52	1	—	1	
39	3	—	3	53	—	1	1	
41	1	—	1	54	1	—	1	
42	1	—	1	55	—	1	1	
43	1	2	3	Sum	16	7	23	
44	1	1	2	Average size {				Males: 44.56 feet
45	1	—	1	Females: 45.57 "				Total animals: 44.87 "
46	1	1	2	Per cent {				Males: 69.57
47	2	—	2	Females: 30.43				
49	1	—	1					

Sei-whales.

37	—	1	1	53	2	2	4	
40	1	1	2	54	3	1	4	
41	3	2	5	55	1	1	2	
42	2	3	5	56	1	—	1	
43	6	2	8	57	—	1	1	
44	7	1	8	Sum	85	43	128	
45	6	5	11	Average size {				Males: 47.31 feet
46	15	6	21	Females: 47.05 "				Total animals: 47.22 "
47	6	2	8	Per cent {				Males: 66.41
48	8	3	11	Females: 33.59				
49	6	4	10					
50	10	7	17					
51	7	1	8					
52	1	—	1					

Sperm-whales.

22	—	1	1	48	19	—	19	
26	—	1	1	49	34	—	34	
29	1	—	1	50	47	—	47	
30	—	3	3	51	21	—	21	
31	1	8	9	52	14	—	14	
32	2	6	8	53	9	—	9	
33	3	10	13	54	5	—	5	
34	10	8	18	55	1	—	1	
35	231	197	428	56	2	—	2	
36	192	111	303	57	1	—	1	
37	109	59	168	Sum	989	464	¹⁾ 1,453	
38	78	27	105	Average size {				Males: 39.55 feet
39	43	9	52	Females: 35.78 "				Total animals: 38.35 "
40	35	17	52	Per cent {				Males: 68.07
41	19	4	23	Females: 31.93				
42	14	1	15					
43	21	2	23					
44	18	—	18					
45	14	—	14					
46	24	—	24					
47	21	—	21					

¹⁾ In addition 41 sperm-whales lost.

Table No. 6 (continued).

Right-whales.

Engl. feet.	Number of		Total animals.	
	males.	females.		
35	1	—	1	Average size { Males: 51.00 feet Females: 53.00 " Total animals: 52.00 " Per cent { Males: 50.00 Females: 50.00
37	—	1	1	
53	—	1	1	
54	2	—	2	
56	2	—	2	
57	—	1	1	
58	—	1	1	
60	—	1	1	
Sum	5	5	10	

18. Japan.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
65	2	—	2	78	—	1	1
66	2	—	2	79	—	1	1
67	3	1	4	80	—	1	1
68	2	2	4	Sum	16	14	30
69	—	1	1	Average size { Males: 69.56 feet Females: 72.86 " Total animals: 71.10 " Per cent { Males: 53.33 Females: 46.67			
70	2	1	3				
71	—	2	2				
72	—	1	1				
73	2	—	2				
75	1	2	3				
76	1	—	1				
77	1	1	2				

Fin-whales.

50	15	10	25	65	1	7	8
51	18	20	38	66	—	5	5
52	16	12	28	67	—	4	4
53	9	—	9	68	—	3	3
54	9	6	15	69	—	1	1
55	20	4	24	70	1	—	1
56	12	10	22	75	1	—	1
57	13	5	18	Sum	185	168	1) 353
58	17	5	22	Average size { Males: 56.17 feet Females: 58.38 " Total animals: 57.22 " Per cent { Males: 52.41 Females: 47.59			
59	13	12	25				
60	16	13	29				
61	8	17	25				
62	5	15	20				
63	10	12	22				
64	1	7	8				

1) In addition 1 fin-whale lost.

Table No. 6 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	
	males.	females.		
35	1	—	1	Average size { Males: 39.43 feet Females: 38.50 „ Total animals: 39.22 „
36	1	1	2	
37	1	—	1	
40	1	—	1	Per cent { Males: 77.78 Females: 22.22
41	1	1	2	
42	1	—	1	
45	1	—	1	
Sum	7	2	9	

Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	6	9	15	49	—	12	12
36	9	7	16	50	—	6	6
37	12	10	22	51	—	6	6
38	14	10	24	52	—	1	1
39	16	19	35	Sum	212	273	1) 485
40	24	20	44	Average size { Males: 41.77 feet Females: 43.40 „ Total animals: 42.69 „ Per cent { Males: 43.71 Females: 56.29			
41	16	13	29				
42	19	18	37				
43	21	24	45				
44	24	18	42				
45	15	32	47				
46	22	26	48				
47	11	21	32				
48	3	21	24				

1) In addition 3 sei-whales lost.

