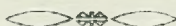


DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL  
WHALING STATISTICS

XLII

EDITED BY  
THE COMMITTEE FOR WHALING STATISTICS



OSLO 1959

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GRØNDAHL & SØN, OSLO

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## PREFACE

The present publication, International Whaling Statistics No. XLII, embraces the results of the Antarctic whaling during the season 1957-58.

The statistical data in this publication are based on the reports sent in to the Bureau of International Whaling Statistics.

By request of the International Whaling Commission the Bureau of International Whaling statistics in this volume has divided the pelagic whaling in the Antarctic in 6 areas as against previously 5. Tables *l* and *m* have therefore been revised accordingly from and including the season 1931-32.

Oslo, February 1959.

*Gunnar Jahn.*

*Birger Bergersen.*

*Einar Vangstein.*



## INTRODUCTION

During the Antarctic season 1957-58 6 countries carried on whaling with 20 floating factories, 2 shore stations and 257 catchers. The whaling matériel employed belonged to the participating countries as follows:—

Norway .....	9 floating factories,	94 catchers
United Kingdom ....	3 " " 1 shore station,	45 "
Japan .....	6 " "	68 "
The Netherlands.....	1 " "	14 "
U.S.S.R. ....	1 " "	24 "
Argentina .....	1 " "	12 "
Total .....	20 floating factories, 2 shore stations,	257 catchers

This is one shore station less, but 11 catchers more than during the season 1956-57. A Japanese company in 1957 bought the former South African floating factory "Abraham Larsen". This floating factory, which has been renamed "Nisshin Maru No. 2", was operating under Japanese flag during the last season. In 1957-58 whaling was not carried on from the Norwegian shore station in Husvik Harbour on South Georgia.

All the countries participating in the Antarctic pelagic whaling season 1957-58 have ratified the International Whaling Convention.

At the meeting of the International Whaling Commission in London in 1957 it was agreed to maintain the maximum quota of 14,500 blue-whale units for the season 1957-58.

The most important regulations concerning pelagic whaling during the season 1957-58 were as follows:—

1. The open season for the taking of fin- and sei-whales was from January 7th.
2. The open season for the taking of blue-whales was from February 1st.
3. The open season for taking of humpback whales was February 1st, 2nd, 3rd and 4th.
4. The season was open for the taking of baleen whales until the agreed quota of blue-whale units was reached, but not longer than to April 7th included.
5. The number of baleen whales taken during the open season in any waters south of 40° South Latitude by whale catchers attached to



**Table a.—Weekly catch of whales in blue-whale units,**  
according to telegraphic reports from the whaling grounds.

Season 1955—56.		Season 1956—57.		Season 1957—58.	
Week ending	Number of blue-whale units	Week ending	Number of blue-whale units	Week ending	Number of blue-whale units
7/1	322	7/1—12/1	1,697	7/1—11/1	1,094
14/1	1,806	19/1	1,552	18/1	1,730
21/1	1,903	26/1	1,325	25/1	1,387
28/1	1,668	2/2	1,525	1/2	1,335
4/2	2,006	9/2	1,829	8/2	1,729
11/2	1,691	16/2	2,069	15/2	1,580
18/2	1,868	23/2	1,578	22/2	1,372
25/2	1,683	2/3	1,239	1/3	1,496
26/2—4/3	1,913	9/3	892	8/3	1,333
		16/3	1,028	9/3—16/3	1,783
<b>Total</b> 7/1—4/3 (58 days)	<b>14,860</b>	<b>Total</b> 7/1—16/3 (69 days)	<b>14,734</b>	<b>Total</b> 7/1—16/3 (69 days)	<b>14,839</b>

factory ships was not to exceed 14,500 blue-whale units. (As one blue-whale unit is reckoned 1 blue-whale or 2 fin-whales or 2½ humpbacks or 6 sei-whales.)

6. It was forbidden to take:

blue-whales	under 70 feet	
fin-whales	„	57 „
sei-whales	„	40 „
humpbacks	„	35 „

Further it was forbidden to kill grey-whales, right-whales or female whales accompanied by a calf. The Convention also contained a provision enjoining full utilization of whales.

7. The taking of humpback whales was prohibited between 0° and 70° West.
8. The open season for sperm-whales was 8 months and the minimum size limit was 38 feet.
9. Notification should be given within two days after the end of each calendar week, of data on the number of blue-whale units taken in any waters south of 40° South Latitude by all whale catchers attached to factory ships under the jurisdiction of each Contracting Government; provided that when the number of blue-whale units was deemed by the Committee for International Whaling Statistics to have reached 13,000, notification should be given, as aforesaid, at the end of each day, of data on the number of blue-whale units taken.

**Table b.—Number and gross tonnage of floating factories and catchers engaged in pelagic whaling in the Antarctic 1943/44—1957/58.**

Seasons	Floating factories			Catchers			
	Number	Gross tonnage	Average gross tonnage per fl. factory	Number	Gross tonnage	Average per catcher of:	
						Gross tonnage	I.H.P.
1943-44....	1	12,215	12,215	8	2,480	310	1,013
1944-45....	1	14,362	14,362	8	2,480	310	1,013
1945-46....	9	123,499	13,722	77	24,326	316	1,190
1946-47....	15	198,179	13,212	129	42,307	328	1,233
1947-48....	17	234,759	13,809	162	56,156	347	1,302
1948-49....	18	254,406	14,134	191	76,272	399	1,501
1949-50....	18	257,112	14,284	216	91,499	424	1,582
1950-51....	19	271,646	14,297	239	108,493	454	1,705
1951-52 <sup>1)</sup> ..	19	289,120	15,217	263	124,374	473	1,774
1952-53....	16	238,448	14,903	230	113,608	494	1,862
1953-54....	17	261,898	15,406	206	102,525	498	1,874
1954-55....	19	286,205	15,063	233	119,011	511	1,933
1955-56....	19	305,765	16,093	257	131,881	513	1,945
1956-57....	20	320,268	16,013	225	122,569	545	2,073
1957-58....	20	321,656	16,083	237	135,024	570	2,190

<sup>1)</sup> Excl. fl.f. "Baikal Maru" with 5 catchers. Catch of sperm-whales only.

The land stations on South Georgia were allowed a 6 months' consecutive catching period, and were otherwise subject to the same provisions as stated in paragraphs 6 and 8 above, except that the minimum size limit for sperm-whales was 35 feet.

Table *a*, page 8, gives a survey of the weekly catch of baleen whales converted into blue-whale units during the last 3 seasons in accordance with the telegraphic reports from the grounds.

Pursuant to the regulations laid down in the International Convention the Committee for International Whaling Statistics received weekly reports of the catch in blue-whale units from the opening of the baleen whale season until the total catch amounted to about 13,000 units. From that time daily reports were sent in. Per March 11th the total catch amounted to 13,707 blue-whale units, and the Committee fixed the closing date for March 16th, midnight. On March 12th the expeditions were notified accordingly.

As it will be seen from table *a* the total catch during the season 1957-58, according to the telegraphic reports, amounted to 14,839 blue-whale units or 339 units more than the permissible maximum quota. The highest weekly catch in blue-whale units during this season was 1,730, while the lowest was 1,333. The corresponding highest and lowest figures for the preceding season 1956-57 were 2,069 and 892 units, respectively.

By examining the statistical data provided by the companies after the return from the whaling grounds, the total catch of the pelagic expeditions amounted to 35,997 whales, of which 180 were lost. Thus the number of

whales actually processed was 25,817, as will be seen from the figures below:—

Season 1957—58 Species of whales	Captured whales	Of which lost whales	Processed whales	Catch in blue-whale units
Blue-whales . . . . .	1,684	1	1,683	1,684.0
Fin-whales . . . . .	25,222	155	25,067	12,611.0
Humpbacks . . . . .	396	—	396	158.4
Sei-whales . . . . .	2,385	10	2,375	397.5
<hr/>				
Total baleen whales . . . . .	29,687	166	29,521	14,850.9
Sperm-whales . . . . .	6,310	14	6,296	—
<hr/>				
Total of whales <sup>1)</sup> . . . . .	35,997	180	25,817	14,850.9

<sup>1)</sup> In addition 493 Minke-whales and 75 killer-whales were taken,

The baleen whales caught by the pelagic expeditions amounted to 14,850.9 blue-whale units or 350.9 units more than the permissible maximum quota. In this figure is included 1 blue-whale, 7 fin-whales and 1 hump-back (totalling 4.9 blue-whale units) killed, and 1 dead blue-whale found before the official opening of the season. Of the 7 fin-whales mentioned, 4 were caught for scientific purpose and 3 were killed for fenders.

Regulations in regard to maximum quotas for pelagic expeditions were adopted in 1944. The season 1947—48 was the first one during which the operations were called off before the official closing date, because the quota agreed upon had been reached. In the statement below the actual catch, converted into blue-whale units, is compared with the quota agreed upon during each of the seasons 1947/48—1957/58:

Season	Catch in blue-whale units	Agreed quota	Actual catch higher (plus), lower (minus) than agreed quota
1947—48 . . . . .	16,364.3	16,000	plus 2.28 per cent
1948—49 . . . . .	16,007.4	16,000	„ 0.05 „ „
1949—50 . . . . .	16,062.1	16,000	„ 0.39 „ „
1950—51 . . . . .	16,416.2	16,000	„ 2.60 „ „
1951—52 . . . . .	16,007.7	16,000	„ 0.05 „ „
1952—53 . . . . .	14,866.6	16,000	minus 7.08 „ „
1953—54 . . . . .	15,456.4	15,500	„ 0.28 „ „
1954—55 . . . . .	15,323.5	15,500	„ 1.14 „ „
1955—56 . . . . .	14,874.3	15,000	„ 0.84 „ „
1956—57 . . . . .	14,745.2	14,500	plus 1.69 „ „
1957—58 . . . . .	14,850.9	14,500	„ 2.42 „ „
<hr/>			
Total . . . . .	170,974.6	171,000	minus 0.02 per cent

From and including 1947-48 a total catch of 171,000 blue-whale units has been permitted, while the actual catch has amounted to 170,974.6 units. This means that the catch during the 11 seasons mentioned has been about 25 units or 0.02 per cent lower than the permissible maximum quota.

The duration of the whaling period for the pelagic operations in 1957-58 was identical with that of the preceding season. During both seasons whaling opened on January 7th and closed on March 16th, i.e. after 69 days' activity. The whaling period and number of catching days for the pelagic baleen whaling operations from and including the season 1945-46 will be seen from the following survey:—

Season		Catching days
1945-46.....	November 24th-March 24th	121
1946-47.....	December 8th-April 7th	121
1947-48.....	December 8th-March 31st	115
1948-49.....	December 15th-March 26th	102
1949-50.....	December 22nd-March 15th	84
1950-51.....	December 22nd-March 9th	78
1951-52.....	January 2nd-March 5th	64
1952-53.....	January 2nd-March 16th	74
1953-54.....	January 2nd-March 18th	76
1954-55.....	January 7th-March 19th	72
1955-56.....	January 7th-March 4th	58
1956-57.....	January 7th-March 16th	69
1957-58.....	January 7th-March 16th	69

The whaling period for blue-whales was until and including the season 1952-53 the same as the period for fin-whales. From and including the season 1953-54 the whaling period and the number of catching days for blue-whales have been as follows:—

1953-54 .....	January 16th-March 18th	62
1954-55 .....	January 21st-March 19th	58
1955-56 .....	February 1st-March 4th	33
1956-57 .....	February 1st-March 16th	44
1957-58 .....	February 1st-March 16th	44

The humpback in the Antarctic was practically preserved between 1938 and 1949. At the meeting of the International Whaling Commission in 1949 a quota of 1250 humpbacks per season was decided upon. While the Commission fixed the opening date for the humpback catch, it was left to the Committee of International Whaling Statistics to decide the closing date. However, a definite date proved to be a very difficult matter to decide, and from

Table c.—Total Antarctic.

Years.	Species of whales caught.						Total of whales.	Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.			Shore stations.	Floating factories.	Catchers.	
								Barrels.				
1919-20	1,874	3,213	261	71	8	<sup>1)</sup> 14	5,441	272,817	6	6	44	124
1920-21	2,617	5,491	260	36	31	<sup>1)</sup> 13	8,448	390,627	6	8	47	180
1921-22	4,416	2,492	9	103	3	—	7,023	452,517	6	8	46	153
1922-23	5,683	3,677	517	10	23	—	9,910	614,547	6	13	60	165
1923-24	3,732	3,035	233	193	66	<sup>1)</sup> 12	7,271	464,678	6	14	66	110
1924-25	5,703	4,366	359	1	59	—	10,488	697,091	6	13	65	161
1925-26	4,697	8,916	364	195	37	<sup>1)</sup> 10	14,219	783,307	6	15	70	203
1926-27	6,545	5,102	189	778	39	<sup>1)</sup> 12	12,665	872,362	6	17	80	158
1927-28	8,334	4,459	23	883	72	<sup>1)</sup> 4	13,775	1,037,392	6	18	84	164
1928-29	12,734	6,689	48	808	62	—	20,341	1,631,340	6	26	111	183
1929-30	17,898	11,614	853	216	73	<sup>1)</sup> 1	30,655	2,546,759	6	38	194	158
1930-31	29,410	10,017	576	145	51	<sup>1)</sup> 2	40,201	3,608,348	6	41	232	173
1931-32	6,488	2,871	184	16	13	—	9,572	808,560	2	5	45	213
1932-33	18,891	5,168	159	2	107	—	24,327	2,456,462	1	17	118	206
1933-34	17,349	7,200	872	—	666	—	26,087	2,395,544	2	19	126	207
1934-35	16,500	12,500	1,965	266	577	—	31,808	2,453,999	2	23	153	208
1935-36	17,731	9,697	3,162	2	399	—	30,991	2,436,338	2	24	175	177
1936-37	14,304	14,381	4,477	490	926	<sup>1)</sup> 1	34,579	2,658,108	2	30	196	176
1937-38	14,923	28,009	2,079	161	867	—	46,039	3,340,330	2	31	256	180
1938-39	14,081	20,784	883	22	2,585	<sup>1)</sup> 1	38,356	2,820,771	2	34	281	136
1939-40	11,480	18,694	2	81	1,938	<sup>2)</sup> 705	32,900	2,544,253	2	28	240	137
1940-41	4,943	7,831	2,675	110	804	—	16,363	1,100,008	1	11	93	176
1941-42	59	1,189	16	52	109	—	1,425	77,819	2	—	12	119
1942-43	125	776	—	73	24	—	998	50,960	1	—	6	166
1943-44	339	1,158	4	197	101	—	1,799	132,001	1	1	15	120
1944-45	1,042	1,666	60	78	45	—	2,891	223,540	1	1	15	193
1945-46	3,606	9,185	238	85	273	—	13,387	818,652	3	9	93	144
1946-47	9,192	14,547	29	393	1,431	<sup>1)</sup> 1	25,593	1,939,742	3	15	147	174
1947-48	6,908	21,141	26	621	2,622	—	31,318	2,104,051	3	17	183	171
1948-49	7,625	19,123	31	578	4,078	—	31,435	2,219,621	3	18	212	148
1949-50	6,182	20,060	2,143	1,284	2,727	—	32,396	2,166,489	3	18	237	137
1950-51	7,048	19,456	1,638	886	4,968	<sup>3)</sup> 1	33,997	2,303,690	3	19	260	131
1951-52	5,130	22,527	1,556	530	5,485	<sup>4)</sup> 9	35,237	2,479,180	3	20	289	122
1952-53	3,870	22,867	963	621	2,332	—	30,653	2,118,097	3	16	251	122
1953-54	2,697	27,659	605	1,029	2,879	<sup>4)</sup> 3	34,872	2,285,720	3	17	227	154
1954-55	2,176	28,624	495	569	5,790	—	37,654	2,242,555	3	19	254	148
1955-56	1,614	27,958	1,432	560	6,974	<sup>4)</sup> 42	38,580	2,307,171	3	19	278	139
1956-57	1,512	27,757	679	1,692	4,429	<sup>4)</sup> 46	36,115	2,246,922	3	20	246	147
1957-58	1,690	27,473	396	3,309	6,535	<sup>4)</sup> 493	39,896	2,317,638	2	20	257	155

<sup>1)</sup> Right-whales. <sup>2)</sup> 703 " Baleen-whales" no specification given. <sup>3)</sup> 2 right-whales. <sup>4)</sup> Bottlenose. <sup>5)</sup> Minke-whales.

1949-50 and including 1952-53 the average catch per season amounted to 1,560 animals. At the meeting of the Commission in 1953 the open season for the taking of humpbacks was fixed at 4 days, i.e. from February 1st to February 4th, both days included. Since the 4 days' catching period was decided upon, from and including the season 1952-54, a total of 2,594 humpbacks have been killed by the pelagic expeditions in the Antarctic, i.e. about 720 per season.

