

DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL
WHALING STATISTICS

VII

EDITED BY

THE COMMITTEE FOR WHALING STATISTICS
APPOINTED BY THE NORWEGIAN GOVERNMENT



OSLO 1936

Price: Kr. 2.00

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INTRODUCTION

The Committee in charge of the International Whaling Statistics has lost one of its members. Mr. SIGURD RISTING died on October 14, 1935. His death has been a severe blow to whaling researches. No man living had a more thorough knowledge of whaling than he had, and it is only through his work that it has been possible to give statistics of modern whaling from its start on the northern coast of Norway in 1868. His publications in the Norwegian Whaling Gazette are of indispensable value and his "History of Whaling" will always be the principal source for the study of modern whaling.

The tables in the International Whaling Statistics VII are compiled by Mr. HARALD B. PAULSEN, the present secretary of the Norwegian Whaling Association.

For 1935 we have succeeded in obtaining results for Chile and the statistics is thus complete. As in former years we have not been able to get information as to the species of whales caught off California.

In Table No. 1—5 are given the results of the whaling in 1934—35 and summer 1935, specified for the different species of whales, areas, and countries. In Table No. 6, 7, and 8 are given the sizes of whales caught, in Table No. 6 by companies and areas, in Table No. 7 the whales are classified by English feet, and in Table No. 8 the whales are grouped according to size and mature and immature whales. In Table No. 9 is given the average production of oil per whale for different areas. In Table No. 10 is given the measurement of whale foetuses for the floating factories in the Antarctic. In Table No. 12 the whale foetuses are classified by groups of size in each month, specified for blue-whales, fin-whales, and humpbacks, and in Table No. 13 the whale foetuses are specified by species and sex in each month.

For the season 1934—35 there has been no production agreement between the companies, but in the summer 1934 the Storting (parliament) adopted a series of amendments in the Norwegian Whaling Act, whereby, *inter alia*, catching during the season 1934—35 southward of 50° South latitude was restricted to the period December 1, 1934, to March 31, 1935. The foreign companies voluntarily submitted to the time limitation fixed by the Norwegian Act, only excepting The Southern Whaling & Sealing Co. Ltd. and The

Kerguelen Sealing and Whaling Co. Ltd. Otherwise all the companies were in 1934-35 operating without being restricted by any production agreement.

The three expeditions belonging to the above mentioned companies produced altogether 101,152 barrels whale oil prior to December 1, 1934.

The total quantity of whale oil produced in the Antarctic during the 1934-35 season amounted to 2,418,837 barrels, in addition to which were produced 35,162 barrels sperm oil.

According to the resolution of the Storting of June 13, 1935, a series of amendments were on June 14, 1935, adopted in the Norwegian Whaling Act. By order in Council of June 21, 1935, there were also issued new regulations, whereby it was, *inter alia*, provided that until further notice catching of baleen whales southward of 40° South latitude may only be carried on during the period December 1, to March 15, both days inclusive.

The British Whaling Act of August 29, 1935, established the same time limitation.

On July 6, 1935, a production agreement for the season 1935-36 was entered into by altogether 21 whaling companies. Outside the agreement remained 9 companies. The Norwegian companies not adhering to the production agreement had quotas allotted to them by the Norwegian Government. Three foreign companies, viz. The Kerguelen Sealing & Whaling Co. Ltd., The Southern Whaling & Sealing Co. Ltd., and Hektoría Limited, did not adhere to the production agreement, but accepted the catching period December 1, to March 15, 1936. The Southern Whaling & Sealing Co. Ltd. stated that the two expeditions of the company would not produce beyond a specified quantity. The catching of the two other companies was only restricted to the period December 1, 1935, to March 15, 1936, but without any limitation of the production. Apart from the above mentioned companies the Japanese company The Japan Whaling Co. Ltd. carried on operations with one pelagic expedition, entirely unimpeded by restrictions.

The output of whale oil (excluding sperm oil) in the Antarctic in the season 1935-36 was, according to a preliminary survey published in the Norwegian Whaling Gazette, 2,405,093 barrels against 2,418,837 barrels in the season 1934-35.

In Table *a* has been given the number of whales caught on the different areas from 1919-20 to 1934-35.

This table shows that the total catch in 1934-35 was 39,254 whales, which is the largest number of whales killed in any season but one (1930-31). According to the table the catch has gone up with 7,087 whales in the last season. This rise in the number of whales killed is partly due to the larger catch in the Antarctic, where 5,721 more whales were killed in this season than in the preceding one. The catch off Africa and Japan has also gone up in the last season. The catch in the Pacific North and

Table a.

Years.	All areas.	Antarctic.	Arctic.	Africa.	Pacific, north.	Japan.	Others.
1919-20	11,369	5,441	1,456	1,310	1,763	1,279	120
1920-21	12,174	8,448	310	1,263	129	1,487	537
1921-22	13,940	7,023	918	2,335	1,356	1,506	802
1922-23	18,120	9,910	1,204	3,105	1,363	1,422	1,116
1923-24	16,839	7,271	1,667	3,649	1,102	1,526	1,624
1924-25	23,253	10,488	1,523	4,384	1,892	1,875	3,091
1925-26	28,193	14,219	1,588	4,646	1,804	2,148	3,788
1926-27	24,175	12,665	1,403	4,144	2,064	1,546	2,353
1927-28	23,524	13,775	1,561	3,835	1,412	1,607	1,334
1928-29	27,896	20,341	1,159	3,362	1,241	1,463	330
1929-30	37,674	30,167	1,472	3,498	975	1,312	250
1930-31	42,874	40,201	703	823	-	1,147	-
1931-32	12,797	9,572	827	1,043	319	1,036	-
1932-33	28,668	24,327	1,004	1,168	591	¹⁾ 1,325	253
1933-34	32,167	26,087	583	2,392	1,019	²⁾ 1,775	311
1934-35	39,254	31,808	568	3,004	855	³⁾ 2,274	745

¹⁾ 203 whales caught off Kamtchatka are included. ²⁾ 339 whales caught off Kamtchatka are included. ³⁾ 487 whales caught off Kamtchatka are included.

the Arctic is smaller in this season than in the preceding one. The catch on other areas has gone up in the last season. This rise is due to the information obtained of the catch off Chile—469 whales. For the preceding seasons we have no information of this catch.

As in earlier seasons by far the greatest catch is the catch in the Antarctic, which has shown a considerable rise in the last season.

For a closer study of the movement in the catch in the Antarctic a specification by species of whales killed is given in Table b:

Table b.—Antarctic.

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.	Float-ing factories.	Catch-ers.	
1919-20	1,874	3,213	261	71	8	¹⁾ 14	5,441	Barrels. 272,817	6	6	44	124
1920-21	2,617	5,491	260	36	31	¹⁾ 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	¹⁾ 12	7,271	464,678	7	13	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	¹⁾ 10	14,219	783,307	6	15	70	203
1926-27	6,545	5,102	189	778	39	¹⁾ 12	12,665	872,362	6	17	80	158
1927-28	8,334	4,459	23	883	72	¹⁾ 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	17,487	11,539	852	216	73	-	30,167	2,546,759	6	38	194	156
1930-31	29,410	10,017	576	145	51	¹⁾ 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

¹⁾ Right-whales.

This table shows that the number of blue-whales killed has decreased in the last three seasons. On the other hand the fin-whale catch has shown a rise, which is very pronounced in the last season. The catch of hump-backs is of minor importance. It has gone up and was in the last season the largest recorded since the season 1912-13.

For pelagic whaling in the Antarctic the figures are given in Table c.

Table c.—Pelagic whaling in the Antarctic.

Years.	Species of whales caught.							Oil production. Barrels.
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.	
1919-20.....	887	1,540	182	—	—	—	2,609	125,788
1920-21.....	1,761	2,848	157	—	—	—	4,766	213,490
1921-22.....	1,846	1,782	—	—	—	—	3,628	203,475
1922-23.....	2,114	2,232	197	—	4	—	4,547	266,994
1923-24.....	1,805	1,657	103	2	17	¹⁾ 12	3,596	217,215
1924-25.....	2,191	2,347	97	—	35	—	4,670	290,915
1925-26.....	2,842	3,207	128	182	25	¹⁾ 10	6,394	378,850
1926-27.....	2,856	3,958	189	413	22	¹⁾ 12	7,450	455,070
1927-28.....	6,209	3,102	23	788	12	¹⁾ 4	10,138	733,912
1928-29.....	11,174	3,559	33	412	31	—	15,209	1,282,711
1929-30.....	16,999	8,143	806	—	34	—	25,982	2,298,796
1930-31.....	28,325	8,601	510	1	27	¹⁾ 1	37,465	3,420,410
1931-32.....	6,050	1,136	178	—	3	—	7,367	686,355
1932-33.....	18,624	4,441	159	—	107	—	23,331	2,401,879
1933-34.....	16,813	5,472	780	—	659	—	23,724	2,263,357
1934-35.....	15,944	11,664	1,928	141	556	—	30,233	2,345,858

¹⁾ Right-whales.

The number of blue-whales killed by pelagic whaling has also gone down in the last three seasons, and the number of fin-whales killed has gone up. The importance of the decline in the number of blue-whales killed in the last seasons has been discussed in "Hvalrødets Skrifter" No. 12. We should emphasize that it is very difficult to draw any definite conclusion from the raw figures in Table b, as the conditions of whaling were not the same in all the three last seasons. In 1932-33 and 1933-34 the whaling was restricted through production agreements between most of the whaling companies. In the season 1934-35 the whaling was restricted for most of the companies to the months December 1, to March 31. This means that in the last season very few whales were killed in October and November, and from earlier experience it is known that the percentage of blue-whales caught is larger in the earlier months of the season. The shortening of the season may thus have influenced the number of blue-whales killed.

In order to give a review of the composition of the catch in the different months we have prepared the following tables d-g, which for the seasons 1927-28 up to 1934-35 give the number of the different species of whales caught by months, separately for pelagic whaling in the Antarctic and whaling off South Georgia. The data are taken from the Norwegian Whaling Gazette.

Table d.—Antarctic, pelagic whaling. Absolute figures.

Species of whales and seasons.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April	May.	Total.	The Whaling Statistics' total figures.
1927/28	3	220	926	1,375	1,387	1,218	¹⁾ 726	735	236	6,826	10,138
1928/29	—	418	1,310	2,393	2,113	1,562	1,066	682	28	9,572	15,209
1929/30	39	1,770	4,887	5,234	4,587	4,995	2,739	626	13	24,890	25,982
1930/31	38	2,784	6,445	7,936	²⁾ 6,485	6,432	²⁾ 3,274	366	—	33,760	37,463
1931/32	—	295	1,292	2,024	1,618	1,428	710	—	—	7,367	7,367
1932/33	—	963	4,686	5,324	5,738	4,119	2,306	196	—	23,332	23,331
1933/34	—	869	5,701	5,906	6,362	3,621	1,265	—	—	23,724	23,724
1934/35	—	270	1,382	8,067	7,603	7,147	5,492	149	93	30,203	30,233
Sum 1927/28–1934/35	80	7,589	26,629	38,259	35,893	30,522	17,578	2,754	370	159,674	173,447
Per cent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1927/28	3	184	821	1,158	863	285	115	50	1	3,480	6,209
1928/29	—	409	1,266	2,152	1,672	779	326	97	—	6,701	11,174
1929/30	33	1,507	4,245	4,491	2,200	2,549	1,327	170	4	16,526	16,999
1930/31	38	2,398	5,518	6,715	4,215	4,018	2,129	174	—	25,205	28,325
1931/32	—	277	1,181	1,909	1,424	861	398	—	—	6,050	6,050
1932/33	—	922	4,472	5,117	4,654	2,094	1,278	98	—	18,635	18,624
1933/34	—	805	5,139	4,993	3,579	1,656	641	—	—	16,813	16,813
1934/35	—	270	928	6,183	4,474	2,572	1,430	55	—	15,912	15,944
Sum 1927/28–1934/35	74	6,772	23,570	32,718	23,081	14,814	7,644	644	5	109,322	120,138
Per cent	92.5	89.2	88.5	85.5	64.3	48.6	43.5	23.4	1.4	68.5	69.4
1927/28	—	32	92	208	457	708	478	549	—	2,524	3,102
1928/29	—	9	29	230	438	775	480	437	28	2,426	3,559
1929/30	3	256	574	552	2,089	2,344	1,377	456	9	7,660	8,143
1930/31	—	377	764	1,032	2,150	2,383	1,136	192	—	8,034	8,601
1931/32	—	3	69	60	153	549	302	—	—	1,136	1,136
1932/33	—	30	151	154	985	1,993	1,022	96	—	4,431	4,441
1933/34	—	32	143	520	2,327	1,842	608	—	—	5,472	5,472
1934/35	—	—	88	993	2,623	3,986	3,906	52	—	11,648	11,664
Sum 1927/28–1934/35	3	739	1,910	3,749	11,222	14,580	9,309	1,782	37	43,331	46,118
Per cent	3.75	9.7	7.2	9.8	31.3	47.8	53.0	64.7	10.0	27.1	26.6
1927/28	—	—	8	8	—	—	1	—	2	19	23
1928/29	—	—	10	4	2	2	—	—	—	18	33
1929/30	3	3	51	187	294	102	35	—	—	675	806
1930/31	—	8	152	184	110	30	8	—	—	492	510
1931/32	—	15	39	55	41	18	10	—	—	178	178
1932/33	—	2	49	34	37	29	6	2	—	159	159
1933/34	—	29	383	156	147	49	16	—	—	780	780
1934/35	—	—	6	828	437	543	125	4	—	1,943	1,928
Sum 1927/28–1934/35	3	57	698	1,456	1,068	773	201	6	2	4,264	4,417
Per cent	3.75	0.8	2.6	3.8	2.9	2.5	1.1	0.2	0.5	2.7	2.5
1927/28	—	4	5	1	—	2	—	—	—	12	12
1928/29	—	—	5	7	1	3	—	—	—	16	31
1929/30	—	4	17	4	4	—	—	—	—	29	34
1930/31	—	1	11	3	9	—	—	—	—	24	25
1931/32	—	—	3	—	—	—	—	—	—	3	3
1932/33	—	9	14	19	62	3	—	—	—	107	107
1933/34	—	3	36	237	309	74	—	—	—	659	659
1934/35	—	—	358	63	69	45	25	—	—	560	556
Sum 1927/28–1934/35	—	21	449	334	454	127	25	—	—	1,410	1,427
Per cent	—	0.3	1.7	0.9	1.3	0.4	0.1	—	—	0.9	0.8
1927/28	—	—	—	—	67	223	129	136	233	788	788
1928/29	—	—	—	—	—	3	260	148	—	411	412
1929/30	—	—	—	—	—	—	—	—	—	—	—
1930/31	—	—	—	2	—	1	—	—	—	3	1
1931/32	—	—	—	—	—	—	—	—	—	—	—
1932/33	—	—	—	—	—	—	—	—	—	—	—
1933/34	—	—	—	—	—	—	—	—	—	—	—
1934/35	—	—	2	—	—	1	6	38	93	140	141
Sum 1927/28–1934/35	—	—	2	2	67	228	395	322	326	1,342	1,342
Per cent	—	—	—	—	0.2	0.7	2.3	11.7	88.1	0.8	0.7

¹⁾ 3 right-whales included. ²⁾ 1 right-whale included.

Table e.—Antarctic, pelagic whaling. Percentage figures.

Species of whales and seasons.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	Total.	The Whaling statistics' total figures.	
<i>Total animals.</i>	1927/28 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	1928/29 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	
	
<i>Blue-whales.</i>	1927/28 ..	100.0	83.6	88.7	84.2	62.2	23.4	15.9	6.8	0.4	51.0	61.3
	1928/29 ..	—	97.9	96.6	89.9	79.1	49.9	30.6	14.2	—	70.0	73.5
	1929/30 ..	84.6	85.1	86.9	85.8	48.0	51.1	48.4	27.2	30.8	66.4	65.8
	1930/31 ..	100.0	86.2	85.6	84.7	65.0	62.5	65.0	47.5	—	74.7	75.6
	1931/32 ..	—	93.9	91.5	94.3	88.0	60.3	56.1	—	—	82.1	82.1
	1932/33 ..	—	95.7	95.4	96.1	81.1	50.8	55.4	50.0	—	79.9	79.9
	1933/34 ..	—	92.6	90.2	84.6	56.3	45.7	50.7	—	—	70.9	70.9
1934/35 ..	94.8	100.0	67.2	76.6	58.8	36.0	26.0	36.9	—	52.7	52.7	
<i>Fin-whales.</i>	1927/28 ..	—	14.5	9.9	15.1	32.9	58.1	66.2	74.7	—	37.0	30.6
	1928/29 ..	—	2.1	2.2	9.6	20.7	49.6	45.0	64.1	100.0	25.3	23.4
	1929/30 ..	7.7	14.5	11.7	10.5	45.5	46.9	50.3	72.8	69.2	30.8	31.0
	1930/31 ..	—	13.5	11.8	13.0	33.2	37.0	34.7	52.5	—	23.8	22.9
	1931/32 ..	—	1.0	5.3	3.0	9.5	38.4	42.5	—	—	15.4	15.4
	1932/33 ..	—	3.1	3.2	2.9	17.2	48.4	44.3	49.0	—	19.0	19.0
	1933/34 ..	—	3.7	2.5	8.8	36.6	50.9	48.1	—	—	23.1	23.1
1934/35 ..	—	—	6.4	12.3	34.5	55.8	71.1	34.9	—	38.6	38.6	
<i>Hump-backs.</i>	1927/28 ..	—	—	0.9	0.6	—	—	0.1	—	0.8	0.3	0.2
	1928/29 ..	—	—	0.8	0.2	0.1	0.1	—	—	—	0.2	0.2
	1929/30 ..	7.7	0.2	1.0	3.6	6.4	2.0	1.3	—	—	2.7	3.1
	1930/31 ..	—	0.3	2.4	2.3	1.7	0.5	0.3	—	—	1.4	1.4
	1931/32 ..	—	5.1	3.0	2.7	2.5	1.3	1.4	—	—	2.4	2.4
	1932/33 ..	—	0.2	1.1	0.6	0.6	0.7	0.3	1.0	—	0.7	0.7
	1933/34 ..	—	3.3	6.7	2.6	2.3	1.4	1.2	—	—	3.3	3.3
1934/35 ..	—	—	0.4	10.3	5.8	7.6	2.3	2.7	—	6.4	6.4	
<i>Sperm-whales.</i>	1927/28 ..	—	1.9	0.5	0.1	—	0.2	—	—	—	0.1	0.1
	1928/29 ..	—	—	0.4	0.3	0.1	0.2	—	—	—	0.2	0.2
	1929/30 ..	—	0.2	0.4	0.1	0.1	—	—	—	—	0.1	0.1
	1930/31 ..	—	—	0.2	—	0.1	—	—	—	—	0.1	0.1
	1931/32 ..	—	—	0.2	—	—	—	—	—	—	0.1	0.1
	1932/33 ..	—	1.0	0.3	0.4	1.1	0.1	—	—	—	0.4	0.4
	1933/34 ..	—	0.4	0.6	4.0	4.8	2.0	—	—	—	2.7	2.7
1934/35 ..	—	—	25.9	0.8	0.9	0.6	0.5	—	—	1.8	1.8	
<i>Sei-whales.</i>	1927/28 ..	—	—	—	—	4.9	18.3	17.8	18.5	98.8	11.6	7.8
	1928/29 ..	—	—	—	—	—	0.2	24.4	21.7	—	4.3	2.7
	1929/30 ..	—	—	—	—	—	—	—	—	—	—	—
	1930/31 ..	—	—	—	—	—	—	—	—	—	—	—
	1931/32 ..	—	—	—	—	—	—	—	—	—	—	—
	1932/33 ..	—	—	—	—	—	—	—	—	—	—	—
1933/34 ..	—	—	—	—	—	—	—	—	—	—	—	
1934/35 ..	—	—	0.1	—	—	—	0.1	25.5	100.0	0.5	0.5	

Table f.—South Georgia. Absolute figures.

Species of whales and seasons.		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	Total.	The Whaling Statistics' total figures.
<i>Total animals.</i>	1927/28	4	415	820	713	480	274	188	39	1	2,934	3,637
	1928/29	52	436	376	492	1,087	630	469	124	3	3,669	5,132
	1929/30	123	362	629	1,033	1,119	395	429	104	—	4,194	4,185
	1930/31	58	512	648	602 ¹⁾	486	322	99	9	—	2,736	2,736
	1931/32	—	142	361	581	449	400	186	86	—	2,205	2,205
	1932/33	—	128	196	294	376	2	—	—	—	996	996
	1933/34	—	66	196	652	841	545	63	—	—	2,363	2,363
1934/35	—	57	337	401	292	256	209	23	—	1,575	1,575	
Sum 1927/28-1934/35	237	2,118	3,563	4,768	5,130	2,824	1,643	385	4	20,672	22,829	
Per cent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>Blue-whales.</i>	1927/28	3	309	616	473	230	61	13	2	1	1,708	2,125
	1928/29	6	32	184	267	352	52	63	13	2	971	1,560
	1929/30	10	46	123	108	126	19	46	11	—	489	488
	1930/31	16	235	297	292	173	57	13	2	—	1,085	1,085
	1931/32	—	24	99	206	78	12	14	5	—	438	438
	1932/33	—	47	85	79	56	—	—	—	—	267	267
	1933/34	—	21	51	125	172	129	38	—	—	536	536
1934/35	—	38	146	218	104	31	16	3	—	556	556	
Sum 1927/28-1934/35	35	752	1,601	1,768	1,291	361	203	36	3	6,050	7,055	
Per cent	14.8	35.5	44.9	37.1	25.2	12.8	12.4	9.4	66.7	29.3	30.9	30.9
<i>Fin-whales.</i>	1927/28	1	104	197	239	247	206	89	11	—	1,094	1,357
	1928/29	41	402	187	219	716	501	253	70	1	2,390	3,130
	1929/30	111	312	504	898	976	314	241	48	—	3,404	3,396
	1930/31	42	269	349	308	259	157	32	—	—	1,416	1,416
	1931/32	—	117	260	375	367	377	165	74	—	1,735	1,735
	1932/33	—	81	111	215	318	2	—	—	—	727	727
	1933/34	—	44	137	493	648	383	23	—	—	1,728	1,728
1934/35	—	19	185	172	183	196	76	5	—	836	836	
Sum 1927/28-1934/35	195	1,348	1,930	2,919	3,714	2,136	879	208	1	13,330	14,325	
Per cent	82.3	63.7	54.2	61.2	72.4	75.6	53.5	54.0	33.3	64.5	62.8	62.8
<i>Humpbacks.</i>	1927/28	—	—	—	—	—	—	—	—	—	—	—
	1928/29	—	—	—	5	6	2	—	—	—	13	15
	1929/30	—	—	2	26	10	3	3	2	—	46	46
	1930/31	—	2	—	2	44	10	6	2	—	66	66
	1931/32	—	—	—	—	4	2	—	—	—	6	6
	1932/33	—	—	—	—	—	—	—	—	—	—	—
	1933/34	—	—	5	31	21	33	2	—	—	92	92
1934/35	—	—	3	11	5	4	—	—	—	23	37	
Sum 1927/28-1934/35	—	2	10	75	90	54	11	4	—	246	262	
Per cent	—	0.1	0.3	1.6	1.8	1.9	0.7	1.0	—	1.2	1.2	1.2
<i>Sperm-whales.</i>	1927/28	—	1	4	1	1	2	37	21	—	67	60
	1928/29	5	2	5	1	1	—	9	2	—	25	31
	1929/30	2	4	—	1	7	12	12	1	—	39	39
	1930/31	—	6	2	—	9	3	4	—	—	24	24
	1931/32	—	1	2	—	—	—	2	5	—	10	10
	1932/33	—	—	—	—	—	—	—	—	—	—	—
	1933/34	—	1	3	3	—	—	—	—	—	7	7
1934/35	—	—	3	—	—	20	12	—	—	35	21	
Sum 1927/28-1934/35	7	15	19	6	18	37	76	29	—	207	192	
Per cent	2.9	0.7	0.5	0.1	0.3	1.3	4.6	7.5	—	1.0	0.8	0.8
<i>Sei-whales.</i>	1927/28	—	1	3	—	2	5	49	5	—	65	95
	1928/29	—	—	—	—	12	75	144	39	—	270	396
	1929/30	—	—	—	—	—	47	127	42	—	216	216
	1930/31	—	—	—	—	—	95	44	5	—	144	144
	1931/32	—	—	—	—	—	9	5	2	—	16	16
	1932/33	—	—	—	—	2	—	—	—	—	2	2
	1933/34	—	—	—	—	—	—	—	—	—	—	—
1934/35	—	—	—	—	—	5	105	15	—	125	125	
Sum 1927/28-1934/35	—	1	3	—	16	236	474	108	—	838	994	
Per cent	—	—	0.1	—	0.3	8.4	28.8	28.1	—	4.0	4.3	4.3

1) 1 right-whale included.