Sperm-whales.

32	—	1	1	48	5	—	5
33	2	2	4	49	7	—	7
34	1	1	2	50	13	—	13
35	211	374	585	51	10	—	10
36	208	195	403	52	2	—	2
37	142	45	187	53	4	—	4
38	94	18	112	54	2	—	2
39	44	2	46	Sum	867	639	1,506
40	30	1	31	Average size { Males: 37.94 feet Females: 35.54 „ Total animals: 36.92 „ Per cent { Males: 57.57 Females: 42.43			
41	12	—	12				
42	17	—	17				
43	20	—	20				
44	12	—	12				
45	18	—	18				
46	6	—	6				
47	7	—	7				

Table No. 6 (continued).

19. Summary Pacific North.

(British Columbia, Bering Sea, Kamtchatka, Kuril Islands, and Japan.)

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
59	1	—	1	81	1	3	4
65	2	1	3	82	1	4	5
66	2	1	3	83	—	1	1
67	3	1	4	84	—	1	1
68	2	2	4	85	—	2	2
69	1	1	2	Sum	88	54	142
70	5	3	8	Average size { Males: 73.75 feet Females: 75.69 " Total animals: 74.49 "			
71	2	4	6				
72	8	4	12				
73	10	3	13				
74	11	1	12				
75	11	5	16				
76	12	3	15				
77	5	3	8				
78	6	5	11				
79	2	3	5				
80	3	3	6				
				Per cent { Males: 61.97 Females: 38.03			

Fin-whales.

44	1	—	1	67	10	52	62
46	1	—	1	68	2	32	34
48	1	—	1	69	—	17	17
49	1	2	3	70	2	4	6
50	21	16	37	71	1	3	4
51	21	21	42	72	—	1	1
52	19	16	35	73	1	2	3
53	16	4	20	74	—	1	1
54	13	11	24	75	1	—	1
55	57	28	85	76	1	—	1
56	62	47	109	77	1	—	1
57	77	47	124	Sum	1,091	1,039	¹⁾ 2,130
58	109	58	167	Average size { Males: 59.31 feet Females: 61.38 " Total animals: 60.32 "			
59	128	77	205				
60	140	65	205				
61	130	94	224				
62	100	99	199				
63	100	93	193				
64	43	96	139				
65	20	79	99				
66	12	74	86				

¹⁾ In addition 2 fin-whales lost.

Table No. 6 (continued).

Humpbacks.											
Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.				
	males.	females.			males.	females.					
32	1	—	1	48	—	2	2				
33	2	—	2	49	1	—	1				
34	1	1	2	50	1	—	1				
35	8	6	14	52	1	—	1				
36	6	3	9	53	—	1	1				
37	6	11	17	54	1	—	1				
38	7	8	15	55	—	1	1				
39	9	8	17	Sum	98	96	194				
40	11	5	16	Average size { Males: 40.24 feet Females: 41.07 " Total animals: 40.65 "							
41	14	10	24					Per cent { Males: 50.52 Females: 49.48			
42	12	8	20								
43	4	13	17								
44	8	7	15								
45	2	3	5								
46	1	7	8								
47	2	2	4								

Sei-whales.											
35	7	9	16	50	14	17	31				
36	10	7	17	51	9	10	19				
37	15	11	26	52	2	1	3				
38	18	10	28	53	3	2	5				
39	21	19	40	54	3	1	4				
40	30	23	53	55	1	1	2				
41	21	19	40	56	1	—	1				
42	25	21	46	57	—	1	1				
43	39	29	68	Sum	412	389	¹⁾ 801				
44	49	24	73	Average size { Males: 43.62 feet Females: 44.35 " Total animals: 43.98 "							
45	39	48	87					Per cent { Males: 51.44 Females: 48.56			
46	53	41	94								
47	27	39	66								
48	16	34	50								
49	9	22	31								

¹⁾ In addition 3 sei-whales lost.

Sperm-whales.											
22	—	1	1	46	195	—	195				
26	—	1	1	47	165	—	165				
29	1	—	1	48	175	—	175				
30	—	3	3	49	187	—	187				
31	3	8	11	50	200	—	200				
32	3	7	10	51	124	—	124				
33	7	14	21	52	63	—	63				
34	13	15	28	53	46	—	46				
35	452	574	1,026	54	23	—	23				
36	418	308	726	55	3	—	3				
37	271	108	379	56	5	—	5				
38	409	89	498	57	2	—	2				
39	200	16	216	Sum	4,172	1,171	¹⁾ 5,343				
40	206	20	226	Average size { Males: 41.85 feet Females: 35.74 " Total animals: 40.51 "							
41	175	4	179					Per cent { Males: 78.08 Females: 21.92			
42	186	1	187								
43	236	2	238								
44	217	—	217								
45	187	—	187								

¹⁾ In addition 57 sperm-whales lost.

