

DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL
WHALING STATISTICS

VI

EDITED BY

THE COMMITTEE FOR WHALING STATISTICS
APPOINTED BY THE NORWEGIAN GOVERNMENT



OSLO 1935

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INTRODUCTION

In the "International Whaling Statistics" VI we are submitting general statistics of the catch for the season 1933-34 and the summer 1934. We have not succeeded in obtaining the results for Chile for 1934, but have this year got information of the catch outside Kamtchatka, British Columbia, and California. There has been no information available of the species of whales caught outside Alaska, British Columbia and California.

In Table No. 1-5 are given the results of the whaling in 1933-34 and summer 1934, 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.

As mentioned in the "International Whaling Statistics" V the hunting in 1933-34 has been restricted through a production agreement concluded between most of the companies taking part in the Antarctic whaling. Outside this agreement were in this season two British and one Norwegian company, which according to Table No. 9, page 21, had an oil production of 344,521 barrels. The companies adjoined the production agreement had a production of 1,878,764 barrels.

The new Norwegian law of June 26th 1934 authorizes the Crown to restrict the hunting season for whales. According to this law the hunting season in the Antarctic has been restricted to the period from December 1st to March 31st, both days included. This restriction will have influence on the hunting in the season 1934-35. The output of oil in the Antarctic in this season was according to a preliminary survey, published in the Norwegian Whaling Gazette, April 1935, page 50: 2,400,293 barrels.

In "International Whaling Statistics" has been published tables showing the whales caught by species, sex and size. This statistics has

shown that in the Antarctic as a whole there have been killed more males than females. In order to give a survey of the results of the classification by sex, we have in the following table *a* given the figures for a series of years.

Table a.

Kind of whale and whaling grounds.		1933- 1934.	1932- 1933.	1931- 1932.	1930- 1931.	1929- 1930.
Blue-whales.						
<i>Antarctic, pelagic whaling</i>	Males.....	9,257	9,673	2,962	12,760	7,998
	Females.....	7,535	8,907	2,480	11,156	6,851
	Total animals.....	16,792	18,580	5,442	23,916	14,849
	Males per 100 females...	123	109	119	114	117
<i>South Georgia and Deception</i>	Males.....	223	111	216	700	273
	Females.....	311	155	222	614	342
	Total animals.....	534	266	438	1,314	615
	Males per 100 females...	72	72	97	114	80
<i>Coast of Africa</i>	Males.....	-	-	-	-	420
	Females.....	-	-	-	-	541
	Total animals.....	-	-	-	-	961
	Males per 100 females...	-	-	-	-	78
Fin-whales.						
<i>Antarctic, pelagic whaling</i>	Males.....	2,856	2,363	547	4,216	3,517
	Females.....	2,615	2,071	396	3,075	2,455
	Total animals.....	5,471	4,434	943	7,291	5,972
	Males per 100 females...	109	114	138	137	143
<i>South Georgia and Deception</i>	Males.....	895	345	953	813	2,012
	Females.....	833	376	780	899	1,770
	Total animals.....	1,728	721	1,733	1,712	3,782
	Males per 100 females...	107	92	122	90	114
<i>Coast of Africa</i>	Males.....	-	-	-	-	593
	Females.....	-	-	-	-	496
	Total animals.....	-	-	-	-	1,089
	Males per 100 females...	-	-	-	-	120

From this table we learn that the sex proportion of whales killed is not the same for all areas. In that part of the Antarctic where pelagic whaling is carried on there are more males killed than females both of blue-whales and fin-whales. The whaling at South Georgia and Deception shows more female blue-whales killed than males in all years except 1930-31. As to the fin-whales in these areas there are killed more males than females in 3 seasons and more females than males in 2 seasons. Considering the hunting in the Antarctic as a whole, the number of males killed in all years exceeds the number of females for both blue-whales and fin-whales. Mr. Risting has drawn the attention to this in different articles in the

Norwegian Whaling Gazette, where he also has published figures for more years than inserted in the present table. He has also asked the whaling companies to state the sex of those whale *foetuses* which are measured. For the last season he has succeeded in getting the sex stated for 1,540 blue-whale foetuses, 753 fin-whale foetuses and 66 humpback foetuses. Of the 1,540 blue-whale foetuses 827 were males and 713 females, which gives 116 males per 100 females. In the different months the distribution of the whale foetuses according to sex was the following:—

	Males.	Females.	Total.	Males per 100 females.
October	38	24	62	158
November	208	181	389	115
December	292	234	526	125
January	180	174	354	103
February	82	77	159	106
March	27	23	50	117
Total	827	713	1,540	116

This shows that there in all months were more males than females. The returns from each expedition separately gave the same result.

Of the 753 fin-whale foetuses 387 were males and 366 females. It was thus 106 males pr. 100 females. For the different months the distribution of the foetuses by sex was the following:—

	Males.	Females.	Total.	Males per 100 females.
October	—	2	2	—
November	2	3	5	67
December	35	31	66	113
January	183	149	332	123
February	134	145	279	92
March	33	36	69	92
Total	387	366	753	106

The number of foetuses recorded for the fin-whales was not very large, and it is of course impossible to base any conclusion as to the difference between the sex composition of the blue-whale and the fin-whale foetuses on the returns for a single year and the comparatively small samples for the fin-whale foetuses. Of the 66 humpback foetuses 36 were males and 30 females.

In Table *b* is given the number of whales caught on the different areas from 1919–20 to 1933–34.

Table b.

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	1,257	1,168	591	1) 1,325	-
1933-34	32,167	26,087	894	2,392	1,019	2) 1,775	-

1) 203 whales caught off Kamchatka are included. 2) 339 whales caught off Kamchatka are included.

This table shows that the catch in all areas in 1933-34 was 32,167 whales, which is the largest number of whales killed in any year but two (1930 and 1931). In the last season the catch according to the table has gone up with 3,499 whales. This rise in the number of whales killed is partly due to the larger catch in Antarctic, where there were killed 1,760 more whales this season than in the preceding. The catch off Africa has gone up in the three last seasons. The catch in the Pacific North and in Japan was also larger in the last season than in the preceding. On the other hand there were killed fewer whales in the last season in the Arctic.

A survey of the total oil production from 1919-20 to 1933-34 is given in Table c.

Table c.

Years.	All whaling grounds.		Principal grounds.						All whaling grounds.	Antarctic.
			Antarctic.		Arctic.		Africa.			
	Total oil output.	Oil output per boat.	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	17,218	1,324	82,359	3,922	80.0	91.8

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

The total oil output in 1933-34 was 2,573,155 barrels, which is about 24,000 barrels less than in the season 1932-33. As mentioned above the number of whales killed was larger in 1933-34 than in 1932-33, which shows that the oil output per whale was less in the last season than in the preceding. From Table *c* we also learn that the oil output per boat was less in the last season than in the preceding.

In Table *d* is given a specification of the number of whales caught in the Antarctic by species.

Table d.—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.	Floating factories.	Catchers.	
								Barrels.				
1919-20	1,874	3,213	261	71	8	1) ¹ 14	5,441	272,817	6	6	44	124
1920-21	2,617	5,491	260	36	31	1) 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) 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) ¹ 10	14,219	783,307	6	15	70	203
1926-27	6,545	5,102	189	778	39	1) ¹ 12	12,665	872,362	6	17	80	158
1927-28	8,334	4,459	23	883	72	1) 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) 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

¹⁾ Right-whales.

From this table we learn that the catch of blue-whales in 1933-34 was smaller than in the preceding season, but also that the catch has only been larger in 3 of the former seasons. The catch of fin-whales has gone up and the catch of humpbacks was the largest one which is recorded in the Antarctic since the war. We also note a comparatively larger catch of sperm-whales. The number of whales caught per boat was a little higher than in the preceding season and the highest one recorded in the years after the war.