Table d.—Pelagic whaling in the Antarctic.<sup>1</sup>

Years.	Species of whales caught.						Total of whales.	Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.			Shore stations.	Floating factories.	Catchers.	
1919-20	887	1,540	182	—	—	—	2,609	Barrels. 125,788	—	6	18	145
1920-21	1,761	2,848	157	—	—	—	4,766	213,490	1	8	26	183
1921-22	1,846	1,782	—	—	—	—	3,628	203,475	1	8	26	140
1922-23	2,114	2,232	197	—	4	—	4,547	266,994	1	12	37	123
1923-24	1,805	1,657	103	2	17	<sup>2)</sup> 12	3,596	217,215	1	13	43	84
1924-25	2,191	2,347	97	—	35	—	4,670	290,915	1	12	41	114
1925-26	2,842	3,207	128	182	25	<sup>2)</sup> 10	6,394	378,850	1	14	47	136
1926-27	2,856	3,958	189	413	22	<sup>2)</sup> 12	7,450	455,070	1	16	57	131
1927-28	6,209	3,102	23	788	12	<sup>2)</sup> 4	10,138	733,912	1	17	61	166
1928-29	11,174	3,559	33	412	31	—	15,209	1,282,711	1	25	88	173
1929-30	17,410	8,218	807	—	34	—	26,469	2,298,796	1	38	167	158
1930-31	28,325	8,601	510	1	27	<sup>2)</sup> 1	37,465	3,420,410	1	41	205	183
1931-32	6,050	1,136	178	—	3	—	7,367	686,355	—	5	33	223
1932-33	18,624	4,441	159	—	107	—	23,331	2,401,879	—	17	112	208
1933-34	16,813	5,472	780	—	659	—	23,724	2,263,357	—	19	114	208
1934-35	15,944	11,664	1,928	141	556	—	30,233	2,345,858	—	23	143	211
1935-36	16,510	9,177	3,121	2	396	—	29,206	2,293,153	—	24	165	177
1936-37	14,183	13,302	4,460	19	856	<sup>2)</sup> 1	32,821	2,576,479	—	30	184	178
1937-38	14,826	26,457	2,039	6	824	—	44,152	3,250,064	—	31	244	181
1938-39	13,849	19,477	883	3	2,468	<sup>2)</sup> 1	36,681	2,709,281	—	34	270	136
1939-40	11,392	17,757	2	1	1,853	<sup>3)</sup> 704	31,709	2,479,471	—	28	228	139
1940-41	4,936	7,084	2,675	22	778	—	15,495	1,055,510	—	11	88	176
1941-42	—	—	—	—	—	—	—	—	—	—	—	—
1942-43	—	—	—	—	—	—	—	—	—	—	—	—
1943-44	311	526	—	—	—	—	837	82,000	—	1	8	105
1944-45	914	679	—	2	—	—	1,595	148,000	—	1	8	199
1945-46	3,526	7,729	—	3	216	—	11,474	739,775	—	9	77	149
1946-47	8,865	12,877	1	2	1,298	—	23,043	1,794,424	—	15	129	179
1947-48	6,862	18,999	2	12	2,494	—	28,369	1,940,653	—	17	162	175
1948-49	7,399	17,201	13	16	3,865	—	28,494	2,047,427	—	18	191	149
1949-50 <sup>4)</sup>	6,168	18,061	2,117	101	2,570	—	29,017	2,019,368	—	18	216	134
1950-51	6,966	17,474	1,630	367	4,742	<sup>4)</sup> 1	31,180	2,152,498	—	19	239	130
1951-52	5,124	20,520	1,546	32	3,344	<sup>5)</sup> 9	32,575	2,334,805	—	20	268	122
1952-53	3,866	21,197	954	123	2,185	—	28,325	1,998,094	—	16	230	123
1953-54	2,684	24,986	594	251	2,700	<sup>5)</sup> 3	31,218	2,100,884	—	17	206	152
1954-55	2,163	25,878	493	146	5,708	—	34,388	2,061,789	—	19	233	148
1955-56	1,611	25,289	1,432	276	6,881	<sup>5)</sup> 42	35,531	2,134,808	—	19	257	138
1956-57	1,505	25,700	679	712	4,345	<sup>5)</sup> 46	32,987	2,098,854	—	20	225	147
1957-58	1,684	25,222	396	2,385	6,310	<sup>5)</sup> 493	36,490	2,146,206	—	20	237	154

<sup>1)</sup> For the seasons 1919/20-1930/31 the catch in the Ross Sea and from South Shetland and South Orkney is included in the figures for pelagic whaling in the Antarctic. <sup>2)</sup> Right-whales. <sup>3)</sup> 703 "Baleen whales" no specification given, 1 right-whale. <sup>4)</sup> Bottlenose. <sup>5)</sup> Minke-whales.

Table b, page 9, gives the number of floating factories and catchers engaged in pelagic whaling since the season 1943-44, the average gross tonnage of the floating factories and the average gross tonnage and engine power of the catchers. From this table will be seen that the average engine capacity of the catchers increased from 1,302 I.H.P. in 1947-48 to 1,945 in 1955-56, 2,073 in 1956-57 and 2,190 I.H.P. in 1957-58. The survey below gives the number of floating factories, the number of catchers and the number of catchers engaged per floating factory from and including 1945-46:

Season	Number of floating factories	Number of catchers	Average number of catchers per floating factory
1945-46	9	77	8.6
1946-47	15	129	8.6
1947-48	17	162	9.5
1948-49	18	191	10.6
1949-50	18	216	12.0
1950-51	19	239	12.6
1951-52	19	263	13.8
1952-53	16	230	14.4
1953-54	17	206	12.1
1954-55	19	233	12.3
1955-56	19	257	13.5
1956-57	20	225	11.3
1957-58	20	237	11.9

In 1953 a private agreement was acceded to by the Norwegian, British, Japanese and Dutch whaling companies regarding a restriction in the number of catchers. This agreement, with minor alterations, was renewed for the season 1954-55. Negotiations concerning a similar agreement for the season 1955-56 did not, however, lead to any result, but in 1956 and 1957 new whaling agreements were arrived at and acceded to by all the whaling companies operating with pelagic expeditions in the Antarctic, with exception of the Soviet-Russian company. Briefly, the agreements for the 2 seasons 1956-57 and 1957-58 limited the big expeditions to operate with a maximum of 12 catchers and the smaller floating factories with a lower number. One single floating factory was allowed to operate with 14 catchers during both seasons and one floating factory with 13 catchers during the last season. The Soviet-Russian expedition employed 18 catchers in 1956-57 and 24 catchers in 1957-58.

The agreements resulted in a reduction of the average number of catchers per floating factory from 13.5 in 1955-56 to 11.3 in 1956-57 and 11.9 in 1957-58.

The total whaling results in the Antarctic from 1919-20 up to and including 1957-58 are given in table *c*, page 12. In table *d*, page 13, the results of the pelagic whaling during the same period have been recorded separately.

During the season 1957-58 the pelagic expeditions killed a total of 36,490 whales against 32,987 during the previous season. Of these whales 30,180 and 28,642, respectively, were baleen whales. The blue-whale catch amounted to 1,684 or 179 blue-whales more than during the preceding season. In 1957-58 25,222 fin-whales were killed as against 25,700 in 1956-57. During the last season 396 humpbacks were killed as against 679 in

**Table e.—Average production per floating factory and catcher in the pelagic whaling in Antarctic 1930/31—1957/58 (exclusive of the war seasons).**

**I. Floating factories:**

Seasons.	Total production of whale oil.	Total number of fl. fact.	Average production per fl. fact.	Catching days.		Total production per day for the whole fleet.	Average production per floating factory's day-work.
				Total.	Average.		
	Barrels.		Barrels.			Barrels.	Barrels.
1930-31 .....	3,384,048	41	82,538	6,940	169	20,024	488
1931-32 .....	686,193	5	137,239	773	155	4,427	888
1932-33 .....	2,395,042	17	140,885	2,470	145	16,518	970
1933-34 .....	2,225,663	19	117,140	2,298	121	18,394	969
1934-35 .....	2,312,702	23	100,552	2,831	123	18,802	817
1935-36 .....	2,269,524	24	94,564	2,329	97	23,397	974
1936-37 .....	2,527,026	30	84,234	2,881	96	26,323	877
1937-38 .....	3,201,153	31	103,263	3,157	102	31,384	1,014
1938-39 .....	2,564,506	34	75,427	3,273	96	26,714	784
1945-46 .....	728,716	9	80,968	993	110	6,625	734
1946-47 .....	1,728,370	15	115,225	1,667	111	15,571	1,037
1947-48 .....	1,809,560	17	106,445	1,914	113	16,014	945
1948-49 .....	1,844,867	18	102,493	1,818	101	18,266	1,015
1949-50 .....	1,888,968	18	104,943	1,492	83	22,759	1,266
1950-51 .....	1,909,640	19	100,507	1,471	77	24,801	1,298
1951-52 .....	2,054,853	19	108,150	1,216	64	32,107	1,690
1952-53 .....	1,884,207	16	117,763	1,184	74	25,462	1,591
1953-54 .....	1,964,994	17	115,588	1,292	76	25,855	1,521
1954-55 .....	1,780,067	19	93,688	1,356	71	25,071	1,313
1955-56 .....	1,797,069	19	94,583	1,104	58	30,984	1,628
1956-57 .....	1,883,961	20	94,198	1,371	69	27,304	1,374
1957-58 .....	1,845,147	20	92,257	1,381	69	26,741	1,336

**II. Catchers:**

Seasons.	Total production of whale oil.	Total number of catchers.	Average production per catcher.	Catching days.		Average oil production per catcher's day-work.	Average number of whales caught <sup>1)</sup> per catcher's day-work
				Total.	Average per catcher.		
	Barrels.		Barrels.			Barrels.	
1930-31....	3,384,048	200	16,920	33,690	168	100	1.09
1931-32....	686,193	33	20,794	5,149	156	133	1.43
1932-33....	2,395,042	112	21,384	16,150	144	148	1.44
1933-34....	2,225,663	114	19,523	13,725	120	162	1.68
1934-35....	2,312,702	143	16,173	18,143	127	127	1.64
1935-36....	2,269,524	165	13,755	16,173	98	140	1.78
1936-37....	2,527,026	184	13,734	17,656	96	143	1.81
1937-38....	3,201,153	244	13,119	24,897	102	129	1.74
1938-39....	2,564,506	270	9,498	25,954	96	99	1.32
1945-46....	728,716	77	9,464	8,253	107	88	1.36
1946-47....	1,728,370	129	13,398	14,414	112	120	1.51
1947-48....	1,809,560	162	11,170	17,747	110	102	1.46
1948-49....	1,844,867	191	9,659	18,902	99	98	1.30
1949-50....	1,888,968	216	8,745	18,128	84	104	1.46
1950-51....	1,909,640	239	7,990	18,554	78	103	1.42
1951-52....	2,054,853	263	7,813	16,902	64	122	1.61
1952-53....	1,884,207	230	8,192	17,101	74	110	1.53
1953-54....	1,964,994	206	9,539	15,630	76	126	1.82
1954-55....	1,780,067	233	7,640	16,619	71	107	1.73
1955-56....	1,797,069	257	6,992	14,893	58	121	1.92
1956-57....	1,883,961	225	8,373	15,429	69	122	1.85
1957-58....	1,845,147	237	7,785	16,344	69	113	1.82

<sup>1)</sup> Not including sperm-whales.



Table f.—Whales caught in the pelagic whaling. Percentage figures.

Years.	Species of whales caught.					
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
1928-29.....	73.5	23.4	0.2	2.7	0.2	100
1929-30.....	65.8	31.0	3.1	—	0.1	100
1930-31.....	75.6	23.0	1.3	—	0.1	100
1931-32.....	82.1	15.4	2.4	—	0.1	100
1932-33.....	79.8	19.0	0.7	—	0.5	100
1933-34.....	70.9	23.1	3.3	—	2.7	100
1934-35.....	52.7	38.6	6.4	0.5	1.8	100
1935-36.....	56.5	31.4	10.7	—	1.4	100
1936-37.....	43.2	40.5	13.6	0.1	2.6	100
1937-38.....	33.5	59.9	4.6	0.1	1.9	100
1938-39.....	37.8	53.1	2.4	—	6.7	100
1939-40.....	36.7	57.3	—	—	6.0	100
1940-41.....	31.9	45.7	17.3	0.1	5.0	100
1943-44.....	37.2	62.8	—	—	—	100
1944-45.....	57.3	42.6	—	0.1	—	100
1945-46.....	30.7	67.4	—	—	1.9	100
1946-47.....	38.5	55.9	—	—	5.6	100
1947-48.....	24.2	67.0	—	—	8.8	100
1948-49.....	26.0	60.4	—	—	13.6	100
1949-50.....	21.3	62.2	7.3	0.3	8.9	100
1950-51.....	22.3	56.1	5.2	1.2	15.2	100
1951-52.....	15.7	63.0	4.8	0.1	16.4	100
1952-53.....	13.7	74.8	3.4	0.4	7.7	100
1953-54.....	8.6	80.0	1.9	0.8	8.7	100
1954-55.....	6.3	75.3	1.4	0.4	16.6	100
1955-56.....	4.5	71.3	4.0	0.8	19.4	100
1956-57.....	4.6	78.0	2.0	2.2	13.2	100
1957-58.....	4.7	70.1	1.1	6.6	17.5	100

1956-57, 1,432 in 1955-56, 493 in 1954-55 and 594 in 1953-54. The sei-whale catch during the season 1957-58 amounted to 2,385 animals, which is the highest number ever recorded in the Antarctic.

The pelagic whaling operations resulted in a total of 14,770.7 blue-whale units, yielding 1,845,147 barrels of whale-oil. Of the 6,296 processed sperm-whales 301,059 barrels of sperm-oil were produced. The total oil production in 1957-58 thus amounted to 2,146,206 barrels oil. In 1956-57 the total output of oil was 2,098,854 barrels, of which 1,883,961 barrels of whale-oil and 214,893 barrels of sperm-oil.

Table e, page 15, gives a survey for a series of years of the average total and average daily production of whale-oil per floating factory and per catcher. This table also includes data showing the average number of baleen whales killed per catcher's day's work. When judging the whaling results on the basis of these figures, attention must be drawn to the variation in the number of floating factories and catchers employed, and to the considerable increase in the capacity of the whaling matériel in the post-war years.

Table g.—Antarctic, pelagic whaling. Catch by months in absolute figures.

Species of whales, and seasons.	Nov.	Dec.	Jan.	Feb.	March.	April.	Total.	The Whal- ing Statist- ics' total figures.	
<i>Total animals.</i>	1938-39..	1,362	10,138	12,618	9,978	2,569	—	<sup>1)</sup> 36,665	<sup>1)</sup> 36,681
	1949-50..	24	5,945	10,697	8,602	3,499	—	28,767	29,017
	1950-51..	1,028	6,075	10,603	10,751	2,475	—	30,932	31,179
	1951-52..	1,077	3,504	12,794	13,277	1,651	—	32,303	32,566
	1952-53..	64	1,444	12,302	9,764	4,465	—	28,039	28,325
	1953-54..	141	1,875	12,320	10,295	6,239	—	30,870	31,215
	1954-55..	424	3,480	12,842	11,401	5,914	—	34,061	34,388
	1955-56..	665	4,183	13,813	14,750	1,846	—	35,257	35,489
1956-57..	373	2,753	11,483	14,000	4,114	—	32,723	32,941	
1957-58..	1,259	3,669	11,428	11,886	7,575	—	35,817	35,997	
<i>Blue- whales.</i>	1938-39..	849	5,128	4,892	2,365	605	—	13,839	13,849
	1949-50..	—	627	2,620	2,124	761	—	6,132	6,168
	1950-51..	—	1,060	2,771	2,434	663	—	6,928	6,966
	1951-52..	—	1	2,325	2,495	280	—	5,101	5,124
	1952-53..	1	6	2,150	1,249	441	—	3,847	3,866
	1953-54..	—	1	567	1,365	734	—	2,667	2,684
	1954-55..	—	—	645	965	544	—	2,154	2,163
	1955-56..	—	1	1	1,503	106	—	1,611	1,611
1956-57..	—	1	1	1,178	325	—	1,505	1,505	
1957-58..	—	1	1	1,476	205	—	1,683	1,684	
<i>Fin- whales.</i>	1938-39..	64	3,608	6,956	7,057	1,792	—	19,477	19,477
	1949-50..	—	2,038	6,981	6,231	2,626	—	17,876	18,061
	1950-51..	—	2,435	7,267	6,055	1,539	—	17,296	17,474
	1951-52..	—	—	10,137	8,875	1,300	—	20,312	20,520
	1952-53..	1	5	9,940	7,400	3,618	—	20,964	21,197
	1953-54..	—	9	11,411	8,001	5,254	—	24,675	24,986
	1954-55..	—	5	11,128	9,521	4,954	—	25,608	25,878
	1955-56..	—	1	12,733	11,047	1,321	—	25,102	25,289
1956-57..	—	3	10,777	11,345	3,377	—	25,502	25,700	
1957-58..	—	6	10,746	8,805	5,510	—	25,067	25,222	
<i>Hump- backs.</i>	1938-39..	134	456	235	58	—	—	883	883
	1949-50..	—	1,425	679	1	—	—	2,105	2,117
	1950-51..	—	—	—	1,624	—	—	1,624	1,630
	1951-52..	—	1	—	1,531	—	—	1,532	1,546
	1952-53..	—	2	—	938	1	—	941	954
	1953-54..	—	—	—	587	6	—	593	594
	1954-55..	—	3	2	487	—	—	492	493
	1955-56..	—	2	2	1,421	—	—	1,425	1,432
1956-57..	—	—	—	673	—	—	673	679	
1957-58..	—	—	1	395	—	—	396	396	
<i>Sei- whales.</i>	1938-39..	—	—	—	—	<sup>1)</sup> 4	—	<sup>1)</sup> 4	<sup>1)</sup> 4
	1949-50..	—	—	2	21	78	—	101	101
	1950-51..	—	—	—	322	39	—	361	367
	1951-52..	—	—	9	21	1	—	31	32
	1952-53..	—	—	1	22	92	—	115	123
	1953-54..	—	—	60	147	42	—	249	251
	1954-55..	—	—	7	95	43	—	145	146
	1955-56..	—	—	13	201	60	—	274	276
1956-57..	—	—	83	428	197	—	708	712	
1957-58..	—	—	46	681	1,648	—	2,375	2,385	
<i>Sperm- whales.</i>	1938-39..	315	946	535	498	168	—	2,462	2,468
	1949-50..	24	1,855	415	225	34	—	2,553	2,570
	1950-51..	1,028	2,580	565	316	234	—	4,723	4,742
	1951-52..	1,077	3,502	323	355	70	—	5,327	5,344
	1952-53..	62	1,431	211	155	313	—	2,172	2,185
	1953-54..	141	1,865	282	195	203	—	2,686	2,700
	1954-55..	424	3,472	1,060	333	373	—	5,662	5,708
	1955-56..	665	4,179	1,064	578	359	—	6,845	6,881
1956-57..	373	2,749	622	376	215	—	4,335	4,345	
1957-58..	1,259	3,662	634	529	212	—	6,296	6,310	

<sup>1)</sup> 1 right-whale included.

Table h.—Antarctic, pelagic whaling. Catch by months in percentage figures.