Table No. 6 (continued).

Right-whales.

Engl. feet.	Number of		Total animals.	
	males.	females.		
35	1	—	1	Average size { Males: 51.00 feet Females: 53.00 " Total animals: 52.00 "
37	—	1	1	
53	—	1	1	Per cent { Males: 50.00 Females: 50.00
54	2	—	2	
56	2	—	2	
57	—	1	1	
58	—	1	1	
60	—	1	1	
Sum	5	5	10	

20. Peru.

8 blue-whales,
7 fin-whales,
2 humpbacks,
1 sei-whale, and
1,869 sperm-whales. } Length and sex not stated.

21. Chile.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
65	1	3	4	80	—	4	4
66	6	1	7	81	—	2	2
67	2	3	5	82	1	2	3
68	1	1	2	84	—	1	1
69	6	1	7	85	—	2	2
70	3	2	5	Sum	55	54	¹⁾ 109
71	3	4	7	Average size { Males: 71.93 feet Females: 74.72 " Total animals: 73.31 " Per cent { Males: 50.46 Females: 49.54			
72	10	3	13				
73	5	2	7				
74	3	7	10				
75	5	2	7				
76	5	4	9				
77	2	6	8				
79	2	4	6				

¹⁾ In addition 41 blue-whales with length and sex not stated.

Fin-whales.

48	1	1	2	62	2	6	8
49	2	1	3	64	1	—	1
50	5	9	14	67	1	1	2
51	26	21	47	71	—	1	1
52	15	18	33	73	—	1	1
53	37	36	73	76	—	1	1
54	12	19	31	Sum	158	183	¹⁾ 341
55	11	21	32	Average size { Males: 54.06 feet Females: 54.66 " Total animals: 54.38 " Per cent { Males: 46.33 Females: 53.67			
56	17	17	34				
57	17	12	29				
58	6	7	13				
59	1	4	5				
60	2	4	6				
61	2	3	5				

¹⁾ In addition 18 fin-whales with length and sex not stated.

Table No. 6 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Average size	Per cent
	males.	females.			
39	1	—	1	{ Males: 43.00 feet Females: 51.00 „ Total animals: 45.00 „	{ Males: 75.00 Females: 25.00
41	1	—	1		
49	1	—	1		
51	—	1	1		
Sum	3	1	¹⁾ 4		

¹⁾ In addition 1 humpback with length and sex not stated.

Sei-whales.

Engl. feet.	Number of		Total animals.	Average size	Per cent
	males.	females.			
30	—	2	2	{ Males: 45.25 feet Females: 36.00 „ Total animals: 42.17 „	{ Males: 66.67 Females: 33.33
37	1	—	1		
44	1	—	1		
47	1	—	1		
53	1	—	1		
Sum	4	2	¹⁾ 6		

¹⁾ In addition 26 sei-whales with length and sex not stated.

Right-whales.

Engl. feet.	Number of		Total animals.	Average size: Males: 42.50 feet.
	males.	females.		
35	1	—	1	
50	1	—	1	
Sum	2	—	¹⁾ 2	

¹⁾ In addition 4 right-whales with length and sex not stated.

Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
32	1	—	1	48	10	—	10
33	5	3	8	49	12	—	12
34	—	1	1	50	6	—	6
35	23	92	115	51	7	—	7
36	28	46	74	52	3	—	3
37	18	11	29	53	7	—	7
38	16	3	19	54	2	—	2
39	18	2	20	55	3	—	3
40	5	—	5	57	1	—	1
41	27	—	27	Sum	284	158	¹⁾ 442
42	15	—	15	Average size { Males: 42.06 feet Females: 35.49 „ Total animals: 39.71 „			
43	20	—	20		Per cent { Males: 64.25 Females: 35.75		
44	19	—	19				
45	12	—	12				
46	18	—	18				
47	8	—	8				

¹⁾ In addition 304 sperm-whales with length and sex not stated.

Table No. 6 (continued).