The species of the whales caught by the whaling companies at South Georgia, which is the oldest hunting ground in the Antarctic, are given in Table *e*.

In these areas the blue-whale catch in the years since 1930-31 has been of minor importance. The average yield per boat, which in the preceding seasons was smaller for South Georgia than in the other parts of the Antarctic, was in the last season a little higher.

Table e.—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 fac-tories.	Catch-ers.	
								Barrels.				
1919-20	987	1,673	79	71	8	1) ¹ 14	2,832	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

1) Right-whales.

In Table *f* 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.

Table f.

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

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

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 the last season the number of whales caught by British whaling was higher than the number of whales caught by Norwegian whaling. The Norwegian whaling had, however, a larger output of oil than the British whaling.

In order to show the degree of the utilisation of the whales in the later years, compared with former years, the figures of the average production of oil per blue-whale unit for South Georgia and other grounds in the Antarctic, are given in Table *g*.

Table g.—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	1929-30.....	110.7	109.6
1925-26.....	84.0	84.8	1930-31.....	100.1	105.6
1926-27.....	96.4	91.1	1931-32.....	92.9	102.6
1927-28.....	106.4	92.8	1932-33.....	86.5	114.6
1928-29.....	108.2	98.3	1933-34.....	91.8	111.9

¹⁾ Other whales are reduced to blue-whale equivalents on the following basis:— 1 blue-whale = 2 fin-whales = 2½ humpbacks = 6 sei-whales. ²⁾ Barrel = 1/6 ton. (1 ton = 1,016 kg.).

The average production of oil per blue-whale unit the last season was 91.8 barrels in South Georgia and 111.9 in other parts of the Antarctic. It has, as the table shows, been higher in South Georgia and lower in the other parts of the Antarctic than in the preceding season. For the companies adjoining the production agreement the production of oil per blue-whale unit was 117.6 in the season 1932-33 and 115.7 in the season 1933-34. For the other companies the average yield in the preceding season was 99.95, in the last season 94.9.

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

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

Kind of whale and whaling grounds.	1933-1934.	1932-1933.	1931-1932.	1930-1931.	1929-1930.	1928-1929.	1927-1928.	1926-1927.	1925-1926.	1924-1925.
	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
Blue-whales.										
South Georgia.....	72.67	70.87	70.90	75.47	74.07	75.30	76.94	78.68	70.89	74.54
South Shetland.....	80.51	80.40	84.03	79.84	80.19	81.11	78.59	76.95	78.21	76.47
South Orkney.....							—	75.07	69.20	74.54
Pelagic whaling in Antarctic.....							—	—	—	—
Ross Sea.....	—	—	—	82.09	82.10	—	81.56	85.20	—	77.74

(cont.)

Table h (continued).

Kind of whale and whaling grounds.	1933- 1934.	1932- 1933.	1931- 1932.	1930- 1931.	1929- 1930.	1928- 1929.	1927- 1928.	1926- 1927.	1925- 1926.	1924- 1925.
	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.	Engl. feet.
Coast of Africa:—										
Natal	67.06	67.21	66.67	65.34	69.38	—	—	—	—	—
Hanglip	—	—	—	—	68.18	—	—	—	—	—
Walvis Bay	—	—	—	—	66.53	—	—	—	—	—
Saldanha Bay	—	—	—	—	66.80	—	—	—	—	—
Pelagic whaling in Arctic Alaska	75.33	74.24	73.47	75.73	73.42	—	—	—	—	—
	—	—	—	—	74.21	—	—	—	—	—
Fin-whales.										
South Georgia	64.44	63.96	62.16	65.74	66.05	—	66.69	69.12	67.42	66.65
South Shetland	—	—	—	—	—	—	62.79	64.63	65.75	66.30
South Orkney	68.99	68.71	69.95	65.46	65.15	—	—	62.36	62.35	66.57
Pelagic whaling in Ant- arctic	—	—	—	—	—	—	—	—	—	—
Ross Sea	—	—	—	69.89	71.17	—	—	—	—	—
Coast of Africa:—										
Natal	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 ..	59.65	59.40	—	—	60.16	—	—	—	—	—
Alaska and Br. Columbia	56.44	—	—	—	55.93	—	—	—	—	—
Japan and Corea	—	—	—	—	55.15	—	—	—	—	—

Oslo, 14th of June 1935.

Gunnar Jahn.

Johan Hjort.

Sigurd Risting.

Table No. 1.—Whaling in 1933/34 and summer 1934.

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	536	1,728	92	—	7	—	2,363	Barrel = ¹ / ₆ ton. ¹)	2	—	11
Antarctic, others (pelagic)	16,813	5,472	780	—	659	—	23,724	2,263,357	—	19	115
Coast of Africa:—											
Coast of Natal . .	70	536	514	30	422	²) 2	1,574	60,924	2	—	17
Coast of Congo . .	1	21	724	27	45	—	818	21,435	—	—	—
North Atlantic and Arctic:—										1	4
Off Gibraltar	—	66	—	—	5	—	71	1,180	—	—	—
Portugal (Azores)	—	—	—	—	82	³) 158	240	—	—	—	—
Faroe Islands	2	74	—	13	7	—	96	3,013	1	—	2
Coast of Norway . .	—	132	—	172	4	—	308	6,305	2	—	6
Coast of West Greenland	2	23	2	—	—	—	27	—	—	—	1
North Atlantic and Arctic, pe- lagic	21	128	3	—	—	—	152	6,720	—	1	4
Pacific (north):—											
Alaska	—	—	—	—	—	⁴) 464	464	18,600	2	—	7
British Columbia	—	—	—	—	—	⁴) 350	350	18,300	2	—	6
California	—	—	—	—	—	⁴) 205	205	6,200	—	1	2
Coast of Kamtchatka	2	150	51	1	74	⁵) 61	339	12,168	—	1	3
Coast of Japan and Corea	21	287	59	298	357	⁴) 414	1,436	22,766	—	—	21
Total	17,468	8,617	2,225	541	1,662	1,654	32,167	2,573,155	11	23	199

¹) 1 ton = 1,016 kg. ²) Right-whales. ³) Different kinds of small whales. ⁴) No specification. ⁵) 54 grey-whales (Calif. Grey), 6 bottlenoses and 1 "Minke-whale."

Table No. 2.—Norwegian whaling in 1933/34 and summer 1934.

Geographical areas.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
Antarctic, pelagic . .	8,727	2,718	309	—	554	—	12,308	Barrel = ¹ / ₆ ton.	—	11	64
Coast of Congo	1	21	724	27	45	—	818	21,435	—	1	4
Off Gibraltar	—	66	—	—	5	—	71	1,180	—	—	—
Coast of Norway . . .	—	132	—	172	4	—	308	6,305	2	—	6
North Atlantic and Arctic, pelagic	21	128	3	—	—	—	152	6,720	—	1	4
Total	8,749	3,065	1,036	199	608	—	13,657	1,253,694	2	13	78

Table No. 3.—British whaling in 1933/34 and summer 1934.

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.....	253	927	38	—	6	—	1,224	Barrel = 1/6 ton. 66,397	1	—	5
Antarctic, pelagic..	8,086	2,754	471	—	105	—	11,416	1,045,303	—	8	51
Coast of Natal....	70	536	514	30	422	¹⁾ 2	1,574	60,924	2	—	17
British Columbia..	—	—	—	—	—	²⁾ 350	350	18,300	2	—	6
Total	8,409	4,217	1,023	30	533	352	14,564	1,190,924	5	8	79

¹⁾ Right-whales. ²⁾ No specification.

Table No. 4.—Whaling of other countries in 1933/34 and summer 1934.