Species of whales. Seasons.	Nov.	Dec.	Jan.	Feb.	March.	April.	Total.	The Whaling Statistics' total figures.
<i>Total animals</i>	1938-39	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1949-50	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	.....	.	.	.	.	.	.	.
	.....	.	.	.	.	.	.	.
<i>Blue-whales</i>	1938-39	62.4	50.6	38.8	23.7	23.6	-	37.8
	1949-50	-	10.5	24.5	24.7	21.7	-	21.3
	1950-51	-	17.4	26.1	22.7	26.8	-	22.4
	1951-52	-	0.1	18.2	18.8	17.0	-	15.8
	1952-53	1.6	0.4	17.5	12.8	9.9	-	13.7
	1953-54	-	0.1	4.6	13.3	11.8	-	8.7
	1954-55	-	-	5.0	8.5	9.2	-	6.3
	1955-56	-	-	-	10.2	5.7	-	4.6
	1956-57	-	-	-	8.4	7.9	-	4.6
1957-58	-	-	-	12.4	2.7	-	4.7	
<i>Fin-whales</i>	1938-39	4.7	35.6	55.1	70.7	69.8	-	53.1
	1949-50	-	34.3	65.3	72.4	75.1	-	62.1
	1950-51	-	40.1	68.6	56.3	62.2	-	55.9
	1951-52	-	-	79.2	66.8	78.7	-	62.9
	1952-53	1.5	0.4	80.8	75.8	81.0	-	74.8
	1953-54	-	0.5	92.6	77.7	84.2	-	79.9
	1954-55	-	0.1	86.6	83.5	83.8	-	75.2
	1955-56	-	-	92.2	74.9	71.6	-	71.2
	1956-57	-	0.1	93.9	81.0	82.1	-	77.9
1957-58	-	0.2	94.0	74.1	72.7	-	70.0	
<i>Hump-backs</i>	1938-39	9.8	4.5	1.9	0.6	-	-	2.4
	1949-50	-	24.0	6.3	-	-	-	7.3
	1950-51	-	-	-	15.1	-	-	5.2
	1951-52	-	-	-	11.5	-	-	4.7
	1952-53	-	0.1	-	9.6	2.1	-	3.4
	1953-54	-	-	-	5.7	-	-	1.9
	1954-55	-	0.1	-	4.3	-	-	1.5
	1955-56	-	0.1	-	9.6	-	-	4.0
	1956-57	-	-	-	4.8	-	-	2.1
1957-58	-	-	-	3.3	-	-	1.1	
<i>Sei-whales</i>	1938-39	-	-	-	-	0.1	-	-
	1949-50	-	-	-	0.3	2.2	-	0.4
	1950-51	-	-	-	3.0	1.6	-	1.2
	1951-52	-	-	0.1	0.2	0.1	-	0.1
	1952-53	-	-	-	0.2	-	-	0.4
	1953-54	-	-	0.5	1.4	0.7	-	0.8
	1954-55	-	-	0.1	0.8	0.7	-	0.4
	1955-56	-	-	0.1	1.4	3.3	-	0.8
	1956-57	-	-	0.7	3.1	4.8	-	2.2
1957-58	-	-	0.4	5.7	21.8	-	6.6	
<i>Sperm-whales</i>	1938-39	23.1	9.3	4.2	5.0	6.5	-	6.7
	1949-50	100.0	31.2	3.9	2.6	1.0	-	8.9
	1950-51	100.0	42.5	5.3	2.9	9.4	-	15.3
	1951-52	100.0	99.9	2.5	2.7	4.2	-	16.5
	1952-53	96.9	99.1	1.7	1.6	7.0	-	7.7
	1953-54	100.0	99.4	2.3	1.9	3.3	-	8.7
	1954-55	100.0	99.8	8.3	2.9	6.3	-	16.6
	1955-56	100.0	99.9	7.7	3.9	19.4	-	19.4
	1956-57	100.0	99.9	5.4	2.7	5.2	-	13.2
1957-58	100.0	99.8	5.6	4.5	2.8	-	17.6	

Table *f*, page 16, illustrates the relation between the various species of whales killed in pelagic operations in the Antarctic from 1928–29. In the season 1957–58 4.7 per cent of the total number of whales killed were blue-whales as against 4.6 and 4.5 per cent during the two preceding seasons. The fin-whale catch in 1957–58 represented 70.1 per cent of the total catch against 78.0 per cent in 1956–57 and 71.3 in 1955–56. The number of hump-backs killed represented 1.1 per cent of the total catch during the last season against 2.0 per cent in 1956–57 and 4.0 per cent in 1955–56. The sei-whale catch represented 6.6 per cent in 1957–58 against 2.2 and 0.8 per cent in the two preceding seasons. These percentage figures are, however, influenced by the sperm-whale catch, which has varied considerably during the latest seasons. In 1957–58 17.5 per cent of the total catch consisted of sperm-whales, while the corresponding percentage figures for the 4 previous seasons varied between 19.4 and 8.7 per cent.

In the following survey is stated the number of blue- and fin-whales killed and the correlation between the catch of these two most important species of baleen whales during a number of seasons:

Season	Blue-whales		Fin-whales	
	Number	Per cent	Number	Per cent
1930–31	28,325	76.7	8,601	23.3
1932–33	18,624	80.7	4,441	19.3
1936–37	14,183	51.6	13,302	48.4
1937–38	14,826	35.9	26,457	64.1
1938–39	13,849	41.6	19,477	58.4
1947–48	6,862	26.5	18,999	73.5
1948–49	7,399	30.1	17,201	69.9
1949–50	6,168	25.5	18,061	74.5
1950–51	8,966	28.5	17,474	71.5
1951–52	5,124	20.0	20,520	80.0
1952–53	3,866	15.4	21,197	84.6
1953–54	2,684	9.7	24,986	90.3
1954–55	2,163	7.7	25,878	92.3
1955–56	1,611	6.0	25,289	94.0
1956–57	1,505	5.5	25,700	94.5
1957–58	1,684	6.3	25,222	93.7

During the seasons previous to 1937–38 the predominant species of the baleen whales taken in Antarctic waters were blue-whales. During the seasons 1930–31 and 1932–33 about 80 per cent of the total blue-and fin-whale catch were blue-whales, whereas the number of blue-whales killed during the 3 last seasons represented only about 6 per cent of the total

**Table i.—Average size of whales killed in the Antarctic, by whaling grounds and species of whales 1938/39 and 1947/48—1957/58.**

Whaling grounds and species of whales.	1938-39	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58
<b>Pelagic whaling.</b>	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
<i>Blue-whales.</i>												
Males .....	76.6	77.1	77.5	77.7	77.3	76.4	75.8	76.0	75.7	75.6	75.8	75.4
Females .....	79.5	79.9	80.8	80.7	79.4	79.5	79.1	79.6	79.5	78.9	78.4	79.0
Total animals.....	78.0	78.4	79.1	79.0	78.2	78.0	77.5	78.0	77.8	77.3	77.0	77.1
<i>Fin-whales.</i>												
Males .....	65.7	66.6	66.4	66.0	65.2	66.4	65.7	65.6	65.1	65.1	65.3	64.7
Females .....	68.9	69.6	69.6	69.1	68.2	69.4	68.8	68.7	68.0	68.1	68.6	67.7
Total animals.....	67.2	67.9	67.9	67.5	66.6	67.9	67.3	67.1	66.5	66.5	66.9	66.2
<i>Humpbacks.</i>												
Males .....	37.7	—	39.7	39.7	39.7	39.3	39.5	39.6	39.9	39.0	40.7	40.8
Females .....	40.5	46.0	42.5	41.4	41.6	41.4	42.0	41.1	41.8	40.7	42.1	42.1
Total animals.....	39.6	46.0	41.8	40.6	40.8	40.4	40.9	40.3	41.1	40.0	41.4	41.5
<b>South Georgia.</b>												
<i>Blue-whales, total ...</i>	75.8	76.3	76.3	74.3	76.9	72.0	74.0	73.3	73.0	81.3	71.7	74.5
<i>Fin-whales, total ...</i>	65.4	65.8	65.6	65.2	66.0	66.0	65.4	64.0	64.8	65.0	63.8	66.1
<i>Humpbacks, total ...</i>	—	41.4	40.2	40.0	40.1	39.8	40.1	39.4	40.0	—	—	—
<i>Sperm-whales, total..</i>	50.3	46.7	46.0	48.6	46.9	48.1	46.7	47.0	48.7	46.8	45.7	47.1

blue- and fin-whale catch. The figures in the survey on page 19 do not give a correct picture of the presence of blue-whales at previous and present times. It will appear from the statistics of previous years recorded for pelagic whaling in the Antarctic that the presence of blue-whales is more abundant during the Antarctic spring months, i.e. October, November and December. Later in the season the fin-whale is the prevailing species. In order to obtain a larger oil output of the whale the opening day of the pelagic season has gradually been postponed ever since the early thirties. During post-war seasons the efforts of reducing the taxation of blue-whales have also contributed to this postponement of the whaling period. In the three last seasons, 1955-56, 1956-57 and 1957-58, the opening day of the blue-whale season was February 1st, while the blue-whale catch in 1932-33 commenced on October 20th.

In tables *g* and *h*, pages 17 and 18, the monthly catch of the various species of whales is recorded in absolute and percentage figures for a series of years. These figures show that the blue-whale catch in each month during the post-war seasons has represented an ever smaller part of the total catch. Most of the figures are, however, to a great extent influenced by the above mentioned postponement and curtailment of the whaling period, viz. all the figures for the months of December and March as well as the January figures for the seasons from and including 1953-54. Only

**Table j.—Average size of whales killed, by species and sex 1938/39 and 1947/48—1957/58, excl. of blue-whales less than 70', fin-whales less than 60' and humpbacks less than 35'. Antarctic, pelagic whaling.**

Species of whales.	1938 -39	1947 -48	1948 -49	1949 -50	1950 -51	1951 -52	1952 -53	1953 -54	1954 -55	1955 -56	1956 -57	1957 -58
<i>Blue-whales.</i>	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
Males . . . . .	77.3	77.6	77.9	78.2	77.8	77.1	76.3	76.4	76.1	76.1	76.3	75.8
Females . . . . .	80.3	80.4	81.2	81.3	80.0	80.1	79.5	80.1	80.0	79.4	79.0	79.4
Total animals.	78.8	79.0	79.5	79.6	78.8	78.6	78.0	78.5	78.2	77.9	77.5	77.6
<i>Fin-whales.</i>												
Males . . . . .	66.5	67.1	66.9	66.7	66.3	66.7	66.0	65.9	65.9	65.2	66.2	65.8
Females . . . . .	69.8	70.1	70.2	70.0	69.3	69.7	69.1	69.0	68.9	68.3	69.6	69.0
Total animals.	68.1	68.4	68.5	68.3	67.8	68.1	67.6	67.4	67.4	66.7	67.9	67.5
<i>Humpbacks.</i>												
Males . . . . .	38.1	—	39.7	40.1	40.1	39.6	39.7	39.7	40.0	39.1	40.8	40.9
Females . . . . .	40.8	46.0	43.6	41.8	41.8	41.7	42.2	41.3	41.9	40.8	42.3	42.3
Total animals.	40.0	46.0	42.6	41.0	41.1	40.7	41.1	40.5	41.1	40.1	41.6	41.6

the month of January during the seasons up to and including 1952-53 and the month of February during all seasons have been unaffected by the postponement of the whaling period, but also here the percentage figures for the blue-whale catch show a marked decrease.

The survey below gives a more correct basis of comparison between the blue-whale catch of later seasons and of previous years, showing the percentage proportion of blue-whales in relation to the total blue- and fin-whale catch during the period February 1st (incl.)—March 4th (incl.) for each season since 1931-32. During the said period whaling operations have been carried on at full capacity throughout all the seasons.

Season	Blue-whales in per cent of all blue- and fin-whales killed Febr. 1st—March 4th	Season	Blue-whales in per cent of all blue- and fin-whales killed Febr. 1st—March 4th
1931-32	.... 61.9	1947-48	.... 22.9
1932-33	.... 50.3	1948-49	.... 25.2
1933-34	.... 46.6	1949-50	.... 25.7
1934-35	.... 38.4	1950-51	.... 28.7
1935-36	.... 50.8	1951-52	.... 25.9
1936-37	.... 29.9	1952-53	.... 14.0
1937-38	.... 16.5	1953-54	.... 14.0
1938-39	.... 24.5	1954-55	.... 9.5
		1955-56	.... 11.5
1945-46	.... 31.9	1956-57	.... 9.3
1946-47	.... 31.9	1957-58	.... 13.5

Table k.—Antarctic, pelagic whaling. Catch of immature and mature whales 1938/39 and 1949/50—1957/58.

	1938—39.		1949—50.		1950—51.		1951—52.		1952—53.		1953—54.		1954—55.		1955—56.		1956—57.		1957—58.	
	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.
<b>Blue-whales.</b>																				
Immature																				
males . . . . .	1,940	27.8	650	19.1	875	23.3	778	31.7	677	36.8	409	33.5	374	37.4	289	37.4	268	33.7	316	36.9
females . . .	2,343	34.1	764	28.0	1,164	36.7	1,015	38.4	827	41.2	564	39.0	439	38.0	352	42.0	312	44.0	332	40.2
animals . . .	4,283	30.9	1,414	23.1	2,039	29.4	1,793	35.1	1,504	39.1	973	36.5	813	37.7	641	39.8	580	38.5	648	38.5
Mature																				
males . . . . .	5,034	72.2	2,755	80.9	2,882	76.7	1,680	68.3	1,165	63.2	811	66.5	626	62.6	484	62.6	528	66.3	541	63.1
females . . .	4,522	65.9	1,963	72.0	2,007	63.3	1,628	61.6	1,178	58.8	883	61.0	715	62.0	486	58.0	397	56.0	494	59.8
animals . . .	9,556	69.1	4,718	76.9	4,889	70.6	3,308	64.9	2,343	60.9	1,694	63.5	1,341	62.3	970	60.2	925	61.5	1,035	61.5
<b>Fin-whales.</b>																				
Immature																				
males . . . . .	2,017	20.2	1,557	16.8	2,037	22.7	1,495	14.2	2,151	20.6	2,593	20.4	3,348	26.3	3,169	24.7	3,089	23.9	3,629	30.0
females . . .	2,039	22.4	1,645	19.1	2,092	25.1	1,867	19.1	2,486	23.6	2,802	23.4	3,645	28.2	3,269	26.7	3,281	26.1	4,052	31.3
animals . . .	4,136	21.2	3,202	17.9	4,129	23.9	3,362	16.6	4,637	22.1	5,395	21.9	6,993	27.3	6,438	25.7	6,370	25.0	7,681	30.6
Mature																				
males . . . . .	8,297	79.8	7,726	83.2	6,919	77.3	9,025	85.8	8,296	79.4	10,106	79.6	9,358	73.7	9,688	75.3	9,835	76.1	8,484	70.0
females . . .	7,044	77.6	6,948	80.9	6,248	74.9	7,925	80.9	8,031	76.4	9,174	76.6	9,257	71.8	8,976	73.3	9,297	73.9	8,902	68.7
animals . . .	15,341	78.8	14,674	82.1	13,167	76.1	16,950	83.4	16,327	77.9	19,280	78.1	18,615	72.7	18,664	74.3	19,132	75.0	17,386	69.4
<b>Humpbacks.</b>																				
Immature																				
males . . . . .	182	69.2	400	41.1	298	43.4	347	48.9	207	50.7	159	52.1	87	43.5	341	56.9	85	26.1	58	30.9
females . . .	310	50.0	424	37.5	315	33.6	330	40.1	183	34.3	132	45.8	107	36.6	392	47.5	102	29.4	63	30.3
animals . . .	492	55.7	824	39.1	613	37.7	677	44.2	390	41.4	291	49.1	194	39.4	733	51.4	187	27.8	121	30.6
Mature																				
males . . . . .	81	30.8	573	58.9	388	56.6	363	51.1	201	49.3	146	47.9	113	56.5	258	43.1	241	73.9	130	69.1
females . . .	310	50.0	708	62.5	623	66.4	492	59.9	350	65.7	156	54.2	185	63.4	434	52.5	245	70.6	145	69.7
animals . . .	391	44.3	1,281	60.9	1,011	62.3	855	55.8	551	58.6	302	50.9	298	60.6	692	48.6	486	72.2	275	69.4

While the percentage proportion of blue-whales in relation to the total blue- and fin-whale catch varied between 31.9 per cent and 22.9 per cent during the post-war seasons until and including 1951–52, there has been a strongly reduced blue-whale catch during the last seasons. In 1956–57 the percentage proportion of blue-whales reached a minimum figure of 9.3. However, during the last season the percentage proportion increased to 13.5.

The average size of blue-whales, fin-whales and humpbacks killed in the pelagic whaling and off South Georgia has been specified for all the post-war seasons in table *i*, page 20. It will appear from this table that the average size of the fin-whales killed declined by 0.7 feet, to 66.2 feet during the last season as compared with the preceding season. This is the lowest figure recorded during the period covered by the table. On the other hand, the average size of the blue-whales killed increased by 0.1 feet, to 77.1 feet.

For the seasons covered by table *i* the minimum length settled for blue-whales and humpbacks has been 70 ft. and 35 ft. respectively. The minimum length settled for fin-whales was 55 feet until and including the season 1950–51, during the 3 successive seasons 60 ft. and during the last 3 seasons 57 ft. In order to eliminate the possible influence which a variation in the legal size and in the number of undersized whales killed might have on the average size, table *j*, on page 21, has been prepared. This table records the average size of blue-whales of 70 ft. and over, fin-whales of 60 ft. and over, and humpbacks of 35 ft. and over. The average size of blue-whales (of 70 feet and over) killed during the last season was 77.6 feet against 77.5 feet in 1956–57. The average size of the fin-whales (of 60 feet and over) was 0.4 feet lower than the average for the season 1956–57. For humpbacks (of 35 feet and over) the average size was 41.6 feet both in 1957–58 and 1956–57.

Table *k*, page 22, gives particulars of the catch of mature and immature whales in absolute and relative figures during a series of seasons.