22. Australia.
Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
29	—	2	2	46	7	49	56
31	—	1	1	47	2	31	33
33	2	2	4	48	1	13	14
34	2	—	2	49	—	3	3
35	27	14	41	50	—	2	2
36	39	16	55	51	1	1	2
37	56	32	88	Sum	1,072	771	¹⁾ 1,843
38	88	52	140	Average size	{ Males: 40.29 feet		
39	155	68	223		{ Females: 41.75 "		
40	225	97	322		{ Total animals: 40.90 "		
41	140	77	217	Per cent	{ Males: 58.17		
42	153	84	237		{ Females: 41.83		
43	106	88	194				
44	50	78	128				
45	18	61	79				

¹⁾ In addition 2 humpbacks with sex not stated, and 1 male calf of 15'3"

Sperm-whales.

Engl. feet.	Number of		Total animals.	Average size	{ Males: 49.00 feet	{ Females: 35.00 "	{ Total animals: 47.00 "		
	males.	females.							
35	—	1	1	Per cent	{ Males: 85.71	{ Females: 14.29			
41	1	—	1						
44	1	—	1						
46	1	—	1						
54	2	—	2						
55	1	—	1						
Sum	6	1	7						

23. New Zealand.
Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
34	—	1	1	46	2	1	3
35	5	2	7	48	2	2	4
36	5	5	10	49	—	1	1
37	7	4	11	Sum	71	41	112
38	5	2	7	Average size	{ Males: 40.56 feet		
39	2	1	3		{ Females: 40.51 "		
40	11	7	18		{ Total animals: 40.54 "		
41	6	1	7	Per cent	{ Males: 63.39		
42	8	7	15		{ Females: 36.61		
43	8	3	11				
44	6	1	7				
45	4	3	7				

Table No. 7.—Average production of oil per “blue-whale unit” in the summer season 1955.

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

Geographical areas.	Company.	Blue-whale equivalents.	Oil production.	
			Total.	Average per blue-whale equivalent.
<i>Africa:—</i>			Barrels. ¹⁾	Barrels. ¹⁾
Natal.....	No. 1	293.4	28,759	98.0
<i>Brazil</i>	No. 1	1.9	230	121.1
	" 2	35.9	3,285	91.5
Total		37.8	3,515	93.0
<i>North Atlantic and Arctic:—</i>				
Spain.....	No. 1	18.0	689	38.3
	" 2	²⁾ —	—	—
Norway	" 1	47.9	2,947	61.5
	" 2	45.5	2,490	54.7
	" 3	14.7	776	52.8
Faroe Islands.....	" 1	42.8	2,150	50.2
Iceland	" 1	150.3	12,129	80.7
West Greenland	" 1	12.5	373	29.8
Total		331.7	21,554	65.0
<i>Pacific North:—</i>				
British Columbia	No. 1	109.0	6,880	63.1
Bering Sea, pelagic	" 1	800.3	64,012	80.0
Kamtschatka, pelagic	" 1	51.4	2,879	56.0
Kuril Islands	" 1	171.5	7,655	44.6
Japan	" 1	66.3	2,406	36.3
	" 2	167.6	4,806	28.7
	" 3	33.7	894	26.5
	" 4	12.2	338	27.7
	" 5	11.2	397	35.5
Total		1,423.2	90,267	63.4
<i>Peru</i>	No. 1	} 12.5	668	53.4
	" 2			
	" 3			
<i>Chile</i>	No. 1	283.1	13,379	47.3
	" 2	56.7	3,800	67.0
Total		339.8	17,179	50.6
<i>Australia</i>	No. 1	48.0	6,867	143.1
	" 2	240.0	33,000	137.5
	" 3	200.0	25,364	126.8
	" 4	200.0	24,900	124.5
	" 5	50.4	6,003	119.1
Total		738.4	96,134	130.2
<i>New Zealand</i>	No. 1	44.8	5,020	112.1

¹⁾ Barrel = 170 kg. (Barrel = abt. 1/6 long ton, 1 long ton = 1,016 kg.) ²⁾ No specification of species received.