Table g.—South Georgia. Percentage figures.

Species of whales and seasons.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May	Total.	The Whaling statistics' total figures.	
<i>Total animals.</i>	1927/28 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	1928/29 ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	
	
<i>Blue-whales.</i>	1927/28 ..	75.0	74.5	75.1	66.3	47.9	22.3	6.9	5.1	100.0	58.2	58.4
	1928/29 ..	11.5	7.3	48.9	54.3	32.4	8.3	13.4	10.4	66.7	26.5	30.4
	1929/30 ..	8.1	12.7	19.6	10.5	11.3	4.8	10.7	10.6	—	11.7	11.7
	1930/31 ..	27.6	45.9	45.8	48.5	35.7	17.7	13.1	22.2	—	39.7	39.7
	1931/32 ..	—	16.9	27.4	35.5	17.4	3.0	7.5	5.8	—	19.9	19.9
	1932/33 ..	—	36.7	43.4	26.9	14.9	—	—	—	—	26.8	26.8
	1933/34 ..	—	31.8	26.0	19.2	20.5	23.7	60.3	—	—	22.7	22.7
1934/35 ..	—	66.7	43.3	54.4	35.6	12.1	7.7	13.0	—	35.3	35.3	
<i>Fin-whales.</i>	1927/28 ..	25.0	25.1	24.0	33.5	51.5	75.2	47.3	28.2	—	37.3	37.3
	1928/29 ..	78.9	92.2	49.7	44.5	65.9	79.5	54.0	56.5	33.3	65.1	61.0
	1929/30 ..	90.3	86.2	80.1	86.9	87.3	79.5	56.2	46.2	—	81.2	81.2
	1930/31 ..	72.4	52.5	53.9	51.2	53.4	48.8	32.3	—	—	51.7	51.7
	1931/32 ..	—	82.4	72.0	64.5	81.7	94.3	88.7	86.1	—	78.6	78.6
	1932/33 ..	—	63.3	56.6	73.1	84.6	100.0	—	—	—	73.0	73.0
	1933/34 ..	—	66.7	69.9	75.6	77.0	70.3	36.5	—	—	73.1	73.1
1934/35 ..	—	33.3	54.9	42.9	62.7	76.6	36.4	21.7	—	53.1	53.1	
<i>Hump-backs.</i>	1927/28 ..	—	—	—	—	—	—	—	—	—	—	—
	1928/29 ..	—	—	—	1.0	0.5	0.3	—	—	—	0.4	0.3
	1929/30 ..	—	—	0.3	2.5	0.8	0.8	0.7	1.9	—	1.1	1.1
	1930/31 ..	—	0.4	—	0.3	9.1	3.1	6.1	22.2	—	2.4	2.4
	1931/32 ..	—	—	—	—	0.9	0.5	—	—	—	0.3	0.3
	1932/33 ..	—	—	—	—	—	—	—	—	—	—	—
	1933/34 ..	—	—	2.6	4.7	2.5	6.0	3.2	—	—	3.9	3.9
1934/35 ..	—	—	0.9	2.7	1.7	1.6	—	—	—	1.5	2.4	
<i>Sperm-whales.</i>	1927/28 ..	—	0.2	0.5	0.2	0.2	0.7	19.7	53.9	—	2.3	1.7
	1928/29 ..	9.6	0.5	1.4	0.2	0.1	—	1.9	1.6	—	0.7	0.6
	1929/30 ..	1.6	1.1	—	0.1	0.6	3.0	2.8	0.9	—	0.9	0.9
	1930/31 ..	—	1.2	0.3	—	1.8	0.9	4.0	—	—	0.9	0.9
	1931/32 ..	—	0.7	0.6	—	—	—	1.1	5.8	—	0.5	0.5
	1932/33 ..	—	—	—	—	—	—	—	—	—	—	—
	1933/34 ..	—	1.5	1.5	0.5	—	—	—	—	—	0.3	0.3
1934/35 ..	—	—	0.9	—	—	7.8	5.7	—	—	2.2	1.3	
<i>Sei-whales.</i>	1927/28 ..	—	0.2	0.4	—	0.4	1.8	26.1	12.8	—	2.2	2.6
	1928/29 ..	—	—	—	—	1.1	11.9	30.7	31.5	—	7.3	7.7
	1929/30 ..	—	—	—	—	—	11.9	29.6	40.4	—	5.1	5.1
	1930/31 ..	—	—	—	—	—	29.5	44.5	55.6	—	5.3	5.3
	1931/32 ..	—	—	—	—	—	2.2	2.7	2.3	—	0.7	0.7
	1932/33 ..	—	—	—	—	0.5	—	—	—	—	0.2	0.2
	1933/34 ..	—	—	—	—	—	—	—	—	—	—	—
1934/35 ..	—	—	—	—	—	1.9	50.2	65.3	—	7.9	7.9	

These tables show that the percentage of blue-whales caught declines from month to month, but that this decline is rather marked from January to February. In comparing these percentages we will draw the attention to the fact that the figures are not complete for the first two seasons, which are covered by the tables, and that the whaling in the lapse of the years 1927-35 has been extended to new areas. We will further draw the attention to the fact that no catch was made by the Norwegian whaling fleet in the season 1931-32.

As will be seen the percentage of blue-whales killed is varying from year to year for the same month. A part of this variation is probably due to the difference in hunting grounds, the different composition of the whaling fleet, etc. in those years. In the last season we note, however, that the percentage of blue-whales killed is much lower in December-March than in the two former seasons. We cannot, however, draw any definite conclusion from this fall in the percentage to a declining stock of blue-whales, the percentages being influenced by the number of fin-whales killed in the different seasons.

Regarding the true number of blue-whales killed we note a rise in the figures in the last season for the months December to March. Even if the percentage of blue-whales caught has declined, the absolute number has gone up, and this shows at least that there were many blue-whales on the hunting grounds in the later part of the season.

As to the fin-whales killed the table shows that there is a marked rise in the number killed in the 4 months December to March, but this rise is most pronounced in February and especially in March. This might partly be a result of the shortening of the season, but we should also draw the attention to the fact that the figures for the earlier years seem to indicate that the shoals of fin-whales present on the hunting grounds are varying much more from one season to another than the shoals of blue-whales. Taking into consideration the special regulation for the last season—the shortening of the hunting to the period December-March with no quotas fixed—it is, however, probable that the rise in the number of whales killed in the later part of the season is principally a consequence of the regulation, the result of which has been that the whaling operations in the last months have been carried on at a sort of pressure.

As we have no figures in this statistics showing the catch by year and months on the different areas in the Antarctic, we are not able to give a more detailed survey of the results of the hunting. In "Hvalrødets Skrifter," which are based upon more detailed reports from the different companies, the question of the catch on the different areas has been dealt with, and the readers who should like to study this question more thoroughly will get information through that publication.

As shown in Table *b*, by far the greatest number of whales caught in the Antarctic belongs to the species blue- and fin-whales. We noted above that the number of humpback-whales killed has been larger in the last season than in any year since the war. This species was of great importance in the first years when whaling was carried on in the Antarctic, but by far the greater part of the humpbacks killed in those years were killed off South Georgia and South Shetland. But the number declined very rapidly. In the season 1912-13 were killed 3,038 humpbacks. Since that time the number has been in all seasons lower than in 1934-35. We note that the greater part of the number killed in the last year is not killed on the old hunting grounds off South Georgia. In Table *h* the returns are given for the hunting off South Georgia, which shows a decline in the absolute number of whales and in the number of whales per boat.

Table h.—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.	Float-ing factories.	Catch-ers.	
1919-20	987	1,673	79	71	8	1) ¹⁾ 14	2,832	Barrels. 147,029	6	—	26	109
1920-21	856	2,643	103	36	31	1) 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	6	—	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	—	4,185	247,963	5	—	27	155
1930-31	1,085	1,416	66	144	24	1) 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	—	11	215
1934-35	556	836	37	125	21	—	1,575	108,141	2	—	10	158

1) Right-whales.

The number of whales per boat for pelagic whaling in the Antarctic was in:—

1930-31....	182.8
1931-32....	223.3
1932-33....	208.3
1933-34....	206.3
1934-35....	211.4

The figures given in Table *q*, page 16, show that the average size of blue-whales was lower in the last season than in former seasons.

In Table 8, page 28, is given the number of mature and immature whales killed. These figures are given for a series of seasons in Table *i*.

Table i.—Antarctic.

		1930/31.		1931/32		1932/33.		1933/34.		1934/35.	
		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.
Blue-whales.											
Immature	males.....	2,193	16.29	369	11.61	1,479	15.12	1,161	12.25	2,177	25.26
„	females....	1,980	16.82	386	14.29	1,841	20.32	1,622	20.66	2,677	34.27
„	animals....	4,173	16.54	755	12.84	3,320	17.62	2,783	16.06	4,854	29.54
Mature	males.....	11,267	83.71	2,809	88.39	8,305	84.88	8,319	87.75	6,443	74.74
„	females....	9,790	83.18	2,316	85.71	7,221	79.68	6,224	79.34	5,135	65.73
„	animals....	21,057	83.46	5,125	87.16	15,526	82.38	14,543	83.94	11,578	70.46
Fin-whales.											
Immature	males.....	1,455	28.93	587	39.13	454	16.77	617	16.45	1,150	17.44
„	females....	1,129	28.41	507	43.11	430	17.57	653	18.94	1,284	21.98
„	animals....	2,584	28.70	1,094	40.88	884	17.15	1,270	17.64	2,434	19.57
Mature	males.....	3,574	71.07	913	60.87	2,254	83.23	3,134	83.55	5,444	82.56
„	females....	2,845	71.59	669	56.89	2,017	82.43	2,795	81.06	4,557	78.02
„	animals....	6,419	71.30	1,582	59.12	4,271	82.85	5,929	82.36	10,001	80.43

The figures show that the percentages of immature blue-whales killed are varying from one season to another, but in the last season the percentage has gone up from 16.1 to 29.5. This means that a considerably greater number of young animals has been killed. As a consequence of this the average size of blue-whales has been lower in the last season. According to "Hvalrâdets Skrifter" no. 12, page 19 fol., earlier experience seems to indicate that the larger part of the shoals in the later months of the season are immature whales. The shortening of the season thus seems to have contributed to killing more immature whales than in previous years, which is not a happy result.

Table j.—Africa.

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.		
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
<i>Coast of Natal.</i>	1931	122	466	71	29	135	—	823	37,086	1	—	10
	1932	109	345	309	23	256 ¹⁾	1	1,043	44,112	1	—	8
	1933	85	602	162	11	306 ¹⁾	2	1,168	53,000	2	—	14
	1934	70	536	514	30	422 ¹⁾	2	1,574	60,924	2	—	17
	1935	122	526	418	90	595 ¹⁾	2	1,753	67,008	2	—	17
<i>Coast of Congo.</i>	1934	1	21	724	27	45	—	818	21,435	1	—	4
	1935	—	—	1,241	10	—	—	1,251	50,942	—	3	10

1) Right whales.

In Table *j* on the preceding page, are given the figures for the African whaling from 1931 by species and hunting grounds.

As mentioned above there were killed more whales off Africa in 1934-35 than in the earlier seasons. On these grounds there has been a rise in the number of whales killed for the last four years. The African whaling was in the years 1930, 1931, and 1932 only carried on off the coast of Natal, in the years 1933 and 1934 also off the coast of Congo.

The catch of humpbacks has in the last two seasons been the principal cause of the rise in the number of whales killed. From 1933 to 1934 there were killed 352 more humpbacks off the coast of Natal and 724 off the coast of Congo. In 1935 the number of humpbacks killed off the coast of Congo was 1,241. At the coast of Congo the humpbacks have always been the principal species, but the whaling stopped in 1926, started again in 1930, stopped in the years 1931-33 and started again in 1934. The figures seem to indicate that there is no basis for not restricted whaling on those grounds. The figures for the coast of Natal do not give the same picture, the whales killed being distributed on the different species and fin-whales and sperm-whales forming a considerable part of the catch.

The whaling in *North Atlantic and Arctic* is now of less importance. Table *k* gives the catch distributed by species and grounds for the years 1931-35.

Table k.—North Atlantic and Arctic.

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
<i>Faroe Islands.</i>	1933	6	91	—	7	3	—	107	3,243	1	—	2	
	1934	2	74	—	13	7	—	96	3,013	1	—	2	
	1935	3	75	2	3	5	—	88	2,997	1	—	2	
<i>Iceland.</i>	1935	2	25	—	1	—	—	28	691	1	—	2	
<i>West coast of Norway.</i>	1931	2	69	—	52	5	—	128	3,399	2	—	6	
	1932	23	190	1	59	6	—	279	8,431	3	—	9	
	1933	7	197	1	22	9	—	236	6,585	2	—	6	
	1934	—	132	—	172	4	—	308	6,305	2	—	6	
	1935	1	106	—	108	4	1) 6	225	4,488	3	—	10	
<i>Pelagic whaling in Arctic.</i>	1931	52	456	39	8	—	—	555	21,869	—	2	7	
	1932	38	443	9	24	—	2) 4	518	20,159	—	2	7	
	1933	43	549	7	—	41	—	640	25,005	—	3	10	
	1934	21	128	3	—	—	—	152	6,720	—	1	4	
<i>Coast of West Greenland.</i>	1931	—	16	4	—	—	—	20	—	—	—	1	
	1932	1	25	4	—	—	—	30	—	—	—	1	
	1933	3	17	1	—	—	—	21	—	—	—	1	
	1934	2	23	2	—	—	—	27	—	—	—	1	
	1935	—	23	6	—	—	—	29	—	—	—	—	
<i>New Foundland.</i>	1935	4	156	9	13	16	—	198	7,165	2	—	3	

1) Different kinds of small whales. 2) Right-whales.

The principal species killed on these grounds is fin-whales. As seen it is only on the west coast of Norway and on the coast of West Greenland that whaling has been carried on in all the years from 1931 till 1935. The pelagic whaling in the Arctic, which was of importance up till 1923, was not continued in 1935, but in this year whaling was again started on a small scale off Iceland, and in the last three years whaling—also on a small scale—has been carried on off the Faroe Islands.

In the last three years whaling on a small scale has been carried on off the Azores.

A specification for the years 1932–35 of the whales killed in the *Pacific North* by species is given in Table 1.

Table 1.—Pacific North.

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
<i>Pacific North.</i>	1932	—	—	—	—	— ¹⁾	319	319	14,350	1	1	7	
	1933	1	17	1	—	190 ¹⁾	382	591	24,080	2	1	9	
	1934	—	—	—	—	— ¹⁾	1,019	1,019	43,100	4	1	15	
	1935	140	117	148	6	253 ²⁾	191	855	38,784	3	2	16	

¹⁾ No specification. ²⁾ 2 right-whales and 189 without specification.

This whaling is also of minor importance.

The whaling off *Japan* is given in Table *m* by species of whales for the years 1931–35.

Table m.—Japan.

Grounds.	Years.	Species of whales caught.							Oil production.	Expeditions.			
		Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
<i>Japan and Corea.</i>	1931	20	337	70	418	283 ¹⁾	19	1,147	16,274	—	—	20	
	1932	17	270	90	370	268 ²⁾	21	1,036	20,230	—	—	20	
	1933	10	299	89	388	331 ³⁾	5	1,122	21,698	—	—	ca.20	
	1934	21	287	59	298	357 ⁴⁾	414	1,436	22,766	—	—	21	
	1935	21	273	70	380	479 ⁴⁾	564	1,787	29,178	—	—	21	
<i>Kamichatka.</i>	1933	—	—	—	—	— ⁵⁾	203	203	6,705	—	1	3	
	1934	2	150	51	1	74 ⁶⁾	61	339	12,168	—	1	3	
	1935	1	206	143	—	— ⁴⁾	137	487	19,398	—	1	3	

¹⁾ 11 grey-whales and 8 right-whales. ²⁾ 7 grey-whales and 14 right-whales. ³⁾ 2 grey-whales and 3 right-whales. ⁴⁾ No specification. ⁵⁾ No specification, mostly fin-whales. ⁶⁾ 54 grey-whales, 6 bottlenoses and 1 «Minke-whale».

In the last three seasons more and more whales have been killed on the coast of Japan and Corea. The blue-whale has in later years been of little importance, and the fin-whales are relatively less numerous

than in former years (see International Whaling Statistics II, page 35). The catch has in the later years been based upon the stock of sei-whale, sperm-whale, and different kinds of small whales.

In the last issue of the International Whaling Statistics, No. VI, we gave a survey of the whales killed, classified by sex, for a series of years. The figures including the season 1934-35 are the following:—

Table n.

Kind of whale and whaling grounds.		1934-1935.	1933-1934.	1932-1933.	1931-1932.	1930-1931.
Blue-whales.						
<i>Antarctic, pelagic whaling</i>	Males	8,378	9,257	9,673	2,962	12,760
	Females	7,498	7,535	8,907	2,480	11,156
	Total animals	15,876	16,792	18,580	5,442	23,916
	Males per 100 females ...	112	123	109	119	114
<i>South Georgia and Deception</i>	Males	242	223	111	216	700
	Females	314	311	155	222	614
	Total animals	556	534	266	438	1,314
	Males per 100 females ...	77	72	72	97	114
<i>Coast of Africa</i>	Males	59	—	—	—	—
	Females	63	—	—	—	—
	Total animals	122	—	—	—	—
	Males per 100 females ...	94	—	—	—	—
Fin-whales.						
<i>Antarctic, pelagic whaling</i>	Males	6,181	2,856	2,363	547	4,216
	Females	5,418	2,615	2,071	396	3,075
	Total animals	11,599	5,471	4,434	943	7,291
	Males per 100 females ...	114	109	114	138	137
<i>South Georgia and Deception</i>	Males	413	895	345	953	813
	Females	423	833	376	780	899
	Total animals	836	1,728	721	1,733	1,712
	Males per 100 females ...	98	107	92	122	90
<i>Coast of Africa</i>	Males	297	—	—	—	—
	Females	229	—	—	—	—
	Total animals	526	—	—	—	—
	Males per 100 females ...	130	—	—	—	—

A survey of the total oil production from 1919-20 to 1934-35 is given in Table o.

The output of oil was larger in 1934-35 than in the preceding season, but the output of oil per boat in the Antarctic and Arctic was smaller and so was the output per whale. The decline in the output of oil per whale is partly due to the change in the composition of the whales killed.

Table o.

Years.	All whaling grounds.		Principal grounds.						All whaling grounds.	Antarctic.
	Total oil output.	Oil output per boat.	Antarctic.		Arctic.		Africa.			
			Oil output.	Oil output per boat.	Oil output.	Oil output per boat.	Oil output.	Oil output per boat.	Oil output per whale.	Oil output per whale.
	Barrels. ¹⁾	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
1919-20	407,327	2,645	272,817	6,200	35,989	1,091	51,921	2,077	35.8	50.1
1920-21	471,141	4,206	390,627	8,311	6,661	1,110	48,453	2,423	38.7	46.2
1921-22	639,276	4,502	452,517	9,837	23,095	1,216	76,680	3,334	45.9	64.4
1922-23	817,314	4,697	614,547	10,242	30,446	1,218	99,073	2,607	45.1	62.0
1923-24	716,246	3,692	464,678	7,041	41,563	1,599	125,732	2,994	42.5	63.9
1924-25	1,040,408	4,446	697,091	10,724	38,208	1,318	150,985	2,849	44.7	66.5
1925-26	1,152,536	4,925	783,307	11,190	42,732	1,474	139,754	2,973	40.9	55.1
1926-27	1,191,922	5,138	872,362	10,904	43,927	1,417	135,031	3,069	49.3	68.9
1927-28	1,321,313	5,979	1,037,392	12,349	48,854	1,480	135,229	3,005	56.2	75.3
1928-29	1,886,082	7,826	1,631,340	14,697	39,729	1,282	145,065	3,224	67.6	80.2
1929-30	2,799,042	8,330	2,546,759	13,128	53,694	1,627	144,446	2,579	74.3	84.4
1930-31	3,686,976	13,359	3,608,348	15,553	25,268	1,805	37,086	3,709	86.0	89.8
1931-32	915,842	9,442	808,560	17,968	28,590	1,682	44,112	5,514	71.6	84.5
1932-33	2,596,778	14,190	2,456,462	20,817	34,833	1,833	53,000	3,786	90.6	101.0
1933-34	2,573,155	12,930	2,395,544	19,012	16,038	1,234	82,359	3,922	80.0	91.8
1934-35	2,691,283	11,121	2,453,999	16,039	15,341	902	117,950	4,369	68.6	77.2

¹⁾ Barrel = $\frac{1}{16}$ ton (1 ton = 1,016 kg.).

For a series of years we have tried to eliminate this by computing the average production of oil per blue-whale unit, as will be seen from Table p below.

Table p.—Average production of oil per blue-whale unit.¹⁾

Years.	South Georgia.	Other grounds in Antarctic.	Years.	South Georgia.	Other grounds in Antarctic.
	Barrels. ²⁾	Barrels.		Barrels.	Barrels.
1924-25.....	87.5	85.0	1930-31.....	100.1	105.6
1925-26.....	84.0	84.8	1931-32.....	92.9	102.6
1926-27.....	96.4	91.1	1932-33.....	86.5	114.6
1927-28.....	106.4	92.8	1933-34.....	91.8	111.9
1928-29.....	108.2	98.3	1934-35.....	105.1	102.2
1929-30.....	110.7	109.6			

¹⁾ 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. ²⁾ Barrel = $\frac{1}{16}$ ton. (1 ton = 1,016 kg.).

The average production of oil per blue-whale unit in the Antarctic was very low in 1934-35. The blue-whale unit regarded as a source of oil production is, however, not the same from one year to another, as the size both of the blue-whales and fin-whales varies. As pointed out above, the whales killed were shorter in the last season than in the preceding one, and the immature whales were more numerous among the blue-whales. This variation in the composition of the whales killed must lower the computed figures of the average production of oil per blue-whale unit.

The average size of blue-whales and fin-whales for a series of years is given in Table q.

Table q.—Average size of blue-whales and fin-whales.

Kind of whale and whaling grounds.	1934- 1935.	1933- 1934.	1932- 1933.	1931- 1932.	1930- 1931.	1929- 1930.	1928- 1929.	1927- 1928.	1926- 1927.	1925- 1926.
	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
Blue-whales.										
South Georgia	74.15	72.67	70.87	70.90	75.47	74.07	75.30	76.94	78.68	70.89
South Shetland	78.57	80.51	80.40	84.03	79.84	80.19	81.11	78.59	76.95	78.21
South Orkney								—	75.07	69.20
Pelagic whaling in Ant- arctic								—	—	—
Ross Sea	—	—	—	—	82.09	82.10	—	81.56	85.20	—
Coast of Africa:—										
Natal	67.43	67.06	67.21	66.67	65.34	69.38	—	—	—	—
Hanglip	—	—	—	—	—	68.18	—	—	—	—
Walvis Bay	—	—	—	—	—	66.53	—	—	—	—
Saldanha Bay	—	—	—	—	—	66.80	—	—	—	—
North Atlantic and Arctic:										
Pelagic whaling	—	75.33	74.24	73.47	75.73	73.42	—	—	—	—
Faroe Islands	64.00	—	—	—	—	—	—	—	—	—
Alaska	—	—	—	—	—	74.21	—	—	—	—
Coast of Mexico	65.57	—	—	—	—	—	—	—	—	—
Fin-whales.										
South Georgia	65.76	64.44	63.96	62.16	65.74	66.05	—	66.69	69.12	67.42
South Shetland	67.61	68.99	68.71	69.95	65.46	65.15	—	62.79	64.63	65.75
South Orkney								—	62.36	62.35
Pelagic whaling in Ant- arctic								—	—	—
Ross Sea	—	—	—	—	69.89	71.17	—	—	—	—
Coast of Africa:—										
Natal	60.70	60.03	60.02	59.69	58.59	62.16	—	—	—	—
Hanglip	—	—	—	—	—	59.62	—	—	—	—
Walvis Bay	—	—	—	—	—	55.18	—	—	—	—
Saldanha Bay	—	—	—	—	—	58.54	—	—	—	—
North Atlantic and Arctic:										
Pelagic whaling	—	61.66	62.35	63.38	62.31	60.36	—	—	—	—
Whaling from coast	59.23	59.65	59.40	—	—	60.16	—	—	—	—
Alaska and Br. Columbia	—	56.44	—	—	—	55.93	—	—	—	—
Coast of Mexico	59.33	—	—	—	—	—	—	—	—	—
Japan and Corea	—	—	—	—	—	55.15	—	—	—	—

In Table r the result of the whaling, number of whales killed, and oil production is given separately for the Norwegian whaling, the British whaling and the whaling of other countries.