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.....	283	801	54	—	1	—	1,139	Barrel = 1/6 ton. 65,790	1	—	6
Portugal (Azores)..	—	—	—	—	82	¹⁾ 158	240	—	—	—	—
Faroe Islands.....	2	74	—	13	7	—	96	3,013	1	—	2
Coast of West Greenland.....	2	23	2	—	—	—	27	—	—	—	1
Alaska.....	—	—	—	—	—	³⁾ 464	464	18,600	2	—	7
California.....	—	—	—	—	—	³⁾ 205	205	6,200	—	1	2
Coast of Kamtchatka	2	150	51	1	74	²⁾ 61	339	12,168	—	1	3
Coast of Japan and Corea.....	21	287	59	298	357	³⁾ 414	1,436	22,766	—	—	21
Total	310	1,335	166	312	521	1,302	3,946	128,537	4	2	42

¹⁾ Different kinds of small whales. ²⁾ 54 grey-whales (Calif. Grey), 6 bottlenoses, and 1 "Minke-whale". ³⁾ No specification.

Table No. 5.—Whaling results for the various countries in 1933/34 and summer 1934.

Countries.	Species of whales caught.							Oil production.	Expeditions.		
	Blue.	Fin.	Hump-back.	Sei.	Sperm.	Others.	Total of whales.		Shore stations.	Floating factories.	Catchers.
Norway.....	8,749	3,065	1,036	199	608	—	13,657	Barrel = 1/6 ton. 1,253,694	2	13	78
British Empire....	8,409	4,217	1,023	30	533	¹⁾ 352	14,564	1,190,924	5	8	79
Argentina.....	283	801	54	—	1	—	1,139	65,790	1	—	6
Denmark.....	4	97	2	13	7	—	123	3,013	1	—	3
Japan.....	21	287	59	298	357	⁴⁾ 414	1,436	22,766	—	—	21
Portugal (Azores) ..	—	—	—	—	82	²⁾ 158	240	—	—	—	—
Russia.....	2	150	51	1	74	³⁾ 61	339	12,168	—	1	3
United States.....	—	—	—	—	—	⁴⁾ 669	669	24,800	2	1	9
Total	17,468	8,617	2,225	541	1,662	1,654	32,167	2,573,155	11	23	199

¹⁾ 2 right-whales and 350 without specification. ²⁾ Different kinds of small whales. ³⁾ 54 grey-whales (Calif. Grey), 6 bottlenoses and 1 "Minke-whale." ⁴⁾ No specification.

Table No. 6.—Average size of whales caught in the season 1933/34 and summer 1934.

Geographical areas. Number of whales measured.	Company.	Average size.		
		Males.	Females.	Total animals.
		Engl. feet.	Engl. feet.	Engl. feet.
A. Blue-whales.				
<i>South Georgia</i>	No. 1	73.18	74.05	73.68
Males 223 } Total 534.	" 2	69.50	72.96	71.55
Females 311 }				
Average		71.48	73.52	72.67
<i>Antarctic, others</i> (pelagic whaling)	No. 1	81.64	85.43	83.67
Males 9,257 } Total 16,792.	" 2	81.67	84.04	82.49
Females 7,535 }	" 3	80.68	83.83	82.13
	" 4	80.09	83.91	81.64
	" 5	80.34	83.29	81.64
	" 6	80.08	83.47	81.45
	" 7	79.93	83.04	81.37
	" 8	79.21	83.33	80.87
	" 9	79.54	82.51	80.82
	" 10	79.20	82.64	80.68
	" 11	78.43	81.98	80.21
	" 12	77.99	81.14	79.91
	" 13	77.72	81.20	79.51
	" 14	78.00	81.00	79.35
	" 15	77.86	80.79	79.26
	" 16	78.09	80.01	78.92
	" 17	77.43	80.20	78.75
	" 18	77.68	79.38	78.41
	" 19	76.24	79.95	78.06
Average		79.17	82.16	80.51
<i>Coast of Natal</i>	No. 1	66.97	67.13	67.06
Males 30 } Total 70.				
Females 40 }				
<i>Pelagic whaling in North Atlantic and Arctic</i>	No. 1	74.18	80.25	75.33
Males 17 } Total 21.				
Females 4 }				
B. Fin-whales.				
<i>South Georgia</i>	No. 1	64.19	65.63	64.85
Males 895 } Total 1,728.	" 2	62.88	65.26	64.08
Females 833 }				
Average		63.52	65.42	64.44

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 2,856 } Total 5,471. Females 2,615 }	No. 1	71.00	74.00	73.50
	" 2	70.49	73.69	71.75
	" 3	69.46	73.58	71.43
	" 4	68.43	73.11	70.99
	" 5	68.97	73.11	70.96
	" 6	67.32	71.95	70.33
	" 7	68.82	72.03	70.32
	" 8	68.50	69.59	68.97
	" 9	67.83	70.62	68.97
	" 10	67.11	71.04	68.93
	" 11	66.94	70.63	68.81
	" 12	68.05	69.52	68.81
	" 13	67.19	70.09	68.60
	" 14	66.91	69.92	68.51
	" 15	66.40	69.82	68.23
	" 16	65.27	70.18	68.13
	" 17	66.21	69.86	67.77
	" 18	66.38	68.25	67.08
	" 19	65.21	67.36	66.12
Average		67.46	70.65	68.99
<i>Coast of Natal</i>	No. 1	59.69	60.49	60.03
Males 306 } Total 536. Females 230 }				
<i>Coast of Norway</i>	No. 1	58.86	61.09	59.72
Males 57 } Total 132. Females 75 }	" 2	61.35	62.42	62.13
Average		59.74	62.01	61.03
<i>Faroe Islands</i>	No. 1	56.50	57.80	57.20
Males 34 } Total 74. Females 40 }				
<i>Pelagic whaling in North Atlantic and Arctic</i>	No. 1	60.14	63.12	61.66
Males 63 } Total 128. Females 65 }				

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 British Columbia</i>	No. 1	54.67	58.00	56.44
Males 9 } Total 17. Females 8 }				
<u>C. Humpbacks.</u>				
<i>South Georgia</i>	No. 1	38.65	40.39	39.65
Males 38 } Total 92. Females 54 }	„ 2	37.00	36.39	36.63
<i>Antarctic, others</i> (pelagic whaling)	No. 1	41.83	46.46	44.57
	„ 2	42.86	43.30	43.12
	„ 3	40.10	43.88	43.00
	„ 4	38.83	42.66	42.00
	„ 5	37.75	42.83	40.80
	„ 6	38.47	41.69	40.52
	„ 7	38.00	41.14	40.20
	„ 8	38.50	40.33	39.65
	„ 9	36.95	41.26	39.35
	„ 10	38.36	39.18	38.74
	„ 11	39.18	38.58	38.71
	„ 12	36.60	41.50	38.00
	„ 13	37.04	38.73	37.66
	„ 14	36.45	38.20	37.00
	„ 15	34.19	34.40	34.23

Table No. 7.—Whales caught in the season 1933/34 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.	
53	1	1	2	83	623	473	1,096
54	—	1	1	84	515	576	1,091
57	—	1	1	85	413	671	1,084
59	2	2	4	86	218	504	722
60	—	1	1	87	144	446	590
61	8	5	13	88	83	375	458
62	7	7	14	89	46	217	263
63	16	9	25	90	40	351	391
64	22	25	47	91	11	142	153
65	31	27	58	92	8	123	131
66	64	58	122	93	2	78	80
67	75	62	137	94	2	54	56
68	95	86	181	95	1	29	30
69	90	86	176	96	1	12	13
70	152	103	255	97	—	10	10
71	179	134	313	98	—	3	3
72	205	166	371	99	—	2	2
73	214	163	377	100	—	1	1
74	217	158	375				
75	339	187	526	Sum	9,480	7,846	17,326
76	734	340	1,074	Average size { Males: 78.99 feet Females: 81.81 " Total animals: 80.27 "			
77	615	267	882				
78	825	277	1,102	Per cent { Males: 54.72 Females: 45.28			
79	761	271	1,032				
80	1,203	493	1,696				
81	794	383	1,177				
82	724	466	1,190				

Fin-whales.