**Table No. 8.—Average production of oil per sperm-whale
in the summer season 1955.**

Geographical areas.	Company.	Number of sperm-whales.	Oil production.	
			Total.	Average per sperm-whale.
			Barrels. ¹⁾	Barrels. ¹⁾
<i>Africa:—</i>				
Natal	No. 1	602	16,447	27.3
South Atlantic, pelagic	„ 1	39	835	21.4
Total		641	17,282	27.0
<i>Brazil</i>	No. 1	1	15	15.0
<i>North Atlantic and Arctic:—</i>				
Azores	No. 1	664	15,871	23.9
Madeira	„ 1	175	4,287	24.5
Spain	„ 1	94	1,242	13.2
	„ 2	64	1,833	28.6
Norway	„ 1	24	870	36.3
	„ 2	20	1,200	60.0
Faroe Islands	„ 1	69	3,245	47.0
Iceland	„ 1	20	1,100	55.0
West Greenland	„ 1	9	396	44.0
Total		1,139	30,044	26.4
<i>Pacific North:—</i>				
British Columbia	No. 1	320	11,284	35.3
Bering Sea, pelagic	„ 1	582	25,353	43.6
	„ 2	498	22,552	45.3
Kamtchatka, pelagic	„ 1	984	35,369	35.9
Kuril Islands	„ 1	1,453	36,324	25.0
Japan	„ 1	657	11,003	16.8
	„ 2	290	6,176	21.3
	„ 3	179	2,241	12.5
	„ 4	224	2,864	12.8
	„ 5	156	3,296	21.1
Total		5,343	156,462	29.3
<i>Peru</i>	No. 1	} 1,869	30,667	16.4
	„ 2			
	„ 3			
<i>Chile</i>	No. 1	442	10,062	22.8
	„ 2	304	8,867	29.2
Total		746	18,929	25.4
<i>Australia</i>	No. 1	7	243	34.7

¹⁾ Barrel = 170 kg. (Barrel = abt. 1/6 long ton, 1 long ton = 1,016 kg.)

Table No. 9.—Whale fetuses measured in the summer season 1955.
Blue-whale fetuses.

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>West Greenland.</i>	10/9	92	8' 2"	F	<i>Bering Sea</i>	26/6	82	3' 10"	F
					(cont.).	27/6	81	5' 6"	M
<i>British Columbia.</i>						29/6	81	9' 11"	M
Average length of foetuses: 5' 4"	19/4 5/6	76 72	3' 7" 7' 0"	F F	<i>Chile.</i>				
<i>Bering Sea.</i>					Average length of foetuses: 7' 11"	14/1	76	3' 11"	M
Average length of foetuses: 6' 4"	1/6 3/6 4/6 25/6 "	84 85 81 80 78	6' 2" 6' 0" 9' 2" 6' 1" 3' 9"	F F M M F		20/1 29/1 5/2 13/2 21/2 26/2 "	73 75 81 76 80 80 77	6' 7" 5' 11" 5' 3" 6' 11" 5' 7" 11' 2" 18' 1"	M M M M F M F

Fin-whale fetuses.

<i>Natal.</i>	20/8	73	9' 0"	M	<i>British Columbia</i>	11/8	63	7' 0"	F
					(cont.).	19/8	67	10' 5"	F
<i>Norway.</i>	7/6	58	1' 0"	F		22/9	65	13' 10"	M
<i>Faroe Islands.</i>					<i>Bering Sea.</i>				
Average length of foetuses: 5' 1"	22/5 27/5 1/6 3/6 10/6 21/6 26/6 12/7 19/8 27/9	62 68 64 62 64 64 68 65 61 67	1' 6" 3' 0" 3' 0" 2' 6" 4' 0" 3' 0" 4' 6" 6' 0" 9' 0" 14' 0"	M M F F M F M M M M	Average length of foetuses: 7' 6"	27/5 " " 29/5 30/5 31/5 1/6 3/6 " " 4/6 " 6/6 9/6 11/6 " " " 12/6 " " 13/6 " 15/6 " " 16/6 " 17/6 18/6 27/6 30/6	65 66 62 68 66 65 64 63 62 60 61 62 64 68 65 62 64 67 68 69 61 68 64 66 66 69 65 66 61 63 63 65	5' 3" 2' 6" 4' 1" 2' 5" 5' 4" 5' 5" 3' 6" 4' 4" 2' 1" 1' 1" 2' 2" 6' 9" 4' 9" 2' 11" 4' 2" 0' 6" 3' 8" 3' 2" 5' 5" 6' 10" 6' 9" 5' 4" 5' 8" 2' 5" 4' 9" 6' 5" 5' 9" 2' 5" 1' 2" 5' 6" 5' 8" 5' 5" 2' 7"	M M F F M M M M F F M M M M M M M M M F F F F F F M M M M F M F M F
<i>Iceland.</i>									
Average length of foetuses: 4' 5"	5/6 14/6 1/7 12/7 19/7	61 67 64 65 63	1' 0" 7' 0" 3' 0" 3' 0" 8' 0"	M F M M M					
<i>West Greenland.</i>									
Average length of foetuses: 5' 9"	21/6 11/8 30/9	70 70 72	2' 6" 8' 2" 6' 6"	M F F					
<i>British Columbia.</i>									
Average length of foetuses: 5' 4"	18/4 21/4 27/4 1/5 10/5 27/5 5/6 15/6 20/7	69 63 65 60 63 60 67 61 63	3' 6" 1' 8" 4' 0" 2' 6" 2' 1" 3' 7" 4' 5" 3' 8" 7' 7"	M F F M F F F F M					

Table No. 9 (continued).