Animals of the following sizes are regarded as mature:

Blue-whales: Female . . . . .	77 feet and over	
Male . . . . .	74	—,,—
Fin-whales: Female . . . . .	65	—,,—
Male . . . . .	63	—,,—
Humpbacks: Female . . . . .	41	—,,—
Male . . . . .	40	—,,—

From table *k* will be seen that the percentage proportion of immature fin-whales increased considerably during the last season. Of the total fin-whale catch in 1957–58 30.8 per cent were immature animals against 25.0



Table I.—Number and average size of whales caught

No.	Species of whales. Seasons.	Area II (60° W.-0°)			Area III (0°-70° E.)			Area IV (70° E.-130° E.)		
		Number of whales caught.	Per cent.	Average size of the whales.	Number of whales caught.	Per cent.	Average size of the whales.	Number of whales caught.	Per cent.	Average size of the whales.
	<b>Blue-whales.</b>			Eng. ft.			Eng. ft.			Eng. ft.
1	1931/32-1937/38	<sup>1)</sup> 17,210	16.7	79.0	48,125	46.8	78.4	37,210	36.2	80.2
2	1938-39	3,450	25.0	79.0	4,455	32.2	77.0	4,915	35.5	77.9
3	1939-40	3,441	61.9	78.2	734	13.2	76.8	1,386	24.9	78.7
4	1940/41-1945/46	2,705	46.4	78.0	3,131	53.6	78.3	-	-	-
5	1946-47	1,857	21.0	78.6	2,968	33.5	78.4	3,346	37.7	78.1
6	1947-48	1,536	22.5	76.7	1,890	27.6	78.6	1,952	28.5	79.4
7	1948-49	2,022	27.4	78.6	2,981	40.4	79.3	1,325	18.0	79.1
8	1949-50	1,064	17.3	78.4	1,512	24.7	78.5	925	15.1	78.9
9	1950-51	1,514	21.9	77.3	1,427	20.6	77.8	1,076	15.5	77.7
10	1951-52	447	8.8	78.2	1,836	36.0	79.2	1,199	23.5	77.7
11	1952-53	727	18.9	78.9	1,454	37.8	77.7	837	21.8	77.0
12	1953-54	542	20.3	78.1	1,569	58.8	78.2	356	13.4	77.2
13	1954-55	470	21.8	79.0	685	31.8	78.1	310	14.4	77.6
14	1955-56	439	27.3	77.1	300	18.6	78.8	322	20.0	77.7
15	1956-57	330	21.9	76.9	275	18.3	78.4	80	5.3	78.5
16	1957-58	236	14.0	77.8	620	36.9	77.4	186	11.1	76.7
	1931/32-1957/58	37,990	20.8	78.6	73,962	40.5	78.4	55,425	30.3	79.6
	<b>Fin-whales.</b>									
1	1931/32-1937/38	<sup>2)</sup> 25,959	36.3	67.8	31,251	43.6	67.7	14,373	20.1	68.7
2	1938-39	6,188	31.8	67.4	5,710	29.3	66.4	5,540	28.5	67.5
3	1939-40	7,840	73.7	67.4	2,218	20.9	66.9	574	5.4	67.5
4	1940/41-1945/46	6,940	70.9	67.4	2,849	29.1	67.1	-	-	-
5	1946-47	4,655	36.2	66.7	4,382	34.0	68.5	3,355	26.1	67.3
6	1947-48	6,136	32.5	68.1	6,483	34.4	67.8	4,654	24.7	67.9
7	1948-49	4,995	29.2	67.4	6,457	37.8	68.5	3,068	18.0	67.4
8	1949-50	7,150	40.0	67.5	5,117	28.6	67.5	2,940	16.5	66.6
9	1950-51	5,081	29.4	66.4	4,133	23.9	66.2	4,210	24.3	66.5
10	1951-52	5,977	29.4	67.9	7,122	35.1	68.1	2,141	10.5	67.3
11	1952-53	4,551	21.7	68.1	11,364	54.2	67.1	1,449	6.9	66.2
12	1953-54	7,653	31.0	67.4	11,459	46.4	67.0	2,195	8.9	67.0
13	1954-55	4,963	19.4	67.3	13,607	53.1	66.4	2,790	10.9	66.4
14	1955-56	6,619	26.4	66.2	7,088	28.2	66.8	3,208	12.8	66.5
15	1956-57	10,697	41.9	67.4	3,812	15.0	67.2	291	1.1	64.6
16	1957-58	5,211	20.8	67.3	9,197	36.7	66.7	3,579	14.3	65.6
	1931/32-1957/58	120,615	33.2	67.4	132,249	36.5	67.3	54,367	15.0	67.4
	<b>Humpbacks.</b>									
1	1931/32-1937/38	<sup>3)</sup> 1,057	8.4	41.0	6,209	49.1	40.8	5,384	42.5	40.7
2	1938-39	-	-	-	-	-	-	859	97.3	39.6
3	1940-41	231	82.8	42.6	48	17.2	41.2	-	-	-
4	1946/47-1948/49	6	37.5	44.0	9	56.3	41.7	1	6.2	45.0
5	1949-50	172	8.2	41.0	251	11.9	41.7	779	37.0	40.4
6	1950-51	2	0.1	38.5	20	1.2	38.8	1,112	68.5	40.5
7	1951-52	33	2.2	42.9	189	12.3	42.0	1,127	73.6	39.9
8	1952-53	14	1.5	44.6	218	23.2	41.2	191	20.3	39.1
9	1953-54	13	2.2	41.2	172	29.0	41.0	258	43.5	39.3
10	1954-55	2	0.4	42.5	142	28.9	41.4	-	-	-
11	1955-56	-	-	-	64	4.5	41.1	824	57.8	39.8
12	1956-57	-	-	-	8	1.2	40.8	-	-	-
13	1957-58	-	-	-	116	29.3	41.0	-	-	-
	1931/32-1957/58	1,530	6.5	41.3	7,446	31.5	40.8	10,535	44.6	40.4

<sup>1)</sup> Incl. 608 blue-whales, length not stated. <sup>2)</sup> Incl. 193 fin-whales, length not stated. <sup>3)</sup> Incl. 2 humpbacks

## in the different areas of Antarctic. Pelagic whaling.

Area V (130° E.-170° W.)			Area VI (170° W.-120° W.)			Area I (120° W.-60° W.)			Ail areas.			The Whaling Statistics' total figures for whales caught.	No.
Number of whales caught.	Per cent.	Average size of the whales.	Number of whales caught.	Per cent.	Average size of the whales.	Number of whales caught.	Per cent.	Average size of the whales.	Number of whales caught.	Per cent.	Average size of the whales.		
		Eng. ft.			Eng. ft.			Eng. ft.			Eng. ft.		
311	0.3	80.5	1	-	82.0	6	-	74.8	102,863	100	79.2	102,950	1
1,015	7.3	79.7	-	-	-	4	-	70.0	13,839	100	78.0	13,849	2
-	-	-	-	-	-	-	-	-	5,561	100	78.2	11,392	3
693	7.8	77.6	-	-	-	-	-	-	5,836	100	78.1	9,687	4
1,467	21.4	78.7	-	-	-	-	-	-	8,864	100	78.3	8,865	5
1,013	13.8	79.1	30	0.4	80.9	-	-	-	6,845	100	78.4	6,862	6
1,494	24.4	79.8	1,137	18.5	79.4	-	-	-	7,371	100	79.1	7,399	7
2,211	31.9	79.3	655	9.5	78.8	45	0.6	77.7	6,132	100	79.0	6,168	8
1,462	28.6	76.9	157	3.1	77.5	-	-	-	6,928	100	78.2	6,966	9
512	13.3	76.4	317	8.2	76.9	-	-	-	5,101	100	78.0	5,124	10
83	3.1	78.2	117	4.4	76.7	-	-	-	3,847	100	77.5	3,866	11
561	26.0	76.4	128	6.0	77.0	-	-	-	2,667	100	78.0	2,684	12
15	0.9	79.1	281	17.4	76.2	254	15.8	76.3	2,154	100	77.8	2,163	13
-	-	-	617	41.0	76.3	203	13.5	76.9	1,611	100	77.3	1,611	14
76	4.5	76.9	440	26.1	76.9	125	7.4	76.1	1,505	100	77.0	1,505	15
10,913	6.0	78.6	3,880	2.1	77.9	637	0.3	76.5	1,683	100	77.1	1,684	16
									182,807	100	78.8	192,775	
18	-	69.6	-	-	-	13	-	65.5	71,614	100	67.9	71,649	1
1,975	10.1	68.1	-	-	-	64	0.3	64.5	19,477	100	67.2	19,477	2
-	-	-	-	-	-	-	-	-	10,632	100	67.3	17,757	3
478	3.7	65.9	-	-	-	-	-	-	9,789	100	67.3	16,018	4
1,591	8.4	67.9	-	-	-	-	-	-	12,870	100	67.4	12,877	5
2,489	14.6	68.2	72	0.4	68.4	-	-	-	18,864	100	67.9	18,999	6
1,664	9.3	67.6	1,005	5.6	69.0	-	-	-	17,081	100	67.9	17,201	7
2,198	12.7	67.4	1,212	7.0	68.2	462	2.7	68.5	17,876	100	67.5	18,061	8
2,768	13.6	67.9	2,304	11.4	67.6	-	-	-	17,296	100	66.6	17,474	9
1,709	8.2	66.8	1,891	9.0	67.7	-	-	-	20,312	100	67.9	20,520	10
654	2.7	66.9	2,616	10.6	66.8	98	0.4	66.6	20,964	100	67.3	21,197	11
3,021	11.8	66.0	1,227	4.8	66.4	-	-	-	24,675	100	67.1	24,986	12
1,494	5.9	66.0	2,585	10.3	66.2	4,108	16.4	67.1	25,608	100	66.5	25,878	13
23	0.1	65.0	5,064	19.9	65.9	5,615	22.0	66.8	25,102	100	66.5	25,289	14
1,130	4.5	64.4	4,107	16.4	65.1	1,843	7.3	66.1	25,502	100	66.9	25,700	15
21,212	5.8	67.1	22,083	6.1	66.5	12,203	3.4	66.8	25,067	100	66.2	25,222	16
									362,729	100	67.3	378,305	
4	-	43.0	-	-	-	-	-	-	12,654	100	40.8	12,665	1
24	2.7	39.8	-	-	-	-	-	-	883	100	39.6	883	2
-	-	-	-	-	-	-	-	-	279	100	42.4	2,675	3
-	-	-	-	-	-	-	-	-	16	100	42.8	16	4
903	42.9	40.5	-	-	-	-	-	-	2,105	100	40.6	2,117	5
162	10.0	42.0	66	4.1	41.2	262	16.1	41.5	1,624	100	40.8	1,630	6
146	9.5	41.6	37	2.4	41.7	-	-	-	1,532	100	40.4	1,546	7
505	53.6	41.3	13	1.4	45.3	-	-	-	941	100	40.9	954	8
14	2.4	42.7	136	22.9	41.2	-	-	-	593	100	40.3	594	9
171	34.8	39.8	177	35.9	41.9	-	-	-	492	100	41.1	493	10
194	13.6	39.4	329	23.1	40.3	14	1.0	43.3	1,425	100	40.0	1,432	11
-	-	-	10	1.5	42.3	655	97.3	41.4	673	100	41.4	679	12
23	5.8	41.0	167	42.2	41.8	90	22.7	41.9	396	100	41.5	396	13
2,146	9.1	40.7	935	4.0	41.2	1,021	4.3	41.5	23,613	100	40.7	26,082	14

length not stated. <sup>4)</sup> 2 humpbacks caught in the season 1939/40 are included.

Table m.—Number of whales killed during the seasons 1931/32—1957/58.

— 1 —

Areas	Blue-whales		Fin-whales		Humpbacks		Sperm-whales		Total	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
II.....	37,990	20.8	120,615	33.2	1,530	6.5	11,469	20.8	171,604	27.5
III.....	73,962	40.5	132,249	36.5	7,446	31.5	21,276	38.5	234,933	37.6
IV.....	55,425	30.3	54,367	15.0	10,535	44.6	12,515	22.7	132,842	21.3
V.....	10,913	6.0	21,212	5.8	2,146	9.1	7,147	12.9	41,418	6.6
VI.....	3,880	2.1	22,083	6.1	935	4.0	1,384	2.5	28,282	4.5
I.....	637	0.3	12,203	3.4	1,021	4.3	1,406	2.6	15,267	2.5
Total.....	182,807	100.0	362,729	100.0	23,613	100.0	55,197	100.0	624,346	100.0

— 2 —

Species of whales	Area II		Area III		Area IV		Area V		Area VI		Area I		Total	
	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent	No. of whales	Per cent
Blue.....	37,990	22.1	73,962	31.5	55,425	41.7	10,913	26.3	3,880	13.7	637	4.2	182,807	29.3
Fin.....	120,615	70.3	132,249	56.3	54,367	40.9	21,212	51.2	22,083	78.1	12,203	79.9	362,729	58.1
Humpback	1,530	0.9	7,446	3.2	10,535	8.0	2,146	5.2	935	3.3	1,021	6.7	23,613	3.8
Sperm....	11,469	6.7	21,276	9.0	12,515	9.4	7,147	17.3	1,384	4.9	1,406	9.2	55,197	8.8
Total.....	171,604	100.0	234,933	100.0	132,842	100.0	41,418	100.0	28,282	100.0	15,267	100.0	624,346	100.0

per cent in 1956–57. Of the total blue-whale catch 38.5 per cent in both seasons were immature animals.

By request of the International Whaling Commission the Bureau of International Whaling Statistics in 1958 has divided the pelagic whaling in the Antarctic in 6 areas against previously 5 areas. The 6 areas are divided as follows (the parentheses show the former division in areas):—

Area II	between	60° west	and	0°	(	70° west—	0°	)	
" III	"	0°	"	70° east	(	0°	—	70° east)	
" IV	"	70° east	"	130°	"	(	70° east—	130° "	
" V	"	130°	"	170° west	(	130°	"	—	160° west)
" VI	"	170° west	"	120°	"				
" I	"	120°	"	60°	"	(	160° west—	70° "	

A survey of the number and average size of blue-whales, fin-whales and humpbacks killed in the individual areas from and including the season 1931–32 is given in table l, page 24.

Table n.—Antarctic, pelagic whaling results for the various countries 1937/38, 1938/39 and 1947/48—1957/58.

Seasons	All countries			Norway			British Commonwealth			Of which						Japan		
	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	United Kingdom			Union of South Africa			Number of whales killed	Oil production	Catchers employed
										Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed			
		Barrels <sup>1</sup>			Barrels			Barrels			Barrels		Barrels			Barrels		
1937-38.....	44,152	3,250,064	244	<sup>2)</sup> 14,960	<sup>3)</sup> 1,157,993	83	15,286	1,114,865	80	12,461	921,192	64	2,825	193,673	16	5,582	388,683	30
1938-39.....	36,681	2,709,281	270	<sup>2)</sup> 11,521	<sup>3)</sup> 842,712	90	10,541	847,127	74	9,371	746,182	65	1,170	100,945	9	7,540	483,476	49
1947-48.....	23,369	1,940,653	162	14,678	995,115	85	10,249	697,096	49	7,291	516,040	35	2,958	181,056	14	1,324	104,912	12
1948-49.....	28,494	2,047,427	191	15,209	1,050,100	101	9,169	694,802	54	6,561	534,034	40	2,608	160,728	14	1,643	119,361	14
1949-50.....	29,017	2,019,368	216	15,556	1,048,432	119	8,478	615,997	56	6,596	470,699	41	1,882	145,298	15	2,114	168,754	16
1950-51.....	31,180	2,152,498	239	15,873	1,062,260	124	7,718	579,666	58	5,177	417,755	43	2,541	161,911	15	2,741	170,596	18
1951-52.....	32,575	2,334,805	268	14,763	1,088,085	132	8,455	632,224	61	5,961	446,262	45	2,494	185,962	16	3,831	259,476	32
1952-53.....	28,325	1,998,094	230	10,381	767,960	95	8,633	599,670	62	6,173	449,215	46	2,460	150,455	16	2,645	207,335	30
1953-54.....	31,218	2,100,884	206	13,632	963,085	100	8,571	618,409	53	6,345	471,138	40	2,226	147,271	13	4,218	252,677	26
1954-55.....	34,388	2,061,789	233	13,428	809,488	101	8,352	500,679	53	6,656	400,870	40	1,696	99,809	13	5,958	366,915	36
1955-56.....	35,531	2,134,808	257	13,371	788,554	110	8,530	519,240	59	6,346	409,701	44	2,184	109,539	15	6,462	408,853	40
1956-57.....	32,987	2,098,854	225	14,008	955,599	94	6,877	420,553	45	5,281	333,967	35	1,596	86,586	10	8,093	492,507	54
1957-58.....	36,490	2,146,206	237	13,289	853,810	94	5,534	323,472	37	5,534	323,472	37	-	-	-	11,763	627,849	68

Seasons	Germany			Panama			United States of America			Netherlands			U.S.S.R.		
	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed	Number of whales killed	Oil production	Catchers employed
1937-38.....	5,237	356,858	33	1,527	117,650	10	1,560	114,015	8	-	-	-	-	-	-
1938-39.....	5,066	374,149	41	907	68,853	8	1,106	92,964	8	-	-	-	-	-	-
1947-48.....	-	-	-	-	-	-	-	-	-	1,294	85,130	8	824	58,400	8
1948-49.....	-	-	-	-	-	-	-	-	-	1,366	109,849	10	1,107	73,335	12
1949-50.....	-	-	-	-	-	-	-	-	-	1,295	82,792	11	1,574	103,393	14
1950-51.....	-	-	-	1,497	126,522	12	-	-	-	1,660	103,560	12	1,691	109,894	15
1951-52.....	-	-	-	1,408	97,073	16	-	-	-	1,650	110,300	12	2,468	147,647	15
1952-53.....	-	-	-	2,365	164,150	16	-	-	-	1,575	103,710	12	2,726	155,269	15
1953-54.....	-	-	-	-	-	-	-	-	-	1,711	97,596	12	3,036	169,117	15
1954-55.....	-	-	-	2,512	147,880	16	-	-	-	848	64,739	12	3,290	172,088	15
1955-56.....	-	-	-	2,730	160,960	15	-	-	-	1,665	103,465	18	2,773	153,736	15
1956-57.....	-	-	-	-	-	-	-	-	-	1,409	92,489	14	2,600	137,706	18
1957-58.....	-	-	-	-	-	-	-	-	-	1,867	116,497	14	4,037	224,578	24

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt. 1/6 long ton. 1 long ton = 1,016 kg.) <sup>2)</sup> Including the catch of two Norwegian expeditions hired by Germany in 1937-38 2,158 whales and in 1938-39 1,653 whales. <sup>3)</sup> Incl. the production of two Norwegian expeditions hired by Germany—in 1937-38 180,750 barrels and in 1938-39 118,380 barrels.