47	—	1	1	70	308	280	588
49	2	1	3	71	170	274	444
50	3	1	4	72	136	352	488
51	2	4	6	73	95	283	378
52	6	4	10	74	75	256	331
53	8	7	15	75	51	233	284
54	24	12	36	76	19	118	137
55	26	8	34	77	7	59	66
56	39	19	58	78	8	44	52
57	36	27	63	79	1	34	35
58	54	40	94	80	1	17	18
59	54	49	103	81	1	7	8
60	91	77	168	82	—	3	3
61	124	83	207	83	—	4	4
62	148	94	242	84	—	1	1
63	174	93	267	Sum	3,751	3,448	7,199
64	248	133	381	Average size { Males: 66.52 feet Females: 69.39 " Total animals: 67.90 "			
65	249	97	346				
66	412	181	593	Per cent { Males: 52.10 Females: 47.90			
67	356	155	511				
68	465	182	647				
69	358	215	573				

Table No. 7 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
24	1	1	2	43	11	40	51
25	1	-	1	44	6	40	46
26	-	1	1	45	10	31	41
27	1	1	2	46	3	31	34
28	1	2	3	47	2	32	34
29	3	2	5	48	6	20	26
30	7	7	14	49	2	8	10
31	6	2	8	50	1	7	8
32	10	6	16	51	-	2	2
33	12	13	25	52	1	-	1
34	15	7	22	53	-	1	1
35	45	15	60				
36	32	20	52	Sum	365	497	862
37	29	20	49				
38	44	34	78	Average size	Males: 37.99 feet		
39	26	29	55		Females: 41.32 "		
40	45	54	99		Total animals: 39.91 "		
41	18	33	51	Per cent	Males: 42.34		
42	27	38	65		Females: 57.66		

a. South Georgia.

Blue-whales.

53	1	-	1	80	4	11	15
57	-	1	1	81	2	5	7
59	2	2	4	82	5	6	11
61	5	4	9	83	2	7	9
62	4	4	8	84	5	12	17
63	6	7	13	85	3	11	14
64	15	18	33	86	-	6	6
65	5	4	9	87	1	6	7
66	19	17	36	88	-	2	2
67	11	11	22	89	-	4	4
68	10	21	31	90	-	2	2
69	15	24	39	91	-	1	1
70	7	9	16	93	-	1	1
71	12	22	34	Sum	223	311	534
72	15	15	30				
73	9	12	21				
74	19	20	39	Average size	Males: 71.48 feet		
75	6	11	17		Females: 73.52 "		
76	14	5	19		Total animals: 72.67 "		
77	7	13	20	Per cent	Males: 41.76		
78	11	9	20		Females: 58.24		
79	8	8	16				

Table No. 7 (continued).

Fin-whales.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.	
	males.	females.			males.	females.		
47	—	1	1	69	35	52	87	
49	2	1	3	70	17	24	41	
50	3	—	3	71	16	54	70	
51	2	4	6	72	12	39	51	
52	6	3	9	73	4	24	28	
53	7	5	12	74	3	37	40	
54	19	10	29	75	2	7	9	
55	10	3	13	76	2	3	5	
56	18	13	31	77	1	2	4	
57	23	17	40	78	—	1	1	
58	33	23	56	79	—	2	2	
59	37	34	71	Sum	895	833	1,728	
60	31	33	64	Average size { Males: 63.52 feet Females: 65.42 " Total animals: 64.44 " Per cent { Males: 51.79 Females: 48.21				
61	71	45	116					
62	73	56	129					
63	71	47	118					
64	111	78	189					
65	43	26	69					
66	114	81	195					
67	56	47	103					
68	73	60	133					

Humpbacks.

29	—	1	1	45	—	2	2	
30	3	3	6	47	1	3	4	
31	1	1	2	48	1	2	3	
32	3	4	7	49	—	1	1	
33	—	4	4	50	1	1	2	
34	3	1	4	52	1	—	1	
35	5	4	9	Sum	38	54	92	
36	2	2	4	Average size { Males: 38.00 feet Females: 38.69 " Total animals: 38.40 " Per cent { Males: 41.30 Females: 58.70				
37	3	1	4					
38	2	4	6					
39	1	4	5					
40	4	6	10					
41	—	4	4					
42	6	1	7					
43	1	4	5					
44	—	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.	
53	—	1	1	84	510	564	1,074
54	—	1	1	85	410	660	1,070
60	—	1	1	86	218	498	716
61	3	1	4	87	143	440	583
62	3	3	6	88	83	373	456
63	10	2	12	89	46	213	259
64	7	7	14	90	40	349	389
65	26	23	49	91	11	141	152
66	45	41	86	92	8	123	131
67	64	51	115	93	2	77	79
68	85	65	150	94	2	54	56
69	75	62	137	95	1	29	30
70	145	94	239	96	1	12	13
71	167	112	279	97	—	10	10
72	190	151	341	98	—	3	3
73	205	151	356	99	—	2	2
74	198	138	336	100	—	1	1
75	333	176	509				
76	720	335	1,055	Sum	9,257	7,535	16,792
77	608	254	862				
78	814	268	1,082	Average size	{	Males: 79.17 feet	
79	753	263	1,016		{	Females: 82.16 "	
80	1,199	482	1,681		{	Total animals: 80.51 "	
81	792	378	1,170	Per cent	{	Males: 55.13	
82	719	460	1,179		{	Females: 44.87	
83	621	466	1,087				

Fin-whales.

50	—	1	1	72	124	313	437
52	—	1	1	73	91	259	350
53	1	2	3	74	72	219	291
54	5	2	7	75	49	226	275
55	16	5	21	76	17	115	132
56	21	6	27	77	6	56	62
57	13	10	23	78	8	43	51
58	21	17	38	79	1	32	33
59	17	15	32	80	1	17	18
60	60	44	104	81	1	7	8
61	53	38	91	82	—	3	3
62	75	38	113	83	—	4	4
63	103	46	149	84	—	1	1
64	137	55	192				
65	206	71	277	Sum	2,856	2,615	5,471
66	298	100	398				
67	300	108	408	Average size	{	Males: 67.46 feet	
68	392	122	514		{	Females: 70.65 "	
69	323	163	486		{	Total animals: 68.99 "	
70	291	256	547	Per cent	{	Males: 52.20	
71	154	220	374		{	Females: 47.80	

Table No. 7 (continued).

Humpbacks.

Engl. feet.	Number of		Total animals.	Engl. feet.	Number of		Total animals.
	males.	females.			males.	females.	
24	1	1	2	43	10	36	46
25	1	—	1	44	6	39	45
26	—	1	1	45	10	29	39
27	1	1	2	46	3	31	34
28	1	2	3	47	1	29	30
29	3	1	4	48	5	18	23
30	4	4	8	49	2	7	9
31	5	1	6	50	—	6	6
32	7	2	9	51	—	2	2
33	12	9	21	53	—	1	1
34	12	6	18	Sum	327	443	770
35	40	11	51	Average size { Males: 37.99 feet			
36	30	18	48	{ Females: 41.64 "			
37	26	19	45	{ Total animals: 40.09 "			
38	42	30	72	Per cent { Males: 42.47			
39	25	25	50	{ Females: 57.53			
40	41	48	89				
41	18	29	47				
42	21	37	58				

Table No. 8.—Whales caught in the season 1933/34 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)	1,037	5.99
„ 2. (71 feet to 85 feet).....	13,386	77.26
„ 3. (above 85 feet).....	2,903	16.75
	17,326	100.00
Immature males	1,161	12.25
„ females	1,622	20.66
„ animals	2,783	16.06
Mature males	8,319	87.75
„ females.....	6,224	79.34
„ animals	14,543	83.94

Table No. 8 (continued).