Geographical areas.	Date when measured.	Length.		Sex.	Geographical areas.	Date when measured.	Length.		Sex
		Mother.	Foetus.				Mother.	Foetus.	
<i>Bering Sea</i> (cont.).	1/7	64	6' 5"	M	<i>Bering Sea</i> (cont.).	12/7	65	7' 7"	M
	3/7	63	6' 10"	F		69	6' 7"	F	
	"	64	7' 8"	F		13/7	63	5' 8"	F
	"	62	8' 11"	F		"	63	9' 4"	M
	"	62	3' 5"	F		14/7	68	6' 4"	M
	"	66	3' 1"	M		"	66	7' 5"	M
	"	62	3' 0"	M		"	64	8' 10"	M
	"	61	4' 8"	F		15/7	63	7' 11"	F
	"	64	5' 4"	F		"	61	5' 10"	M
	"	62	4' 11"	F		"	68	7' 0"	M
	"	60	5' 5"	F		16/7	61	8' 1"	F
	4/7	65	6' 3"	M		"	65	7' 0"	F
	"	67	6' 0"	M		"	67	4' 7"	M
	"	62	5' 2"	F		"	58	6' 9"	M
	"	66	6' 5"	M		17/7	60	5' 5"	M
	"	66	5' 3"	F		"	65	4' 6"	M
	"	61	3' 0"	M		"	66	8' 0"	M
	"	69	7' 9"	M		"	66	7' 2"	F
	"	62	5' 11"	M		"	64	7' 10"	M
	"	62	5' 4"	M		"	66	10' 4"	F
	"	68	7' 5"	F		"	65	7' 6"	M
	5/7	61	3' 6"	M		18/7	66	8' 7"	M
	"	63	4' 4"	M		"	66	8' 4"	M
	"	64	7' 11"	F		"	64	3' 11"	F
	"	61	7' 11"	F		"	66	7' 8"	F
	"	60	2' 8"	M		"	66	6' 2"	M
	"	66	4' 7"	F		19/7	65	4' 2"	M
	"	61	7' 5"	F		"	65	11' 11"	M
	"	70	7' 7"	F		"	65	8' 0"	M
	"	62	8' 3"	M		"	63	10' 2"	M
	6/7	65	6' 5"	M		21/7	64	4' 0"	M
	"	63	2' 8"	F		"	63	7' 7"	M
	7/7	70	9' 10"	F		22/7	63	7' 3"	M
	"	66	8' 5"	M		"	61	3' 5"	F
	"	67	1' 10"	M		"	64	6' 5"	M
	8/7	64	5' 6"	M		"	66	8' 8"	F
	"	61	3' 2"	M		"	68	6' 11"	F
	9/7	64	6' 11"	M		23/7	66	5' 8"	F
	"	64	3' 7"	F		"	64	4' 7"	F
	"	63	2' 1"	F		"	66	6' 10"	M
	"	68	9' 10"	M		"	62	7' 3"	F
	"	67	4' 10"	F		"	65	6' 0"	F
	10/7	65	5' 5"	M		"	66	4' 0"	M
	"	63	5' 7"	M		"	62	3' 5"	F
	"	60	5' 6"	F		"	62	6' 5"	M
	"	68	5' 5"	M		"	67	8' 0"	F
	"	74	7' 2"	M		"	64	9' 7"	F
"	58	5' 1"	F	24/7	62	7' 1"	M		
"	58	3' 6"	M	"	60	6' 1"	F		
11/7	66	4' 9"	M	25/7	64	7' 6"	F		
"	64	8' 5"	M	"	63	7' 2"	M		
"	64	10' 0"	M	"	64	1' 6"	F		
"	69	3' 9"	M	"	63	1' 3"	F		
"	66	7' 3"	F	"	68	9' 1"	M		
"	60	3' 1"	M	26/7	62	11' 2"	M		
"	63	5' 6"	M	"	59	4' 7"	M		
12/7	64	8' 5"	F	"	61	3' 8"	F		
"	62	3' 0"	F	"	65	8' 1"	M		