The Norwegian and British whaling is by far the most important. Of these two countries Norway has had the lead up to 1931–32. In this year the Norwegian whaling fleet, which carries on whaling in the Antarctic, was laid up and the Norwegian catch was thus of little importance this year. In 1932–33 the output of Norwegian and British whaling was on the same level. In 1933–34 the number of whales caught by British whaling was higher than the number of whales caught by Norwegian whaling. The Nor-

Table r.

Years.	Norwegian whaling.		British whaling.		Whaling of other countries.	
	Number of whales.	Oil production.	Number of whales.	Oil production.	Number of whales.	Oil production.
		Barrels. ¹⁾		Barrels.		Barrels.
1919-20	4,590	210,659	3,378	137,448	3,401	59,220
1920-21	6,240	278,590	3,300	141,367	2,634	51,184
1921-22	6,157	332,039	4,105	196,086	3,678	111,151
1922-23	8,738	439,401	5,675	286,265	3,707	91,648
1923-24	7,180	366,963	5,759	258,079	3,900	91,204
1924-25	12,460	597,040	6,835	347,538	3,958	95,830
1925-26	14,727	662,641	8,735	380,107	4,731	109,788
1926-27	12,754	689,425	7,248	389,087	4,173	113,410
1927-28	11,791	799,361	7,079	400,192	4,654	121,790
1928-29	14,996	1,210,235	8,230	512,611	4,670	163,236
1929-30	21,609	1,796,221	12,204	856,797	3,861	146,024
1930-31	25,952	2,316,962	13,019	1,131,231	3,903	238,783
1931-32	797	28,590	9,765	803,955	2,235	83,297
1932-33	12,644	1,317,443	12,940	1,180,526	3,084	98,809
1933-34	13,657	1,253,694	14,564	1,190,924	3,946	128,537
1934-35	16,939	1,239,327	17,476	1,288,554	4,839	163,402

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

wegian whaling had, however, a larger output of oil than the British whaling. In 1934-35 the British whaling has for the first time surpassed the Norwegian whaling in the number of whales killed as well as in the output of oil.

Oslo, 15th of June 1936.

Gunnar Jahn.

Johan Hjort.

Table No. 1.—Whaling in 1934/35 and summer 1935.

Geographical areas.	Species of whales caught.							Oil production. Barrel = 1/6 ton. ¹⁾	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia	556	836	37	125	21	—	1,575	108,141	2	—	10
Antarctic, others (pelagic)	15,944	11,664	1,928	141	556	—	30,233	2,345,858	—	23	143
Coast of Africa:—											
Coast of Natal . .	122	526	418	90	595	²⁾ 2	1,753	67,008	2	—	17
Coast of Congo . .	—	—	1,241	10	—	—	1,251	50,942	—	3	10
Atlantic and Arctic:											
Portugal (Azores)	—	—	—	—	136	³⁾ 140	276	—	—	—	—
Faroe Islands . . .	3	75	2	3	5	—	88	2,997	1	—	2
Iceland	2	25	—	1	—	—	28	691	1	—	2
Coast of Norway	1	106	—	108	4	⁴⁾ 6	225	4,488	3	—	10
Coast of West Greenland	—	23	6	—	—	—	29	—	—	—	—
New Foundland . .	4	156	9	13	16	—	198	7,165	2	—	3
Pacific (north):—											
Alaska	87	94	141	—	70	²⁾ 2	394	19,485	2	—	7
British Columbia	6	20	1	—	175	—	202	10,334	1	—	4
California	—	—	—	—	—	³⁾ 189	189	5,144	—	1	2
Coast of Mexico . .	47	3	6	6	8	—	70	3,821	—	1	3
Coast of Chile	40	71	29	85	173	⁵⁾ 71	469	16,633	3	1	5
Coast of Kamtchatka	1	206	143	—	—	³⁾ 137	487	19,398	—	1	3
Coast of Japan and Corea	21	273	70	380	479	³⁾ 564	1,787	29,178	—	—	21
Total	16,834	14,078	4,031	962	2,238	1,111	39,254	2,691,283	17	30	242

¹⁾ 1 ton = 1,016 kg. ²⁾ Right-whales. ³⁾ No specification. ⁴⁾ Different kinds of small whales. ⁵⁾ Different kinds of small whales and 36 right-whales.

Table No. 2.—Norwegian whaling in 1934/35 and summer 1935.

Geographical areas.	Species of whales caught.							Oil production. Barrel = 1/6 ton.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
Antarctic, pelagic . .	8,038	5,925	952	141	407	—	15,463	1,183,897	—	13	78
Coast of Congo	—	—	1,241	10	—	—	1,251	50,942	—	3	10
Coast of Norway . . .	1	106	—	108	4	¹⁾ 6	225	4,488	3	—	10
Total	8,039	6,031	2,193	259	411	6	16,939	1,239,327	3	16	98

¹⁾ Different kinds of small whales.

Table No. 3.—British whaling in 1934/35 and summer 1935.

Geographical areas.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia.....	297	390	10	50	19	—	766	Barrel = 1/6 ton. 55,041	1	—	5
Antarctic, pelagic..	7,781	5,656	972	—	148	—	14,557	1,149,006	—	9	62
Coast of Natal....	122	526	418	90	595	1)	2	1,753	67,008	2	17
New Foundland ...	4	156	9	13	16	—	—	198	7,165	2	3
British Columbia ..	6	20	1	—	175	—	—	202	10,334	1	4
Total	8,210	6,748	1,410	153	953	2	17,476	1,288,554	6	9	91

1) Right-whales.

Table No. 4.—Whaling of other countries in 1934/35 and summer 1935.

Geographical areas.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
South Georgia.....	259	446	27	75	2	—	809	Barrel = 1/6 ton. 53,100	1	—	5
Antarctic, pelagic..	125	83	4	—	1	—	213	12,955	—	1	3
Portugal (Azores)..	—	—	—	—	—	136	1) 140	276	—	—	—
Faroe Islands.....	3	75	2	3	5	—	88	2,997	1	—	2
Iceland.....	2	25	—	1	—	—	28	691	1	—	2
West Greenland...	—	23	6	—	—	—	29	—	—	—	—
Alaska.....	87	94	141	—	70	2)	2	394	19,485	2	7
California.....	—	—	—	—	—	1)	189	189	5,144	—	2
Coast of Mexico...	47	3	6	6	8	—	70	3,821	—	1	2
Coast of Chile.....	40	71	29	85	173	3)	71	469	16,633	3	7
Coast of Kamtchatka	1	206	143	—	—	1)	137	487	19,398	—	2
Coast of Japan and Corea.....	21	273	70	380	479	1)	564	1,787	29,178	—	21
Total	585	1,299	428	550	874	1,103	4,839	163,402	8	5	52

1) No specification. 2) Right-whales. 3) Different kinds of small whales and 36 right-whales.

Table No. 5.—Whaling results for the various countries in 1934/35 and summer 1935.

Countries.	Species of whales caught.							Oil production.	Expeditions.			
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.	
Norway.....	8,039	6,031	2,192	259	411	1)	6	16,939	Barrel = 1/6 ton. 1,239,327	3	16	98
British Empire....	8,210	6,748	1,410	153	953	2)	2	17,476	1,288,554	6	9	91
Argentina.....	259	446	27	75	2	—	—	809	53,100	1	—	5
Chile.....	40	71	29	85	173	3)	71	469	16,633	3	1	7
Denmark.....	3	98	8	3	5	—	—	117	2,997	1	—	2
Iceland.....	2	25	—	1	—	—	—	28	691	1	—	2
Japan.....	146	356	74	380	480	4)	564	2,000	42,133	—	1	22
Mexico.....	47	3	6	6	8	—	—	70	3,821	—	1	2
Portugal (Azores) ..	—	—	—	—	—	136	4)	140	276	—	—	—
Sovjet Russia.....	1	206	143	—	—	4)	137	487	19,398	—	1	2
United States.....	87	94	141	—	70	5)	191	583	24,329	2	1	9
Total	16,834	14,078	4,031	962	2,238	1,111	39,254	2,691,283	17	30	242	

1) Different kinds of small whales. 2) Right-whales. 3) Different kinds of small whales and 36 right-whales. 4) No specification. 5) 2 right-whales and 189 without specification.

Table No. 6.—Average size of whales caught in the season 1934/35 and summer 1935.

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
A. Blue-whales.				
<i>South Georgia</i>	No. 1	Engl. feet.	Engl. feet.	Engl. feet.
Males 242 } Total 556.	" 2	73.20	74.96	74.16
Females 314 }		72.57	75.27	74.14
Average		72.88	75.13	74.15
<i>Antarctic, others</i> (pelagic whaling)	No. 1	81.86	84.30	82.92
Males 8,378 } Total 15,876.	" 2	80.75	83.14	81.92
Females 7,498 }	" 3	79.40	82.58	80.93
	" 4	78.69	81.20	79.75
	" 5	78.62	80.59	79.54
	" 6	77.98	80.55	79.16
	" 7	77.75	80.33	79.03
	" 8	77.53	80.44	78.81
	" 9	76.18	80.24	78.38
	" 10	77.51	79.46	78.34
	" 11	77.58	79.11	78.33
	" 12	76.07	80.65	78.22
	" 13	77.07	79.45	78.17
	" 14	76.80	79.60	78.15
	" 15	76.28	79.86	78.15
	" 16	76.84	79.72	78.08
	" 17	75.24	79.45	77.77
	" 18	75.97	78.12	77.03
	" 19	75.67	77.73	76.70
	" 20	75.74	77.01	76.39
	" 21	74.54	76.47	75.42
	" 22	73.99	76.16	75.03
Average		77.39	79.88	78.57
<i>Coast of Natal</i>	No. 1	65.88	68.87	67.43
Males 59 } Total 122.				
Females 63 }				
<i>Faroe Islands</i>	No. 1	61.00	65.50	64.00
Males 1 } Total 3.				
Females 2 }				
<i>Coast of Mexico</i>	No. 1	65.78	65.45	65.57
Males 18 } Total 47.				
Females 29 }				
B. Fin-whales.				
<i>South Georgia</i>	No. 1	65.07	66.50	65.80
Males 413 } Total 836.	" 2	64.80	66.62	65.72
Females 423 }		64.94	66.56	65.76
Average				

Table No. 6 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
<i>Antarctic, others</i> (pelagic whaling) Males 6,181 } Total 11,599. Females 5,418 }	No. 1	70.81	73.27	71.96
	" 2	68.98	73.20	70.77
	" 3	68.12	70.99	69.37
	" 4	67.28	70.72	68.98
	" 5	67.08	70.82	68.88
	" 6	65.97	70.26	68.35
	" 7	67.22	69.36	68.18
	" 8	66.67	69.22	67.84
	" 9	66.83	68.91	67.76
	" 10	66.35	68.76	67.59
	" 11	66.68	68.20	67.49
	" 12	66.34	69.19	67.48
	" 13	66.05	69.10	67.28
	" 14	65.68	68.87	67.20
	" 15	65.94	68.20	67.07
	" 16	65.77	68.18	66.87
	" 17	65.69	68.49	66.87
	" 18	64.93	67.90	66.54
	" 19	64.84	67.93	66.44
	" 20	64.66	67.10	65.83
	" 21	64.59	66.85	65.66
	" 22	64.03	66.81	65.49
Average		66.37	69.02	67.61
<i>Coast of Natal</i>	No. 1	60.49	60.97	60.70
Males 297 } Total 526. Females 229 }				
<i>Coast of Norway</i>	No. 1	64.00	58.69	59.94
Males 46 } Total 104. Females 58 }	" 2	58.09	60.69	59.50
" 3	56.15	59.58	57.82	
Average		57.76	59.88	58.94
<i>Faroe Islands</i>	No. 1	56.92	61.13	59.05
Males 37 } Total 75. Females 38 }				
<i>Coast of West Greenland</i>	No. 1	60.00	61.93	61.17
Males 9 } Total 23. Females 14 }				

Table No. 6 (continued).

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
<i>Coast of Mexico</i>	No. 1	59.00	60.00	59.33
Males 2 } Females 1 } Total 3.				
<u>C. Humpbacks.</u>				
<i>South Georgia</i>	No. 1	48.00	42.00	45.56
Males 21 } Females 16 } Total 37.	" 2	40.20	40.80	40.50
Average		46.14	41.63	44.19
<i>Antarctic, others</i> (pelagic whaling)	No. 1	47.00	46.83	46.89
Males 900 } Females 1,027 } Total 1,927.	" 2	45.14	46.17	45.79
	" 3	42.25	46.91	45.67
	" 4	—	45.00	45.00
	" 5	—	44.40	44.40
	" 6	36.75	44.73	43.50
	" 7	42.09	44.34	43.34
	" 8	41.71	43.97	42.92
	" 9	39.00	43.65	42.72
	" 10	39.00	43.75	41.71
	" 11	41.45	41.63	41.55
	" 12	38.68	43.14	40.77
	" 13	39.50	42.23	40.62
	" 14	37.43	41.47	40.18
	" 15	38.60	41.45	40.11
	" 16	38.61	40.92	39.84
	" 17	39.35	40.21	39.76
	" 18	38.33	40.89	39.58
	" 19	37.24	39.96	38.83
	" 20	37.33	37.00	37.25
	" 21	37.50	36.50	37.00
	" 22	34.00	38.00	35.33
Average		39.43	42.06	40.83
<i>Coast of Natal</i>	No. 1	36.48	36.53	36.51
Males 213 } Females 205 } Total 418.				
<i>Coast of Congo</i>	No. 1	36.60	37.95	37.13
Males 722 } Females 519 } Total 1,241.	" 2	35.59	37.82	36.60
	" 3	35.12	37.38	36.00
Average		35.86	37.78	36.66

Table No. 7.—Whales caught in the season 1934/35 in the Antarctic, 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.	
52	1	—	1	82	507	392	899
54	1	—	1	83	463	418	881
55	1	1	2	84	361	409	770
57	1	—	1	85	297	503	800
58	1	5	6	86	154	421	575
59	3	—	3	87	98	364	462
60	11	6	17	88	74	281	355
61	7	16	23	89	27	217	244
62	15	21	36	90	26	243	269
63	28	18	46	91	3	121	124
64	28	33	61	92	3	88	91
65	106	107	213	93	3	54	57
66	204	163	367	94	2	32	34
67	159	125	284	95	—	21	21
68	167	159	326	96	1	14	15
69	170	135	305	97	—	6	6
70	246	206	452	98	—	8	8
71	349	259	608	99	—	2	2
72	311	282	593	100	—	3	3
73	368	258	626				
74	302	206	508	Sum	8,620	7,812	16,432
75	297	198	495				
76	703	479	1,182	Average size	{ Males: 77.27 feet		
77	519	313	832		{ Females: 79.69 "		
78	636	299	935		{ Total animals: 78.42 "		
79	524	217	741	Per cent	{ Males: 52.46		
80	886	427	1,313		{ Females: 47.54		
81	557	282	839				

Fin-whales.

46	1	—	1	72	222	513	735
50	3	2	5	73	134	418	552
51	6	6	12	74	78	381	459
52	9	9	18	75	49	343	392
53	16	11	27	76	15	203	218
54	16	12	28	77	10	158	168
55	68	52	120	78	4	78	82
56	100	72	172	79	4	26	30
57	94	71	165	80	—	23	23
58	108	91	199	81	1	10	11
59	117	92	209	82	1	4	5
60	224	165	389	83	—	4	4
61	182	154	336	84	—	1	1
62	206	160	366	85	—	1	1
63	262	199	461	88	—	1	1
64	347	188	535	Sum	6,594	5,841	12,435
65	542	207	749				
66	741	289	1,030	Average size	{ Males: 66.28 feet		
67	745	293	1,038		{ Females: 68.84 "		
68	756	328	1,084		{ Total animals: 67.48 "		
69	569	315	884	Per cent	{ Males: 53.03		
70	633	520	1,153		{ Females: 46.97		
71	331	441	772				

Table No. 7 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
24	2	—	2	44	37	83	120
25	1	—	1	45	63	107	170
26	2	—	2	46	36	88	124
27	7	3	10	47	18	66	84
28	3	2	5	48	14	55	69
29	3	3	6	49	2	19	21
30	9	8	17	50	2	15	17
31	11	3	14	51	2	5	7
32	22	10	32	52	2	2	4
33	29	11	40	53	1	1	2
34	30	25	55	54	2	—	2
35	53	38	91	57	1	—	1
36	64	49	113	Sum	921	1,043	1,964
37	63	40	103	Average size	Males: 39.58 feet		
38	68	37	105		Females: 42.05 "		
39	50	42	92		Total animals: 40.89 "		
40	101	73	174	Per cent	Males: 46.89		
41	68	58	126		Females: 53.11		
42	98	118	216				
43	57	82	139				

a. South Georgia.

Blue-whales.

58	—	1	1	80	6	9	15
60	2	1	3	81	8	14	22
61	1	7	8	82	4	8	12
62	3	5	8	83	—	8	8
63	4	3	7	84	3	13	16
64	10	6	16	85	1	8	9
65	4	2	6	86	—	9	9
66	13	15	28	87	1	4	5
67	13	7	20	88	—	5	5
68	6	12	18	89	—	3	3
69	8	9	17	90	—	2	2
70	3	9	12	91	—	4	4
71	24	30	54	92	—	1	1
72	15	20	35	Sum	242	314	556
73	13	8	21	Average size	Males: 72.88 feet		
74	27	22	49		Females: 75.13 "		
75	10	14	24		Total animals: 74.15 "		
76	24	17	41	Per cent	Males: 43.53		
77	15	10	25		Females: 56.47		
78	17	12	29				
79	7	16	23				

Table No. 7 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.		
	males.	females.			males.	females.			
50	1	2	3	71	15	33	48		
51	2	5	7	72	6	27	33		
52	1	2	3	73	6	15	21		
53	3	5	8	74	6	21	27		
54	5	5	10	75	4	11	15		
55	6	2	8	76	—	7	7		
56	4	6	10	77	1	2	3		
57	5	2	7	78	—	3	3		
58	11	13	24	79	—	2	2		
59	9	8	17	80	—	1	1		
60	9	9	18	81	—	1	1		
61	21	27	48	Sum	413	423	836		
62	18	16	34	Average size { Males: 64.94 feet Females: 66.56 " Total animals: 65.76 " Per cent { Males: 49.40 Females: 50.60					
63	25	17	42						
64	52	30	82						
65	29	13	42						
66	78	38	116						
67	36	20	56						
68	21	23	44						
69	29	42	71						
70	10	15	25						

Humpbacks.

34	1	1	2	50	1	—	1		
35	3	—	3	51	2	—	2		
36	—	2	2	52	2	—	2		
37	—	1	1	53	1	—	1		
39	—	1	1	54	2	—	2		
40	1	1	2	Sum	21	16	37		
41	—	1	1	Average size { Males: 46.14 feet Females: 41.63 " Total animals: 44.19 " Per cent { Males: 56.76 Females: 43.24					
42	—	1	1						
44	1	3	4						
45	1	3	4						
46	2	—	2						
47	1	2	3						
48	2	—	2						
49	1	—	1						

Table No. 7 (continued).

b. Antarctic, pelagic whaling.

Blue-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
52	1	—	1	82	503	384	887
54	1	—	1	83	463	410	873
55	1	1	2	84	358	396	754
57	1	—	1	85	296	495	791
58	1	4	5	86	154	412	566
59	3	—	3	87	97	360	457
60	9	5	14	88	74	276	350
61	6	9	15	89	27	214	241
62	12	16	28	90	26	241	267
63	24	15	39	91	3	117	120
64	18	27	45	92	3	87	90
65	102	105	207	93	3	54	57
66	191	148	339	94	2	32	34
67	146	118	264	95	—	21	21
68	161	147	308	96	1	14	15
69	162	126	288	97	—	6	6
70	243	197	440	98	—	8	8
71	325	229	554	99	—	2	2
72	296	262	558	100	—	3	3
73	355	250	605				
74	275	184	459				
75	287	184	471	Sum	8,378	7,498	15,876
76	679	462	1,141				
77	504	303	807	Average size	{	Males: 77.39 feet	
78	619	287	906			Females: 79.88 "	
79	517	201	718			Total animals: 78.57 "	
80	880	418	1,298	Per cent	{	Males: 52.77	
81	549	268	817			Females: 47.23	

Fin-whales.

46	1	—	1	72	216	486	702
50	2	—	2	73	128	403	531
51	4	1	5	74	72	360	432
52	8	7	15	75	45	332	377
53	13	6	19	76	15	196	211
54	11	7	18	77	9	156	165
55	62	50	112	78	4	75	79
56	96	66	162	79	4	24	28
57	89	69	158	80	—	22	22
58	97	78	175	81	1	9	10
59	108	84	192	82	1	4	5
60	215	156	371	83	—	4	4
61	161	127	288	84	—	1	1
62	188	144	332	85	—	1	1
63	237	182	419	88	—	1	1
64	295	158	453				
65	513	194	707	Sum	6,181	5,418	11,599
66	663	251	914				
67	709	273	982	Average size	{	Males: 66.37 feet	
68	735	305	1,040			Females: 69.02 "	
69	540	273	813			Total animals: 67.61 "	
70	623	505	1,128	Per cent	{	Males: 53.29	
71	316	408	724			Females: 46.71	

Table No. 7 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
24	2	—	2	44	36	80	116
25	1	—	1	45	62	104	166
26	2	—	2	46	34	88	122
27	7	3	10	47	17	64	81
28	3	2	5	48	12	55	67
29	3	3	6	49	1	19	20
30	9	8	17	50	1	15	16
31	11	3	14	51	—	5	5
32	22	10	32	52	—	2	2
33	29	11	40	53	—	1	1
34	29	24	53	57	1	—	1
35	50	38	88				
36	64	47	111	Sum	900	1,027	1,927
37	63	39	102				
38	68	37	105				
39	50	41	91	Average size	{	Males: 39.43 feet	
40	100	72	172			Females: 42.06 "	
41	68	57	125			Total animals: 40.83 "	
42	98	117	215	Per cent	{	Males: 46.70	
43	57	82	139			Females: 53.30	

Table No. 8.—Whales caught in the season 1934/35 in the Antarctic, by species, sex and groups of size.**Total Antarctic.****Blue-whales.**

	Number of whales.	Per cent.
Group 1. (70 feet and less)	2,144	13.05
„ 2. (71 feet to 85 feet).....	12,022	73.16
„ 3. (above 85 feet).....	2,266	13.79
	16,432	100.00
Immature males	2,177	25.26
„ females	2,677	34.27
„ animals	4,854	29.54
Mature males	6,443	74.74
„ females.....	5,135	65.73
„ animals	11,578	70.46

Table No. 8 (continued).

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less)	211	1.70
„ 2. (56 feet to 65 feet).....	3,581	28.80
„ 3. (above 65 feet).....	8,643	69.50
	12,435	100.00
Immature males	1,150	17.44
„ females.....	1,284	21.98
„ animals	2,434	19.57
Mature males	5,444	82.56
„ females.....	4,557	73.02
„ animals	10,001	80.43

a. South Georgia.

Blue-whales.

	Number of whales.	Per cent.
Gr. 1. (70 feet and less) ..	144	25.90
» 2. (71 feet to 85 feet).	383	68.88
» 3. (above 85 feet).....	29	5.22
	556	100.00
Immature males	119	49.17
„ females.....	188	59.87
„ animals	307	55.22
Mature males	123	50.83
„ females.....	126	40.13
„ animals	249	44.78

Fin-whales.