Table o.—South Georgia.

Years.	Species of whales caught.							Oil production.	Expeditions.			Number of whales per boat.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
1919-20	987	1,673	79	71	8	1) 14	2,832	147,029	6	—	26	109
1920-21	856	2,643	103	36	31	1) 13	3,682	177,137	5	—	21	175
1921-22	2,570	710	9	103	3	—	3,395	249,042	5	—	20	170
1922-23	3,569	1,445	320	10	19	—	5,363	347,553	5	1	23	233
1923-24	1,927	1,378	130	191	49	—	3,675	247,463	5	1	23	160
1924-25	3,512	2,019	262	1	24	—	5,818	406,176	5	1	24	242
1925-26	1,855	5,709	236	13	12	—	7,825	404,457	5	1	23	340
1926-27	3,689	1,144	—	365	17	—	5,215	417,292	5	1	23	227
1927-28	2,125	1,357	—	95	60	—	3,637	303,480	5	1	23	158
1928-29	1,560	3,130	15	396	31	—	5,132	348,629	5	1	23	223
1929-30	488	3,396	46	216	39	1) 1	4,186	247,963	5	—	27	155
1930-31	1,085	1,416	66	144	24	1) 1	2,736	187,938	5	—	27	101
1931-32	438	1,735	6	16	10	—	2,205	122,205	2	—	12	184
1932-33	267	727	—	2	—	—	996	54,583	1	—	6	166
1933-34	536	1,728	92	—	7	—	2,363	132,187	2	—	12	197
1934-35	556	836	37	125	21	—	1,575	108,141	2	—	10	158
1935-36	1,221	520	41	—	3	—	1,785	143,185	2	—	10	179
1936-37	121	1,079	17	471	70	—	1,758	81,629	2	—	12	147
1937-38	97	1,552	40	155	43	—	1,887	90,266	2	—	12	157
1938-39	232	1,307	—	19	117	—	1,675	111,490	2	—	11	152
1939-40	88	937	—	80	85	1) 1	1,191	64,782	2	—	12	99
1940-41	7	747	—	88	26	—	868	44,498	1	—	5	14
1941-42	59	1,189	16	52	109	—	1,425	77,819	2	—	12	119
1942-43	125	776	—	73	24	—	998	50,960	1	—	6	166
1943-44	28	632	4	197	101	—	962	50,001	1	—	7	137
1944-45	128	987	60	76	45	—	1,296	75,540	1	—	7	185
1945-46	80	1,456	238	82	57	—	1,913	78,877	3	—	16	120
1946-47	327	1,670	28	391	133	2) 1	2,550	145,318	3	—	18	142
1947-48	46	2,142	24	609	128	—	2,949	163,398	3	—	21	140
1948-49	226	1,922	18	562	213	—	2,941	172,194	3	—	21	140
1949-50	14	1,999	26	1,183	157	—	3,379	147,121	3	—	21	161
1950-51	82	1,982	8	519	226	—	2,817	151,192	3	—	21	134
1951-52	6	2,007	10	498	141	—	2,662	144,375	3	—	21	127
1952-53	4	1,670	9	498	147	—	2,328	120,003	3	—	21	111
1953-54	13	2,673	11	778	179	—	3,654	184,836	3	—	21	174
1954-55	13	2,746	2	423	82	—	3,266	180,766	3	—	21	156
1955-56	3	2,669	—	284	93	—	3,049	172,363	3	—	21	145
1956-57	7	2,057	—	980	84	—	3,128	148,068	3	—	21	149
1957-58	6	2,251	—	924	225	—	3,406	171,432	2	—	2) 20	150

1) Right-whale. 2) In addition some whaling boats, which in advance of and after the pelagic baleen whale season were operating from South Georgia. These whaling boats are included under the pelagic whaling. To this fact due consideration has been taken by calculating the "Number of whales per boat."

Table p.—South Georgia. Catch by months in absolute figures.

Species of whales. Seasons.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	Total.	The Whaling Statistics' total figures.	
<i>Total animals.</i>	1938-39.....	51	240	453	332	218	343	38	1,675	1,675
	1949-50.....	106	344	823	951	500	512	120	3,356	3,379
	1950-51.....	245	346	472	432	405	707	210	2,817	2,817
	1951-52.....	59	550	547	488	651	222	113	2,630	2,662
	1952-53.....	148	441	301	539	346	425	70	2,270	2,328
	1953-54.....	268	508	604	880	762	453	115	3,590	3,654
	1954-55.....	607	716	506	443	399	510	-	3,181	3,266
	1955-56.....	371	391	266	757	572	644	-	3,001	3,049
1956-57.....	314	404	460	562	627	701	-	3,068	3,128	
1957-58.....	234	488	869	465	665	636	-	3,357	3,406	
<i>Blue- whales.</i>	1938-39.....	-	7	131	35	24	32	3	232	232
	1949-50.....	2	3	4	-	-	4	1	14	14
	1950-51.....	2	5	42	22	4	7	-	82	82
	1951-52.....	-	2	-	-	2	2	-	6	6
	1952-53.....	-	1	1	-	-	-	3	4	4
	1953-54.....	1	1	6	4	-	1	-	13	13
	1954-55.....	1	-	7	2	2	1	-	13	13
	1955-56.....	1	-	1	-	-	1	-	3	3
1956-57.....	2	1	1	1	1	1	-	7	7	
1957-58.....	-	1	2	-	2	1	-	6	6	
<i>Fin- whales.</i>	1938-39.....	51	232	318	292	189	211	14	1,307	1,307
	1949-50.....	90	328	791	602	93	51	22	1,977	1,999
	1950-51.....	234	333	421	405	156	365	68	1,982	1,982
	1951-52.....	58	542	527	436	314	84	16	1,977	2,007
	1952-53.....	144	422	293	387	194	150	25	1,615	1,670
	1953-54.....	266	505	577	677	443	143	6	2,617	2,673
	1954-55.....	599	709	476	403	240	242	-	2,669	2,746
	1955-56.....	366	386	262	695	425	487	-	2,621	2,669
1956-57.....	312	387	446	438	336	94	-	2,013	2,057	
1957-58.....	203	486	847	418	200	61	-	2,215	2,251	
<i>Hump- backs.</i>	1938-39.....	-	-	-	-	-	-	-	-	-
	1949-50.....	-	3	13	5	4	1	-	26	26
	1950-51.....	2	3	2	-	-	1	-	8	8
	1951-52.....	-	-	9	1	-	-	-	10	10
	1952-53.....	1	4	1	-	-	3	-	9	9
	1953-54.....	-	-	2	6	1	2	-	11	11
	1954-55.....	-	2	-	-	-	-	-	2	2
	1955-56.....	-	-	-	-	-	-	-	-	-
1956-57.....	-	-	-	-	-	-	-	-	-	
1957-58.....	-	-	-	-	-	-	-	-	-	
<i>Sei- whales.</i>	1938-39.....	-	-	-	-	-	13	6	19	19
	1949-50.....	-	-	-	305	393	398	87	1,183	1,183
	1950-51.....	-	-	-	2	222	205	90	519	519
	1951-52.....	1	2	-	37	307	103	46	496	498
	1952-53.....	-	-	-	137	147	185	26	495	498
	1953-54.....	-	-	1	177	294	213	86	771	778
	1954-55.....	1	-	1	29	153	232	-	416	423
	1955-56.....	-	-	-	31	132	121	-	284	284
1956-57.....	-	-	1	103	271	589	-	964	980	
1957-58.....	-	-	-	30	388	494	-	912	924	
<i>Sperm- whales.</i>	1938-39.....	-	1	4	5	5	87	15	117	117
	1949-50.....	14	10	15	39	10	58	10	156	157
	1950-51.....	7	5	7	3	23	129	52	226	226
	1951-52.....	-	4	11	14	28	33	51	141	141
	1952-53.....	3	15	6	15	5	87	16	147	147
	1953-54.....	1	2	18	16	24	94	23	178	179
	1954-55.....	6	5	22	9	4	35	-	81	82
	1955-56.....	4	5	3	31	15	35	-	93	93
1956-57.....	-	16	12	20	19	17	-	84	84	
1957-58.....	31	1	20	17	75	80	-	224	225	

Table q.—South Georgia. Catch by months in percentage figures.

Species of whales. Seasons.		Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	Total.	The Whal- ing Statis- tics' total figures.
<i>Total animals</i>	1938-39	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1949-50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	.....	.	.	.	.	.	.	.	.	.
	.....	.	.	.	.	.	.	.	.	.
<i>Blue- whales</i>	1938-39	—	2.9	28.9	10.5	11.0	9.3	7.9	13.9	13.9
	1949-50	1.9	0.9	0.5	—	—	0.8	0.8	0.4	0.4
	1950-51	0.8	1.4	8.9	5.1	1.0	1.0	—	2.9	2.9
	1951-52	—	0.4	—	—	0.3	0.9	—	0.2	0.2
	1952-53	—	—	0.3	—	—	—	—	0.2	0.2
	1953-54	0.4	0.2	1.0	0.5	—	0.2	4.3	0.4	0.4
	1954-55	0.2	—	1.4	0.5	0.5	0.2	—	0.4	0.4
	1955-56	0.3	—	0.4	—	—	0.2	—	0.1	0.1
	1956-57	0.6	0.2	0.2	0.2	0.2	0.2	—	0.2	0.2
1957-58	—	0.2	0.2	—	0.3	0.2	—	0.2	0.2	
<i>Fin- whales</i>	1938-39	100.0	93.7	70.2	88.0	86.7	61.5	36.8	78.0	78.0
	1949-50	84.9	95.3	96.1	63.3	18.6	10.0	18.4	58.9	59.2
	1950-51	95.5	96.3	89.2	93.7	38.5	51.6	32.4	70.4	70.4
	1951-52	98.3	98.5	96.4	89.3	48.2	37.8	14.2	75.2	75.4
	1952-53	97.3	95.7	97.4	71.8	56.1	35.3	35.7	71.1	71.7
	1953-54	99.2	99.4	95.5	76.9	58.1	31.6	5.2	72.9	73.1
	1954-55	98.7	99.0	94.1	91.0	60.2	47.5	—	83.9	84.1
	1955-56	98.6	98.7	98.5	91.8	74.3	75.6	—	87.3	87.5
	1956-57	99.4	95.8	97.0	77.9	53.6	13.4	—	65.6	65.8
1957-58	86.8	99.6	97.5	89.9	30.1	9.6	—	66.0	66.1	
<i>Hump- backs</i>	1938-39	—	—	—	—	—	—	—	—	—
	1949-50	—	0.9	1.6	0.5	0.8	0.2	—	0.8	0.8
	1950-51	0.8	0.9	0.4	—	—	0.1	—	0.3	0.3
	1951-52	—	—	1.6	0.2	—	—	—	0.4	0.4
	1952-53	0.7	0.9	0.3	—	—	0.7	—	0.4	0.4
	1953-54	—	—	0.3	0.7	0.1	0.4	—	0.3	0.3
	1954-55	—	0.3	—	—	—	—	—	0.1	0.1
	1955-56	—	—	—	—	—	—	—	—	—
	1956-57	—	—	—	—	—	—	—	—	—
1957-58	—	—	—	—	—	—	—	—	—	
<i>Sei- whales</i>	1938-39	—	—	—	—	—	3.8	15.8	1.1	1.1
	1949-50	—	—	—	32.1	78.6	77.7	72.5	35.3	35.0
	1950-51	—	—	—	0.5	54.8	29.0	42.8	18.4	18.4
	1951-52	1.7	0.4	—	7.6	47.2	46.4	40.7	18.9	18.7
	1952-53	—	—	—	25.4	42.5	43.5	37.1	21.8	21.4
	1953-54	—	—	0.2	20.1	38.6	47.0	74.8	21.5	21.3
	1954-55	0.1	—	0.2	6.5	38.3	45.5	—	13.1	12.9
	1955-56	—	—	—	4.1	23.1	18.8	—	9.5	9.3
	1956-57	—	—	0.2	18.3	43.2	84.0	—	31.4	31.3
1957-58	—	—	—	6.5	58.3	77.7	—	27.2	27.1	
<i>Sperm- whales</i>	1938-39	—	0.4	0.9	1.5	2.3	25.4	39.5	7.0	7.0
	1949-50	13.2	2.9	1.8	4.1	2.0	11.3	8.3	4.6	4.6
	1950-51	2.9	1.4	1.5	0.7	5.7	18.3	24.8	8.0	8.0
	1951-52	—	0.7	2.0	2.9	4.3	14.9	45.1	5.3	5.3
	1952-53	2.0	3.4	2.0	2.8	1.4	20.5	22.9	6.5	6.3
	1953-54	0.4	0.4	3.0	1.8	3.2	20.8	20.0	4.9	4.9
	1954-55	1.0	0.7	4.3	2.0	1.0	6.8	—	2.5	2.5
	1955-56	1.1	1.3	1.1	4.1	2.6	5.4	—	3.1	3.1
	1956-57	—	4.0	2.6	3.6	3.0	2.4	—	2.8	2.7
1957-58	13.2	0.2	2.3	3.6	11.3	12.5	—	6.6	6.6	

Table r.—South Georgia. Catch of immature and mature whales 1938/39 and 1949/50—1957/58.

	1938—39.		1949—50.		1950—51.		1951—52.		1952—53.		1953—54.		1954—55.		1955—56.		1956—57.		1957—58.	
	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.	Number of whales.	Per cent.
<b>Blue-whales.</b>																				
Immature																				
males	44	44.9	6	85.7	19	45.2	2	100.0	1	100.0	1	33.3	4	66.7	1	100.0	5	100.0	4	100.0
females	65	48.5	3	42.9	16	40.0	3	75.0	2	66.7	8	80.0	7	100.0	—	—	1	50.0	1	50.0
animals	109	47.0	9	64.3	35	42.7	5	83.3	3	75.0	9	69.2	11	84.6	1	33.3	6	85.7	5	83.3
Mature																				
males	54	55.1	1	14.3	23	54.8	—	—	—	—	2	66.7	2	33.3	—	—	—	—	—	—
females	69	51.5	4	57.1	24	60.0	1	25.0	1	33.3	2	20.0	—	—	2	100.0	1	50.0	1	50.0
animals	123	53.0	5	35.7	47	57.3	1	16.7	1	25.0	4	30.8	2	15.4	2	66.7	1	14.3	1	16.7
<b>Fin-whales.</b>																				
Immature																				
males	188	30.7	353	37.3	259	30.4	319	34.6	307	38.9	660	52.5	584	47.6	515	41.9	489	51.7	366	38.4
females	231	33.2	349	33.9	357	31.6	383	36.3	323	39.1	747	54.9	605	42.0	583	41.9	537	50.3	402	31.9
animals	419	32.1	702	35.5	616	31.1	702	35.5	630	39.0	1,407	53.8	1,189	44.5	1,098	41.9	1,026	51.0	768	34.7
Mature																				
males	424	69.3	594	62.7	593	69.6	604	65.4	482	61.1	597	47.5	643	52.4	715	58.1	457	48.3	588	61.6
females	464	66.8	681	66.1	773	68.4	671	63.7	503	60.9	613	45.1	837	58.0	808	58.1	530	49.7	859	68.1
animals	888	67.9	1,275	64.5	1,366	68.9	1,275	64.5	985	61.0	1,210	46.2	1,480	55.5	1,523	58.1	987	49.0	1,447	65.3



Table s.—Antarctic whaling results for the various countries 1937/38, 1938/39 and 1945/46—1957/58.