Table No. 9 (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>Bering Sea</i> (cont.).	27/7	66	8' 4"	M	<i>Bering Sea</i> (cont.).	3/9	68	11' 5"	F
	"	64	10' 0"	M		"	67	14' 11"	F
	"	62	6' 9"	M		"	66	8' 9"	M
	"	62	4' 4"	F		"	62	9' 6"	F
	"	66	10' 4"	F		"	63	7' 2"	M
	"	65	7' 3"	M		"	64	8' 9"	F
	28/7	61	8' 0"	F		"	65	9' 4"	F
	"	67	8' 7"	M		"	65	12' 0"	M
	"	64	4' 0"	F		"	64	10' 4"	F
	"	62	9' 2"	M		"	62	11' 6"	F
	"	63	5' 10"	M		"	58	10' 5"	F
	"	62	10' 6"	F		"	63	9' 6"	F
	29/7	64	8' 7"	M		"	68	12' 6"	M
	"	62	8' 7"	F		"	64	12' 8"	F
	"	60	9' 8"	M		"	69	12' 3"	M
	"	62	3' 2"	F		"	66	13' 1"	M
	"	65	7' 1"	M		"	61	11' 5"	F
	"	61	7' 7"	M		"	66	9' 4"	M
	30/7	64	9' 10"	M		"	64	11' 3"	M
	"	65	4' 6"	M		"	65	10' 4"	M
	"	61	5' 3"	F		"	69	11' 1"	M
	31/7	63	8' 6"	F		"	64	12' 10"	F
	1/8	63	10' 0"	M		"	59	10' 7"	M
	"	63	10' 8"	F		"	67	17' 2"	F
	"	63	10' 5"	F		"	61	11' 8"	F
	"	61	5' 8"	F		"	58	13' 4"	M
	"	63	8' 8"	F		"	67	7' 6"	M
	"	65	8' 2"	M		"	65	8' 3"	F
	"	65	4' 1"	F		"	63	13' 6"	F
	"	67	8' 5"	M		"	66	14' 9"	M
	2/8	59	8' 6"	F		"	58	10' 11"	M
	"	68	9' 7"	F		"	67	11' 5"	F
	"	66	8' 3"	F		"	67	13' 5"	F
	"	61	7' 11"	F		"	63	5' 4"	F
	"	63	7' 2"	F		"	71	13' 3"	M
	"	68	10' 4"	F		"	64	4' 6"	M
	20/8	61	3' 8"	F		"	60	7' 3"	F
	26/8	65	11' 6"	F		"	60	10' 4"	F
	"	64	6' 5"	M		"	62	11' 10"	M
	"	64	7' 9"	M		"	68	13' 9"	F
	28/8	65	13' 11"	M		"	67	12' 2"	M
	"	65	13' 10"	M		"	62	10' 9"	M
	"	66	14' 10"	F		"	64	7' 8"	M
	"	63	9' 4"	F		"	62	8' 11"	M
	"	61	9' 1"	F		"	60	12' 9"	F
	29/8	67	15' 7"	F		"	62	8' 9"	F
	"	63	6' 9"	F		"	61	12' 6"	M
	"	64	11' 11"	M		"	66	8' 8"	F
	"	65	12' 11"	M		"	63	12' 6"	F
	30/8	68	13' 1"	M		"	60	7' 5"	M
"	64	13' 9"	F	"	61	12' 1"	F		
2/9	64	8' 0"	M	"	65	8' 1"	M		
"	67	11' 1"	M	"	61	5' 7"	M		
"	66	5' 1"	F						
3/9	65	7' 3"	M						
"	65	12' 0"	M	<i>Japan</i>	11/7	65	6' 5"	M	
"	66	12' 0"	M						

Table No. 9 (continued).

Geographical areas.	Date when measured.	Length.		Sex.	Geographical areas.	Date when measured.	Length.		Sex.	
		Mother.	Foetus.				Mother.	Foetus.		
<i>British Columbia</i> (cont.).	27/4	47	1' 11"	M	<i>Bering Sea.</i> Average length of foetuses: 4' 6"	22/7	46	5' 0"	M	
	29/4	47	2' 2"	M		31/5	48	2' 7"	M	
	3/5	49	1' 4"	M		1/6	48	4' 8"	F	
	8/5	45	2' 6"	M		"	50	3' 8"	M	
	"	45	1' 1"	M		"	50	5' 7"	M	
	25/5	47	1' 11"	M		11/6	46	5' 6"	M	
	2/6	49	2' 10"	F		1/7	47	4' 10"	M	
	9/6	47	3' 7"	M		<i>Japan.</i> Average length of foetuses: 6' 2"	31/5	45	4' 0"	M
	15/6	46	4' 10"	F			7/6	46	6' 0"	F
	22/6	46	4' 3"	F			8/6	43	4' 0"	F
	26/6	51	4' 7"	M			23/6	39	8' 0"	M
	28/6	48	5' 0"	M			1/7	48	5' 1"	M
	5/7	47	5' 0"	F			5/8	48	7' 3"	F
	8/7	45	2' 6"	F			20/9	46	8' 9"	F
	11/7	46	4' 10"	M						
			4' 6"	M						

Sperm-whale foetuses.