	Number of whales.	Per cent.
Gr. 1. (55 feet and less) ..	39	4.67
» 2. (56 feet to 65 feet).	324	38.75
» 3. (above 65 feet)	473	56.58
	836	100.00
Immature males	95	23.00
„ females.....	149	35.22
„ animals	244	29.19
Mature males.....	318	77.00
„ females	274	64.78
„ animals	592	70.81

b. Antarctic, pelagic whaling.

Blue-whales.

	Number of whales.	Per cent.
Gr. 1. (70 feet and less) ..	2,000	12.60
» 2. (71 feet to 85 feet).	11,639	73.31
» 3. (above 85 feet)	2,237	14.09
	15,876	100.00
Immature males	2,058	24.56
„ females.....	2,489	33.20
„ animals	4,547	28.64
Mature males	6,320	75.44
„ females	5,009	66.80
„ animals	11,329	71.36

Fin-whales.

	Number of whales.	Per cent.
Gr. 1. (55 feet and less) ..	172	1.48
» 2. (56 feet to 65 feet).	3,257	28.08
» 3. (above 65 feet).....	8,170	70.44
	11,599	100.00
Immature males	1,055	17.07
„ females	1,135	20.95
„ animals	2,190	18.88
Mature males	5,126	82.93
„ females	4,283	79.05
„ animals	9,409	81.12

**Table No. 9.—Average production of oil per blue-whale
in the season 1934/35 and summer 1935.**

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 equivalents.	Oil production.	
			Total.	Per blue-whale equivalent.
<i>South Georgia</i>	No. 1	504.3	53,890	106.9
	„ 2	505.3	52,245	103.4
	Average	—	—	105.1
<i>Antarctic, others</i> (pelagic whaling)	No. 1	477.4	63,140	132.3
	„ 2	665.0	82,749	124.4
	„ 3	996.0	118,327	118.8
	„ 4	1,050.3	121,671	115.8
	„ 5	1,278.2	145,682	114.0
	„ 6	833.3	93,187	111.8
	„ 7	748.8	82,385	110.0
	„ 8	1,131.2	121,261	107.2
	„ 9	1,377.0	142,086	103.2
	„ 10	1,128.1	115,236	102.2
	„ 11	1,790.7	182,852	102.1
	„ 12	237.1	23,950	101.0
	„ 13	438.2	43,780	99.9
	„ 14	1,319.8	130,960	99.2
	„ 15	677.5	66,886	98.7
	„ 16	1,347.1	129,229	95.9
	„ 17	1,625.1	154,127	94.8
	„ 18	1,485.8	139,037	93.6
	„ 19	971.9	88,969	91.5
	„ 20	100.9	9,083	90.0
	„ 21	1,012.4	90,597	89.5
	„ 22	1,769.8	154,553	87.3
	„ 23	168.1	12,955	77.1
Average	—	—	102.2	
<i>Coast of Natal</i>	No. 1	567.2	49,644	87.5
<i>Coast of Congo</i>	No. 1	102.0	10,612	104.0
	„ 2	221.5	22,649	102.3
	„ 3	174.8	17,681	101.2
Average	—	—	102.2	
<i>Coast of Norway</i>	No. 1	21.7	1,357	62.5
	„ 2	34.0	1,995	58.7
	„ 3	14.0	786	56.1
	„ 4	2.3	90	39.1
Average	—	—	58.7	
<i>Faroe Islands</i>	No. 1	41.8	2,663	63.7
<i>New Foundland</i>	No. 1	87.4	6,238	71.0
<i>Coast of Mexico</i>	No. 1	51.9	3,416	65.8

¹⁾ 1 ton = 1,016 kg.

Table No. 10.—Whale foetuses.

I. Blue-whale foetuses

measured in the Southern Seas in the season 1934/35.

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
17/10 34	82	1' 8"	M	19/11 34	84	7' 0"	M	1/12 34	90	4' 0"	F
19/10 "	81	4' 0"	F	20/11 "	79	5' 0"	M	" "	84	3' 0"	M
20/10 "	86	2' 0"	M	" "	86	5' 0"	"	" "	83	7' 0"	F
" "	90	3' 0"	M	" "	88	3' 0"	"	" "	86	5' 5"	F
22/10 "	89	3' 6"	"	21/11 "	84	5' 0"	F	" "	74	4' 5"	M
23/10 "	86	4' 0"	F	" "	88	3' 0"	"	" "	91	7' 0"	F
" "	84	6' 0"	M	" "	94	2' 0"	"	" "	77	2' 0"	M
" "	87	0' 10"	"	" "	85	2' 6"	"	" "	80	5' 0"	"
24/10 "	86	2' 0"	F	22/11 "	90	4' 0"	M	" "	88	5' 0"	"
" "	88	5' 0"	"	" "	82	2' 0"	M	" "	92	5' 0"	"
" "	89	5' 0"	"	" "	90	4' 0"	M	" "	91	7' 0"	"
25/10 "	88	2' 0"	M	" "	84	5' 0"	F	" "	81	8' 0"	M
" "	86	3' 0"	"	" "	92	4' 0"	"	" "	83	1' 0"	F
" "	90	4' 0"	"	23/11 "	83	3' 0"	F	" "	82	5' 0"	F
26/10 "	88	4' 0"	M	" "	87	3' 0"	M	" "	84	6' 0"	F
" "	87	2' 0"	F	" "	87	7' 0"	F	" "	83	7' 6"	F
27/10 "	90	3' 0"	F	24/11 "	90	4' 0"	F	2/12 "	80	2' 0"	M
" "	88	3' 6"	"	" "	84	5' 0"	"	" "	80	4' 0"	F
28/10 "	85	5' 0"	M	25/11 "	86	6' 0"	"	" "	85	10' 6"	"
29/10 "	90	1' 0"	M	" "	92	10' 0"	"	" "	84	5' 0"	"
30/10 "	89	3' 6"	"	" "	83	5' 0"	"	" "	84	4' 0"	F
31/10 "	91	4' 0"	M	26/11 "	86	2' 0"	M	" "	88	5' 0"	F
" "	85	4' 6"	F	" "	86	8' 0"	F	" "	85	1' 5"	M
1/11 "	87	2' 0"	M	" "	86	2' 0"	"	" "	86	6' 0"	M
" "	88	4' 0"	M	27/11 "	85	6' 0"	M	" "	68	19' 0"	F
3/11 "	88	6' 0"	"	" "	93	7' 0"	F	" "	84	4' 6"	M
4/11 "	86	2' 0"	M	" "	86	4' 6"	"	" "	90	4' 0"	M
" "	85	4' 0"	M	" "	84	5' 0"	"	" "	79	3' 6"	M
" "	88	1' 0"	M	" "	86	6' 0"	"	" "	88	6' 0"	F
" "	88	5' 0"	"	28/11 "	80	7' 0"	M	" "	87	4' 6"	M
5/11 "	90	3' 0"	M	" "	86	6' 0"	F	" "	87	6' 0"	M
6/11 "	89	3' 0"	M	" "	84	4' 0"	F	3/12 "	92	5' 0"	F
" "	84	3' 0"	"	" "	85	2' 0"	"	" "	86	4' 0"	M
" "	87	3' 6"	"	" "	89	7' 0"	"	" "	83	10' 0"	M
7/11 "	95	5' 6"	F	" "	93	6' 0"	"	" "	95	10' 6"	"
8/11 "	79	2' 6"	"	" "	89	5' 0"	"	" "	85	5' 0"	M
11/11 "	86	4' 0"	F	29/11 "	90	5' 0"	F	" "	87	4' 6"	F
" "	88	5' 0"	"	" "	91	5' 0"	M	" "	85	4' 0"	"
" "	93	7' 0"	"	" "	86	3' 0"	"	" "	79	3' 5"	M
13/11 "	85	7' 0"	M	30/11 "	80	10' 0"	M	" "	84	14' 0"	F
" "	87	1' 8"	M	" "	80	6' 0"	F	" "	88	8' 0"	M
" "	87	2' 0"	"	" "	89	6' 0"	"	" "	83	5' 0"	F
14/11 "	82	6' 2"	F	" "	86	8' 0"	"	" "	86	5' 0"	M
" "	94	6' 0"	M	" "	94	5' 0"	"	" "	98	6' 0"	"
" "	87	6' 0"	"	1/12 "	86	5' 0"	M	" "	80	5' 0"	M
15/11 "	90	6' 0"	F	" "	83	4' 0"	F	" "	85	5' 0"	M
" "	90	4' 0"	F	" "	84	4' 0"	M	" "	85	3' 6"	F
16/11 "	87	4' 0"	M	" "	82	3' 0"	F	" "	90	4' 0"	F
" "	87	5' 0"	M	" "	87	3' 0"	M	" "	79	4' 0"	M
" "	87	1' 6"	F	" "	80	4' 0"	"	" "	86	6' 6"	F
17/11 "	83	4' 0"	F	" "	86	7' 0"	F	" "	83	1' 0"	M
18/11 "	85	5' 0"	F	" "	85	5' 0"	M	" "	92	7' 0"	F
" "	89	4' 6"	"	" "	86	3' 6"	F	4/12 "	86	3' 0"	M

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
4/12 34	86	4' 0"	M	6/12 34	82	4' 0"	M	9/12 34	87	9' 0"	
" "	84	5' 0"	M	" "	85	8' 0"		" "	87	10' 0"	
" "	81	3' 0"	F	" "	82	3' 6"		" "	81	3' 0"	
" "	88	4' 0"	F	" "	78	6' 0"		" "	85	4' 0"	
" "	83	11' 0"	M	7/12 "	85	7' 0"	M	" "	84	6' 0"	
" "	85	7' 5"	F	" "	91	3' 0"	M	" "	89	9' 0"	F
" "	86	5' 0"	M	" "	84	4' 0"	M	" "	81	3' 0"	F
" "	80	6' 0"	F	" "	90	10' 0"	F	" "	83	8' 0"	F
" "	77	8' 0"		" "	81	6' 0"	M	" "	85	12' 0"	
" "	89	11' 0"	F	" "	76	4' 0"	F	" "	92	11' 0"	
" "	87	2' 6"		" "	90	13' 0"	M	" "	85	4' 0"	
" "	82	4' 0"	M	" "	87	5' 0"	M	" "	86	3' 6"	
" "	80	8' 0"	M	" "	92	7' 0"	F	" "	89	8' 0"	F
" "	81	8' 0"		" "	91	3' 0"	M	" "	83	6' 0"	F
" "	91	4' 0"	F	" "	76	4' 0"	M	" "	85	4' 0"	M
" "	84	3' 0"	F	" "	90	8' 0"	F	10/12 "	86	5' 0"	M
5/12 "	91	6' 0"	M	" "	82	5' 0"	F	" "	82	7' 0"	F
" "	74	4' 0"	F	" "	86	2' 0"	F	" "	88	6' 0"	F
" "	84	7' 0"	F	" "	87	4' 0"		" "	87	9' 0"	F
" "	85	7' 5"	M	" "	79	4' 0"	F	" "	86	7' 0"	F
" "	82	5' 11"	F	" "	83	5' 0"	M	" "	82	6' 2"	
" "	91	4' 2"	M	" "	75	2' 0"	F	" "	91	10' 0"	F
" "	86	3' 1"	F	" "	85	9' 0"		" "	77	4' 0"	
" "	83	6' 0"	F	" "	86	12' 0"		" "	88	7' 0"	
" "	86	9' 0"	F	" "	85	2' 0"		" "	85	5' 0"	
" "	88	8' 0"	M	" "	89	3' 6"	F	" "	82	3' 0"	
" "	92	11' 0"	M	" "	87	4' 0"	F	" "	90	7' 0"	
" "	85	8' 0"	M	" "	88	9' 0"	F	" "	83	12' 0"	
" "	98	6' 0"		8/12 "	93	8' 0"	F	" "	89	4' 0"	
" "	86	3' 0"		" "	85	9' 0"	M	" "	88	6' 0"	
" "	94	4' 0"		" "	78	6' 0"	M	" "	87	7' 0"	M
" "	85	5' 0"		" "	79	6' 0"	M	" "	81	6' 0"	F
" "	90	7' 0"	F	" "	91	2' 0"		" "	85	4' 0"	F
" "	84	6' 0"		" "	85	5' 0"		" "	86	8' 0"	F
" "	76	3' 0"	M	" "	91	3' 0"	M	" "	87	11' 0"	
" "	85	4' 0"	M	" "	87	7' 0"	F	" "	88	5' 0"	
" "	88	5' 0"	F	" "	91	4' 0"	F	" "	83	1' 6"	
" "	89	6' 0"	M	" "	84	4' 6"	M	11/12 "	88	7' 0"	M
6/12 "	90	8' 0"	M	" "	89	4' 0"	M	" "	80	6' 0"	M
" "	86	6' 0"	F	" "	84	4' 0"	M	" "	87	5' 0"	F
" "	86	6' 0"	F	" "	84	5' 6"	M	" "	84	6' 0"	M
" "	82	7' 0"	M	" "	86	7' 0"		" "	84	8' 0"	M
" "	89	10' 0"		" "	87	6' 0"		" "	85	10' 0"	F
" "	85	4' 0"	M	" "	86	4' 0"		" "	85	3' 0"	M
" "	81	2' 0"	M	" "	90	9' 0"		" "	88	7' 0"	M
" "	89	7' 4"	F	" "	84	4' 0"	M	" "	79	3' 0"	M
" "	82	5' 6"	F	" "	86	6' 0"	M	" "	83	3' 0"	M
" "	84	2' 0"	F	" "	85	5' 0"	M	" "	95	8' 0"	M
" "	85	4' 0"	M	" "	90	6' 0"	F	" "	86	4' 0"	F
" "	90	4' 0"	F	" "	83	5' 0"	F	" "	83	6' 0"	F
" "	87	5' 0"	M	9/12 "	84	5' 0"	F	" "	90	2' 0"	
" "	83	2' 0"	F	" "	85	4' 0"	M	" "	91	8' 0"	F
" "	88	6' 0"	M	" "	93	5' 0"	F	" "	88	8' 0"	F
" "	83	2' 0"		" "	82	5' 0"	F	" "	88	7' 0"	
" "	89	3' 0"		" "	81	8' 0"	F	" "	80	4' 0"	
" "	87	6' 0"		" "	94	7' 0"		" "	81	5' 0"	
" "	72	4' 0"	F	" "	93	7' 0"		" "	79	8' 0"	
" "				" "	81	3' 0"		" "	92	6' 0"	M

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
¹² / ₁₂ 34	88	6' 0"	M	¹⁴ / ₁₂ 34	84	6' 6"	F	¹⁶ / ₁₂ 34	85	11' 0"	F
" "	80	6' 0"	M	" "	84	6' 0"	F	" "	84	5' 0"	
" "	86	6' 0"	F	" "	83	9' 0"	M	" "	87	3' 0"	
" "	87	11' 6"	M	" "	84	6' 0"	M	" "	87	4' 0"	M
" "	84	7' 3"		" "	86	12' 0"	M	¹⁷ / ₁₂ "	86	9' 0"	F
" "	90	6' 0"	M	" "	85	8' 0"	F	" "	86	6' 0"	M
" "	80	4' 0"	F	" "	100	9' 0"		" "	80	4' 0"	F
" "	87	9' 0"	F	" "	81	4' 0"		" "	84	4' 0"	M
" "	90	9' 0"	M	" "	86	10' 0"	F	" "	85	8' 0"	F
" "	83	2' 0"		" "	80	6' 0"	M	" "	85	10' 0"	F
" "	91	5' 0"		" "	86	4' 0"	F	" "	82	8' 0"	F
" "	85	7' 0"		" "	85	6' 0"	M	" "	83	8' 0"	M
" "	83	6' 0"		" "	83	6' 0"	F	" "	92	4' 0"	M
" "	88	14' 0"		" "	85	3' 0"	F	" "	82	11' 0"	F
" "	74	8' 0"	M	" "	85	5' 0"		" "	83	7' 0"	
" "	87	10' 0"	M	" "	82	4' 0"		" "	86	6' 0"	
" "	83	5' 0"	F	" "	87	8' 0"	M	" "	84	3' 0"	
" "	78	4' 0"	F	¹⁵ / ₁₂ "	89	7' 0"	M	" "	86	8' 0"	
" "	83	12' 0"	M	" "	85	5' 0"	F	" "	87	8' 0"	M
" "	84	8' 6"		" "	89	8' 0"	M	" "	85	7' 0"	M
" "	85	3' 6"		" "	85	11' 0"	M	" "	83	15' 0"	M
" "	87	7' 0"		" "	84	7' 6"	M	" "	83	7' 0"	M
" "	76	5' 0"		" "	92	6' 6"	F	" "	88	8' 0"	M
" "	88	4' 0"	M	" "	92	8' 0"	M	" "	83	6' 0"	M
" "	90	9' 0"	F	" "	83	7' 0"	F	" "	79	9' 0"	F
¹³ / ₁₂ "	84	6' 0"	F	" "	85	6' 0"		" "	83	8' 0"	F
" "	82	7' 0"	F	" "	85	4' 0"		" "	84	8' 0"	F
" "	78	6' 0"	F	" "	90	6' 0"		" "	86	4' 0"	M
" "	86	7' 0"	F	" "	87	6' 0"	M	" "	81	7' 0"	F
" "	89	10' 0"	M	" "	87	8' 0"	F	" "	88	8' 0"	
" "	88	8' 0"	M	" "	91	11' 0"	M	" "	80	7' 0"	
" "	82	5' 0"	M	" "	84	6' 0"	F	" "	82	4' 0"	
" "	85	5' 0"	M	" "	79	5' 6"	M	" "	82	7' 0"	
" "	98	6' 0"		" "	91	7' 0"	F	" "	90	10' 0"	F
" "	94	4' 0"		" "	82	5' 6"	M	" "	92	14' 0"	M
" "	87	8' 0"		" "	82	6' 0"		" "	85	7' 0"	M
" "	91	4' 0"		" "	84	6' 0"		¹⁸ / ₁₂ "	81	3' 0"	M
" "	90	7' 0"	M	" "	89	1' 0"		" "	80	3' 0"	M
" "	87	9' 0"	M	" "	84	6' 0"		" "	91	6' 0"	M
" "	76	7' 0"	M	" "	88	8' 0"		" "	89	8' 0"	M
" "	83	5' 0"	F	¹⁶ / ₁₂ "	92	7' 0"	M	" "	89	7' 0"	M
" "	86	5' 0"	M	" "	83	4' 0"	F	" "	87	5' 0"	F
" "	89	6' 0"		" "	84	2' 0"	M	" "	83	6' 0"	
" "	85	8' 0"	F	" "	86	5' 0"	F	" "	85	6' 0"	
" "	83	5' 0"	F	" "	88	10' 0"	F	" "	83	12' 0"	F
¹⁴ / ₁₂ "	91	2' 0"	M	" "	80	6' 0"	F	" "	86	8' 0"	F
" "	79	1' 0"	M	" "	83	9' 4"	F	" "	85	4' 0"	M
" "	90	8' 0"	M	" "	80	6' 2"	F	" "	83	4' 6"	F
" "	81	7' 0"	F	" "	80	9' 0"	F	" "	85	10' 0"	F
" "	80	8' 0"	M	" "	84	8' 0"		" "	83	7' 8"	M
" "	80	5' 0"	F	" "	88	9' 0"		" "	88	9' 0"	
" "	80	9' 0"	F	" "	90	11' 0"		" "	79	7' 0"	
" "	84	10' 0"	M	" "	91	3' 0"		" "	84	9' 0"	
" "	86	4' 0"	M	" "	90	6' 0"		" "	82	5' 0"	M
" "	80	9' 0"	F	" "	87	1' 0"		" "	87	7' 0"	M
" "	89	5' 0"	M	" "	82	8' 0"	F	¹⁹ / ₁₂ "	82	7' 0"	F
" "	85	9' 2"	F	" "	83	15' 0"	M	" "	80	4' 0"	M
" "	86	8' 2"	F	" "	84	9' 0"	M	" "	86	6' 0"	F

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
19/12 34	85	5' 6"	F	21/12 34	93	12' 0"	F	23/12 34	87	9' 0"	
" "	80	2' 0"	F	" "	81	5' 0"	F	" "	87	5' 0"	M
" "	86	9' 4"	M	" "	87	8' 0"		" "	85	6' 0"	F
" "	85	1' 6"	M	" "	90	5' 0"		" "	90	9' 0"	F
" "	87	9' 0"	M	" "	88	2' 0"		" "	82	6' 0"	M
" "	79	10' 5"	M	" "	87	8' 0"		" "	86	8' 0"	M
" "	78	4' 6"	M	" "	84	7' 0"		" "	80	7' 0"	M
" "	83	5' 0"		" "	98	8' 0"		" "	86	7' 0"	F
" "	89	7' 0"		" "	88	6' 0"		" "	80	9' 0"	F
" "	89	12' 0"		" "	89	4' 0"		" "	84	4' 0"	M
" "	94	3' 0"		" "	80	7' 0"	F	24/12 "	85	7' 0"	M
" "	86	7' 0"	M	" "	78	6' 0"	F	" "	82	7' 0"	F
" "	85	9' 0"	F	" "	81	8' 0"	F	" "	86	6' 0"	M
" "	78	5' 0"	F	" "	85	14' 0"	M	" "	89	13' 0"	M
" "	85	3' 0"	F	" "	80	7' 0"	M	" "	87	8' 0"	
" "	83	6' 0"	F	" "	88	9' 6"	M	" "	84	9' 0"	
" "	80	4' 0"	F	" "	85	10' 0"	M	" "	87	9' 0"	M
" "	86	6' 4"	F	" "	80	5' 0"		" "	84	6' 0"	F
" "	84	4' 0"	M	" "	84	6' 0"		" "	90	16' 0"	F
" "	83	9' 0"	M	" "	84	6' 0"	M	" "	79	7' 0"	F
" "	82	5' 0"	M	22/12 "	76	7' 0"	F	" "	85	4' 4"	M
" "	82	10' 0"	M	" "	80	10' 0"	M	" "	88	4' 0"	
" "	89	10' 0"	M	" "	87	12' 0"	M	" "	84	5' 0"	F
" "	82	6' 0"	F	" "	86	9' 6"	F	" "	90	10' 0"	M
20/12 "	90	9' 0"	F	" "	86	8' 0"	M	" "	87	5' 0"	F
" "	89	4' 0"	F	" "	79	4' 0"	F	25/12 "	90	3' 0"	F
" "	84	5' 7"	M	" "	84	5' 0"	M	" "	85	7' 0"	M
" "	84	4' 0"	M	" "	84	12' 0"	M	" "	86	11' 0"	M
" "	83	4' 6"	F	" "	87	5' 0"	M	" "	93	5' 3"	F
" "	84	6' 6"	F	" "	91	5' 0"	M	" "	81	3' 0"	
" "	82	6' 0"	M	" "	88	8' 0"		" "	84	6' 0"	F
" "	95	4' 5"	M	" "	93	11' 0"		" "	89	8' 0"	F
" "	78	3' 0"	F	" "	85	6' 0"	M	" "	83	4' 0"	F
" "	88	8' 0"		" "	84	6' 0"	M	" "	85	4' 6"	F
" "	88	12' 0"		" "	80	6' 0"	M	" "	89	9' 0"	
" "	93	7' 0"		" "	86	8' 0"	F	" "	83	5' 0"	M
" "	83	5' 0"		" "	86	12' 0"	F	" "	87	5' 0"	F
" "	82	6' 0"	M	" "	87	7' 0"	F	" "	90	8' 0"	F
" "	80	8' 0"	F	" "	89	4' 0"	F	" "	85	6' 0"	M
" "	77	3' 0"	F	" "	80	6' 0"		" "	86	8' 0"	F
" "	82	7' 0"	M	" "	91	7' 0"		26/12 "	87	8' 0"	F
" "	88	8' 0"	M	" "	77	5' 0"		" "	72	3' 0"	M
" "	83	7' 0"	F	" "	82	4' 0"		" "	79	6' 0"	M
" "	85	5' 0"		" "	82	8' 0"	F	" "	75	5' 0"	F
" "	86	9' 0"	M	" "	84	7' 0"	F	" "	88	12' 0"	M
" "	83	3' 0"	M	" "	89	6' 0"	F	" "	83	7' 0"	M
" "	86	7' 0"	M	" "	82	3' 0"	F	" "	79	9' 0"	M
" "	90	8' 0"	M	" "	83	6' 0"	F	" "	92	3' 0"	M
" "	87	5' 0"	M	23/12 "	88	8' 0"	F	" "	83	5' 0"	M
" "	86	8' 0"	F	" "	88	12' 0"	F	" "	86	6' 0"	F
21/12 "	83	4' 6"	F	" "	88	7' 2"	M	" "	89	3' 0"	F
" "	80	3' 0"	M	" "	85	10' 0"	M	" "	92	10' 0"	M
" "	82	3' 0"	M	" "	87	6' 0"	F	" "	91	10' 0"	F
" "	84	5' 0"	M	" "	90	9' 0"	F	27/12 "	90	12' 0"	F
" "	83	12' 0"	M	" "	81	7' 0"	M	" "	81	3' 0"	F
" "	83	6' 0"	F	" "	89	9' 0"		" "	80	5' 0"	M
" "	89	5' 0"	M	" "	89	9' 0"		" "	85	6' 0"	F
" "	85	7' 0"	M	" "	84	8' 0"		" "	84	10' 0"	M