Years.	All countries.		Norway.		British Commonwealth.		Of which				Japan.	
	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	United Kingdom.		Union of South Africa.		Number of whales.	Oil production.
							Number of whales.	Oil production.	Number of whales.	Oil production.		
		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>
1937-38.....	46,039	3,340,330 <sup>2)</sup>	14,960 <sup>3)</sup>	1,157,993	16,111	1,153,365	13,286	959,692	2,825	193,673	5,582	388,683
1938-39.....	38,356	2,820,771 <sup>2)</sup>	11,521 <sup>3)</sup>	842,712	11,192	891,791	10,022	790,846	1,170	100,945	7,540	483,476
1945-46.....	13,387	818,652	7,246	520,873	5,059	252,751	5,059	252,751	-	-	-	-
1946-47.....	25,593	1,939,742	12,533	980,838	9,872	725,469	7,306	520,590	2,566	204,879	1,175	73,295
1947-48.....	31,318	2,104,051	15,656	1,050,831	11,406	759,813	8,448	578,757	2,958	181,056	1,324	104,912
1948-49.....	31,435	2,219,621	16,196	1,108,027	10,204	756,531	7,596	595,803	2,608	160,728	1,643	119,361
1949-50.....	32,396	2,166,489	16,799	1,106,487	9,668	663,715	7,786	518,417	1,882	145,298	2,114	168,754
1950-51.....	33,997	2,303,690	16,844	1,116,284	8,768	636,241	6,227	474,330	2,541	161,911	2,741	170,596
1951-52.....	35,237	2,479,180	15,650	1,136,643	9,432	686,216	6,938	500,254	2,494	185,962	3,831	259,476
1952-53.....	30,653	2,118,097	11,240	813,979	9,424	641,467	6,964	491,012	2,460	150,455	2,645	207,335
1953-54.....	34,872	2,285,720	14,928	1,027,807	9,846	685,045	7,620	537,774	2,226	147,271	4,218	252,677
1954-55.....	37,654	2,242,555	14,491	869,241	9,608	571,124	7,912	471,315	1,696	99,809	5,958	366,915
1955-56.....	38,580	2,307,171	14,510	852,482	9,628	584,299	7,444	474,760	2,184	109,539	6,462	408,853
1956-57.....	36,115	2,246,922	15,043	1,004,373	7,862	468,517	6,266	381,931	1,596	86,586	8,093	492,507
1957-58.....	39,896	2,317,638	13,289	853,810	7,080	400,705	7,080	400,705	-	-	11,763	627,849
<i>In per cent</i>	%	%	%	%	%	%	%	%	%	%	%	%
1937-38.....	100.0	100.0	32.5	34.7	35.0	34.5	28.9	28.7	6.1	5.8	12.1	11.6
1938-39.....	100.0	100.0	30.0	29.9	29.2	31.6	26.1	28.0	3.1	3.6	19.6	17.1
1945-46.....	100.0	100.0	54.1	63.6	37.8	30.9	37.8	30.9	-	-	-	-
1946-47.....	100.0	100.0	49.0	50.5	38.6	37.4	28.5	28.8	10.1	10.6	4.6	3.8
1947-48.....	100.0	100.0	50.0	49.9	36.4	36.1	27.0	27.5	9.4	8.6	4.2	5.0
1948-49.....	100.0	100.0	51.5	49.9	32.5	34.1	24.2	26.9	8.3	7.2	5.2	5.4
1949-50.....	100.0	100.0	51.9	51.1	29.8	30.6	24.0	23.9	5.8	6.7	6.5	7.8
1950-51.....	100.0	100.0	49.5	48.5	25.8	27.6	18.3	20.6	7.5	7.0	8.1	7.4
1951-52.....	100.0	100.0	44.4	45.8	26.8	27.7	19.7	20.2	7.1	7.5	10.9	10.5
1952-53.....	100.0	100.0	36.7	38.4	30.8	30.3	22.8	23.2	8.0	7.1	8.6	9.8
1953-54.....	100.0	100.0	42.8	45.0	28.2	30.0	21.8	23.5	6.4	6.5	12.1	11.0
1954-55.....	100.0	100.0	38.5	38.8	25.5	25.5	21.0	21.0	4.5	4.5	15.8	16.3
1955-56.....	100.0	100.0	37.6	36.9	25.0	25.3	19.3	20.6	5.7	4.7	16.7	17.7
1956-57.....	100.0	100.0	41.6	44.7	21.8	20.9	17.4	17.0	4.4	3.9	22.4	21.9
1957-58.....	100.0	100.0	33.3	36.8	17.7	17.3	17.7	17.3	-	-	29.5	27.1

Years.	Argentina.		Germany.		Panama.		United States of America.		Netherlands.		U.S.S.R.	
	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.
		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>		Barrels. <sup>1)</sup>
1937-38....	1,062	51,766	5,237	356,858	1,527	117,650	1,560	114,015	-	-	-	-
1938-39....	1,024	66,826	5,066	374,149	907	68,853	1,106	92,964	-	-	-	-
1945-46....	1,082	45,028	-	-	-	-	-	-	-	-	-	-
1946-47....	857	47,830	-	-	-	-	-	-	770	77,310	386	35,000
1947-48....	814	44,965	-	-	-	-	-	-	1,294	85,130	824	58,400
1948-49....	919	52,518	-	-	-	-	-	-	1,366	109,849	1,107	73,335
1949-50....	946	41,348	-	-	-	-	-	-	1,295	82,792	1,574	103,393
1950-51....	796	40,593	-	-	1,497	126,522	-	-	1,660	103,560	1,691	109,894
1951-52....	798	41,825	-	-	1,408	97,073	-	-	1,650	110,300	2,468	147,647
1952-53....	678	32,187	-	-	2,365	164,150	-	-	1,575	103,710	2,726	155,269
1953-54....	1,083	53,478	-	-	-	-	-	-	1,711	97,596	3,086	169,117
1954-55....	947	50,568	-	-	2,512	147,880	-	-	848	64,739	3,290	172,088
1955-56....	812	43,376	-	-	2,730	160,960	-	-	1,665	103,465	2,773	153,736
1956-57....	1,108	51,330	-	-	-	-	-	-	1,409	92,489	2,600	137,706
1957-58....	1,860	94,199	-	-	-	-	-	-	1,867	116,497	4,037	224,578
<i>In per cent</i>	%	%	%	%	%	%	%	%	%	%	%	%
1937-38....	2.3	1.6	11.4	10.7	3.3	3.5	3.4	3.4	-	-	-	-
1938-39....	2.7	2.4	13.2	13.3	2.4	2.4	.9	3.3	-	-	-	-
1945-46....	8.1	5.5	-	-	-	-	2	-	-	-	-	-
1946-47....	3.3	2.5	-	-	-	-	-	-	3.0	4.0	1.5	1.8
1947-48....	2.6	2.1	-	-	-	-	-	-	4.2	4.1	2.6	2.8
1948-49....	2.9	2.4	-	-	-	-	-	-	4.4	4.9	3.5	3.3
1949-50....	2.9	1.9	-	-	-	-	-	-	4.0	3.8	4.9	4.8
1950-51....	2.3	1.7	-	-	4.4	5.5	-	-	4.9	4.5	5.0	4.8
1951-52....	2.2	1.7	-	-	4.0	3.9	-	-	4.7	4.4	7.0	6.0
1952-53....	2.2	1.5	-	-	7.7	7.8	-	-	5.1	4.9	8.9	7.3
1953-54....	3.1	2.3	-	-	-	-	-	-	4.9	4.3	8.9	7.4
1954-55....	2.5	2.2	-	-	6.7	6.6	-	-	2.3	2.9	8.7	7.7
1955-56....	2.1	1.9	-	-	7.1	7.0	-	-	4.3	4.5	7.2	6.7
1956-57....	3.1	2.3	-	-	-	-	-	-	3.9	4.1	7.2	6.1
1957-58....	4.7	4.1	-	-	-	-	-	-	4.7	5.0	10.1	9.7

<sup>1)</sup> Barrel = 170 kg. (Barrel = abt. 1/6 long ton. 1 long ton = 1,016 kg.) <sup>2)</sup> Including the catch of two Norwegian expeditions hired by Germany—in 1937-38 2,153 whales and in 1938-39 1,658 whales. <sup>3)</sup> Including the production of two Norwegian expeditions hired by Germany—in 1937-38 180,750 barrels and in 1938-39 118,380 barrels.

Table t.—Average production of oil per blue-whale unit.<sup>1)</sup>

Years.	South Georgia.	Pelagic whaling.	Years.	South Georgia.	Pelagic whaling.
	Barrels <sup>2)</sup>	Barrels <sup>2)</sup>		Barrels	Barrels
1924-25.....	87.5	85.0	1941-42.....	110.1	—
1925-26.....	84.0	84.8	1942-43.....	95.2	—
1926-27.....	96.4	91.1	1943-44.....	120.2	142.9
1927-28.....	106.4	92.8	1944-45.....	111.5	118.0
1928-29.....	108.2	98.3	1945-46.....	83.1	98.6
1929-30.....	110.7	109.6	1946-47.....	112.5	113.1
1930-31.....	100.1	105.6	1947-48.....	128.3	111.2
1931-32.....	92.9	102.6	1948-49.....	126.5	115.9
1932-33.....	86.5	114.6	1949-50.....	115.0	118.6
1933-34.....	91.8	111.9	1950-51.....	121.5	117.3
1934-35.....	105.1	102.2	1951-52.....	127.6	129.4
1935-36.....	95.5	101.6	1952-53.....	126.3	128.0
1936-37.....	104.5	111.7	1953-54.....	121.1	128.6
1937-38.....	95.7	111.1	1954-55.....	124.6	117.3
1938-39.....	117.6	107.1	1955-56.....	123.6	121.6
1939-40.....	106.1	117.2	1956-57.....	122.9	128.7
1940-41.....	109.1	105.8	1957-58.....	126.9	124.9

<sup>1)</sup> Other whales are reduced to blue-whale units on the following basis: — 1 blue-whale = 2 fin-whales = 2½ humpbacks = 6 sei-whales. <sup>2)</sup> Barrel = 170 kg. (Barrel = abt. ¼ long ton. 1 long ton = 1,016 kg.)

From the survey below will be seen the whaling results in the individual areas during the two latest seasons.

	Catch in blue-whale units 1956-57			Catch in blue-whale units 1957-58		
	Number of blue-whale units	Per cent	Per catcher's day's work	Number of blue-whale units	Per cent	Per catcher's day's work
Total .....	14,636	100.0	0.95	14,770	100.0	0.90
Of which in:						
Area II ...	5,724	39.1	0.93	2,872	19.5	0.73
" III ...	2,186	14.9	0.92	5,267	35.7	0.95
" IV ...	226	1.5	1.04	2,022	13.7	1.10
" V ...	12	0.1	0.43	716	4.8	0.92
" VI ...	3,173	21.7	1.01	2,721	18.4	0.99
" I ...	3,315	22.7	0.95	1,172	7.9	0.72

In the Pacific sector (70° west to 160° west) which was open for pelagic whaling during the seasons 1955-56, 1956-57 and 1957-58 the catch during the last season resulted in 3,687.2 blue-whale units or 25 per cent of the total catch, as compared with 5,804.3 (39.7 per cent) in 1956-57 and 3,681.2 (24.9 per cent) in 1955-56.

In 1957-58 the most favourable results were obtained in area III, where the whaling operations resulted in 5,266.7 blue-whale units or 35.7 per cent of the total catch. During the two preceding seasons 1956-57 and 1955-56 the corresponding percentage figures for this area were 14.9 and 26.2, respectively. In area II the catch amounted to 2,872.1 blue-whale

units or 19.5 per cent during the last season against 5,723.9 (39.1 per cent) in 1956-57 and 3,789.8 (25.6 per cent) during the season 1955-56. The catch in area IV was 2,022 blue-whale units or 13.7 per cent in 1957-58 against only 225.6 units (1.5 per cent) in 1956-57. There was also increased catch in area V, viz. 716 blue-whale units (4.8 per cent) in 1957-58 against only 11.6 units (0.1 per cent) during the preceding season. On the other hand, the whaling results in area I were less favourable during the season 1957-58, viz. 1,171.9 blue-whale units (7.9 per cent) against 3,315.3 (22.7 per cent) in 1956-57.

The catch of blue- and fin-whales during the season 1957-58 has been divided over the individual areas as follows:—

	Blue-whales killed during 1957-58			Fin-whales killed during 1957-58		
	Number	Per cent	Per catcher's day's work	Number	Per cent	Per catcher's day's work
Total . . . . .	1,683	100.0	0.16	25,067	100.0	1.53
Of which in:						
Area II . . .	236	14.0	0.12	5,211	20.8	1.33
" III . . .	620	36.9	0.17	9,197	36.7	1.67
" IV . . .	186	11.1	0.11	3,579	14.3	1.95
" V . . .	76	4.5	0.13	1,130	4.5	1.46
" VI . . .	440	26.1	0.23	4,107	16.4	1.51
" I . . .	125	7.4	0.12	1,843	7.3	1.13

In 1957-58 36.9 per cent of the blue-whales killed were taken in area III against 18.3 per cent during the season 1956-57. In area VI the blue-whale catch represented 26.1 per cent of the total catch against 41.0 per cent during the preceding season.

Of the fin-whales killed 36.7 per cent were taken in area III and 14.3 per cent in area IV against 15.0 and 1.1 per cent respectively in 1956-57. There was a considerable decrease in the proportion of fin-whales killed in areas I and II in 1957-58.

The taking of humpback whales is prohibited between 0° and 70° West. The humpback catch during the last three seasons was divided over the individual areas as follows:

	Season 1955/56		Season 1956/57		Season 1957/58	
	Number of humpbacks killed	Per cent	Number of humpbacks killed	Per cent	Number of humpbacks killed	Per cent
Total . . . . .	1,425	100.0	673	100.0	396	100.0
Of which in:						
Area II . . .	—	—	—	—	—	—
" III . . .	64	4.5	8	1.2	116	29.3
" IV . . .	824	57.8	—	—	—	—
" V . . .	194	13.6	—	—	23	5.8
" VI . . .	329	23.1	10	1.5	167	42.2
" I . . .	14	1.0	655	97.3	90	22.7

Table *m*, page 26, contains a summary of the aggregate catch of blue-whales, fin-whales, humpbacks and sperm-whales in the individual areas throughout the entire period 1931/32–1957/58. During this period a total number of 569,149 baleen whales (excluding sei-whales) have been killed. In the survey below the percentage proportion of the catch specified for each area in the entire period is compared with the corresponding figures for the last two seasons:—

Area	II	....	Blue-, fin- and humpback-whales killed		
			Seasons 1931/32-1957/58	Season 1956/57	Season 1957/58
	II	....	28.1 per cent	39.8 per cent	20.0 per cent
"	III	....	37.6 " "	14.8 " "	36.6 " "
"	IV	....	21.2 " "	1.3 " "	13.9 " "
"	V	....	6.0 " "	0.1 " "	4.5 " "
"	VI	....	4.7 " "	20.6 " "	17.4 " "
"	I	....	2.4 " "	23.4 " "	7.6 " "
Total			100.0 per cent	100.0 per cent	100.0 per cent

Table *n*, page 27, gives a survey of the pelagic whaling results of the individual participating countries as from 1937–38 (excl. the war seasons) regarding the number of whales killed, oil production and number of catchers employed in each season.

### South Georgia.

The whaling results from South Georgia for each season since 1919–20 are given in table *o*, page 28. During all the post-war seasons except the last one in 1957–58 3 shore stations have carried on whaling from South Georgia. During the last season only the British and the Argentine station were operating, while the Norwegian station was closed. However, the two stations operating in 1957–58 employed about the same number of catchers as formerly engaged by all the 3 stations during each of the previous seasons back to 1947–48, and the total number of whales killed in 1957–58 was 3,406 against 3,128 in the preceding season. During the 12 post-war seasons 1946/47–1957/58 the annual average number of whales killed has been about 3,000. During the earlier of these post-war seasons quite a considerable number of blue-whales was killed off South Georgia, viz. 327 in 1946–47, 226 in 1948–49 and 82 in 1950–51. During later seasons the blue-whale catch has been insignificant. In 1957–58 only 6 blue-whales were killed. The fin-whale is the prevailing species killed in the pelagic operations as well as off South Georgia, but on this ground the catch of sei-whales is also important. During all the post-war seasons a greater number of sei-whales has been killed here than in pelagic whaling. During the season 1957–58 the oil production amounted to 171,432 barrels, of which 160,709

**Table u.—Average weekly production of whale-oil per blue-whale unit in the pelagic whaling 1956-57 and 1957-58.**

Season 1956-57.				Season 1957-58.			
Week ending	Production of whale-oil.	Number of blue-whale units.	Prod. per blue-whale unit.	Week ending	Production of whale-oil.	Number of blue-whale units.	Prod. per blue-whale unit.
	Barrels.		Barrels.		Barrels.		Barrels.
12/1 1957	187,393	1,671.5	112.5	11/1 1958	108,990	1,140.5	95.6
19/1 "	184,289	1,545.0	119.3	18/1 "	193,583	1,739.9	111.3
26/1 "	167,677	1,334.5	125.6	25/1 "	153,533	1,405.4	109.2
2/2 "	174,703	1,521.0	114.9	1/2 "	161,080	1,321.3	121.9
9/2 "	243,596	1,891.7	128.8	8/2 "	198,940	1,715.6	116.0
16/2 "	266,773	2,023.7	131.8	15/2 "	205,054	1,541.4	133.0
23/2 "	218,591	1,557.7	140.3	22/2 "	181,722	1,352.7	134.3
2/3 "	166,059	1,185.6	140.1	1/3 "	198,859	1,486.9	133.7
9/3 "	121,616	886.6	137.2	8/3 "	172,898	1,321.4	130.8
16/3 "	152,235	1,018.9	149.4	16/3 "	264,714	1,745.4	151.7
Total	1,882,932	14,636.2	128.6	Total	1,839,373	14,770.5	124.5

barrels of whale oil and 10,723 barrels of sperm oil. During the preceding season the corresponding figures were 148,068 barrels, of which 144,261 barrels of whale oil and 3,807 barrels of sperm oil.

Tables *p* and *q*, pages 29 and 30, give the catch off South Georgia by months in absolute and percentage figures for 1938-39 and for the post-war seasons from and including 1949-50. Table *r*, page 31, shows the proportion of mature and immature animals killed.