<i>Natal.</i> Average length of foetuses: 5' 9"	20/4	35	2' 6"	F	<i>British Columbia</i> (cont.). <i>Japan.</i> Average length of foetuses: 7' 2"	5/6	34	0' 3"	M
	21/4	35	3' 0"	M		1/4	36	11' 0"	M
	7/5	36	4' 6"	F		"	35	11' 0"	F
	10/5	35	3' 10"	F		9/4	36	10' 5"	M
	"	35	5' 0"	F		10/4	35	9' 0"	M
	22/5	35	3' 0"	M		11/4	35	9' 8"	F
	"	35	5' 0"	M		13/4	35	8' 8"	F
	28/5	35	6' 0"	F		"	35	7' 0"	M
	"	35	3' 0"	M		14/4	35	9' 0"	M
	7/6	37	4' 0"	M		19/4	35	10' 0"	F
	10/6	35	5' 6"	M		20/4	35	9' 5"	F
	17/6	35	3' 6"	F		26/4	36	11' 0"	M
	25/6	35	6' 0"	M		27/4	36	10' 0"	F
	27/6	35	4' 0"	M		11/5	35	10' 2"	F
	"	35	8' 0"	M		30/5	36	9' 9"	F
	"	36	5' 0"	M		"	36	8' 8"	F
	6/7	36	9' 0"	F		3/6	35	12' 3"	F
	16/7	36	7' 0"	M		"	36	8' 5"	F
	"	36	9' 0"	M		"	36	9' 8"	M
	"	36	10' 0"	M		"	36	12' 6"	M
	10/8	36	7' 6"	F		4/6	35	11' 0"	F
	12/8	36	3' 0"	F		5/6	35	9' 0"	M
	13/8	28	6' 0"	F		11/6	36	9' 0"	F
	18/8	28	8' 0"	M		14/6	36	12' 3"	F
	3/9	35	8' 0"	M		21/6	35	14' 3"	F
	16/9	36	6' 0"	M		22/6	36	13' 5"	M
	"	35	8' 6"	M		1/7	35	11' 7"	M
	"	35	7' 9"	F		2/7	36	12' 6"	F
	"	35	8' 0"	F		3/7	35	1' 1"	M
<i>Africa, pelagic.</i>	3/12	35	7' 0"	F	9/7	37	0' 11"	M	
					28/7	35	1' 5"	F	
					"	36	12' 2"	M	
					3/8	35	11' 6"	F	
					7/8	37	13' 0"	F	
<i>British Columbia.</i> Average length of foetuses: 6' 8"	14/4	39	9' 6"	F	8/8	35	1' 7"	F	
	"	37	8' 0"	F					
	"	36	9' 0"	F					
	"	36	9' 0"	F					

Table No. 9 (continued).

Geographical areas.	Date when measured.	Length.		Sex.	Geographical areas.	Date when measured.	Length.		Sex.	
		Mother.	Foetus.				Mother.	Foetus.		
<i>Japan</i> (cont.).	16/8	36	8' 0"	M	<i>Japan</i> (cont.).	18/10	36	4' 6"	M	
	19/8	36	13' 3"	F		22/10	35	5' 4"	M	
	22/8	37	6' 0"	M		"	36	3' 1"	M	
	23/8	36	12' 2"	M		23/10	35	2' 6"	F	
	5/9	36	2' 11"	M		24/10	36	4' 1"	M	
	6/9	35	2' 7"	M		"	36	4' 8"	M	
	8/9	36	2' 3"	F		25/10	36	4' 8"	M	
	11/9	35	1' 6"	M		"	36	4' 8"	F	
	"	35	13' 6"	F		5/11	36	2' 1"	M	
	14/9	35	3' 0"	M		"	36	3' 5"	F	
	18/9	37	3' 7"	M		8/11	36	3' 1"	M	
	25/9	39	2' 4"	M		15/11	35	3' 0"	M	
	26/9	35	2' 10"	M		20/11	35	3' 2"	M	
	28/9	35	4' 8"	F		<i>Chile.</i> Average length of foetuses: 4' 9"	17/5	36	3' 7"	F
	"	37	10' 8"	M			10/6	35	5' 11"	F
	"	35	3' 8"	F			"	35	3' 7"	M
	30/9	36	3' 9"	M			24/6	35	6' 11"	F
	17/10	37	3' 0"	F			27/6	35	3' 7"	F
18/10	36	3' 9"	M							