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
27/12 34	87	8'0"	M	29/12 34	89	9'0"	F	1/1 35	86	9'0"	F
" "	92	2'0"	M	" "	84	5'0"	F	" "	82	8'0"	F
" "	88	5'0"	M	" "	86	7'0"	F	" "	79	6'0"	M
" "	92	7'0"	M	" "	85	4'0"	M	" "	84	5'0"	M
" "	85	3'6"	F	" "	86	9'0"	F	" "	82	2'0"	M
" "	83	8'0"		30/12 "	80	5'0"	F	" "	84	4'0"	F
" "	89	8'0"		" "	83	7'0"	F	" "	88	8'0"	M
" "	93	5'0"		" "	82	9'0"	M	" "	86	7'0"	F
" "	85	7'0"	F	" "	92	2'0"	M	2/1 "	86	5'0"	F
" "	87	7'0"	M	" "		6'0"	M	" "	85	5'0"	M
" "	81	3'0"	M	" "	81	6'0"	F	" "	84	8'0"	F
" "	87	4'0"	F	" "	70	4'0"	M	" "	81	7'0"	F
" "	82	9'0"	F	" "	84	4'6"	F	" "	88	1'0"	F
" "	81	10'0"	F	" "	76	5'0"	M	" "	87	8'0"	F
" "	83	9'0"	M	" "	86	10'0"	M	" "	90	12'0"	F
28/12 "	81	7'0"	M	" "	86	8'0"	F	" "	77	6'0"	F
" "	86	6'0"	F	" "	96	11'0"	M	" "	90	9'0"	M
" "	90	10'0"	M	" "	78	7'0"		" "	95	15'0"	F
" "	84	4'0"	M	" "	84	2'0"		" "	81	2'0"	
" "	82	6'5"	M	" "	88	8'0"		" "	86	8'0"	
" "	89	13'0"	F	" "	89	7'0"	F	" "	90	1'6"	M
" "	86	6'0"	M	" "	80	7'0"	F	" "	81	10'0"	M
" "	87	15'0"	F	" "	88	7'3"	F	" "	85	11'0"	M
" "	86	6'0"	M	" "	82	8'0"		" "	83	5'0"	F
" "	84	8'0"		" "	85	3'0"		" "	81	9'0"	
" "	83	6'0"		" "	87	4'0"		" "	82	9'0"	
" "	82	11'0"		" "	90	10'0"	M	" "	83	4'0"	M
" "	82	6'0"	M	31/12 "	87	6'0"	M	" "	87	8'0"	M
" "	89	6'0"	M	" "	89	8'0"	M	" "	85	6'0"	M
" "	83	4'0"	M	" "	82	5'0"	M	" "	82	3'0"	M
" "	85	3'0"		" "	84	4'0"	F	3/1 "	90	6'0"	M
" "	84	1'6"	F	" "	84	5'0"	M	" "	83	4'0"	M
" "	90	8'0"	M	" "	89	11'0"	F	" "	87	10'0"	F
29/12 "	90	6'0"	F	" "	90	14'0"	M	" "	86	15'0"	F
" "	84	11'0"	M	" "	81	6'0"	F	" "	87	10'6"	M
" "	80	6'0"	F	" "	85	11'4"	F	" "	81	8'6"	M
" "	90	2'0"	M	" "	87	10'0"	F	" "	84	15'0"	M
" "	81	6'0"	F	" "	87	7'0"	M	" "	88	13'0"	M
" "	87	9'0"	F	" "	91	7'0"	F	" "	89	11'0"	F
" "	84	7'6"	F	" "	96	5'0"	F	" "	84	10'0"	M
" "	82	6'0"	F	" "	78	7'0"	M	" "	90	10'0"	M
" "	77	5'6"	M	" "	85	10'0"	F	" "	89	11'0"	M
" "	76	5'0"	M	" "	93	9'0"	M	" "	86	5'0"	M
" "	87	7'0"		" "	89	14'0"	F	" "	90	3'0"	M
" "	90	9'0"		" "	81	7'0"	F	" "	85	8'0"	
" "	91	7'0"	M	" "	85	9'0"	M	" "	82	5'0"	
" "	86	6'0"	M	" "	85	6'0"	M	" "	91	10'0"	M
" "	85	12'0"	M	" "	82	6'0"	M	" "	85	7'0"	M
" "	83	10'0"	M	" "	87	7'0"	F	" "	85	6'0"	F
" "	80	7'0"	F	" "	82	6'0"	F	4/1 "	92	10'0"	F
" "	75	3'0"	F	1/1 35	85	4'5"	F	" "	86	5'0"	M
" "	91	9'0"	M	" "	90	13'0"	F	" "	85	12'0"	F
" "	80	5'0"	F	" "	89	10'0"	F	" "	80	13'8"	M
" "	77	8'4"	M	" "	90	5'0"	F	" "	90	7'0"	M
" "	86	5'0"		" "	93	3'0"	F	" "	88	15'0"	F
" "	82	8'0"		" "	85	8'0"	F	" "	91	12'0"	
" "	81	3'0"	F	" "	81	6'0"	F	" "	91	3'0"	M
" "	82	4'0"	F	" "	84	6'0"	M	" "	88	12'0"	F

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
⁴ / ₁ 35	83	8'0"		⁷ / ₁ 35	87	12'0"	M	¹⁰ / ₁ 35	89	8'0"	M
" "	80	7'0"		" "	81	10'0"	F	" "	89	7'0"	
" "	88	7'0"	M	" "	86	6'0"		" "	84	10'6"	F
" "	90	13'0"	M	" "	89	11'0"		" "	87	14'0"	F
" "	88	12'0"	M	" "	93	10'0"	F	" "	86	11'0"	F
⁵ / ₁ "	78	10'0"	F	" "	87	10'0"	F	" "	85	3'0"	M
" "	85	10'0"	F	" "	85	8'0"	M	" "	85	{ 9'0"	M
" "	94	6'0"	F	" "	83	6'0"	M	" "	85	{ 9'0"	F
" "	82	10'0"	F	⁸ / ₁ "	78	2'0"	F	" "	84	4'0"	M
" "	78	6'0"	F	" "	85	6'0"	M	" "	87	10'0"	F
" "	93	11'0"	M	" "	84	3'0"	F	" "	81	4'0"	
" "	83	8'0"	M	" "	80	12'0"	F	" "	90	14'0"	
" "	97	8'0"	F	" "	85	9'6"	M	" "	85	8'0"	
" "	94	4'0"	F	" "	89	13'0"	M	" "	89	8'0"	
" "	84	8'0"	F	" "	88	8'0"	M	" "	85	8'0"	
" "	81	7'0"	M	" "	84	5'0"	F	¹¹ / ₁ "	95	14'0"	F
" "	100	7'0"	F	" "	96	6'0"	M	" "	83	11'0"	F
" "	77	12'0"	M	" "	86	11'0"	F	" "	87	10'0"	M
" "	80	7'0"		" "	84	12'0"	M	" "	80	12'0"	F
" "	88	12'0"	F	" "	89	13'0"	F	" "	78	10'0"	F
" "	89	7'0"	M	" "	85	4'0"	F	" "	80	10'0"	F
" "	84	1'6"	M	" "	85	7'0"	M	" "	76	8'0"	M
" "	85	5'0"		" "	80	5'11"	M	" "	82	12'0"	F
" "	82	7'0"		" "	84	11'0"	M	" "	89	10'0"	F
" "	85	7'0"		" "	72	4'0"		" "	82	8'0"	
" "	90	10'0"	M	" "	86	8'0"		" "	85	10'0"	F
" "	92	12'0"	F	" "	90	12'0"	F	" "	82	14'0"	M
" "	86	9'0"	M	" "	86	9'0"	F	" "	76	12'0"	M
⁶ / ₁ "	78	5'6"	M	" "	91	10'0"	F	" "	80	6'3"	M
" "	78	9'0"	F	" "	89	15'0"	F	" "	85	10'4"	F
" "	87	4'0"	M	" "	83	6'0"	M	" "	83	5'0"	
" "	88	11'0"	F	" "	82	3'0"	M	¹² / ₁ "	83	3'0"	F
" "	86	11'6"	M	⁹ / ₁ "	90	7'0"	M	" "	87	7'0"	F
" "	86	10'0"	M	" "	77	5'0"	F	" "	90	11'0"	M
" "	91	11'0"		" "	76	9'0"	F	" "	84	8'0"	M
" "	87	13'0"		" "	85	15'0"	M	" "	90	7'0"	M
" "	85	3'0"	F	" "	88	14'0"	F	" "	83	3'0"	M
" "	88	6'0"	F	" "	89	12'0"	M	" "	83	12'0"	M
" "	87	8'0"	M	" "	83	4'0"	F	" "	85	8'0"	M
" "	84	5'0"		" "	85	9'0"	F	" "	84	8'0"	M
" "	86	8'0"		" "	90	10'0"	M	" "	76	3'5"	M
" "	83	2'0"	M	" "	88	5'0"	M	" "	85	14'0"	M
" "	88	6'0"	M	" "	92	8'0"	M	" "	81	4'0"	F
⁷ / ₁ "	78	6'0"	F	" "	89	10'0"		" "	96	9'0"	F
" "	84	8'0"	M	" "	86	10'0"		" "	83	5'0"	
" "	90	5'0"	M	" "	84	19'0"	F	" "	84	11'0"	
" "	90	6'0"	M	" "	84	9'0"	F	" "	89	9'0"	
" "	86	6'0"	F	" "	80	11'2"	M	" "	82	5'0"	M
" "	89	7'0"	M	" "	82	9'0"	F	" "	84	5'0"	M
" "	90	5'0"	M	" "	82	4'0"	M	" "	85	9'0"	F
" "	83	9'0"	F	" "	88	11'0"		" "	91	17'0"	
" "	82	7'6"	F	" "	83	10'0"	F	" "	85	6'0"	
" "	85	5'0"	M	¹⁰ / ₁ "	85	8'0"	F	" "	77	7'0"	
" "	86	14'0"	M	" "	87	6'0"	F	¹³ / ₁ "	85	5'0"	F
" "	84	11'6"	M	" "	83	7'0"	F	" "	94	13'0"	F
" "	83	11'6"	F	" "	83	9'0"	M	" "	86	7'6"	M
" "	87	7'0"	F	" "	89	12'0"	M	" "	84	11'0"	M
" "	87	6'0"	F	" "	83	15'0"	M	" "	90	8'0"	

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
13/1 35	86	7' 0"	F	19/1 35	80	2' 0"	F	24/1 35	90	5' 0"	F
14/1 "	90	8' 0"	M	" "	83	10' 0"	F	" "	92	12' 0"	
" "	78	5' 0"	F	" "	82	9' 0"		25/1 "	78	12' 0"	F
" "	91	8' 0"	F	20/1 "	87	9' 0"	F	" "	89	10' 0"	F
" "	86	10' 6"	F	" "	85	9' 0"	F	" "	80	7' 0"	M
" "	87	11' 0"	M	" "	84	10' 0"	M	" "	88	8' 6"	M
" "	70	14' 0"	M	" "	86	3' 6"	F	" "	87	10' 6"	M
" "	83	8' 0"	M	" "	90	11' 0"	M	" "	84	6' 7"	F
" "	88	10' 0"	M	" "	80	4' 6"	F	" "	95	10' 0"	M
" "	87	16' 0"		" "	93	5' 0"		" "	88	9' 0"	M
" "	77	7' 0"		" "	83	5' 0"	F	" "	89	3' 0"	
" "	84	2' 0"		" "	87	1' 0"		" "	84	4' 0"	F
15/1 "	87	5' 0"	M	" "	84	9' 0"		26/1 "	85	15' 0"	F
" "	81	11' 0"	M	21/1 "	78	14' 0"	M	" "	86	12' 0"	M
" "	86	17' 6"	F	" "	83	13' 0"	M	" "	84	8' 0"	M
" "	89	6' 6"	M	" "	77	6' 0"	M	" "	88	11' 0"	M
" "	82	6' 0"	M	" "	81	19' 0"	M	" "	81	9' 0"	M
" "	85	3' 6"	F	" "	85	5' 0"	F	" "	84	10' 0"	F
" "	84	13' 0"	F	" "	84	4' 0"	F	" "	83	10' 8"	M
" "	92	12' 0"	F	" "	80	12' 0"	M	" "	85	7' 0"	
" "	91	6' 0"		" "	79	11' 0"	M	27/1 "	81	16' 0"	F
" "	82	6' 0"		" "	76	6' 0"	F	" "	82	7' 0"	F
" "	77	5' 6"		" "	78	9' 0"		" "	87	10' 6"	M
" "	82	6' 0"	M	" "	76	7' 0"		" "	85	8' 0"	M
" "	82	11' 0"	M	22/1 "	85	10' 0"	F	" "	87	11' 0"	F
16/1 "	86	3' 0"	M	" "	84	14' 0"	F	" "	72	6' 0"	M
" "	84	14' 0"	F	" "	86	15' 0"	M	" "	90	14' 0"	F
" "	89	2' 0"	M	" "	86	13' 0"	M	" "	83	6' 0"	
17/1 "	84	10' 0"	F	" "	91	2' 3"	M	" "	83	10' 0"	
" "	85	8' 6"	M	" "	84	4' 0"	M	" "	80	9' 0"	
" "	77	5' 0"	F	" "	80	9' 0"	F	28/1 "	86	14' 0"	M
" "	84	12' 0"	F	" "	80	9' 0"	M	" "	83	14' 0"	F
" "	87	8' 0"	M	" "	82	6' 0"	F	" "	93	15' 0"	F
" "	83	7' 0"	M	" "	85	8' 0"	M	" "	86	14' 0"	F
" "	85	5' 0"	M	" "	81	6' 0"	M	" "	86	10' 0"	
" "	77	9' 0"	F	" "	85	12' 0"		" "	87	14' 0"	M
" "	83	4' 0"	M	" "	92	11' 0"		" "	82	13' 0"	M
18/1 "	80	10' 0"	M	" "	87	9' 0"	M	" "	89	12' 0"	
" "	83	6' 0"	F	" "	79	12' 0"	M	29/1 "	87	16' 0"	F
" "	87	13' 0"	M	" "	81	12' 0"	M	" "	92	6' 0"	M
" "	78	10' 0"	M	" "	84	6' 0"	F	" "	86	9' 0"	M
" "	91	10' 0"	M	" "	85	13' 0"	M	" "	82	12' 0"	M
" "	85	10' 0"	M	" "	89	7' 0"		" "	76	5' 0"	M
" "	85	12' 0"	F	" "	78	7' 0"		" "	81	8' 0"	F
" "	78	6' 0"		" "	85	7' 0"		" "	84	6' 0"	F
" "	78	5' 0"		" "	88	10' 0"	M	" "	82	4' 0"	M
" "	90	11' 0"	F	23/1 "	95	10' 0"	F	30/1 "	85	6' 0"	F
19/1 "	78	8' 0"	F	" "	90	5' 0"	F	" "	84	15' 0"	M
" "	86	5' 0"	F	" "	85	10' 0"	M	" "	85	16' 0"	F
" "	81	7' 0"	F	" "	87	12' 0"		" "	88	6' 0"	F
" "	83	8' 0"	F	" "	82	15' 0"	M	" "	88	11' 0"	
" "	86	6' 0"	F	" "	81	11' 0"	M	" "	85	12' 0"	
" "	90	8' 0"	F	" "	88	5' 0"	M	" "	90	17' 0"	M
" "	70	10' 0"	F	24/1 "	82	8' 0"	F	" "	79	10' 0"	F
" "	88	7' 0"	M	" "	84	17' 0"	F	" "	93	12' 0"	
" "	84	4' 0"		" "	88	10' 0"	M	" "	89	17' 0"	M
" "	90	9' 0"	M	" "	88	10' 0"	M	" "	88	7' 0"	F
" "	84	4' 0"	M	" "	83	15' 0"	M	" "	83	14' 0"	M

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
³⁰ / ₁ 35	79	7' 0"	F	⁶ / ₂ 35	84	18' 4"	F	¹⁴ / ₂ 35	86	13' 0"	F
³¹ / ₁ "	84	9' 0"	M	" "	86	15' 0"	"	¹⁵ / ₂ "	90	18' 0"	F
" "	81	7' 0"	M	⁷ / ₂ "	84	16' 0"	M	" "	88	11' 0"	F
" "	87	14' 0"	M	" "	86	14' 0"	F	" "	87	11' 0"	F
" "	85	8' 0"	F	" "	85	10' 0"	M	" "	90	14' 0"	M
" "	91	11' 0"	M	" "	84	10' 0"	"	" "	87	15' 0"	F
" "	91	12' 0"	F	" "	80	14' 8"	F	¹⁶ / ₂ "	87	14' 0"	M
" "	88	9' 0"	"	" "	87	10' 0"	"	" "	82	15' 0"	F
¹ / ₂ "	84	13' 5"	M	" "	87	13' 0"	M	" "	90	17' 0"	F
" "	91	6' 0"	"	" "	86	12' 0"	M	" "	82	12' 5"	F
" "	84	11' 0"	F	" "	82	4' 0"	F	" "	88	3' 6"	M
" "	88	16' 0"	M	⁸ / ₂ "	90	19' 0"	F	" "	81	5' 0"	M
" "	88	16' 0"	M	" "	81	11' 0"	F	¹⁷ / ₂ "	86	10' 0"	F
" "	81	12' 0"	M	" "	91	8' 0"	M	" "	81	10' 0"	M
" "	82	8' 6"	F	" "	85	12' 0"	M	" "	78	7' 0"	F
" "	89	8' 0"	"	" "	90	15' 0"	F	" "	78	7' 0"	F
² / ₂ "	78	10' 0"	F	" "	93	13' 0"	F	" "	87	11' 0"	M
" "	87	15' 0"	M	" "	86	8' 0"	M	" "	98	17' 0"	M
" "	84	14' 0"	F	" "	91	10' 0"	"	" "	76	10' 0"	M
" "	93	1' 6"	M	" "	95	19' 0"	"	" "	85	6' 0"	M
" "	79	12' 0"	M	" "	87	13' 6"	M	" "	88	8' 0"	F
" "	82	9' 0"	"	" "	84	17' 0"	"	" "	86	5' 0"	M
" "	84	17' 0"	"	" "	89	13' 0"	M	" "	92	8' 0"	M
" "	90	4' 0"	"	" "	88	10' 0"	M	¹⁸ / ₂ "	86	21' 0"	M
³ / ₂ "	86	10' 0"	M	" "	85	8' 0"	M	" "	82	11' 0"	F
" "	92	19' 0"	F	⁹ / ₂ "	92	15' 0"	M	" "	76	10' 0"	F
" "	82	14' 0"	M	" "	88	15' 0"	M	" "	94	18' 0"	F
" "	85	10' 0"	F	" "	95	5' 0"	M	" "	95	14' 0"	F
" "	78	5' 0"	M	" "	89	6' 0"	"	" "	91	14' 0"	"
" "	83	5' 0"	M	" "	89	16' 0"	M	" "	88	11' 0"	F
" "	90	16' 0"	F	" "	87	18' 0"	M	¹⁹ / ₂ "	93	11' 0"	M
" "	90	9' 0"	M	" "	86	12' 0"	F	" "	84	12' 0"	F
" "	83	14' 0"	F	¹⁰ / ₂ "	90	17' 0"	F	" "	87	5' 0"	M
" "	85	16' 0"	M	" "	84	4' 0"	F	²⁰ / ₂ "	85	8' 0"	M
" "	85	7' 0"	"	" "	80	11' 0"	M	" "	81	6' 0"	F
" "	87	11' 0"	"	" "	90	16' 0"	F	" "	85	15' 0"	M
⁴ / ₂ "	84	4' 0"	M	" "	82	20' 0"	F	" "	78	15' 0"	F
" "	84	18' 0"	F	" "	85	4' 0"	"	" "	90	14' 0"	M
" "	82	4' 0"	M	" "	80	14' 0"	F	" "	81	12' 0"	M
" "	84	12' 6"	F	" "	77	3' 0"	F	²¹ / ₂ "	90	9' 0"	F
" "	92	15' 0"	F	¹¹ / ₂ "	76	8' 0"	M	" "	88	12' 0"	F
" "	92	3' 0"	"	" "	83	10' 0"	F	" "	83	13' 0"	F
" "	84	7' 0"	M	" "	82	7' 6"	M	" "	90	19' 0"	F
⁵ / ₂ "	86	15' 0"	F	" "	80	12' 0"	F	" "	95	15' 0"	M
" "	89	14' 0"	"	" "	90	22' 0"	F	" "	90	14' 0"	M
" "	90	15' 0"	"	" "	84	13' 0"	M	" "	89	14' 0"	"
" "	94	15' 0"	"	" "	85	18' 0"	M	" "	80	18' 0"	F
" "	85	9' 0"	M	¹² / ₂ "	80	11' 0"	M	" "	85	10' 0"	M
" "	83	15' 0"	F	¹³ / ₂ "	80	5' 0"	M	²² / ₂ "	82	10' 0"	M
" "	86	6' 0"	M	" "	77	10' 0"	F	" "	85	10' 0"	M
" "	85	9' 0"	F	" "	81	11' 0"	M	" "	97	9' 0"	F
" "	83	14' 0"	M	" "	85	13' 0"	F	" "	89	6' 0"	M
⁶ / ₂ "	84	5' 0"	M	" "	90	3' 0"	F	" "	86	19' 0"	"
" "	94	8' 0"	M	" "	82	14' 0"	F	²³ / ₂ "	76	10' 0"	F
" "	84	5' 0"	M	" "	85	16' 0"	F	" "	79	10' 0"	M
" "	90	15' 0"	F	¹⁴ / ₂ "	90	15' 0"	F	" "	85	16' 0"	"
" "	90	16' 0"	"	" "	82	10' 6"	M	" "	86	12' 0"	M
" "	90	9' 0"	M	" "	86	11' 6"	F	²⁴ / ₂ "	92	12' 0"	F