In table *s*, pages 32 and 33, the total whaling results in the Antarctic from 1937-38 up to and including 1957-58, with exception of the war years, have been distributed in respect to the individual participating countries. During the last 5 seasons the percentage proportion of the oil production of the individual countries has been as follows:—

	Oil production during the last 5 seasons				
	1953/54 Per cent	1954/55 Per cent	1955/56 Per cent	1956/57 Per cent	1957/58 Per cent
Norway .....	45.0	38.8	36.9	44.7	36.8
United Kingdom .....	23.5	21.0	20.6	17.0	17.3
Union of South Africa .....	6.5	4.5	4.7	3.9	—
Japan .....	11.0	16.3	17.7	21.9	27.1
Panama .....	—	6.6	7.0	—	—
U.S.S.R. ....	7.4	7.7	6.7	6.1	9.7
Netherlands .....	4.3	2.9	4.5	4.1	5.0
Argentina .....	2.3	2.2	1.9	2.3	4.1
Total .....	100.0	100.0	100.0	100.0	100.0

The average output of whale-oil per blue-whale unit for South Georgia and for the pelagic expeditions from and including the season 1924-25 has been recorded in table *t*, page 34. For pelagic whaling the average output

**Table v.—Production of by-products in the Antarctic whaling in the seasons 1945/46—1957/58.**

Seasons Countries	By-products	Whale	Whale liver	Liver-	Liver	Meat	Whale meat,	Whale	Other
		meat-meal, bone-meal, grax meal, guano	liver or flakes	oil	meal	extract, liver extract	blubber, ventral grooves	solubles	by- products <sup>1)</sup>
		Long tons	L. tons	L. tons	L. tons	L. tons	L. tons	L. tons	L. tons
1945-46 . . . . .	Total	13,191	575	6	38	—	—	—	16
1946-47 . . . . .	Total	19,302	671	79	380	104	21,914	—	33
1947-48 . . . . .	Total	24,460	918	112	495	138	30,062	—	1,231
1948-49 . . . . .	Total	26,792	1,173	166	596	88	39,635	—	2,127
1949-50 . . . . .	Total	25,852	817	250	573	97	46,824	779	1,532
1950-51 . . . . .	Total	25,821	841	264	622	44	28,389	2,444	946
1951-52 . . . . .	Total	24,116	823	195	435	53	28,299	5,760	821
1952-53 . . . . .	Total	25,584	601	155	456	134	28,581	5,390	57
<i>1953-54.</i>									
Norway . . . . .		5,489	74	88	—	—	65	711	16
United Kingdom . .		20,177	—	51	385	286	5,598	9,174	17
Union of S. Africa .		3,203	111	—	—	—	—	—	—
Netherlands . . . . .		—	—	—	—	—	—	—	—
U.S.S.R. . . . .		1,629	—	—	—	—	—	—	409
Japan . . . . .		—	—	60	—	—	29,129	—	1,337
Argentina . . . . .		5,162	—	—	—	—	—	—	7
Total		35,660	185	199	385	286	34,792	9,885	1,786
<i>1954-55.</i>									
Norway . . . . .		5,413	113	84	—	69	73	949	29
United Kingdom . .		20,804	—	28	115	390	5,660	7,559	21
Union of S. Africa .		2,809	—	25	—	—	—	—	—
Netherlands . . . . .		—	5	8	—	—	65	—	29
U.S.S.R. . . . .		1,919	551	—	—	—	502	—	3
Panama . . . . .		—	—	4	—	—	—	—	—
Japan . . . . .		—	—	69	—	—	36,381	—	3,412
Argentina . . . . .		4,574	—	—	—	—	—	—	3
Total		35,519	669	218	115	459	42,681	8,508	3,497
<i>1955-56.</i>									
Norway . . . . .		10,249	134	63	—	82	104	1,101	30
United Kingdom . .		21,455	—	37	162	183	2,932	6,445	6
Union of S. Africa .		3,404	—	29	—	—	—	—	—
Netherlands . . . . .		1,936	—	14	—	—	—	—	—
U.S.S.R. . . . .		2,021	621	—	—	—	497	—	—
Panama . . . . .		—	—	15	—	—	—	—	70
Japan . . . . .		—	—	94	—	—	42,302	—	2,437
Argentina . . . . .		4,124	—	—	—	—	—	—	7
Total		43,189	755	252	162	265	45,835	7,546	2,550
<i>1956-57.</i>									
Norway . . . . .		9,859	104	49	—	136	365	1,520	18
United Kingdom . .		18,156	56	39	156	225	5,060	5,006	14
Union of S. Africa .		3,557	—	18	—	—	—	—	—
Netherlands . . . . .		2,380	—	13	—	—	—	—	54
U.S.S.R. . . . .		2,471	532	—	—	—	—	—	—
Japan . . . . .		—	—	136	—	—	65,295	—	4,420
Argentina . . . . .		6,312	—	—	—	—	—	—	4
Total		42,735	692	255	156	361	70,720	6,526	4,510
<i>1957-58.</i>									
Norway . . . . .		5,099	57	47	—	178	401	1,486	4
United Kingdom . .		21,611	1	39	113	411	4,822	8,147	17
Netherlands . . . . .		2,242	—	15	—	—	—	—	43
U.S.S.R. . . . .		3,942	537	—	—	—	—	—	—
Japan . . . . .		881	—	137	—	—	80,372	—	11,447
Argentina . . . . .		11,139	—	—	—	—	—	—	—
Total		44,914	595	238	113	589	85,595	9,633	11,511

<sup>1)</sup> Products such as: Sinews, teeth, baleen, ambergris, pancreas, processed bone, bone fertilizer, protein, hypophyses, internal organs, blubber for leather, gelatin material, tail flukes, etc.

was 124.9 barrels during the season 1957–58 against 128.7 barrels during the preceding season. In the survey below is given the average output of oil per blue-whale unit in the individual areas from and including 1951–52.

Season	Average oil output per blue-whale unit during the last 7 seasons							Total Barrels
	Area II Barrels	Area III Barrels	Area IV Barrels	Area V Barrels	Area VI Barrels	Area I Barrels		
1951–52 ..	141.5	129.9	115.2	122.3	136.2	—	129.4	
1952–53 ..	149.9	120.2	117.4	126.2	134.3	—	128.0	
1953–54 ..	137.3	129.0	114.1	105.1	119.7	148.2	128.6	
1954–55 ..	133.4	112.2	115.3	112.0	118.2	—	117.3	
1955–56 ..	127.5	113.7	105.6	114.2	118.3	144.3	121.6	
1956–57 ..	133.0	139.3	146.5	88.2	118.3	122.9	128.7	
1957–58 ..	133.6	125.6	126.5	99.7	116.7	126.9	124.9	

Table *u*, page 37, shows the average weekly production of whale oil per blue-whale unit for the pelagic expeditions during the seasons 1956–57 and 1957–58. It will appear from this table that the average weekly yield per blue-whale unit during the season 1956–57 increased from 112.5 barrels during the week 7/1–12/1 to 149.4 barrels during the last week 10/3–16/3. In the season 1957–58 the output increased from 95.6 barrels during the week 7/1–11/1 to 151.7 barrels during the last week 9/3–16/3.

In table *v*, page 38, detailed information is given on the production of by-products in the Antarctic during the post-war seasons. From and including the season 1953–54 the figures are distributed in respect to the individual countries.

From the survey below will be seen the number of men of different nationalities employed in the Antarctic whaling industry during the 3 latest seasons. The figures include the crews employed on the freezing- and refrigeratorships operating in the Antarctic.

Nationalities	Number of men employed in the Antarctic whaling industry					
	Season 1955/56		Season 1956/57		Season 1957/58	
	Number	Per cent	Number	Per cent	Number	Per cent
Norwegian .....	7,594	50.4	7,299	44.2	6,693	37.8
Japanese .....	4,071	27.0	6,486	39.3	8,402	47.5
British .....	1,198	8.0	1,144	6.9	911	5.1
Russian .....	754	5.0	820 <sup>1)</sup>	5.0	940 <sup>1)</sup>	5.3
Others <sup>2)</sup> .....	1,451	9.6	758	4.6	765	4.3
Total .....	15,068	100.0	16,507	100.0	17,711	100.0

<sup>1)</sup> Estimated. <sup>2)</sup> Incl. also men whose nationality is unknown.





Table No. 1.—Whaling in the Antarctic in the season 1957/58.

Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia . . . .	6	2,251	—	924	225	3,406	171,432	2	—	20
Antarctic, pelagic whaling . . . . .	1,684	25,222	396	2,385	6,310	<sup>2</sup> 35,997	2,146,206	—	20	237
Total	1,690	27,473	396	3,309	6,535	39,403	2,317,638	2	20	257

<sup>1</sup>) Barrel = 170 kg. (Barrel = abt.  $\frac{1}{8}$  long ton, 1 long ton = 1.016 kg.) <sup>2</sup>) In addition 493 Minke-whales and 75 killer-whales.

Table No. 2.—Whaling results for the various countries in the Antarctic in the season 1957/58.

Countries. Geographical areas.	Species of whales caught.						Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Total of whales.		Shore stations.	Floating factories.	Catchers.
Norway:—							Barrels <sup>1</sup> )			
Antarctic, pelagic	578	10,023	32	14	2,642	13,289	853,810	—	9	94
Japan:—										
Antarctic, pelagic	656	7,295	223	1,466	2,123	11,763	627,849	—	6	68
United Kingdom:—										
South Georgia . . .	5	1,052	—	385	104	1,546	77,233	1	—	8
Antarctic, pelagic	62	3,945	59	685	783	5,534	323,472	—	3	37
U.S.S.R.:—										
Antarctic, pelagic	221	2,563	60	219	481	<sup>2</sup> ) 3,544	224,578	—	1	24
Netherlands:—										
Antarctic, pelagic	167	1,396	22	1	281	1,867	116,497	—	1	14
Argentina:—										
South Georgia . . .	1	1,199	—	539	121	1,860	94,199	1	—	12
Total	1,690	27,473	396	3,309	6,535	39,403	2,317,638	2	20	257

<sup>1</sup>) Barrel = 170 kg. (Barrel = abt.  $\frac{1}{8}$  long ton, 1 long ton = 1.016 kg.) <sup>2</sup>) In addition 493 Minke-whales and 75 killer-whales.

**Table No. 3.—Average size of whales caught in the Antarctic in the season 1957/58.**

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<b>Blue-whales.</b>				
<i>South Georgia</i> .....	No. 1	Engl. feet.	Engl. feet.	Engl. feet.
Males 4 } Total 6.	" 2	71.33	81.50	75.40
Females 2 }		70.00	—	70.00
Average		71.00	81.50	74.50
<i>Antarctic, pelagic whaling</i> .....	No. 1	—	88.00	88.00
Males 857 } Total 1,682.	" 2	75.13	84.00	80.45
Females 825 }	" 3	77.69	82.37	79.81
	" 4	76.09	81.07	78.84
	" 5	76.23	80.03	78.24
	" 6	76.91	78.95	77.91
	" 7	76.20	79.43	77.86
	" 8	75.35	80.64	77.82
	" 9	75.69	79.29	77.24
	" 10	75.24	78.67	77.15
	" 11	75.45	78.86	77.10
	" 12	74.65	78.88	76.85
	" 13	75.02	79.00	76.78
	" 14	74.92	78.70	76.73
	" 15	74.82	79.50	76.67
	" 16	75.18	79.00	76.65
	" 17	75.03	77.22	76.28
	" 18	74.38	77.46	76.00
	" 19	72.00	76.42	74.47
	" 20	74.00	72.60	73.22
Average		75.37	78.97	77.14
<b>Fin-whales.</b>				
<i>South Georgia</i> .....	No. 1	63.61	67.89	66.06
Males 954 } Total 2,215.	" 2	63.78	67.81	66.06
Females 1,261 }				
Average		63.69	67.85	66.06
<i>Antarctic, pelagic whaling</i> .....	No. 1	67.04	71.52	69.56
Males 12,113 } Total 25,067.	" 2	65.50	69.28	67.56
Females 12,954 }	" 3	65.92	69.21	67.53
	" 4	66.09	68.89	67.45
	" 5	65.75	68.87	67.29
	" 6	66.15	68.04	67.01
	" 7	65.16	68.42	66.87
	" 8	64.83	68.42	66.69
	" 9	64.73	68.15	66.58
	" 10	64.54	68.11	66.58
	" 11	64.21	67.69	66.12
	" 12	64.23	67.49	66.12
	" 13	64.26	67.42	65.96
	" 14	63.99	67.49	65.69
	" 15	64.31	66.68	65.44
	" 16	62.96	66.93	65.15
	" 17	63.67	66.26	65.01
	" 18	63.63	66.18	64.97
	" 19	63.55	66.27	64.86
	" 20	63.56	65.79	64.65
Average		64.66	67.72	66.24

Table No. 3 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<b><u>Humpbacks.</u></b>				
<i>Antarctic, pelagic whaling</i> .....	No. 1	Engl. feet	Engl. feet	Engl. feet
Males 188 } Total 396.	" 2	41.00	44.77	42.81
Females 208 }	" 3	35.00	43.00	41.00
	" 4	42.31	41.64	42.03
	" 5	41.23	42.42	41.98
	" 6	39.44	43.35	41.34
	" 7	40.50	41.18	41.00
	" 8	40.33	41.60	41.00
	" 9	41.50	40.00	41.00
	" 10	35.00	43.00	41.00
	" 11	40.44	41.50	40.95
	" 12	—	40.50	40.50
	" 13	—	40.00	40.00
	" 14	37.92	40.11	38.82
		38.67	—	38.67
Average		40.83	42.13	41.52
<b><u>Sei-whales.</u></b>				
<i>South Georgia</i> .....	No. 1	48.74	51.21	50.11
Males 385 } Total 912.	" 2	48.10	51.17	49.98
Females 527 }				
Average		48.50	51.19	50.05
<i>Antarctic, pelagic whaling</i> .....	No. 1	—	53.00	53.00
Males 760 } Total 2,375.	" 2	—	53.00	53.00
Females 1,615 }	" 3	—	53.00	53.00
	" 4	—	51.14	51.14
	" 5	—	51.00	51.00
	" 6	48.64	51.64	51.01
	" 7	49.04	51.77	50.87
	" 8	48.88	51.50	50.76
	" 9	48.15	51.90	50.80
	" 10	48.57	51.74	50.45
	" 11	48.19	50.90	50.21
	" 12	47.77	50.96	50.19
	" 13	48.63	51.30	50.12
	" 14	—	50.00	50.00
	" 15	46.49	51.52	49.62
	" 16	49.00	—	49.00
	" 17	—	48.00	48.00
	" 18	47.00	—	47.00
Average		48.26	51.31	50.33
<b><u>Sperm-whales.</u></b>				
<i>South Georgia</i> .....	No. 1	47.51	—	47.51
Males 224	" 2	46.66	—	46.66
Average		47.12	—	47.12

Table No. 3 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
<i>Antarctic, pelagic whaling</i> ..... Males 6,294 } Total 6,296. Females 2 }	No. 1	Engl. feet 48.73	Engl. feet —	Engl. feet 48.73
	" 2	48.55	—	48.55
	" 3	48.51	—	48.51
	" 4	48.42	—	48.42
	" 5	48.07	—	48.07
	" 6	48.01	—	48.01
	" 7	47.84	—	47.84
	" 8	47.81	38.00	47.79
	" 9	47.70	—	47.70
	" 10	47.69	—	47.69
	" 11	47.64	—	47.64
	" 12	47.40	—	47.40
	" 13	47.31	—	47.31
	" 14	47.01	—	47.01
	" 15	47.00	—	47.00
	" 16	47.03	35.00	46.99
	" 17	46.96	—	46.96
	" 18	46.86	—	46.86
	" 19	46.85	—	46.85
	" 20	46.56	—	46.56
Average		47.53	36.50	47.52

Table No. 4.—Whales caught in the Antarctic in the season 1957/58, by species, sex and size.

## Total Antarctic.

## Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
49	1	—	1	82	30	37	67
62	—	1	1	83	12	37	49
63	1	1	2	84	11	41	52
64	5	2	7	85	8	44	52
65	8	6	14	86	3	32	35
66	2	6	8	87	1	39	40
67	10	5	15	88	1	28	29
68	4	4	8	89	1	24	25
69	11	4	15	90	—	20	20
70	63	52	115	91	—	4	4
71	75	50	125	92	—	4	4
72	59	49	108	93	—	9	9
73	81	32	113	95	—	2	2
74	69	38	107	96	—	1	1
75	59	39	98	Sum	861	828	1,689
76	63	44	107	Average size	Males: 75.35 feet		
77	70	36	106		Females: 78.98 "		
78	68	40	108		Total animals: 77.13 "		
79	38	36	74	Per cent	Males: 50.98		
80	70	31	101		Females: 49.02		
81	37	30	67				

Table No. 4 (continued).

## Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
45	1	—	1	70	784	973	1,757
47	1	—	1	71	375	897	1,272
48	2	1	3	72	222	1,001	1,223
49	2	—	2	73	84	935	1,019
50	9	6	15	74	36	859	895
51	15	9	24	75	21	726	747
52	19	19	38	76	10	487	497
53	29	29	58	77	1	276	277
54	49	38	87	78	1	170	171
55	62	46	108	79	—	81	81
56	27	27	54	80	—	39	39
57	523	448	971	81	—	15	15
58	517	510	1,027	82	—	5	5
59	565	513	1,078	83	—	2	2
60	746	576	1,322	84	—	1	1
61	709	577	1,286	85	—	1	1
62	719	516	1,235	Sum	13,067	14,215	27,282
63	840	557	1,397	Average size { Males: 64.59 feet			
64	1,016	582	1,598	{ Females: 67.73 "			
65	1,149	650	1,799	{ Total animals: 66.19 "			
66	1,187	623	1,810	Per cent { Males: 47.90			
67	1,361	634	1,995	{ Females: 52.10			
68	1,172	706	1,878				
69	813	680	1,493				

## Humpbacks.

30	1	—	1	45	10	23	33
31	—	2	2	46	4	11	15
34	—	1	1	47	1	11	12
35	7	1	8	48	1	6	7
36	11	4	15	49	1	2	3
37	9	8	17	Sum	188	208	396
38	15	12	27	Average size { Males: 40.83 feet			
39	15	14	29	{ Females: 42.13 "			
40	19	21	40	{ Total animals: 41.52 "			
41	25	27	52	Per cent { Males: 47.47			
42	32	17	49	{ Females: 52.53			
43	18	26	44				
44	19	22	41				

## Sei-whales.

40	1	2	3	54	8	207	215
41	4	1	5	55	1	86	87
42	4	2	6	56	—	40	40
43	9	9	18	57	1	19	20
44	30	14	44	58	1	—	1
45	76	21	97	59	1	1	2
46	102	22	124	61	1	—	1
47	156	60	216	Sum	1,145	2,142	3,287
48	213	118	331	Average size { Males: 48.34 feet			
49	213	203	416	{ Females: 51.28 "			
50	159	286	445	{ Total animals: 50.26 "			
51	103	365	468	Per cent { Males: 34.83			
52	49	360	409	{ Females: 65.17			
53	13	326	339				

Table No. 4 (continued).