Fin-whales.

	Number of whales.	Per cent.
Group 1. (55 feet and less)	109	1.51
„ 2. (56 feet to 65 feet).....	1,929	26.80
„ 3. (above 65 feet).....	5,161	71.69
	7,199	100.00
Immature males	617	16.45
„ females.....	653	18.94
„ animals	1,270	17.64
Mature males	3,134	83.55
„ females.....	2,795	81.06
„ animals	5,929	82.36

a. South Georgia.**Blue-whales.**

Group 1. (70 feet and less)	222	41.57
„ 2. (71 feet to 85 feet).....	289	54.12
„ 3. (above 85 feet).....	23	4.31
	534	100.00
Immature males	136	60.99
„ females.....	207	66.56
„ animals	343	64.23
Mature males	87	39.01
„ females.....	104	33.44
„ animals	191	35.77

Fin-whales.

Group 1. (55 feet and less)	76	4.40
„ 2. (56 feet to 65 feet)	883	51.10
„ 3. (above 65 feet)	769	44.50
	1,728	100.00
Immature males	335	37.43
„ females.....	373	44.78
„ animals	708	40.97
Mature males	560	62.57
„ females	460	55.22
„ animals	1,020	59.03

Table No. 8 (continued).

b. Antarctic, pelagic whaling.**Blue-whales.**

	Number of whales.	Per cent.
Group 1. (70 feet and less).....	815	4.85
„ 2. (71 feet to 85 feet).....	13,097	78.00
„ 3. (above 86 feet).....	2,880	17.15
	16,792	100.00
Immature males.....	1,025	11.07
„ females.....	1,415	18.78
„ animals.....	2,440	14.53
Mature males.....	8,232	88.93
„ females.....	6,120	81.22
„ animals.....	14,352	85.47

Fin-whales.

Group 1. (55 feet and less).....	33	0.60
„ 2. (56 feet to 65 feet).....	1,046	19.12
„ 3. (above 65 feet).....	4,392	80.28
	5,471	100.00
Immature males.....	282	9.87
„ females.....	280	10.71
„ animals.....	562	10.27
Mature males.....	2,574	90.13
„ females.....	2,335	89.29
„ animals.....	4,909	89.73

Table No. 9.—Average production of oil per blue whale in the season 1933/34 and summer 1934.

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	705.1	Barrel = $\frac{1}{6}$ ton. ¹⁾ 65,719	Barrel = $\frac{1}{6}$ ton. ¹⁾ 93.2
	„ 2	731.7	66,209	90.5
	Average	—	—	91.8
<i>Antarctic, others</i> (pelagic whaling)	No. 1	795.3	98,751	124.2
	„ 2	689.4	84,060	121.9
	„ 3	821.4	98,272	119.6
	„ 4	1,638.5	193,650	118.2
	„ 5	1,423.1	167,445	117.7
	„ 6	796.1	93,225	117.1
	„ 7	1,002.8	117,292	116.9
	„ 8	1,100.7	126,870	115.3
	„ 9	1,151.0	131,917	114.6
	„ 10	1,122.0	128,000	114.1
	„ 11	890.9	101,500	113.9
	„ 12	880.3	100,057	113.7
	„ 13	992.6	112,900	113.7
	„ 14	1,154.5	130,100	112.7
	„ 15	807.9	89,763	111.1
	„ 16	964.5	105,052	108.9
	„ 17	546.3	54,800	100.3
	„ 18	2,311.7	223,680	96.8
	„ 19	772.0	66,041	85.6
Average	—	—	—	111.9
	Companies adjoined the production agreement.	16,231.0	1,878,764	115.7
	Companies not adjoined (2 British comp. and 1 Norwegian).			
		3,630.0	344,521	94.9
<i>Coast of Natal</i>	No. 1	548.6	47,332	86.3
<i>Coast of Norway</i>	No. 1	34.3	2,196	64.0
	„ 2	60.3	4,000	66.3
	verage	—	—	65.5
<i>Faroe Islands</i>	No. 1	41.2	2,600	63.1
<i>Pelagic whaling in North Atlantic and Arctic</i>	No. 1	86.2	6,720	78.0

¹⁾ 1 ton = 1,016 kg.

Table No. 10.—Whale foetuses.