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$24\frac{1}{2}$ 35	93	13' 0"	M	$5\frac{1}{3}$ 35	86	6' 0"	F	$18\frac{1}{3}$ 35	87	17' 0"	M
" "	85	9' 0"	M	" "	85	14' 0"	F	" "	85	8' 0"	M
" "	78	8' 0"		" "	82	17' 0"	M	" "	88	16' 0"	M
" "	80	14' 0"	F	$6\frac{1}{3}$ "	86	7' 0"	F	" "	84	7' 0"	F
$25\frac{1}{2}$ "	86	10' 0"	M	" "	87	10' 0"	M	" "	81	5' 0"	M
" "	82	11' 0"	M	" "	93	21' 0"	M	$19\frac{1}{3}$ "	86	18' 3"	F
" "	96	17' 0"	M	$7\frac{1}{3}$ "	84	12' 0"	F	$20\frac{1}{3}$ "	84	17' 0"	M
" "	83	24' 0"	M	" "	88	21' 0"	F	" "	83	12' 0"	M
" "	83	9' 0"	M	" "	88	22' 0"	M	" "	87	21' 0"	M
" "	88	14' 0"	F	" "	86	9' 0"	F	$21\frac{1}{3}$ "	82	18' 8"	F
$26\frac{1}{2}$ "	90	8' 0"	F	$8\frac{1}{3}$ "	89	12' 0"	F	$22\frac{1}{3}$ "	72	11' 0"	F
" "	83	10' 0"	M	" "	88	20' 0"	M	" "	87	15' 0"	F
" "	89	17' 0"	F	" "	81	14' 0"	M	" "	80	9' 0"	F
" "	87	7' 0"	M	" "	86	14' 0"	M	" "	92	24' 0"	M
" "	91	17' 0"	F	$9\frac{1}{3}$ "	86	9' 0"	M	" "	85	9' 0"	F
" "	93	16' 0"	M	" "	77	18' 0"	M	$23\frac{1}{3}$ "	92	23' 0"	M
" "	83	7' 0"	M	$10\frac{1}{3}$ "	85	14' 0"	M	$24\frac{1}{3}$ "	89	20' 0"	F
" "	76	16' 0"	F	" "	85	16' 0"	F	" "	87	18' 0"	M
" "	79	10' 0"	F	" "	84	21' 0"	M	" "	88	20' 0"	F
$27\frac{1}{2}$ "	86	11' 0"	M	" "	91	22' 0"	M	$25\frac{1}{3}$ "	87	23' 6"	F
" "	86	15' 0"	M	" "	88	16' 0"	M	" "	83	20' 6"	F
" "	93	20' 0"	F	" "	90	15' 0"	M	" "	88	12' 0"	F
" "	83	4' 0"	M	" "	95	12' 0"	F	" "	87	9' 0"	F
$28\frac{1}{2}$ "	70	15' 0"	M	" "	82	14' 0"	M	$26\frac{1}{3}$ "	86	5' 0"	F
" "	76	8' 0"	M	$11\frac{1}{3}$ "	85	12' 0"	F	" "	88	14' 0"	M
" "	87	10' 0"	F	" "	87	17' 0"	M	" "	89	16' 0"	F
" "	84	17' 0"	F	" "	90	18' 5"	F	" "	79	20' 0"	M
" "	88	4' 0"	F	" "	95	26' 0"	M	" "	84	22' 0"	F
$1\frac{1}{3}$ "	87	10' 6"	M	" "	92	20' 0"	M	" "	96	24' 0"	
" "	85	18' 0"	M	$12\frac{1}{3}$ "	81	15' 0"	M	$27\frac{1}{3}$ "	89	10' 0"	F
" "	85	9' 0"	M	" "	84	20' 0"	M	" "	85	20' 0"	M
" "	83	14' 0"	F	" "	82	12' 0"	M	" "	77	18' 4"	M
$2\frac{1}{3}$ "	85	12' 0"	M	" "	87	19' 0"	M	$28\frac{1}{3}$ "	90	24' 0"	F
" "	87	12' 0"	M	$14\frac{1}{3}$ "	78	15' 0"	F	" "	86	15' 0"	F
" "	85	16' 6"	F	" "	86	6' 0"	M	$29\frac{1}{3}$ "	87	14' 0"	F
$3\frac{1}{3}$ "	92	10' 0"	M	" "	82	14' 0"	M	" "	79	14' 0"	F
" "	84	11' 0"	M	" "	95	7' 0"	F	" "	91	21' 0"	
" "	80	10' 0"	F	" "	94	14' 0"	M	" "	91	17' 0"	
" "	86	11' 6"	F	" "	86	22' 0"	M	" "	86	20' 0"	M
" "	85	9' 0"	M	" "	82	18' 0"	M	" "	78	17' 0"	F
" "	89	18' 0"	F	$16\frac{1}{3}$ "	85	19' 0"	F	$30\frac{1}{3}$ "	81	16' 0"	
" "	86	9' 0"	F	" "	86	18' 0"	F	$31\frac{1}{3}$ "	78	14' 0"	M
$4\frac{1}{3}$ "	78	8' 0"	M	$17\frac{1}{3}$ "	96	7' 0"	M	$3\frac{1}{4}$ "	83	8' 0"	F
" "	84	17' 0"	M	" "	86	9' 0"	F	$4\frac{1}{4}$ "	84	15' 0"	M
" "	97	14' 0"	F	$18\frac{1}{3}$ "	86	22' 0"	F	" "	90	25' 0"	
$5\frac{1}{3}$ "	81	12' 0"	M	" "	86	20' 0"	F	$5\frac{1}{4}$ "	87	24' 0"	
" "	77	6' 0"	F	" "	85	10' 0"	F	" "			
" "	89	19' 6"		" "	85	13' 0"	M	" "			

Total 1,519 blue-whale foetuses, of which 637 males and 567 females. Sex was not stated for 315 foetuses. Of the 1,204 foetuses, for which sex was stated, 52.9 per cent were males and 47.1 per cent females.

Table No. 10 (continued).

2. Fin-whale foetuses
measured in the Southern Seas in the season 1934/35.

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
19/10 34	66	1' 6"	F	11/12 34	68	3' 0"	M	18/12 34	72	2' 4"	M
28/10 "	74	1' 6"		" "	73	8' 0"	M	" "	74	7' 0"	F
" "	65	2' 1"		" "	64	2' 0"	F	" "	72	5' 4"	M
13/11 "	75	4' 6"		" "	75	5' 5"	F	" "	71	7' 0"	M
14/11 "	65	5' 0"	F	" "	" "	{1' 6"		" "	72	6' 0"	M
" "	73	3' 0"	M	" "	74	{3' 0"		" "	70	4' 0"	F
15/11 "	71	5' 2"		" "	75	4' 0"		" "	71	5' 0"	F
" "	76	4' 0"		" "	70	4' 0"	F	" "	78	8' 0"	
" "	81	5' 0"	F	" "	75	6' 0"	F	" "	71	6' 0"	F
18/11 "	76	5' 0"	F	12/12 "	65	3' 5"	M	" "	69	5' 0"	F
" "	74	4' 0"	M	" "	73	2' 0"	F	19/12 "	75	5' 4"	F
" "	70	4' 0"	M	" "	77	5' 0"	F	" "	71	7' 4"	F
18/11 "	73	5' 0"	F	" "	73	4' 0"		" "	76	7' 0"	F
" "	71	4' 0"	F	" "	70	5' 0"	M	" "	72	6' 4"	F
20/11 "	73	3' 0"	F	" "	72	6' 0"	F	" "	75	5' 0"	F
23/11 "	72	3' 0"	M	13/12 "	71	4' 0"	M	" "	76	0' 8"	M
24/11 "	72	2' 9"		" "	68	4' 0"	F	" "	70	6' 0"	F
" "	74	3' 0"	F	" "	69	4' 0"	M	" "	76	4' 0"	F
" "	72	4' 0"	F	" "	73	5' 0"	F	20/12 "	72	2' 0"	F
25/11 "	67	0' 2"	F	" "	74	4' 0"	F	" "	70	4' 0"	M
27/11 "	72	4' 0"		" "	72	4' 0"	F	" "	77	6' 0"	F
" "	68	3' 3"		14/12 "	73	7' 0"	M	" "	74	5' 0"	F
28/11 "	67	1' 9"		" "	77	6' 0"	M	" "	70	6' 6"	F
" "	74	6' 5"		" "	70	6' 0"	M	21/12 "	75	7' 0"	F
" "	67	2' 9"		" "	75	4' 0"	F	" "	78	5' 0"	M
" "	74	6' 0"	F	" "	75	8' 0"	M	" "	70	3' 2"	F
30/11 "	69	6' 2"		" "	71	5' 3"	M	" "	72	5' 6"	F
" "	67	1' 6"	M	" "	71	2' 6"	M	" "	74	7' 4"	M
" "	71	2' 0"	F	" "	71	6' 6"	M	" "	70	5' 3"	M
" "	73	4' 0"	M	" "	76	8' 6"	M	" "	72	5' 0"	M
1/12 "	72	6' 4"		" "	74	7' 0"		22/12 "	72	4' 0"	M
" "	74	8' 0"		" "	77	6' 0"		" "	73	6' 0"	F
" "	70	3' 0"	F	" "	72	2' 0"	F	" "	77	5' 0"	F
2/12 "	66	4' 0"		15/12 "	75	5' 0"	M	" "	69	5' 4"	M
" "	76	5' 0"	F	" "	75	8' 6"	M	" "	75	6' 0"	M
3/12 "	67	4' 6"	M	" "	75	4' 2"	F	" "	68	9' 0"	M
4/12 "	74	3' 0"		" "	72	2' 6"	M	" "	70	6' 4"	F
5/12 "	77	5' 0"	F	" "	76	6' 2"	M	" "	73	9' 5"	M
" "	67	2' 0"	M	" "	75	5' 0"	M	" "	71	4' 0"	F
" "	72	4' 0"		" "	76	7' 0"	M	" "	68	4' 0"	F
6/12 "	73	5' 0"	M	" "	78	5' 0"	F	23/12 "	74	8' 0"	F
" "	72	2' 2"	F	" "	72	5' 0"	F	" "	76	8' 0"	F
" "	73	3' 6"		16/12 "	71	5' 0"	F	" "	75	6' 0"	M
" "	75	4' 0"	M	" "	71	2' 0"	M	" "	75	7' 0"	M
" "	70	5' 0"	F	" "	74	7' 6"	F	24/12 "	76	15' 0"	M
7/12 "	72	3' 0"	M	" "	73	5' 0"	F	" "	72	6' 5"	M
" "	79	5' 0"		" "	73	8' 0"	M	" "	73	6' 0"	M
9/12 "	71	7' 0"	F	" "	77	6' 0"	M	" "	72	5' 0"	F
" "	73	3' 0"	F	17/12 "	72	6' 0"	M	" "	75	5' 0"	F
10/12 "	75	4' 0"	M	" "	74	8' 0"	F	25/12 "	73	9' 6"	M
" "	72	4' 0"	M	" "	80	2' 6"		" "	73	5' 0"	F
" "	71	1' 6"	M	18/12 "	71	2' 0"	M	26/12 "	72	5' 0"	M
" "	75	14' 0"	M	" "	71	6' 2"	M	" "	72	7' 6"	M
11/12 "	71	5' 0"	F	" "	68	2' 6"	F	" "	72	8' 4"	F
" "	67	4' 0"	M	" "	70	6' 4"	F	27/12 "	74	9' 0"	M

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
27/12 34	80	8' 0"	F	7/1 35	66	5' 0"	F	16/1 35	64	7' 0"	M
" "	74	6' 0"	F	" "	73	4' 0"	M	" "	70	6' 0"	F
" "	72	7' 0"	M	" "	75	7' 0"	M	" "	70	7' 0"	F
" "	74	6' 0"	M	" "	74	8' 0"	M	" "	66	9' 0"	M
28/12 "	78	10' 0"	F	8/1 "	68	4' 0"	M	" "	79	7' 0"	M
" "	70	8' 0"	M	" "	72	8' 0"	"	" "	71	8' 0"	F
" "	73	3' 0"	M	" "	74	8' 0"	"	" "	70	6' 0"	M
" "	75	3' 0"	M	" "	75	8' 0"	"	" "	69	5' 0"	M
" "	68	2' 5"	M	" "	74	6' 0"	M	" "	72	9' 0"	F
29/12 "	76	5' 0"	M	10/1 "	71	6' 0"	M	" "	74	2' 0"	"
" "	78	5' 6"	M	" "	72	8' 0"	"	17/1 "	71	10' 0"	M
" "	79	5' 4"	M	" "	71	2' 0"	F	" "	72	8' 0"	M
" "	69	8' 0"	M	" "	74	8' 0"	F	" "	70	5' 0"	F
" "	62	5' 0"	M	11/1 "	69	7' 6"	M	" "	69	3' 0"	M
" "	75	4' 0"	"	" "	73	6' 0"	F	" "	70	11' 0"	F
" "	74	5' 0"	F	" "	76	2' 0"	M	" "	70	9' 0"	F
" "	68	5' 0"	"	12/1 "	69	0' 9"	F	" "	75	10' 0"	F
30/12 "	68	5' 0"	F	" "	71	7' 0"	F	" "	69	8' 0"	M
" "	76	2' 0"	M	" "	75	9' 0"	M	" "	72	9' 0"	F
31/12 "	69	7' 0"	F	" "	78	11' 0"	M	" "	75	8' 0"	F
" "	70	5' 0"	M	" "	71	8' 0"	"	" "	73	2' 0"	F
" "	70	9' 3"	F	13/1 "	73	6' 0"	F	" "	74	2' 0"	M
1/1 35	72	7' 0"	M	" "	72	9' 0"	M	" "	71	7' 0"	"
" "	72	3' 0"	M	" "	77	10' 0"	"	" "	72	4' 0"	"
" "	71	5' 0"	M	" "	72	6' 7"	F	" "	70	8' 0"	F
" "	72	2' 6"	M	14/1 "	70	6' 0"	F	18/1 "	74	10' 0"	F
" "	72	3' 0"	F	" "	69	7' 0"	M	" "	70	9' 0"	F
2/1 "	77	7' 0"	M	" "	70	5' 0"	F	" "	77	11' 0"	F
" "	74	8' 0"	F	" "	79	11' 0"	M	" "	73	9' 0"	M
" "	70	8' 0"	M	" "	82	4' 0"	F	" "	74	11' 0"	F
" "	73	4' 0"	F	" "	75	7' 0"	M	" "	70	9' 0"	F
" "	72	3' 0"	F	" "	74	10' 0"	M	" "	70	12' 0"	M
" "	72	8' 0"	F	" "	75	7' 0"	M	" "	78	7' 0"	F
" "	69	6' 0"	M	15/1 "	72	9' 0"	M	" "	73	6' 0"	F
" "	69	6' 0"	M	" "	71	3' 0"	M	" "	80	8' 0"	F
" "	74	8' 0"	"	" "	70	6' 0"	F	" "	75	5' 0"	F
3/1 "	72	8' 0"	M	" "	68	6' 0"	M	" "	78	12' 0"	M
" "	75	8' 0"	M	" "	72	7' 0"	M	" "	84	11' 0"	M
" "	77	6' 0"	F	" "	72	8' 0"	F	" "	80	7' 0"	F
" "	76	9' 0"	M	" "	66	11' 0"	"	" "	70	1' 0"	M
" "	75	6' 0"	"	" "	68	5' 0"	F	" "	75	4' 0"	F
" "	76	6' 0"	F	" "	76	7' 0"	M	" "	71	4' 0"	M
" "	72	3' 0"	M	" "	76	7' 0"	F	" "	70	9' 0"	M
" "	72	5' 0"	M	" "	74	10' 0"	M	" "	73	5' 0"	M
" "	74	6' 0"	M	" "	80	10' 0"	M	" "	71	4' 0"	F
4/1 "	76	7' 0"	M	" "	73	4' 0"	M	19/1 "	69	4' 0"	F
" "	73	7' 0"	"	" "	74	7' 0"	M	" "	77	10' 0"	F
" "	76	8' 0"	"	" "	71	10' 0"	F	" "	69	7' 0"	M
5/1 "	81	7' 0"	M	" "	73	6' 0"	F	" "	70	9' 0"	M
" "	73	8' 0"	"	" "	74	7' 0"	M	" "	71	8' 0"	M
" "	70	7' 0"	"	" "	74	10' 0"	M	" "	66	4' 2"	M
6/1 "	72	5' 0"	F	" "	71	10' 0"	M	" "	76	4' 2"	M
" "	73	6' 0"	F	" "	75	4' 0"	M	" "	73	6' 6"	M
" "	70	6' 0"	F	" "	74	6' 0"	M	" "	75	4' 5"	"
" "	75	2' 6"	F	16/1 "	77	6' 0"	F	" "	65	3' 0"	M
" "	77	4' 0"	"	" "	72	3' 0"	M	" "	74	6' 0"	F
7/1 "	75	5' 5"	F	" "	77	3' 0"	M	" "	77	8' 0"	F
" "	77	11' 0"	F	" "	71	13' 0"	F	" "	74	10' 0"	F

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
19/1 35	74	5' 0"	M	24/1 35	75	7' 0"	F	28/1 35	74	2' 0"	F
" "	73	8' 0"	F	" "	65	5' 0"	M	" "	71	6' 0"	M
" "	77	12' 0"	M	" "	71	8' 0"	F	" "	72	6' 0"	M
" "	70	8' 0"		" "	77	12' 0"	M	" "	73	6' 0"	M
" "	74	9' 0"		" "	75	6' 0"	F	" "	72	11' 0"	F
" "	71	3' 0"	M	" "	70	7' 0"	M	29/1 "	72	10' 0"	F
" "	73	3' 0"	M	" "	74	12' 0"	M	" "	77	10' 0"	F
" "	71	5' 0"	F	" "	70	6' 0"	M	" "	73	10' 0"	F
" "	70	2' 0"	F	" "	77	14' 0"	F	" "	72	3' 0"	
20/1 "	72	7' 0"	F	" "	74	12' 0"	M	" "	74	8' 6"	
" "	71	13' 0"	M	" "	72	9' 0"	F	" "	74	6' 0"	
" "	74	8' 0"	M	" "	67	9' 0"	M	" "	69	6' 0"	F
" "	69	5' 0"		" "	73	13' 4"	F	" "	70	15' 0"	F
" "	72	10' 0"	F	25/1 "	73	6' 0"	M	" "	73	13' 4"	F
" "	69	6' 0"	F	" "	65	3' 0"	M	30/1 "	72	5' 0"	M
" "	75	7' 0"	F	" "	70	15' 0"	M	" "	77	9' 0"	F
" "	71	6' 0"	F	" "	72	4' 6"	M	" "	73	8' 0"	M
" "	70	2' 0"	F	" "	73	7' 6"	F	" "	69	10' 0"	M
21/1 "	68	2' 0"	M	" "	74	6' 0"	M	" "	75	13' 8"	F
" "	72	8' 0"	F	" "	69	10' 0"	F	" "	70	8' 1"	F
" "	77	10' 0"	F	" "	76	8' 0"	M	" "	72	5' 0"	M
" "	78	8' 0"	M	" "	70	6' 0"	F	" "	71	4' 0"	M
" "	73	11' 0"	F	" "	77	6' 0"		" "	66	8' 0"	F
" "	71	2' 0"	F	26/1 "	76	8' 0"	F	" "	72	5' 0"	F
" "	70	4' 0"	M	" "	77	10' 0"	F	" "	75	8' 0"	M
" "	72	7' 0"	M	" "	71	10' 0"	M	" "	75	9' 0"	M
" "	72	9' 4"	M	" "	75	10' 0"	M	" "	72	5' 0"	M
" "	69	7' 4"	M	" "	72	8' 0"	F	" "	71	6' 0"	M
" "	78	13' 0"	M	" "	74	8' 6"	F	" "	74	12' 0"	F
" "	69	6' 0"	F	" "	74	6' 0"	F	" "	72	7' 4"	M
22/1 "	71	8' 0"	F	" "	74	5' 2"	F	31/1 "	77	7' 0"	M
" "	71	5' 0"	M	" "	70	10' 0"	M	" "	71	11' 0"	F
" "	71	4' 0"	F	" "	78	8' 0"	F	" "	69	5' 0"	M
" "	69	9' 0"	M	" "	73	5' 0"		" "	75	2' 10"	M
" "	71	6' 6"	F	" "	72	5' 0"	F	" "	73	13' 0"	M
" "	74	10' 6"	M	" "	74	12' 0"	F	" "	74	3' 0"	F
" "	70	4' 2"	F	" "	74	6' 0"		" "	74	9' 0"	F
" "	73	10' 0"	F	" "	73	3' 0"		" "	72	5' 0"	
" "	75	8' 0"	M	27/1 "	73	7' 0"	F	" "	72	4' 0"	
" "	69	3' 0"	M	" "	75	14' 0"	M	" "	76	15' 0"	
" "	72	11' 0"	M	" "	70	12' 0"	F	" "	70	6' 0"	F
" "	72	4' 0"	M	" "	70	7' 7"	F	" "	74	3' 0"	F
" "	73	1' 6"	F	" "	70	12' 0"	F	" "	68	8' 0"	M
" "	74	12' 0"	M	" "	69	12' 0"		" "	75	6' 0"	
" "	72	10' 0"	M	" "	70	7' 0"	F	1/2 "	67	6' 0"	M
" "	72	6' 0"	F	" "	73	8' 0"	F	" "	73	12' 0"	F
" "	70	12' 0"	F	" "	72	7' 0"	F	" "	76	13' 5"	M
" "	73	10' 0"	F	" "	73	10' 0"	F	" "	71	5' 0"	F
" "	67	6' 0"	F	" "	72	6' 0"	M	" "	76	8' 0"	M
23/1 "	69	7' 0"	M	" "	68	8' 6"	F	" "	73	10' 0"	F
" "	70	5' 0"	M	" "	69	10' 5"	M	" "	67	11' 0"	
" "	69	1' 8"	M	" "	64	5' 0"	F	" "	67	7' 0"	F
" "	71	12' 0"	M	28/1 "	73	3' 0"	F	" "	69	5' 0"	M
" "	71	8' 0"		" "	72	2' 0"	M	" "	74	9' 0"	
" "	74	6' 0"	F	" "	72	11' 3"		" "	70	7' 0"	
" "	71	8' 8"	M	" "	74	6' 8"		" "	68	6' 0"	
" "	69	10' 0"	F	" "	72	7' 10"		2/2 "	78	11' 0"	F
" "	77	10' 0"		" "	72	12' 0"	M	" "	77	11' 0"	F

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{2}{2}$ 35	78	8' 0"	F	$\frac{6}{2}$ 35	69	10' 11"	F	$\frac{8}{2}$ 35	72	10' 0"	M
" "	69	6' 0"	M	" "	75	4' 4"	F	$\frac{9}{2}$ "	72	8' 0"	M
" "	74	9' 0"	M	" "	"	"	"	" "	72	12' 0"	M
" "	72	8' 5"	F	" "	74	{ 4' 0"	M	" "	70	12' 0"	F
" "	76	8' 0"	"	" "	71	{ 4' 0"	M	" "	67	8' 0"	F
" "	74	13' 0"	M	" "	72	7' 0"	"	" "	74	8' 0"	M
" "	67	7' 0"	F	" "	71	12' 0"	F	" "	71	14' 0"	F
" "	70	8' 0"	F	" "	73	13' 0"	M	" "	72	12' 0"	M
" "	70	3' 0"	F	" "	74	13' 0"	M	" "	69	5' 0"	M
" "	71	7' 6"	F	" "	72	8' 0"	M	" "	70	6' 0"	F
" "	65	6' 5"	F	" "	74	7' 0"	F	" "	74	9' 6"	F
" "	77	2' 0"	"	" "	76	14' 0"	F	" "	75	10' 0"	F
" "	69	4' 0"	"	" "	75	6' 0"	F	" "	72	5' 3"	"
" "	72	10' 0"	"	" "	73	7' 0"	F	" "	74	12' 0"	M
" "	75	12' 0"	M	" "	70	4' 0"	F	" "	77	12' 0"	F
" "	75	10' 0"	M	" "	79	2' 0"	F	" "	77	11' 0"	F
" "	74	8' 0"	F	$\frac{7}{2}$ "	69	7' 0"	F	" "	70	9' 0"	"
" "	73	8' 0"	F	" "	76	10' 0"	M	" "	77	2' 0"	"
$\frac{3}{2}$ "	77	13' 0"	M	" "	70	14' 0"	M	" "	74	9' 0"	"
" "	71	10' 0"	M	" "	69	4' 0"	F	" "	76	9' 0"	"
" "	73	5' 0"	M	" "	71	8' 6"	F	" "	66	8' 0"	M
" "	75	11' 0"	M	" "	68	3' 0"	M	" "	70	10' 0"	M
" "	72	11' 0"	"	" "	72	10' 0"	F	" "	68	7' 0"	F
" "	68	7' 0"	"	" "	73	11' 0"	M	" "	72	3' 0"	M
" "	73	10' 0"	F	" "	71	4' 0"	F	$\frac{10}{2}$ "	76	11' 0"	M
" "	72	8' 0"	M	" "	70	10' 0"	"	" "	73	4' 0"	F
" "	71	7' 0"	F	" "	76	2' 0"	"	" "	67	12' 0"	M
" "	69	10' 0"	M	" "	73	2' 0"	"	" "	76	14' 0"	M
" "	72	4' 0"	M	" "	76	12' 0"	"	" "	72	6' 0"	F
" "	77	4' 0"	M	" "	75	10' 0"	"	" "	73	7' 0"	F
" "	75	12' 0"	M	" "	76	17' 0"	F	" "	73	7' 0"	M
" "	72	10' 0"	M	" "	69	12' 0"	M	" "	67	3' 0"	F
" "	72	7' 0"	F	$\frac{8}{2}$ "	74	4' 0"	M	" "	73	7' 0"	M
" "	73	7' 0"	F	" "	72	9' 0"	M	" "	67	13' 0"	F
" "	73	7' 0"	F	" "	70	4' 0"	M	" "	68	5' 6"	F
$\frac{4}{2}$ "	70	4' 0"	F	" "	79	0' 7"	F	" "	69	2' 0"	F
" "	70	4' 0"	F	" "	67	5' 0"	M	" "	66	6' 0"	M
" "	76	11' 0"	F	" "	71	7' 0"	F	" "	75	12' 0"	F
" "	75	8' 0"	F	" "	74	12' 0"	M	" "	75	10' 0"	M
" "	77	9' 0"	"	" "	73	11' 0"	M	" "	68	10' 0"	F
" "	75	12' 0"	"	" "	75	2' 0"	F	" "	69	12' 0"	F
" "	72	9' 0"	F	" "	74	10' 0"	F	" "	76	8' 0"	M
" "	73	11' 0"	M	" "	76	6' 0"	M	" "	73	12' 0"	F
" "	73	9' 0"	M	" "	67	7' 0"	M	" "	70	13' 0"	F
" "	71	12' 6"	F	" "	73	4' 0"	M	" "	69	6' 0"	F
" "	73	0' 10"	M	" "	64	6' 0"	M	" "	65	9' 0"	M
" "	70	9' 0"	"	" "	73	14' 0"	"	" "	70	10' 0"	M
$\frac{5}{2}$ "	75	11' 0"	F	" "	70	7' 0"	"	" "	75	7' 0"	F
" "	72	7' 6"	F	" "	75	9' 0"	"	$\frac{11}{2}$ "	75	10' 0"	M
" "	77	{ 6' 0"	F	" "	79	8' 0"	"	" "	70	12' 0"	F
" "	72	{ 6' 5"	F	" "	72	6' 0"	"	" "	72	6' 0"	F
" "	72	6' 0"	F	" "	76	15' 0"	"	" "	70	9' 0"	F
" "	71	10' 0"	F	" "	74	12' 0"	M	" "	70	4' 0"	F
" "	73	10' 0"	M	" "	74	6' 0"	M	" "	67	6' 0"	M
" "	76	12' 0"	F	" "	69	8' 7"	M	" "	74	11' 0"	M
$\frac{6}{2}$ "	66	4' 0"	F	" "	69	7' 0"	"	" "	67	6' 0"	M
" "	68	8' 0"	M	" "	71	10' 0"	"	" "	74	6' 0"	M
" "	67	8' 0"	M	" "	71	8' 0"	"	" "	66	8' 0"	M

Table No. 10 (continued).