## Sperm-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
35	1	1	2	53	194	-	194
38	12	1	13	54	94	-	94
39	19	-	19	55	50	-	50
40	69	-	69	56	12	-	12
41	107	-	107	57	2	-	2
42	180	-	180	58	1	-	1
43	316	-	316	60	1	-	1
44	464	-	464	Sum	6,518	2	6,520
45	635	-	635	Average size			{ Males: 47.53 feet
46	710	-	710				{ Females: 36.50 "
47	727	-	727				{ Total animals: 47.52 "
48	731	-	731	Per cent			{ Males: 99.97
49	609	-	609				{ Females: 0.03
50	704	-	704				
51	558	-	558				
52	322	-	322				

## a. South Georgia.

## Blue-whales.

Engl. feet.	Number of		Total animals.	Average size	Per cent	
	males.	females.				
70	2	-	2	{ Males: 71.00 feet	{ Females: 81.50 "	
71	1	-	1			{ Total animals: 74.50 "
73	1	-	1			
74	-	1	1			
89	-	1	1	{ Males: 66.67	{ Females: 33.33	
Sum	4	2	6			

## Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
48	1	-	1	69	44	47	91
49	2	-	2	70	48	88	136
50	1	1	2	71	25	64	89
51	4	1	5	72	12	89	101
52	5	6	11	73	5	81	86
53	7	5	12	74	1	84	85
54	9	9	18	75	1	76	77
55	5	2	7	76	2	40	42
56	2	1	3	77	-	36	36
57	70	62	132	78	-	20	20
58	40	41	81	79	-	15	15
59	32	34	66	80	-	5	5
60	72	49	121	81	-	3	3
61	61	57	118	84	-	1	1
62	55	37	92	Sum	954	1,261	2,215
63	68	56	124	Average size			{ Males: 63.69 feet
64	72	41	113				{ Females: 67.85 "
65	77	45	122				{ Total animals: 66.06 "
66	81	55	136	Per cent			{ Males: 43.07
67	76	49	125				{ Females: 56.93
68	76	61	137				

Table No. 4 (continued).

## Sei-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
40	1	1	2				
41	2	-	2	54	2	56	58
42	3	1	4	55	1	15	16
43	4	3	7	56	-	8	8
44	7	7	14	57	-	6	6
45	17	12	29	59	1	-	1
46	32	5	37	Sum	385	527	912
47	40	18	58				
48	80	38	118				
49	80	34	114	Average size	{	Males: 48.50 feet	
50	52	62	114			Females: 51.19 "	
51	36	94	130			Total animals: 50.05 "	
52	23	79	102	Per cent	{	Males: 42.21	
53	4	88	92			Females: 57.79	

## Sperm-whales.

Engl. feet.	Number of males.	Engl. feet.	Number of males.
39	1	49	21
40	1	50	23
41	5	51	8
42	3	52	9
43	16	53	10
44	22	54	1
45	26	55	1
46	28	56	1
47	24		
48	24	Sum	224

Average size: Males: 47.12 feet.



Table No. 4 (continued).

## b. Antarctic, pelagic whaling.

## Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
49	1	—	1	83	12	37	49
62	—	1	1	84	11	41	52
63	1	1	2	85	8	44	52
64	5	2	7	86	3	32	35
65	8	6	14	87	1	39	40
66	2	6	8	88	1	28	29
67	10	5	15	89	1	23	24
68	4	4	8	90	—	20	20
69	11	4	15	91	—	4	4
70	61	52	113	92	—	4	4
71	74	50	124	93	—	9	9
72	59	49	108	95	—	2	2
73	80	32	112	96	—	1	1
74	69	37	106				
75	59	39	98	Sum	857	826	1,683
76	63	44	107				
77	70	36	106				
78	68	40	108	Average size	{ Males: 75.37 feet Females: 78.97 " Total animals: 77.14 "		
79	38	36	74	Per cent	{ Males: 50.92 Females: 49.08		
80	70	31	101				
81	37	30	67				
82	30	37	67				

## Fin-whales.

45	1	—	1	71	350	833	1,183
47	1	—	1	72	210	912	1,122
48	1	1	2	73	79	854	933
50	8	5	13	74	35	775	810
51	11	8	19	75	20	650	670
52	14	13	27	76	8	447	455
53	22	24	46	77	1	240	241
54	40	29	69	78	1	150	151
55	57	44	101	79	—	66	66
56	25	26	51	80	—	34	34
57	453	386	839	81	—	12	12
58	477	469	946	82	—	5	5
59	533	479	1,012	83	—	2	2
60	674	527	1,201	85	—	1	1
61	648	520	1,168	Sum	12,113	12,954	25,067
62	664	479	1,143				
63	772	501	1,273				
64	944	541	1,485	Average size	{ Males: 64.66 feet Females: 67.72 " Total animals: 66.24 "		
65	1,072	605	1,677	Per cent	{ Males: 48.32 Females: 51.68		
66	1,106	568	1,674				
67	1,285	585	1,870				
68	1,096	645	1,741				
69	769	633	1,402				
70	736	885	1,621				

Table No. 4 (continued).

## Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
30	1	—	1	45	10	23	33
31	—	2	2	46	4	11	15
34	—	1	1	47	1	11	12
35	7	1	8	48	1	6	7
36	11	4	15	49	1	2	3
37	9	8	17	Sum	188	208	396
38	15	12	27	Average size { Males: 40.83 feet.			
39	15	14	29	{ Females: 42.13 "			
40	19	21	40	{ Total animals: 41.52 "			
41	25	27	52	Per cent { Males: 47.47			
42	32	17	49	{ Females: 52.53			
43	18	26	44				
44	19	22	41				

## Sei-whales.

40	—	1	1	55	—	71	71
41	2	1	3	56	—	32	32
42	1	1	2	57	1	13	14
43	5	6	11	58	1	—	1
44	23	7	30	59	—	1	1
45	59	9	68	61	1	—	1
46	70	17	87	Sum	760	1,615	2,375
47	116	42	158	Average size { Males: 48.26 feet.			
48	133	80	213	{ Females: 51.31 "			
49	133	169	302	{ Total animals: 50.33 "			
50	107	224	331	Per cent { Males: 32.00			
51	67	271	338	{ Females: 68.00			
52	26	281	307				
53	9	238	247				
54	6	151	157				

## Sperm-whales.

35	1	1	2	53	184	—	184
38	12	1	13	54	93	—	93
39	18	—	18	55	49	—	49
40	68	—	68	56	11	—	11
41	102	—	102	57	2	—	2
42	177	—	177	58	1	—	1
43	300	—	300	60	1	—	1
44	442	—	442	Sum	6,294	2	6,296
45	609	—	609	Average size { Males: 47.53 feet.			
46	682	—	682	{ Females: 36.50 "			
47	703	—	703	{ Total animals: 47.52 "			
48	707	—	707	Per cent { Males: 99.97			
49	588	—	588	{ Females: 0.03			
50	681	—	681				
51	550	—	550				
52	313	—	313				

**Table No. 5.—Whales caught in the Antarctic in the season 1957/58,  
by species, sex and groups of size.**

**Total Antarctic.**

**Blue-whales.**

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	186	11.01
" 2. (71 feet to and incl. 85 feet) .....	1,334	78.99
" 3. (above 85 feet).....	169	10.00
	1,689	100.00
Immature males .....	320	37.17
" females .....	333	40.22
" animals .....	653	38.66
Mature males .....	541	62.83
" females .....	495	59.78
" animals .....	1,036	61.34

**Fin-whales.**

	Number of whales.	Per cent.
Group 1. (55 feet and less) .....	337	1.24
" 2. (56 feet to and incl. 65 feet).....	11,767	43.13
" 3. (above 65 feet).....	15,178	55.63
	27,282	100.00
Immature males.....	3,995	30.57
" females.....	4,454	31.33
" animals.....	8,449	30.97
Mature males .....	9,072	69.43
" females.....	9,761	68.67
" animals .....	18,833	69.03

**a. South Georgia.**

**Blue-whales.**

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	2	33.33
" 2. (71 feet to and incl. 85 feet).....	3	50.00
" 3. (above 85 feet).....	1	16.67
	6	100.00
Immature males.....	4	100.00
" females.....	1	50.00
" animals.....	5	83.33
Mature males .....	—	—
" females .....	1	50.00
" animals .....	1	16.67

Table No. 5 (continued).

## Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less) . . . . .	58	2.62
„ 2. (56 feet to and incl. 65 feet) . . . . .	972	43.88
„ 3. (above 65 feet) . . . . .	1,185	53.50
	2,215	100.00
Immature males . . . . .	366	38.36
„ females . . . . .	402	31.88
„ animals . . . . .	768	34.67
Mature males . . . . .	588	61.64
„ females . . . . .	859	68.12
„ animals . . . . .	1,447	65.33

## b. Antarctic, pelagic whaling.

## Blue-whales.

	Number of whales.	Per cent.
Group 1. (70 feet and less) . . . . .	184	10.94
„ 2. (71 feet to and incl. 85 feet) . . . . .	1,331	79.08
„ 3. (above 85 feet) . . . . .	168	9.98
	1,683	100.00
Immature males . . . . .	316	36.87
„ females . . . . .	332	40.19
„ animals . . . . .	648	38.50
Mature males . . . . .	541	63.13
„ females . . . . .	494	59.81
„ animals . . . . .	1,035	61.50

## Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less) . . . . .	279	1.11
„ 2. (56 feet to and incl. 65 feet) . . . . .	10,795	43.07
„ 3. (above 65 feet) . . . . .	13,993	55.82
	25,067	100.00
Immature males . . . . .	3,629	29.96
„ females . . . . .	4,052	31.28
„ animals . . . . .	7,681	30.64
Mature males . . . . .	8,484	70.04
„ females . . . . .	8,902	68.72
„ animals . . . . .	17,386	69.36

**Table No. 6.—Average production of oil per blue-whale unit in the Antarctic in the season 1957/58.**

Other whales are reduced to blue-whale equivalents on the following basis:—  
1 blue-whale = 2 fin-whales =  $2\frac{1}{2}$  humpbacks = 6 sei-whales.

Geographical areas.	Company.	Blue-whale units. <sup>1)</sup>	Oil production.	
			Total.	Average per blue-whale unit.
<i>South Georgia</i> .....	No. 1	683.3	87,916	128.7
	„ 2	582.7	72,793	124.9
	Total	1,266.0	160,709	126.9
<i>Antarctic, pelagic whaling</i> .....	No. 1	528.8	74,979	141.8
	„ 2	861.9	120,795	140.1
	„ 3	712.8	97,465	136.7
	„ 4	641.7	86,568	134.9
	„ 5	438.4	57,976	132.2
	„ 6	537.7	70,764	131.6
	„ 7	203.5	26,787	131.6
	„ 8	1,003.7	131,957	131.5
	„ 9	608.9	79,943	131.3
	„ 10	700.2	90,242	128.9
	„ 11	1,561.0	199,698	127.9
	„ 12	544.2	67,597	124.2
	„ 13	931.2	114,431	122.9
	„ 14	792.1	94,899	119.8
	„ 15	868.5	103,841	119.6
	„ 16	801.6	95,382	119.0
	„ 17	613.3	70,000	114.1
	„ 18	817.0	90,470	110.7
	„ 19	780.8	85,177	109.1
	„ 20	823.4	86,176	104.7
Total		14,770.7	1,845,147	124.9

<sup>1)</sup> This refers to whales worked up. <sup>2)</sup> Barrel = 170 kg. (Barrel = abt.  $\frac{1}{6}$  long ton. 1 long ton = 1,016 kg.)

**Table No. 7.—Size of pregnant whale females caught in the Antarctic in the season 1957/58.**

**Blue-whale females.**

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	Number of fetuses measured .....
Engl. feet.		Engl. feet.		
70	2	83	21	of which twin pairs..... 2
71	1	84	22	» » triplets..... 1
72	3	85	32	
73	3	86	22	Total number of blue-whale females measured 826, of which pregnant animals 299, or 36.20 per cent.
74	5	87	26	
75	4	88	23	
76	17	89	16	
77	11	90	13	Total number of mature blue-whale females (above 76 feet) measured 494, of which pregnant animals 281, or 56.88 per cent.
78	14	92	3	
79	14	93	7	
80	11	96	1	
81	11			
82	17			
		Total	299	

Table No. 7 (continued).

## Fin-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		Number of fetuses measured . . . . . 5,541
49	1	73	600	of which twin pairs . . . . . 50
55	1	74	530	» » triplets . . . . . 2
59	4	75	479	
60	4	76	322	Total number of fin-whale females measured 12,954, of which pregnant animals 5,487, or 42.36 per cent.
61	8	77	169	
62	21	78	118	
63	49	79	50	
64	61	80	26	
65	150	81	9	
66	182	82	1	
67	248	83	2	
68	341	84	1	
69	363	85	1	
70	583			
71	549			
72	614	Total	5,487	

## Humpback females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		Number of fetuses measured . . . . . 107
31	1	45	17	
38	3	46	10	Total number of humpback females measured 208, of which pregnant animals 107, or 51.45 per cent.
39	5	47	7	
40	11	48	6	
41	12	49	1	
42	11			
43	14	Total	107	Total number of mature humpback females (above 40 feet) measured 166, of which pregnant animals 98, or 59.04 per cent.
44	9			

## Sei-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		Number of fetuses measured . . . . . 901
45	2	52	150	of which twin pairs . . . . . 11
46	4	53	162	» » triplets . . . . . 1
47	14	54	103	
48	39	55	47	
49	74	56	20	
50	109	57	8	
51	156	Total	888	

**Table No. 8.—Whale fetuses measured in the Antarctic in the season 1957/58, by species and groups of size, in each month.**

**Blue-whale fetuses.**

Groups of size. Engl. feet.	February	March	Total
2'—2' 11".....	2	—	2
3'—3' 11".....	3	—	3
4'—4' 11".....	11	—	11
5'—5' 11".....	8	1	9
6'—6' 11".....	30	1	31
7'—7' 11".....	20	—	20
8'—8' 11".....	29	—	29
9'—9' 11".....	20	—	20
10'—10' 11".....	18	1	19
11'—11' 11".....	31	1	32
12'—12' 11".....	20	5	25
13'—13' 11".....	16	3	19
14'—14' 11".....	23	4	27
15'—15' 11".....	15	2	17
16'—16' 11".....	8	2	10
17'—17' 11".....	5	2	7
18'—18' 11".....	7	1	8
19'—19' 11".....	5	—	5
20'—20' 11".....	4	—	4
21'—21' 11".....	1	—	1
22'—22' 11".....	1	—	1
23'—23' 11".....	1	—	1
24'—24' 11".....	1	—	1
25'—25' 11".....	1	—	1
Total blue-whale fetuses.....	280	23	303
Average size of fetuses.....	10' 10"	13' 4"	11' 0"

**Fin-whale fetuses.**

Groups of size. Engl. feet.	Oct.	Nov.	Dec.	Jan.	Febr.	March	Total
Less than 1'.....	—	—	—	21	4	4	29
1'—1' 11".....	4	8	5	87	22	1	127
2'—2' 11".....	6	8	1	113	54	25	207
3'—3' 11".....	8	11	10	195	87	23	334
4'—4' 11".....	—	15	20	216	116	41	408
5'—5' 11".....	—	16	22	266	172	61	537
6'—6' 11".....	1	10	32	304	168	58	573
7'—7' 11".....	—	2	6	310	191	81	590
8'—8' 11".....	1	2	6	251	173	84	517
9'—9' 11".....	—	1	3	225	176	96	501
10'—10' 11".....	—	1	3	169	161	76	410
11'—11' 11".....	—	1	—	95	131	68	295
12'—12' 11".....	—	—	1	81	174	102	358
13'—13' 11".....	—	—	—	26	118	57	201
14'—14' 11".....	—	—	—	11	82	96	189
15'—15' 11".....	—	—	—	2	63	61	126
16'—16' 11".....	1	—	—	2	16	50	69
17'—17' 11".....	—	—	—	4	13	24	41
18'—18' 11".....	—	—	—	2	1	12	15
19'—19' 11".....	—	—	—	—	5	4	9
20'—20' 11".....	—	—	—	1	—	2	3
23'—23' 11".....	—	—	—	—	—	1	1
24'—24' 11".....	—	—	—	1	—	—	1
Total fin-whale fetuses.....	21	75	109	2,382	1,927	1,027	5,541
Average size of fetuses.....	3' 5"	4' 3"	5' 4"	6' 9"	8' 8"	10' 2"	8' 0"

Table No. 8 (continued).

## Humpback foetuses.

Groups of size.	January.	February.	Total.
Engl. feet.			
1'— 1' 11" .....	—	18	18
2'— 2' 11" .....	—	37	37
3'— 3' 11" .....	1	34	35
4'— 4' 11" .....	—	17	17
Total humpback foetuses .....	1	106	107
Average size of foetuses .....	3' 0"	2' 10"	2' 10"

## Sei-whale foetuses.

Groups of size	Jan.	Febr.	March.	Total.
Engl. feet.				
1'— 1' 11" .....	1	—	1	2
2'— 2' 11" .....	—	—	—	—
3'— 3' 11" .....	5	4	3	12
4'— 4' 11" .....	3	11	8	22
5'— 5' 11" .....	2	18	27	47
6'— 6' 11" .....	3	32	50	85
7'— 7' 11" .....	6	45	48	99
8'— 8' 11" .....	8	47	79	134
9'— 9' 11" .....	2	51	109	162
10'—10' 11" .....	1	34	128	163
11'—11' 11" .....	—	14	98	112
12'—12' 11" .....	—	6	40	46
13'—13' 11" .....	—	4	5	9
14'—14' 11" .....	—	2	6	8
Total sei-whale foetuses .....	31	268	602	901
Average size of foetuses.....	6' 3"	8' 2"	9' 4"	8' 10"

Table No. 9.—Whale foetuses measured in the Antarctic in the season 1957/58, by species and sex, in each month.

Kind of foetuses. Months.	Number of		Sex not stated.	Total foetuses.	Number of males per 100 females.
	males.	females.			
<b>Blue-whale foetuses.</b>					
February .....	135	145	—	280	93.10
March .....	10	13	—	23	76.92
Total	145	158	—	303	91.77



Table No. 9 (continued).

Kind of foetuses. Months.	Number of		Sex not stated.	Total foetuses.	Number of males per 100 females.
	males.	females.			
<b>Fin-whale foetuses.</b>					
October.....	12	9	—	21	133.33
November.....	42	33	—	75	127.27
December.....	57	52	—	109	109.62
January.....	1 201	1,179	2	2,382	101.87
February.....	990	935	2	1,927	105.88
March.....	527	500	—	1,027	105.40
Total	2,829	2,708	4	5,541	104.47
<b>Humpback foetuses.</b>					
January.....	1	—	—	1	—
February.....	67	39	—	106	171.79
Total	68	39	—	107	174.36
<b>Sei-whale foetuses.</b>					
January.....	16	15	—	31	106.67
February.....	141	127	—	268	111.02
March.....	303	299	—	602	101.34
Total	460	441	—	901	104.31