I. Blue-whale foetuses
measured in the Southern Seas in the season 1933/34.

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.	
25/10 33	83	2' 6"	M	31/10 33	80	3' 0"	M	7/11 33	81	3' 6"	F
" "	82	2' 6"	M	" "	83	3' 0"	F	" "	80	3' 0"	F
" "	91	4' 6"	F	" "	83	4' 0"	F	" "	83	1' 6"	F
" "	89	5' 0"	F	" "	84	2' 0"	M	" "	90	2' 0"	F
" "	83	5' 0"	M	" "	82	2' 0"	M	" "	86	2' 0"	M
" "	89	2' 0"	M	" "	94	9' 0"	F	8/11 "	87	5' 0"	M
" "	85	6' 0"	M	" "	86	1' 6"	M	" "	84	4' 6"	F
26/10 "	81	5' 0"	M	" "	87	3' 0"	F	" "	82	2' 0"	M
" "	87	4' 0"	M	" "	85	3' 0"	F	" "	81	2' 0"	M
" "	75	4' 0"	M	1/11 "	87	3' 0"	M	" "	88	4' 0"	M
27/10 "	86	2' 0"	M	" "	77	6' 0"	M	" "	81	1' 6"	F
" "	87	2' 6"	M	" "	84	3' 0"	F	" "	82	6' 0"	M
" "	87	2' 6"	F	" "	75	8' 0"	M	" "	87	6' 0"	M
" "	87	3' 0"	F	" "	86	3' 0"	M	" "	85	4' 0"	M
" "	87	4' 0"	F	3/11 "	88	4' 0"	F	" "	80	3' 0"	M
" "	85	3' 0"	F	" "	85	3' 0"	F	" "	90	6' 6"	F
" "	80	2' 0"	M	" "	84	2' 0"	F	" "	85	5' 0"	M
" "	84	2' 0"	M	" "	80	2' 0"	F	" "	86	1' 6"	M
" "	85	2' 0"	F	" "	81	1' 6"	M	" "	85	7' 0"	M
" "	90	3' 0"	M	" "	86	1' 6"	F	" "	89	1' 0"	F
28/10 "	81	6' 0"	M	" "	91	7' 6"	F	9/11 "	82	4' 0"	F
" "	78	1' 6"	M	" "	76	3' 0"	M	" "	80	2' 0"	F
" "	88	7' 0"	F	" "	71	6' 0"	M	" "	87	6' 0"	M
" "	83	6' 0"	M	" "	84	2' 0"	M	" "	80	1' 6"	M
" "	83	3' 0"	F	3/11 "	82	1' 6"	F	" "	83	1' 0"	F
" "	82	4' 6"	M	" "	83	3' 0"	F	10/11 "	86	4' 0"	M
" "	68	1' 0"	M	4/11 "	85	2' 0"	M	" "	83	6' 0"	M
29/10 "	88	3' 0"	F	" "	84	4' 0"	M	" "	77	4' 0"	F
" "	84	6' 0"	M	" "	88	2' 6"	M	" "	85	3' 0"	M
" "	80	3' 6"	F	" "	74	5' 6"	M	" "	85	3' 0"	M
" "	92	7' 0"	F	" "	82	3' 0"	F	" "	90	4' 6"	M
" "	88	2' 0"	M	" "	86	6' 0"	F	" "	84	3' 0"	F
" "	85	2' 0"	M	" "	85	5' 0"	M	" "	82	5' 6"	F
" "	77	1' 6"	F	5/11 "	85	2' 0"	M	" "	91	5' 0"	M
30/10 "	88	2' 6"	M	" "	85	5' 0"	M	" "	86	4' 0"	F
" "	92	5' 0"	F	" "	89	5' 0"	F	" "	87	2' 0"	M
" "	85	2' 0"	M	" "	83	4' 0"	M	" "	80	0' 6"	F
" "	75	2' 0"	F	" "	85	4' 0"	F	11/11 "	90	2' 0"	M
" "	88	4' 0"	M	" "	81	2' 0"	M	" "	93	6' 0"	F
" "	82	3' 0"	M	" "	87	3' 0"	M	" "	89	6' 0"	F
" "	86	3' 0"	M	" "	90	6' 0"	F	" "	89	3' 0"	M
" "	81	3' 7"	M	" "	85	5' 0"	M	" "	87	6' 0"	M
" "	92	3' 0"	F	" "	86	2' 0"	M	" "	86	5' 0"	M
" "	82	2' 0"	M	" "	80	1' 0"	F	" "	86	1' 0"	F
" "	85	3' 6"	M	6/11 "	87	6' 0"	M	" "	83	0' 3"	M
" "	85	3' 9"	F	" "	81	4' 0"	M	12/11 "	83	4' 0"	M
31/10 "	87	3' 0"	M	" "	91	4' 0"	F	" "	88	2' 2"	M
" "	85	4' 0"	M	" "	87	8' 0"	F	" "	83	6' 0"	F
" "	86	6' 0"	M	" "	83	2' 0"	F	" "	85	7' 0"	M
" "	87	2' 6"	F	" "	86	1' 0"	F	" "	84	6' 0"	M
" "	87	4' 6"	F	" "	90	2' 6"	M	" "	88	6' 0"	F
" "	84	5' 0"	M	7/11 "	87	2' 0"	M	" "	79	4' 0"	F
" "	81	2' 0"	M	" "	83	3' 0"	F	" "	94	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.	
12/11 33	84	3' 0"	F	16/11 33	93	5' 0"	F	21/11 33	84	4' 0"	M
" "	87	4' 0"	F	17/11 "	84	4' 0"	F	" "	84	4' 0"	F
" "	88	3' 6"	M	" "	86	2' 0"	F	" "	86	1' 6"	F
" "	79	2' 0"	F	" "	82	3' 0"	F	" "	84	1' 0"	F
" "	94	7' 0"	F	" "	79	4' 0"	F	" "	89	6' 0"	F
" "	90	2' 0"	F	" "	81	7' 0"	M	" "	87	10' 0"	M
" "	82	3' 0"	M	" "	82	3' 0"	F	" "	83	4' 0"	F
" "	94	3' 0"	F	" "	84	5' 0"	M	" "	77	7' 0"	F
" "	85	1' 6"	F	" "	90	7' 0"	M	" "	80	9' 0"	F
" "	81	1' 0"	F	" "	84	5' 0"	M	" "	86	4' 0"	M
13/11 "	87	5' 0"	F	" "	82	3' 0"	F	" "	83	8' 0"	F
" "	85	5' 0"	M	" "	84	6' 0"	M	" "	92	1' 0"	F
" "	88	5' 0"	F	" "	87	7' 0"	M	" "	85	5' 0"	F
" "	85	5' 0"	F	" "	83	6' 0"	M	" "	84	4' 6"	M
" "	83	5' 0"	M	" "	81	4' 0"	F	" "	88	2' 0"	F
" "	84	5' 0"	M	" "	89	3' 0"	F	22/11 "	90	3' 0"	F
" "	93	8' 0"	M	" "	86	7' 0"	M	" "	85	4' 0"	M
" "	91	6' 0"	F	" "	90	2' 0"	F	" "	86	6' 0"	M
" "	89	6' 0"	M	18/11 "	79	5' 0"	M	" "	84	5' 0"	M
" "	86	3' 0"	F	" "	87	5' 0"	F	" "	85	5' 0"	M
" "	90	11' 0"	F	" "	83	5' 0"	M	" "	89	5' 0"	M
" "	86	5' 0"	F	" "	88	3' 0"	M	" "	81	4' 0"	F
" "	82	3' 0"	F	" "	89	3' 0"	M	" "	74	1' 2"	M
" "	93	4' 6"	M	" "	81	5' 0"	M	" "	90	7' 0"	F
" "	88	1' 0"	M	" "	88	6' 2"	F	" "	84	5' 0"	M
" "	82	3' 0"	M	" "	79	5' 0"	F	" "	83	3' 0"	F
" "	84	5' 0"	M	" "	84	4' 6"	M	" "	84	2' 0"	F
" "	85	7' 0"	F	" "	88	2' 0"	F	" "	90	5' 0"	M
" "	88	9' 0"	M	19/11 "	84	8' 0"	M	" "	81	2' 6"	M
" "	86	1' 6"	M	" "	84	6' 0"	F	23/11 "	86	4' 0"	M
" "	84	2' 0"	M	" "	87	6' 0"	M	" "	89	8' 0"	F
14/11 "	87	4' 0"	M	" "	84	5' 0"	M	" "	79	4' 0"	M
" "	85	4' 0"	F	" "	83	2' 6"	F	" "	83	4' 0"	F
" "	82	8' 0"	M	" "	89	4' 0"	M	" "	87	8' 0"	F
" "	92	6' 0"	F	" "	84	6' 0"	F	" "	85	4' 0"	F
" "	84	3' 0"	M	" "	82	7' 0"	M	" "	89	9' 0"	F