Date when measured.	Length.		Sex	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
11/2 35	68	10' 0"	F	13/2 35	70	2' 0"	M	15/2 35	71	8' 0"	M
" "	64	4' 0"	M	" "	70	8' 0"	M	" "	70	9' 0"	F
" "	74	7' 0"	M	" "	68	6' 0"	F	16/2 "	68	9' 0"	M
" "	78	8' 0"		" "	73	10' 0"		" "	72	11' 0"	M
" "	74	11' 0"	F	" "	69	7' 0"	M	" "	71	11' 0"	F
" "	72	13' 0"	M	" "	81	12' 0"	M	" "	72	9' 6"	M
" "	68	9' 0"	F	" "	70	6' 0"	M	" "	79	13' 3"	
" "	70	12' 0"	F	" "	74	9' 0"	M	" "	75	5' 0"	M
" "	68	11' 0"	F	" "	70	0' 10"	M	" "	72	12' 0"	F
12/2 "	77	10' 0"	F	" "	68	10' 0"	M	" "	79	15' 0"	F
" "	73	9' 0"	M	" "	74	16' 0"	F	" "	79	10' 0"	M
" "	75	3' 0"	M	" "	71	4' 0"	F	" "	70	7' 0"	M
" "	67	5' 0"	M	" "	72	8' 0"	F	" "	67	6' 0"	F
" "	77	12' 0"	M	14/2 "	76	3' 0"	F	" "	71	7' 0"	M
" "	66	4' 0"	M	" "	70	15' 0"	F	" "	70	15' 0"	
" "	72	10' 0"	M	" "	73	4' 0"	M	" "	72	9' 0"	M
" "	66	6' 0"	F	" "	74	10' 6"	F	" "	68	7' 0"	M
" "	74	6' 0"	F	" "	68	9' 0"	M	" "	75	12' 0"	F
" "	70	10' 0"	F	" "	69	11' 0"	F	" "	72	4' 0"	M
" "	74	10' 0"	M	" "	78	13' 0"	M	" "	73	14' 0"	F
" "	70	9' 5"	M	" "	74	11' 0"	F	" "	71	10' 0"	F
" "	75	13' 6"	M	" "	76	6' 0"	M	" "	71	3' 0"	F
" "	75	11' 0"	F	" "	72	13' 0"	F	" "	71	7' 0"	M
" "	75	10' 7"	M	" "	66	7' 0"	M	17/2 "	68	12' 0"	F
" "	72	5' 6"	F	" "	76	10' 0"	F	" "	76	5' 0"	F
" "	75	{10' 4"	F	" "	73	14' 0"	M	" "	77	12' 0"	F
" "		{12' 5"	M	" "	72	5' 0"	M	" "	70	5' 0"	F
" "	68	5' 5"	F	" "	70	8' 0"	M	" "	73	3' 0"	M
" "	76	15' 0"	M	" "	76	15' 0"	M	" "	73	2' 0"	F
" "	73	6' 0"	M	" "	74	5' 0"	M	" "	74	5' 0"	M
" "	76	7' 0"	F	" "	74	8' 0"	M	" "	71	5' 0"	F
" "	75	{12' 0"	F	15/2 "	74	5' 0"	F	" "	67	9' 0"	F
" "		{10' 0"	M	" "	65	5' 0"	F	" "	65	11' 0"	F
" "	72	5' 0"	M	" "	71	12' 0"	M	" "	72	8' 0"	M
" "	76	9' 0"	F	" "	70	5' 0"	F	" "	74	9' 0"	F
" "	74	10' 0"	M	" "	70	3' 0"	M	" "	78	4' 0"	M
" "	73	11' 0"	F	" "	71	14' 0"	M	" "	78	18' 0"	M
" "	71	4' 0"	F	" "	65	5' 4"	M	" "	77	15' 0"	F
" "	73	4' 0"	F	" "	75	4' 0"	M	" "	75	15' 0"	M
" "	70	1' 0"	F	" "	74	15' 0"	M	" "	67	6' 0"	M
" "	74	10' 0"	F	" "	68	8' 0"	M	" "	73	13' 0"	M
" "	75	10' 0"	F	" "	70	7' 0"	F	" "	73	10' 0"	F
" "	73	5' 0"	F	" "	77	5' 0"	F	" "	66	6' 0"	F
" "	74	7' 0"	M	" "	77	12' 0"	M	" "	71	14' 0"	M
" "	75	6' 0"	M	" "	67	16' 0"	M	" "	69	14' 0"	F
" "	77	14' 0"	M	" "	70	9' 0"	F	" "	71	5' 0"	F
13/2 "	78	6' 0"	F	" "	75	12' 0"	F	" "	72	11' 0"	F
" "	72	7' 0"	F	" "	65	7' 0"	F	18/2 "	75	8' 0"	M
" "	73	9' 0"	F	" "	80	2' 0"	M	" "	76	13' 0"	M
" "	74	14' 0"	M	" "	74	12' 0"	F	" "	68	10' 0"	M
" "	70	10' 0"	M	" "	71	10' 0"	M	" "	71	9' 0"	F
" "	69	4' 0"	M	" "	71	6' 0"	F	" "	69	3' 0"	M
" "	70	8' 0"	M	" "	73	13' 0"	M	" "	71	9' 0"	F
" "	67	5' 0"	M	" "	75	12' 0"	M	" "	75	15' 0"	M
" "	75	10' 0"	F	" "	71	13' 0"	F	" "	69	13' 0"	F
" "	77	13' 0"	F	" "	74	10' 0"	F	" "	77	12' 0"	M
" "	68	15' 0"	M	" "	69	7' 0"	M	" "	70	8' 0"	F
" "	74	6' 0"	M	" "	71	15' 0"	M	" "			

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
18/2 35	68	5' 0"	M	21/2 35	74	10' 0"		24/2 35	67	9' 0"	F
" "	71	6' 5"	F	" "	69	4' 0"	M	" "	76	2' 0"	M
" "	78	14' 0"	F	" "	72	7' 0"	F	" "	72	5' 0"	M
" "	79	10' 0"	F	" "	73	12' 0"	M	" "	68	12' 0"	M
" "	83	12' 0"	F	" "	75	14' 0"	M	" "	72	12' 0"	M
" "	68	6' 0"	M	22/2 "	77	6' 0"	M	" "	74	16' 0"	F
" "	72	9' 0"	F	" "	69	10' 0"	F	25/2 "	77	6' 0"	F
" "	73	8' 0"	M	" "	70	10' 0"	F	" "	69	10' 0"	M
" "	64	8' 0"	M	" "	70	10' 0"	M	" "	73	10' 0"	F
" "	66	8' 0"	M	" "	69	10' 0"	F	" "	69	9' 0"	F
" "	69	2' 6"		" "	71	4' 0"	M	" "	69	10' 0"	M
" "	74	12' 0"	M	" "	74	7' 0"	F	" "	72	6' 5"	F
" "	67	5' 0"	F	" "	65	5' 0"	M	" "	74	9' 6"	F
" "	75	12' 0"	M	" "	72	7' 0"	M	" "	74	13' 0"	F
" "	74	3' 0"	M	" "	73	13' 0"	F	" "	75	3' 0"	F
19/2 "	75	7' 0"	F	" "	79	11' 0"	F	" "	71	7' 0"	M
" "	75	12' 0"	M	" "	70	11' 0"	F	" "	75	7' 0"	F
" "	64	14' 0"	F	" "	73	10' 0"	M	" "	66	8' 0"	F
" "	75	5' 0"	M	" "	70	11' 0"		" "	77	10' 0"	
" "	70	11' 0"	F	" "	80	14' 0"		" "	73	7' 0"	
" "	59	6' 0"	M	" "	72	13' 0"	F	" "	77	10' 0"	
" "	73	10' 0"	F	" "	69	10' 0"	M	" "	72	15' 0"	M
" "	77	13' 0"	M	" "	78	15' 0"	M	" "	74	6' 0"	F
" "	74	11' 0"	M	" "	76	13' 0"	M	" "	71	8' 0"	M
" "	72	11' 0"	F	" "	76	12' 0"	F	" "	70	13' 0"	M
" "	74	5' 0"	F	" "	75	10' 0"	F	" "	69	12' 0"	F
" "	75	18' 0"	F	23/2 "	76	9' 0"	M	" "	74	15' 0"	M
" "	75	5' 0"		" "	75	12' 0"	M	" "	72	17' 2"	F
" "	70	10' 0"		" "	71	15' 6"	F	" "	72	8' 0"	M
" "	71	9' 0"		" "	72	7' 0"	M	" "	73	12' 0"	F
" "	77	15' 0"		" "	76	3' 3"	F	" "	70	10' 0"	M
" "	70	11' 0"		" "	73	12' 0"	F	" "	73	13' 0"	F
" "	75	7' 0"	M	" "	67	10' 0"	F	" "	75	13' 0"	M
" "	75	9' 0"	F	" "	75	13' 0"	F	" "	67	9' 0"	F
" "	73	14' 0"	F	" "	71	5' 0"	M	" "	72	10' 0"	F
" "	64	8' 0"	F	" "	69	6' 0"	M	" "	76	16' 0"	F
" "	76	10' 0"	M	" "	70	15' 0"		" "	75	14' 0"	M
" "	72	8' 0"	F	" "	73	6' 0"		26/2 "	76	9' 0"	F
20/2 "	75	10' 0"	F	" "	75	16' 0"		" "	72	7' 0"	F
" "	70	7' 0"	F	" "	72	6' 0"	F	" "	73	5' 0"	F
" "	71	5' 0"	M	" "	73	14' 0"	M	" "	73	15' 0"	M
" "	68	7' 6"	M	" "	73	12' 0"	M	" "	78	14' 0"	M
" "	73	11' 0"	M	24/2 "	78	7' 0"	M	" "	75	14' 0"	F
" "	74	9' 2"	M	" "	79	14' 0"	F	" "	71	12' 0"	M
" "	68	8' 7"	M	" "	64	4' 0"	M	" "	68	3' 0"	M
" "	71	11' 6"	F	" "	68	6' 0"	F	" "	71	7' 0"	M
" "	69	11' 0"	M	" "	72	2' 0"	F	" "	68	8' 0"	M
" "	72	10' 0"	M	" "	69	4' 0"	F	" "	72	13' 0"	F
" "	66	5' 0"	M	" "	75	3' 0"	F	" "	74	13' 0"	F
" "	80	15' 0"	F	" "	75	7' 0"	F	" "	70	12' 0"	F
" "	67	3' 0"	M	" "	68	10' 6"	F	" "	70	12' 0"	F
" "	70	6' 0"	M	" "	72	4' 6"	F	" "	70	12' 0"	F
" "	74	13' 0"	F	" "	72	6' 2"	M	" "	74	1' 0"	F
" "	73	10' 0"	M	" "	73	6' 0"	F	" "	76	4' 0"	F
21/2 "	71	11' 0"	F	" "	72	18' 0"	M	" "	70	13' 0"	M
" "	70	14' 0"	M	" "	73	8' 0"		" "	70	9' 0"	F
" "	70	8' 0"	F	" "	73	10' 0"	M	" "	74	11' 0"	F
" "	75	12' 0"		" "	72	10' 0"	F	" "	71	15' 0"	F

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
27/2 35	73	10' 0"	F	2/3 35	75	10' 0"		6/3 35	70	17' 0"	M
" "	67	5' 0"	M	" "	78	12' 0"		" "	72	14' 0"	M
" "	74	3' 0"	F	" "	77	14' 0"		" "	67	11' 0"	M
" "	70	14' 0"	M	" "	80	8' 0"		" "	66	10' 0"	M
" "	70	12' 0"	F	" "	74	11' 0"	F	" "	70	13' 0"	F
" "	67	10' 0"	M	" "	73	11' 0"	F	" "	73	17' 0"	F
" "	63	7' 0"	M	" "	77	17' 0"	F	" "	69	11' 0"	M
" "	63	4' 0"	F	" "	74	10' 0"	M	" "	74	11' 0"	M
" "	74	8' 0"	M	" "	72	8' 0"	M	" "	73	8' 0"	F
" "	73	8' 0"	M	" "	76	13' 6"	M	" "	74	15' 0"	M
" "	74	6' 0"	F	3/3 "	74	12' 0"	M	" "	68	13' 0"	F
28/2 "	74	8' 0"	M	" "	69	6' 0"	M	" "	73	6' 0"	F
" "	75	12' 0"	F	" "	69	14' 0"	M	" "	73	14' 0"	M
" "	75	10' 0"	F	" "	65	2' 6"	M	" "	75	11' 0"	F
" "	76	4' 0"	M	" "	71	10' 0"	F	" "	70	13' 0"	F
" "	73	13' 0"	F	" "	76	18' 0"	F	" "	74	16' 0"	M
" "	71	11' 0"	M	" "	72	9' 0"	F	" "	70	7' 0"	M
" "	73	9' 0"	M	" "	72	14' 0"	F	7/3 "	67	4' 0"	M
" "	73	16' 6"	M	" "	74	9' 0"	M	" "	70	8' 0"	M
" "	70	16' 0"	M	" "	73	11' 0"	F	" "	76	8' 0"	M
" "	64	17' 0"	F	" "	67	6' 0"	M	" "	80	13' 0"	M
" "	73	9' 0"	F	" "	76	15' 0"	F	" "	72	5' 0"	F
" "	74	10' 0"	M	" "	71	7' 0"	F	" "	74	7' 3"	F
" "	77	15' 0"	M	" "	75	7' 0"	M	" "	66	15' 0"	F
" "	76	8' 0"	M	" "	75	6' 0"	M	" "	66	6' 0"	M
" "	74	6' 0"	M	" "	78	14' 0"	M	" "	72	5' 0"	M
" "	67	10' 0"	F	" "	77	11' 0"	M	" "	74	8' 0"	
" "	68	14' 0"	M	4/3 "	73	8' 0"	F	" "	71	12' 0"	
" "	77	14' 0"	M	" "	74	10' 0"	F	" "	74	10' 0"	
" "	73	11' 0"	F	" "	66	10' 0"	M	" "	70	15' 0"	
" "	73	4' 0"	F	" "	73	15' 0"	M	" "	71	9' 0"	F
1/3 "	72	12' 0"	F	" "	76	11' 0"	M	" "	75	13' 0"	M
" "	76	14' 0"	M	" "	73	5' 0"	M	" "	72	14' 0"	M
" "	74	6' 0"	M	" "	74	9' 0"	M	" "	72	7' 0"	M
" "	74	8' 0"	F	" "	68	9' 0"	M	" "	72	17' 0"	F
" "	63	9' 0"	F	" "	71	13' 0"	M	" "	68	11' 0"	M
" "	74	13' 0"	F	" "	70	9' 6"	M	" "	73	1' 9"	F
" "	74	18' 0"	F	" "	69	7' 8"	M	8/3 "	72	11' 0"	M
" "	74	11' 0"	F	" "	75	14' 0"	M	" "	74	11' 0"	F
" "	73	16' 0"	M	" "	73	6' 0"	M	" "	69	10' 0"	F
" "	71	7' 0"	M	" "	63	5' 0"	M	" "	74	7' 0"	F
" "	78	13' 10"	M	" "	74	13' 0"	M	" "	71	10' 0"	F
" "	77	12' 0"	M	" "	72	10' 0"	M	" "	75	14' 0"	F
" "	77	17' 0"	M	" "	70	6' 0"	M	" "	69	12' 0"	F
" "	77	8' 0"	M	5/3 "	75	11' 0"	M	" "	76	14' 0"	M
" "	76	15' 0"	F	" "	71	6' 0"	M	" "	71	13' 6"	F
" "	72	13' 0"	M	" "	70	12' 0"	F	" "	72	11' 0"	M
" "	73	8' 0"	F	" "	74	15' 0"	F	" "	69	12' 0"	F
" "	72	6' 0"	M	" "	72	15' 0"	F	" "	69	8' 0"	F
" "	71	13' 0"	M	" "	66	9' 0"	M	" "	72	6' 0"	M
2/3 "	70	12' 0"	F	" "	72	8' 0"	M	" "	74	10' 0"	F
" "	72	16' 0"	M	" "	74	17' 0"	F	" "	64	18' 0"	M
" "	71	6' 0"	M	" "	70	6' 5"	F	" "	81	18' 0"	M
" "	71	5' 0"	F	" "	66	9' 0"	F	" "	72	14' 0"	F
" "	71	14' 0"	M	6/3 "	67	3' 0"	M	" "	72	10' 0"	F
" "	69	12' 0"	M	" "	78	8' 0"	F	" "	63	11' 0"	M
" "	60	10' 0"	M	" "	68	12' 0"	F	9/3 "	67	8' 0"	M

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
$\frac{9}{3}$ 35	70	17'0"	M	$\frac{12}{3}$ 35	72	15'0"	M	$\frac{15}{3}$ 35	72	5'0"	F
" "	72	6'0"	M	" "	75	12'0"	M	$\frac{16}{3}$ "	75	16'0"	M
" "	74	9'8"	F	" "	75	{14'0"	M	" "	77	18'0"	M
" "	74	12'0"	M	" "	75	{14'0"	F	" "	77	17'0"	M
" "	70	17'0"	F	" "	70	16'5"	F	" "	68	3'0"	M
" "	77	15'0"		" "	77	5'0"	F	" "	74	14'0"	
" "	75	12'0"		" "	69	9'0"	M	" "	70	10'0"	F
" "	75	6'0"	M	" "	70	9'0"	F	" "	78	5'6"	F
" "	72	12'0"	F	" "	66	9'0"	M	" "	76	6'0"	F
" "	78	18'0"	M	" "	72	5'0"	M	" "	74	8'0"	M
" "	77	14'0"	M	" "	80	10'0"	F	$\frac{17}{3}$ "	73	8'0"	F
" "	75	9'0"	M	" "	82	18'0"		" "	76	8'0"	M
$\frac{10}{3}$ "	72	13'0"	M	" "	80	15'0"		" "	70	14'0"	M
" "	73	9'0"	F	" "	76	17'0"		" "	75	15'0"	F
" "	71	10'0"	M	" "	69	13'0"	F	" "	72	1'6"	F
" "	76	17'0"	F	" "	72	11'0"	M	" "	73	16'0"	F
" "	75	2'0"		$\frac{13}{3}$ "	66	10'0"	F	" "	67	9'0"	F
" "	77	15'0"		" "	68	6'0"	M	" "	70	9'0"	F
" "	72	11'0"		" "	77	12'0"	F	" "	74	16'6"	F
" "	72	5'0"	F	" "	72	6'0"	F	$\frac{13}{3}$ "	75	9'0"	F
" "	75	7'0"	F	" "	70	15'0"	M	" "	78	15'0"	F
" "	75	8'0"	F	" "	71	4'0"	F	" "	77	17'0"	M
$\frac{11}{3}$ "	69	17'0"	F	" "	74	9'0"	M	" "	75	10'0"	M
" "	75	16'0"	F	" "	75	13'0"	M	" "	73	10'0"	F
" "	71	14'0"	F	" "	72	17'0"	M	" "	67	6'0"	F
" "	72	8'0"	M	" "	64	10'0"	F	" "	69	6'0"	F
" "	77	17'0"	F	" "	73	17'0"	M	$\frac{18}{3}$ "	70	5'0"	F
" "	73	14'0"	M	" "	67	10'0"	M	" "	69	12'0"	M
" "	71	12'0"	F	" "	75	14'0"	M	" "	73	15'0"	F
" "	72	16'0"	F	" "	77	16'0"	F	" "	71	12'0"	M
" "	77	9'0"	F	" "	68	10'0"	F	" "	68	12'0"	M
" "	68	11'0"	F	" "	74	14'0"	M	" "	72	5'0"	M
" "	68	7'0"	M	" "	70	11'0"	F	" "	73	5'0"	M
" "	74	13'0"	M	$\frac{14}{3}$ "	72	15'0"	M	" "	73	3'0"	M
" "	67	5'0"	F	" "	66	2'0"	F	" "	76	15'6"	F
" "	75	14'0"	M	" "	78	16'0"	M	$\frac{20}{3}$ "	73	6'0"	F
" "	74	16'0"	F	" "	76	15'0"	M	" "	67	5'5"	M
" "	73	12'0"	M	" "	73	15'6"	F	" "	74	6'0"	M
" "	75	14'0"	M	" "	73	13'0"	F	" "	75	15'0"	
" "	74	16'0"	F	" "	69	8'0"	F	" "	76	13'0"	F
" "	73	12'0"	M	" "	76	16'0"	M	$\frac{21}{3}$ "	70	6'0"	F
" "	77	13'6"	M	$\frac{15}{3}$ "	68	12'0"	F	" "	76	8'0"	M
" "	76	14'11"	F	" "	68	9'0"	M	" "	74	10'0"	M
" "	75	12'0"	M	" "	73	15'0"	F	" "	76	7'0"	M
" "	73	12'0"	M	" "	73	14'0"	M	" "	74	13'0"	M
" "	74	5'0"		" "	70	7'0"	F	" "	72	10'0"	M
" "	70	13'0"	M	" "	72	14'0"	F	" "	71	16'0"	F
" "	68	8'0"	M	" "	73	15'0"		" "	75	15'0"	F
" "	68	12'0"	F	" "	82	18'0"		" "	72	15'0"	F
" "	73	14'0"	M	" "	70	10'0"	F	" "	74	5'0"	F
" "	75	18'0"	F	" "	73	6'0"	M	$\frac{22}{3}$ "	75	6'0"	M
" "	72	7'0"	M	" "	75	12'6"	F	" "	72	15'0"	F
" "	71	7'6"	M	" "	73	16'0"	M	" "	76	18'0"	M
" "	73	8'0"	M	" "	77	15'0"	M	" "	76	20'0"	M
" "	79	11'0"	F	" "	72	10'0"	F	" "	69	10'0"	M
$\frac{12}{3}$ "	73	5'0"	F	" "	75	15'0"	M	" "	70	3'0"	F
" "	70	14'0"	M	" "	75	15'0"	M	" "	71	12'0"	F
" "	75	13'0"	M	" "	75	10'0"	F	$\frac{23}{3}$ "	72	15'0"	M

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
23/3 35	73	7' 6"	F	26/3 35	76	10' 0"		29/3 35	75	10' 0"	M
" "	74	12' 0"	F	" "	77	23' 0"		" "	77	20' 0"	F
" "	75	8' 0"	M	" "	75	14' 0"	F	" "	72	13' 0"	F
" "	81	15' 0"	F	" "	75	5' 0"	F	" "	71	7' 0"	M
" "	65	6' 0"	M	" "	68	12' 0"	M	" "	66	9' 0"	M
" "	75	15' 0"	F	" "	72	18' 0"	M	" "	80	18' 0"	
" "	74	13' 0"	F	" "	72	18' 0"	F	" "	76	16' 0"	
" "	77	17' 0"	M	" "	68	13' 0"	F	" "	75	8' 0"	
24/3 "	75	9' 0"	M	" "	73	8' 0"	M	" "	74	17' 0"	F
" "	75	8' 0"	M	" "	76	17' 0"	M	" "	71	20' 0"	M
" "	67	6' 0"	F	" "	73	15' 0"	F	" "	67	16' 0"	M
" "	73	17' 6"	M	27/3 "	76	8' 0"	F	" "	70	15' 0"	F
" "	77	17' 0"	F	" "	75	18' 0"	F	" "	72	19' 0"	M
" "	76	17' 0"	F	" "	82	8' 0"	F	" "	73	8' 0"	M
" "	73	13' 0"	F	" "	76	15' 0"	F	" "	73	14' 0"	M
" "	73	3' 0"	F	" "	77	9' 0"	M	" "	75	16' 0"	F
" "	71	20' 0"	M	" "	70	10' 0"	M	" "	68	5' 0"	M
" "	77	3' 0"	F	" "	66	6' 0"	F	30/3 "	72	12' 0"	M
" "	75	1' 6"	F	" "	77	18' 0"	F	" "	72	6' 0"	F
" "	75	10' 0"	M	" "	74	16' 0"	M	" "	76	16' 0"	F
25/3 "	74	15' 0"	M	" "	69	12' 0"	F	" "	72	16' 0"	F
" "	73	13' 0"	F	" "	73	7' 0"	M	" "	73	5' 0"	F
" "	74	15' 0"	F	" "	74	5' 0"	M	" "	69	6' 0"	F
" "	66	11' 0"	F	" "	73	15' 0"	F	" "	70	5' 0"	M
" "	67	14' 0"	M	" "	71	15' 0"	M	" "	65	5' 0"	F
" "	80	19' 0"	M	" "	69	6' 0"	M	" "	73	10' 0"	F
" "	64	5' 0"	F	" "	73	15' 0"		" "	72	15' 0"	F
" "	67	6' 0"	F	" "	73	15' 0"		" "	68	6' 0"	M
" "	73	10' 0"	F	" "	76	16' 0"		" "	72	9' 0"	F
" "	78	11' 0"	F	" "	74	16' 0"	M	" "	76	13' 0"	M
" "	74	18' 0"	F	" "	76	18' 0"	M	" "	80	18' 0"	F
" "	70	14' 0"	F	" "	73	15' 0"	M	" "	75	18' 0"	F
" "	69	16' 0"	F	" "	74	10' 0"	F	" "	71	20' 0"	F
" "	71	9' 0"	M	" "	78	4' 0"	F	" "	71	14' 0"	F
" "	70	18' 0"	M	" "	73	5' 0"	M	" "	74	4' 0"	F
" "	72	9' 0"	M	28/3 "	73	5' 0"	F	" "	77	16' 6"	M
" "	68	17' 4"	M	" "	68	14' 0"	F	" "	76	13' 0"	M
" "	75	13' 6"	M	" "	72	12' 0"	M	31/3 "	72	16' 0"	M
" "	76	18' 0"	M	" "	74	14' 0"	M	" "	73	14' 0"	M
" "	75	12' 0"	F	" "	73	13' 0"	M	" "	74	7' 6"	M
" "	75	14' 0"	F	" "	67	14' 6"	M	" "	68	5' 0"	F
" "	76	16' 0"	F	" "	77	9' 5"	M	" "	69	6' 0"	F
26/3 "	78	8' 0"	M	" "	69	11' 0"	F	" "	73	20' 0"	M
" "	77	15' 0"	F	" "	68	18' 0"	M	" "	72	9' 0"	F
" "	75	9' 0"	F	" "	73	16' 0"	M	" "	73	9' 0"	M
" "	68	13' 0"	M	" "	74	15' 0"	M	" "	77	13' 0"	M
" "	69	13' 0"	F	" "	77	20' 0"	F	" "	67	11' 0"	M
" "	70	12' 0"	F	" "	71	5' 0"	F	1/4 "	76	19' 0"	
" "	76	15' 0"	M	" "	72	9' 0"	F	2/4 "	78	19' 0"	
" "	74	11' 0"	F	29/3 "	68	10' 0"	F	5/4 "	75	12' 0"	
" "	74	15' 0"		" "	79	19' 0"	F	5/5 "	75	15' 0"	F
" "	73	19' 0"		" "	70	14' 0"	F	" "	73	14' 0"	F
" "	77	16' 0"		" "	76	8' 0"	F	" "	53	12' 0"	F

Total 1,542 fin-whale foetuses, of which 701 males and 680 females. Sex was not stated for 161 foetuses. Of the 1,381 foetuses for which sex was stated, 50.8 per cent were males and 49.2 per cent females.

Table No. 10 (continued).

3. Humpback foetuses
measured in the Southern Seas in the season 1934/35.

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
14/11 34	42	5'0"		12/12 34	46	1'0"	M	24/12 34	47	3'0"	M
2/12 "	44	1'5"	F	13/12 "	48	1'0"	F	" "	50	2'0"	M
" "	48	1'5"	F	" "	42	2'0"	F	" "	43	0'6"	M
" "	46	1'0"	M	" "	42	0'4"	M	" "	44	1'2"	M
3/12 "	45	1'6"	M	" "	44	1'0"	F	" "	50	1'6"	F
" "	42	1'6"	F	" "	42	1'0"	M	" "	42	1'0"	F
" "	46	1'0"	F	14/12 "	45	1'0"	M	" "	44	1'6"	M
" "	43	0'6"	M	" "	41	1'0"	F	" "	48	2'0"	M
" "	43	1'0"	F	" "	43	1'6"	F	" "	41	2'0"	F
" "	42	1'6"	F	" "	43	0'8"	F	" "	45	1'6"	F
5/12 "	48	1'0"	M	" "	53	0'2"	F	" "	46	2'0"	M
" "	45	1'0"	M	" "	41	2'0"	M	25/12 "	44	1'0"	F
" "	46	1'0"	M	" "	43	1'0"	M	" "	45	1'0"	M
" "	44	1'0"	F	" "	43	1'0"	F	" "	45	3'0"	M
6/12 "	44	1'0"	F	15/12 "	50	2'0"	M	" "	45	1'0"	M
7/12 "	48	0'6"	M	" "	42	2'0"	M	" "	45	3'0"	M
" "	42	1'0"	F	" "	42	0'9"	M	" "	43	2'0"	M
8/12 "	50	1'0"	M	" "	44	2'0"	M	" "	50	1'6"	F
" "	42	1'0"	F	" "	37	2'0"	F	26/12 "	46	1'0"	F
" "	44	0'6"	M	" "	44	1'0"	M	" "	46	1'0"	F
" "	47	0'6"	F	" "	46	2'0"	F	27/12 "	47	0'3"	M
" "	46	1'2"	M	16/12 "	47	1'0"	F	" "	48	2'0"	F
9/12 "	46	1'0"	M	" "	48	1'0"	M	28/12 "	46	2'0"	M
" "	44	1'0"	F	" "	47	2'2"	M	" "	47	1'0"	F
" "	44	1'0"	F	17/12 "	45	2'0"	F	29/12 "	42	1'0"	M
" "	49	1'0"	M	" "	47	0'6"	F	" "	43	2'0"	F
" "	40	1'0"	M	" "	45	1'6"	M	30/12 "	42	2'0"	M
" "	44	1'6"	M	18/12 "	47	1'0"	M	" "	43	1'0"	M
" "	46	2'0"	M	" "	48	0'8"	M	31/12 "	46	2'0"	M
" "	45	1'0"	F	" "	51	1'0"	M	" "	50	1'6"	F
" "	42	1'6"	F	" "	43	1'0"	F	1/1 35	49	2'0"	F
" "	43	1'2"	M	" "	45	2'0"	M	" "	48	2'0"	F
10/12 "	43	0'6"	F	" "	42	2'0"	M	" "	43	2'0"	F
" "	46	1'6"	F	" "	41	0'9"	M	" "	46	2'0"	M
" "	46	1'0"	M	19/12 "	44	0'8"	F	" "	48	2'0"	M
" "	43	0'6"	F	" "	42	2'0"	M	" "	47	1'6"	F
" "	47	1'0"	M	20/12 "	43	1'0"	M	" "	40	1'0"	M
" "	42	1'0"	M	" "	45	0'10"	M	" "	43	2'0"	M
" "	42	1'0"	M	" "	45	1'0"	F	2/1 "	49	1'6"	F
" "	43	2'0"	M	21/12 "	43	1'0"	M	" "	45	1'6"	F
11/12 "	43	1'6"	F	" "	48	1'0"	M	" "	46	1'0"	F
" "	45	1'0"	F	" "	45	2'0"	M	" "	49	1'6"	F
" "	43	1'0"	M	" "	38	0'6"	M	" "	43	2'6"	M
" "	48	4'0"	F	" "	38	1'0"	M	" "	39	2'0"	F
12/12 "	50	1'0"	F	" "	43	0'9"	M	" "	46	2'0"	M
" "	41	0'6"	M	" "	44	1'0"	M	3/1 "	47	1'6"	F
" "	40	0'4"	M	" "	44	2'0"	M	" "	42	1'6"	M
" "	44	1'6"	F	22/12 "	41	1'0"	F	4/1 "	45	3'0"	M
" "	43	0'3"	M	" "	47	0'8"	M	" "	40	1'0"	F
" "	44	1'0"	F	" "	44	1'0"	F	7/1 "	43	2'0"	F
" "	46	2'0"	M	" "	43	2'0"	M	" "	41	2'0"	M
" "	44	1'0"	F	" "	43	0'6"	F	8/1 "	48	2'0"	M
" "	39	2'0"	M	23/12 "	45	2'0"	M	9/1 "	47	2'4"	M
" "	41	0'6"	M	" "	41	1'0"	M	" "	48	3'0"	M
" "	46	1'0"	M	" "	42	2'6"	M	10/1 "	43	1'0"	F

Table No. 10 (continued).

Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.	Date when measured.	Length.		Sex.
	Mother.	Foetus.			Mother.	Foetus.			Mother.	Foetus.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
10/1 35	48	3' 0"	F	27/1 35	44	4' 0"	M	21/2 35	49	5' 0"	M
" "	47	2' 0"	M	4/2 "	48	0' 9"	M	" "	47	5' 0"	F
" "	44	2' 0"	M	5/2 "	40	1' 6"	M	22/2 "	39	4' 0"	F
11/1 "	43	2' 0"	F	6/2 "	48	4' 0"	F	" "	47	6' 0"	M
15/1 "	38	3' 0"	M	7/2 "	44	5' 0"	F	23/2 "	45	5' 0"	M
16/1 "	46	1' 6"	F	8/2 "	49	2' 0"	F	" "	43	9' 0"	F
17/1 "	47	3' 0"	M	9/2 "	47	4' 0"	M	24/2 "	44	3' 6"	M
" "	43	2' 0"	M	" "	45	{ 3' 0"	M	25/2 "	48	4' 0"	M
" "	42	2' 0"	F	" "	45	{ 2' 0"	M	" "	46	4' 0"	
" "	46	3' 0"	F	11/2 "	45	2' 6"	F	26/2 "	45	5' 0"	M
18/1 "	48	3' 0"	M	12/2 "	48	4' 0"	F	4/3 "	48	5' 0"	M
" "	50	4' 0"		" "	47	3' 0"	F	" "	45	5' 0"	F
19/1 "	43	1' 0"	F	" "	45	3' 0"	F	10/3 "	46	4' 0"	F
20/1 "	42	1' 0"	M	16/2 "	48	2' 0"		25/3 "	43	7' 0"	F
" "	45	2' 0"		" "	45	5' 0"	F	" "	44	5' 6"	M
" "	41	3' 0"	M	" "	46	5' 0"	F	28/3 "	41	7' 9"	F
21/1 "	42	2' 0"		18/2 "	45	1' 6"	M	" "	44	5' 0"	M
" "	42	2' 0"	M	" "	42	2' 0"	M	29/3 "	50	8' 7"	F
" "	42	1' 6"	M	" "	45	4' 0"	M	30/3 "	47	2' 0"	M
22/1 "	43	2' 0"		" "	45	3' 0"	F	" "	43	2' 0"	M
23/1 "	47	1' 0"		" "	46	3' 0"	F	31/3 "	46	2' 6"	M
" "	46	4' 0"	F	19/2 "	44	8' 0"	M	" "	46	2' 6"	M
25/1 "	43	2' 0"	M	" "	50	2' 0"		" "	48	2' 0"	F
" "	44	3' 0"	M	" "	42	4' 0"	F	" "	49	1' 6"	M
26/1 "	46	3' 0"	M	20/2 "	44	6' 0"	M	" "	" "	" "	" "
" "	43	2' 0"	F	21/2 "	44	2' 0"	M	" "	" "	" "	" "

Total 241 foetuses, of which 130 males and 98 females. Sex was not stated for 13 foetuses. Of the 228 foetuses, for which sex was stated, 57.0 per cent were males and 43.0 per cent females.

4. Sei-whale foetuses

measured in the Southern Seas in the season 1934/35.

13/2 35	54	6' 0"	M	27/3 35	54	14' 0"		3/5 35	52	14' 0"	F
" "	50	8' 0"	F	" "	49	9' 0"	F	" "	50	10' 0"	M
15/2 "	55	6' 0"	F	2/4 "	55	11' 0"	M	" "	51	12' 0"	M
27/2 "	53	7' 0"	F	8/4 "	54	7' 0"	F	4/5 "	52	8' 0"	M
2/3 "	56	3' 0"	F	9/4 "	51	11' 0"	F	" "	51	9' 0"	M
4/3 "	53	12' 0"		27/4 "	53	10' 0"	M	" "	47	8' 0"	M
" "	48	6' 2"		28/4 "	52	11' 0"	F	" "	49	12' 0"	F
14/3 "	54	10' 0"	F	" "	51	10' 0"	F	" "	55	12' 0"	F
" "	54	12' 0"	F	" "	52	8' 0"	M	6/5 "	52	6' 0"	F
15/3 "	51	8' 0"	F	29/4 "	51	10' 0"	M	" "	50	8' 0"	M
" "	50	12' 0"	F	" "	48	10' 0"	M	" "	53	11' 0"	M
17/3 "	51	12' 6"		30/4 "	51	12' 0"	F	" "	51	8' 0"	M
26/3 "	53	12' 0"		1/5 "	54	11' 0"	M	" "	54	10' 0"	F
27/3 "	48	11' 6"		3/5 "	53	11' 0"	M	7/5 "	50	11' 0"	M

Total 42 foetuses, of which 17 males and 19 females. Sex was not stated for 6 foetuses. Of the 36 foetuses, for which sex was stated, 52.8 per cent were females and 47.2 per cent males.

Table No. 11.—Size of pregnant whale females caught in the Southern Seas in the season 1934/35.

1. Blue-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		
68	1	87	127	
70	4	88	98	
72	5	89	86	
74	3	90	106	
75	3	91	47	
76	21	92	37	
77	22	93	25	
78	35	94	14	
79	28	95	16	
80	72	96	7	
81	61	97	3	
82	97	98	5	
83	116	100	2	
84	149			
85	172			
86	151			
		Sum	1,513	

Number of foetuses measured 1,519,
of which twin-pairs 6.

2. Fin-whale females.

53	1	73	181	
59	1	74	176	
60	1	75	158	
62	1	76	97	
63	5	77	85	
64	13	78	32	
65	16	79	15	
66	30	80	15	
67	51	81	5	
68	70	82	4	
69	87	83	1	
70	154	84	1	
71	128			
72	203			
		Sum	1,531	

Number of foetuses measured 1,542,
of which twin-pairs 11.

3. Humpback females.

37	1	46	30	
38	3	47	21	
39	3	48	23	
40	5	49	7	
41	11	50	10	
42	27	51	1	
43	37	53	1	
44	30			
45	30			
		Sum	240	

Number of foetuses measured 241,
of which twin-pairs 1.

Table No. 12.—Whale foetuses, by species and groups of size, in each month.

1. Blue-whale foetuses

measured in the Southern Seas in the season 1934/35.

Groups of size.	October.	November.	December.	January.	February.	March.	April.	Total.
Engl. feet.								
Less than 1'	1	-	-	-	-	-	-	1
1'-1' 11"	2	3	9	4	1	-	-	19
2'-2' 11"	4	10	21	8	-	-	-	43
3'-3' 11"	6	9	54	15	4	-	-	88
4'-4' 11"	6	13	96	21	8	-	-	144
5'-5' 11"	3	16	94	37	9	2	-	161
6'-6' 11"	1	12	112	43	6	3	-	177
7'-7' 11"	-	7	93	38	7	4	-	149
8'-8' 11"	-	2	79	47	13	2	1	144
9'-9' 11"	-	-	52	35	9	9	-	105
10'-10' 11"	-	2	33	53	24	6	-	118
11'-11' 11"	-	-	18	31	15	3	-	67
12'-12' 11"	-	-	17	33	13	10	-	73
13'-13' 11"	-	-	3	13	10	1	-	27
14'-14' 11"	-	-	7	18	18	13	-	56
15'-15' 11"	-	-	2	14	19	5	1	41
16'-16' 11"	-	-	1	4	12	6	-	23
17'-17' 11"	-	-	-	5	9	7	-	21
18'-18' 11"	-	-	-	1	7	10	-	18
19'-19' 11"	-	-	1	2	5	3	-	11
20'-20' 11"	-	-	-	-	2	10	-	12
21'-21' 11"	-	-	-	-	1	5	-	6
22'-22' 11"	-	-	-	-	1	5	-	6
23'-23' 11"	-	-	-	-	-	2	-	2
24'-24' 11"	-	-	-	-	1	3	1	5
25'-25' 11"	-	-	-	-	-	-	1	1
26'-26' 11"	-	-	-	-	-	1	-	1
Total blue-whale foetuses	23	74	692	422	194	110	4	1,519
Average size of foetuses	3' 3"	4' 8"	6' 5"	8' 8"	11' 7"	15' 3"	18' 0"	8' 3"

2. Fin-whale foetuses

measured in the Southern Seas in the season 1934/35.

Groups of size.	October.	November.	December.	January.	February.	March.	April.	May.	Total.
Engl. feet.									
Less than 1'	-	1	1	1	3	-	-	-	6
1'-1' 11"	2	2	2	3	2	3	-	-	14
2'-2' 11"	1	3	15	14	13	3	-	-	49
3'-3' 11"	-	5	11	18	17	6	-	-	57
4'-4' 11"	-	8	24	22	36	4	-	-	94
5'-5' 11"	-	5	41	27	38	29	-	-	140

(cont.)

Table No. 12 (continued).

Groups of size.	October.	November.	December.	January.	February.	March.	April.	May.	Total.
Engl. feet.									
6'—6' 11".....	-	3	26	49	49	34	-	-	161
7'—7' 11".....	-	-	15	39	52	18	-	-	124
8'—8' 11".....	-	-	14	47	49	32	-	-	142
9'—9' 11".....	-	-	5	21	43	32	-	-	101
10'—10' 11".....	-	-	1	31	77	36	-	-	145
11'—11' 11".....	-	-	-	13	37	28	-	-	78
12'—12' 11".....	-	-	-	15	57	36	1	1	110
13'—13' 11".....	-	-	-	7	33	35	-	-	75
14'—14' 11".....	-	-	1	2	26	40	-	1	70
15'—15' 11".....	-	-	1	3	22	47	-	1	74
16'—16' 11".....	-	-	-	-	7	30	-	-	37
17'—17' 11".....	-	-	-	-	3	23	-	-	26
18'—18' 11".....	-	-	-	-	3	22	-	-	25
19'—19' 11".....	-	-	-	-	-	4	2	-	6
20'—20' 11".....	-	-	-	-	-	7	-	-	7
21'—21' 11".....	-	-	-	-	-	-	-	-	-
22'—22' 11".....	-	-	-	-	-	-	-	-	-
23'—23' 11".....	-	-	-	-	-	1	-	-	1
Total fin-whale foetuses	3	27	157	312	567	470	3	3	1,542
Average size of foetuses	1' 8"	3' 10"	5' 4"	7' 9"	8' 11"	11' 6"	16' 8"	13' 8"	8' 11"

3. Humpback foetuses

measured in the Southern Seas in the season 1934/35.

Engl. feet.									
Less than 1'.....	-	-	25	-	1	-	-	-	26
1'—1' 11".....	-	-	79	16	2	1	-	-	98
2'—2' 11".....	-	-	31	23	7	5	-	-	66
3'—3' 11".....	-	-	3	10	6	-	-	-	19
4'—4' 11".....	-	-	1	3	8	1	-	-	13
5'—5' 11".....	-	1	-	-	7	4	-	-	12
6'—6' 11".....	-	-	-	-	2	-	-	-	2
7'—7' 11".....	-	-	-	-	-	2	-	-	2
8'—8' 11".....	-	-	-	-	1	1	-	-	2
9'—9' 11".....	-	-	-	-	1	-	-	-	1
Total humpback foetuses	-	1	139	52	35	14	-	-	241
Average size of foetuses	-	5' 0"	1' 3"	2' 1"	3' 10"	4' 6"	-	-	2' 1"

4. Sei-whale foetuses

measured in the Southern Seas in the season 1934/35.

Engl. feet.									
3'—3' 11".....	-	-	-	-	-	1	-	-	1
4'—4' 11".....	-	-	-	-	-	-	-	-	-
5'—5' 11".....	-	-	-	-	-	-	-	-	-
6'—6' 11".....	-	-	-	-	2	1	-	1	4
7'—7' 11".....	-	-	-	-	1	-	1	-	2
8'—8' 11".....	-	-	-	-	1	1	1	4	7
9'—9' 11".....	-	-	-	-	-	1	-	1	2
10'—10' 11".....	-	-	-	-	-	1	4	2	7
11'—11' 11".....	-	-	-	-	-	1	3	4	8
12'—12' 11".....	-	-	-	-	-	5	1	3	9
13'—13' 11".....	-	-	-	-	-	-	-	-	-
14'—14' 11".....	-	-	-	-	-	1	-	1	2
Total sei-whale foetuses.	-	-	-	-	4	12	10	16	42
Average size of foetuses	-	-	-	-	6' 9"	10' 2"	10' 0"	10' 1"	9' 9"

Table 13.—Whale foetuses, by species and sex, in each month in the season 1934/35.

Kind of foetus and months.	Number of		Sex not stated.	Total foetuses.	Number of males per 100 females.
	Males.	Females.			
1. Blue-whale foetuses.					
October.....	9	6	8	23	150
November.....	23	19	32	74	121
December.....	276	253	163	692	109
January.....	185	164	73	422	113
February.....	89	77	28	194	116
March.....	54	47	9	110	115
April.....	1	1	2	4	100
Total	637	567	315	1,519	112
2. Fin-whale foetuses.					
October.....	-	1	2	3	-
November.....	6	11	10	27	55
December.....	73	67	17	157	109
January.....	140	134	38	312	104
February.....	255	255	57	567	100
March.....	227	209	34	470	109
April.....	-	-	3	3	-
May.....	-	3	-	3	-
Total	701	680	161	1,542	103
3. Humpback foetuses.					
November.....	-	-	1	1	-
December.....	79	57	4	140	139
January.....	26	20	5	51	130
February.....	17	15	3	35	113
March.....	8	6	-	14	133
Total	130	98	13	241	133