" "	81	2' 0"	F	" "	78	5' 0"	M	" "	88	4' 0"	M
" "	82	6' 0"	M	" "	81	3' 0"	M	" "	86	5' 0"	M
" "	82	4' 0"	M	" "	89	7' 0"	M	" "	82	4' 0"	F
" "	90	3' 6"	F	20/11 "	78	7' 0"	F	" "	88	5' 0"	F
" "	86	6' 0"	F	" "	86	6' 0"	F	" "	81	4' 0"	F
" "	82	4' 0"	M	" "	81	3' 0"	M	" "	90	7' 0"	M
" "	82	3' 0"	M	" "	86	5' 0"	F	" "	80	4' 0"	F
" "	87	6' 0"	M	" "	90	3' 0"	M	" "	76	5' 0"	F
15/11 "	85	5' 0"	M	" "	81	1' 6"	F	" "	79	2' 0"	M
" "	85	2' 0"	M	" "	90	1' 6"	M	" "	90	6' 0"	M
" "	81	6' 0"	F	" "	87	5' 0"	M	" "	87	4' 0"	M
" "	84	3' 0"	M	" "	86	4' 6"	M	" "	81	4' 6"	F
" "	81	4' 0"	F	" "	90	3' 0"	F	" "	86	10' 0"	M
" "	83	4' 0"	M	21/11 "	92	6' 0"	M	" "	81	4' 0"	F
" "	81	3' 0"	F	" "	86	12' 0"	F	" "	86	2' 0"	M
" "	84	6' 0"	M	" "	82	2' 0"	M	" "	85	3' 0"	F
" "	84	2' 6"	M	" "	87	8' 0"	M	" "	91	4' 0"	F
" "	94	2' 6"	F	" "	83	6' 0"	M	24/11 "	86	9' 0"	F
16/11 "	89	5' 0"	M	" "	84	4' 0"	F	" "	88	14' 0"	F
" "	81	6' 0"	M	" "	87	4' 0"	M	" "	86	8' 0"	F
" "	92	2' 0"	M	" "	80	5' 0"	F	" "	86	7' 0"	M
" "	75	7' 0"	M	" "	83	5' 0"	M	" "	85	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.	
	Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.			Engl. ft.	Engl. ft.	
24/11 33	88	1' 0"	M	27/11 33	82	6' 6"	M	30/11 33	84	3' 0"	M
" "	84	6' 0"	F	" "	84	7' 0"	M	" "	84	3' 6"	F
" "	87	5' 0"	F	" "	86	5' 0"	M	" "	86	2' 0"	M
" "	84	3' 0"	F	" "	80	4' 0"	F	1/12 "	90	4' 0"	F
" "	89	8' 0"	M	" "	82	5' 0"	F	" "	89	2' 6"	F
" "	83	1' 6"	M	" "	80	3' 0"	F	" "	93	4' 0"	M
" "	87	5' 0"	M	" "	83	4' 0"	M	" "	86	10' 0"	M
" "	93	5' 0"	M	" "	86	5' 0"	M	" "	82	3' 6"	F
25/11 "	86	6' 0"	M	28/11 "	83	6' 0"	M	" "	82	5' 0"	M
" "	87	8' 0"	F	" "	81	4' 0"	M	" "	86	6' 0"	M
" "	85	4' 0"	M	" "	79	7' 0"	M	" "	82	4' 0"	M
" "	87	6' 0"	F	" "	83	7' 0"	F	" "	88	9' 0"	M
" "	88	6' 0"	F	" "	85	7' 0"	M	" "	90	5' 0"	F
" "	90	3' 0"	F	" "	80	4' 0"	F	" "	82	3' 0"	F
" "	86	4' 0"	M	" "	88	8' 0"	F	" "	80	2' 0"	F
" "	84	7' 0"	M	" "	84	3' 0"	F	" "	82	4' 0"	F
" "	85	5' 6"	M	" "	78	6' 0"	F	" "	84	8' 0"	M
" "	91	6' 0"	M	" "	92	8' 0"	M	2/12 "	88	3' 0"	M
" "	85	3' 6"	F	" "	82	6' 0"	F	" "	89	6' 0"	M
" "	93	6' 0"	F	" "	82	4' 0"	F	" "	86	8' 0"	M
" "	86	5' 6"	M	" "	78	21' 6"	M	" "	89	8' 0"	F
" "	85	5' 6"	F	" "	81	3' 0"	F	" "	82	6' 0"	M
" "	79	2' 6"	M	" "	82	4' 0"	F	" "	86	6' 0"	M
26/11 "	85	4' 0"	F	29/11 "	86	7' 0"	M	" "	82	5' 0"	F
" "	85	4' 0"	M	" "	83	8' 0"	M	" "	79	10' 0"	M
" "	85	5' 0"	M	" "	88	3' 0"	F	" "	89	1' 6"	M
" "	85	5' 0"	F	" "	85	3' 0"	M	" "	88	3' 0"	M
" "	88	6' 0"	M	" "	81	5' 0"	M	" "	85	4' 0"	M
" "	91	9' 0"	F	" "	90	1' 6"	M	" "	86	3' 6"	F
" "	81	2' 0"	F	" "	89	9' 0"	M	" "	81	3' 0"	M
" "	85	8' 0"	F	" "	81	4' 0"	F	" "	84	4' 0"	F
" "	85	4' 0"	F	" "	82	4' 0"	M	3/12 "	86	7' 0"	M
" "	89	3' 0"	M	" "	83	4' 0"	M	" "	86	4' 0"	F
" "	81	4' 0"	M	" "	81	4' 0"	M	" "	78	5' 0"	F
" "	88	7' 0"	F	" "	82	3' 0"	M	" "	84	6' 0"	F
" "	82	5' 0"	M	" "	96	5' 0"	F	" "	84	5' 0"	M
" "	82	2' 0"	M	" "	83	3' 0"	F	" "	84	7' 0"	M
" "	88	9' 0"	M	" "	85	5' 0"	M	" "	87	6' 0"	M
" "	85	5' 0"	M	" "	84	4' 6"	M	" "	78	6' 0"	M
" "	87	2' 6"	M	" "	84	3' 6"	F	" "	82	5' 0"	F
" "	85	1' 6"	M	30/11 "	91	5' 0"	M	" "	82	6' 6"	M
" "	83	3' 0"	F	" "	88	4' 0"	M	" "	84	5' 6"	M
" "	89	4' 0"	F	" "	85	4' 0"	M	" "	91	10' 0"	M
27/11 "	82	5' 0"	M	" "	87	4' 0"	F	" "	85	8' 0"	M
" "	82	7' 0"	M	" "	87	11' 0"	M	" "	81	3' 0"	F
" "	82	7' 0"	F	" "	88	7' 0"	F	" "	81	2' 6"	M
" "	90	8' 0"	F	" "	86	6' 0"	F	4/12 "	88	7' 0"	F
" "	85	4' 0"	M	" "	87	4' 0"	M	" "	82	3' 0"	M
" "	80	3' 0"	M	" "	85	4' 0"	F	" "	93	6' 0"	M
" "	80	3' 0"	M	" "	77	5' 0"	F	" "	84	6' 6"	F
" "	86	5' 0"	F	" "	82	4' 0"	F	" "	85	8' 0"	F
" "	92	5' 0"	M	" "	79	5' 6"	M	" "	85	6' 6"	F
" "	86	3' 0"	F	" "	81	4' 0"	M	" "	88	2' 0"	M
" "	87	3' 0"	M	" "	80	4' 0"	M	" "	91	11' 0"	M
" "	85	4' 0"	M	" "	78	3' 0"	F	" "	90	6' 0"	F
" "	85	3' 0"	F	" "	78	5' 0"	F	" "	91	5' 0"	M
" "	79	2' 0"	F	" "	76	1' 6"	F	" "	90	6' 0"	M
" "	79	4' 0"	F	" "	77	1' 0"	F	" "	72	1' 6"	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 33	88	4' 6"	M	⁷ / ₁₂ 33	85	5' 0"	M	¹⁰ / ₁₂ 33	83	8' 0"	F
" "	78	3' 0"	F	" "	84	4' 0"	F	" "	84	4' 6"	M
" "	85	4' 0"	F	" "	77	8' 0"	M	" "	82	8' 0"	F
" "	83	5' 0"	M	" "	80	4' 0"	M	" "	88	9' 0"	F
" "	75	1' 0"	M	" "	78	5' 0"	F	" "	80	10' 0"	M
" "	84	3' 6"	M	" "	79	7' 0"	M	" "	79	8' 0"	M
" "	91	4' 6"	F	" "	83	6' 0"	M	" "	83	9' 3"	F
⁵ / ₁₂ "	87	7' 0"	M	" "	78	4' 0"	M	" "	84	4' 0"	M
" "	86	6' 0"	F	" "	80	2' 0"	M	" "	82	6' 6"	F
" "	86	5' 0"	M	" "	87	5' 0"	M	" "	71	6' 6"	M
" "	84	5' 0"	M	" "	89	1' 0"	F	" "	86	4' 0"	M
" "	85	5' 0"	M	" "	85	8' 0"	F	" "	83	3' 6"	F
" "	83	3' 6"	M	" "	89	5' 0"	M	" "	89	6' 6"	M
" "	84	5' 0"	F	" "	90	5' 0"	F	" "	84	4' 6"	M
" "	80	7' 0"	M	" "	77	1' 0"	F	" "	79	3' 0"	F
" "	84	2' 6"	M	" "	88	2' 0"	F	" "	88	4' 0"	F
" "	81	5' 0"	M	" "	83	2' 0"	M	¹¹ / ₁₂ "	87	4' 0"	M
" "	88	7' 0"	F	⁸ / ₁₂ "	86	8' 0"	M	" "	86	7' 0"	M
" "	87	7' 0"	F	" "	88	9' 0"	M	" "	87	7' 0"	M
" "	84	5' 0"	M	" "	85	7' 0"	F	" "	84	1' 6"	F
" "	85	7' 0"	F	" "	84	6' 0"	F	" "	87	5' 0"	M
" "	79	11' 0"	M	" "	80	5' 0"	M	" "	86	7' 0"	M
" "	83	6' 0"	M	" "	82	8' 0"	M	" "	75	3' 0"	M
" "	84	5' 0"	M	" "	91	4' 0"	M	" "	88	10' 0"	M
" "	85	4' 0"	M	" "	82	4' 0"	F	" "	84	{ 7' 0"	M
" "	82	4' 0"	F	" "	81	8' 0"	M	" "	84	{ 7' 0"	F
" "	90	5' 6"	F	" "	90	6' 0"	M	" "	84	5' 0"	M
" "	89	6' 0"	M	" "	85	3' 6"	F	" "	94	2' 0"	M
" "	86	5' 0"	M	" "	84	3' 6"	M	" "	90	8' 0"	M
" "	86	3' 0"	F	" "	86	4' 0"	F	" "	87	{ 7' 0"	M
" "	73	1' 0"	M	" "	79	3' 6"	F	" "	87	{ 7' 0"	F
" "	81	3' 0"	F	" "	87	7' 0"	F	" "	84	3' 6"	F
⁶ / ₁₂ "	87	6' 0"	F	⁹ / ₁₂ "	83	7' 0"	F	" "	84	8' 0"	F
" "	86	5' 0"	M	" "	90	12' 0"	M	" "	92	4' 0"	F
" "	90	6' 0"	F	" "	83	4' 0"	F	" "	80	3' 0"	F
" "	90	7' 0"	M	" "	87	2' 6"	F	" "	85	6' 0"	M
" "	84	6' 0"	F	" "	86	6' 0"	F	" "	81	5' 0"	M
" "	87	13' 0"	M	" "	87	5' 0"	M	" "	91	8' 0"	F
" "	85	7' 0"	F	" "	90	2' 0"	F	" "	82	6' 0"	M
" "	85	8' 0"	F	" "	87	6' 0"	M	" "	76	3' 0"	M
" "	79	6' 0"	F	" "	87	4' 0"	M	¹² / ₁₂ "	84	7' 0"	F
" "	83	6' 6"	F	" "	85	4' 0"	F	" "	86	4' 0"	M
" "	80	4' 0"	M	" "	87	6' 0"	F	" "	84	9' 0"	M
" "	88	7' 0"	M	" "	87	6' 0"	M	" "	86	8' 0"	F
" "	90	3' 6"	F	" "	84	3' 0"	M	" "	84	8' 0"	F
" "	92	5' 0"	M	" "	81	5' 0"	F	" "	86	1' 0"	M
" "	91	8' 0"	F	" "	90	8' 0"	M	" "	85	3' 0"	F
" "	85	4' 0"	F	" "	81	4' 6"	M	" "	89	5' 0"	F
" "	85	4' 0"	F	" "	74	2' 6"	F	" "	84	14' 0"	M
" "	84	3' 0"	M	" "	83	4' 0"	F	" "	82	7' 0"	F
" "	80	2' 6"	F	" "	82	5' 0"	M	" "	90	6' 0"	M
" "	87	4' 0"	F	" "	80	4' 0"	M	" "	89	4' 0"	M
" "	80	4' 0"	M	¹⁰ / ₁₂ "	86	8' 0"	M	" "	84	9' 0"	F
⁷ / ₁₂ "	83	2' 0"	F	" "	90	10' 0"	F	" "	88	6' 0"	M
" "	84	2' 0"	F	" "	82	4' 0"	M	" "	87	10' 0"	F
" "	95	6' 0"	M	" "	85	6' 0"	M	" "	90	8' 0"	F
" "	85	7' 0"	M	" "	81	6' 0"	F	" "	86	9' 0"	F
" "	85	7' 0"	M	" "	83	8' 0"	F	" "	78	4' 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.	
12/12 33	97	7'0"	F	16/12 33	88	10'4"	F	20/12 33	87	6'0"	M
" "	87	7'0"	F	" "	85	5'0"	M	" "	81	6'0"	M
" "	91	8'6"	F	" "	84	4'0"	M	" "	79	10'0"	F
" "	79	4'0"	M	" "	85	3'0"	M	" "	90	7'0"	F
" "	79	3'0"	M	" "	84	12'0"	F	" "	95	4'6"	M
" "	85	5'0"	F	" "	88	7'0"	M	" "	83	7'6"	F
" "	87	6'0"	F	" "	82	4'0"	F	" "	86	4'6"	F
" "	80	4'0"	F	" "	88	1'0"	M	" "	70	2'0"	M
13/12 "	82	11'0"	M	" "	95	2'0"	F	" "	80	5'0"	M
" "	84	6'0"	M	" "	90	9'0"	M	" "	84	6'0"	F
" "	83	4'0"	M	" "	85	6'0"	M	" "	69	5'0"	M
" "	88	1'0"	F	" "	82	7'0"	F	21/12 "	98	14'0"	M
" "	87	5'6"	M	" "	84	5'0"	M	" "	85	6'0"	M
" "	86	6'0"	F	17/12 "	83	5'0"	F	" "	86	3'0"	F
" "	86	5'0"	M	" "	83	8'0"	M	" "	83	7'0"	M
" "	89	8'0"	M	" "	83	10'0"	M	" "	81	3'0"	M
" "	78	3'0"	F	" "	84	7'0"	M	" "	88	9'0"	F
" "	85	4'6"	M	" "	85	5'0"	M	" "	79	9'0"	M
14/12 "	87	8'0"	M	" "	92	8'0"	M	" "	83	4'0"	M
" "	86	1'6"	M	" "	83	4'0"	F	" "	85	4'0"	F
" "	84	5'0"	F	" "	84	3'6"	M	" "	88	7'0"	F
" "	88	6'0"	M	" "	86	5'0"	F	" "	84	5'6"	M
" "	80	5'0"	M	" "	85	6'0"	F	" "	84	7'0"	M
" "	87	4'0"	F	18/12 "	88	8'0"	F	" "	83	5'6"	F
" "	87	9'0"	M	" "	90	8'0"	F	" "	84	6'0"	F
" "	87	11'0"	F	" "	85	6'0"	M	" "	92	5'6"	F
" "	86	10'0"	M	" "	87	9'0"	M	" "	71	2'0"	M
" "	88	8'0"	F	" "	85	11'0"	M	" "	74	2'6"	F
" "	80	6'0"	M	" "	86	10'0"	F	" "	76	3'0"	F
" "	90	9'0"	M	" "	85	5'0"	F	22/12 "	86	6'0"	M
" "	82	6'0"	F	" "	85	8'0"	M	" "	88	8'0"	M
" "	87	5'0"	M	" "	85	6'0"	M	" "	84	8'0"	F
" "	84	6'6"	F	" "	84	6'0"	M	" "	86	5'0"	M
" "	77	5'0"	M	" "	80	4'0"	F	" "	82	11'6"	F
15/12 "	86	7'0"	M	" "	87	5'0"	M	" "	84	4'0"	M
" "	86	7'0"	F	" "	83	4'0"	F	" "	83	8'0"	F
" "	87	12'0"	F	" "	83	5'0"	M	" "	85	12'0"	F
" "	83	3'0"	F	" "	83	6'6"	M	" "	90	14'0"	M
" "	93	5'0"	F	" "	78	5'0"	M	" "	86	10'0"	M
" "	90	5'0"	F	" "	69	6'0"	M	" "	85	8'0"	M
" "	83	13'0"	M	19/12 "	89	9'0"	F	" "	86	8'0"	F
" "	81	5'0"	M	" "	88	8'0"	F	" "	82	4'0"	M
" "	84	3'0"	M	" "	82	6'0"	M	" "	78	5'0"	F
" "	92	5'0"	M	" "	89	3'0"	F	" "	83	5'6"	M
" "	79	5'0"	F	" "	85	5'0"	F	" "	77	4'0"	F
" "	93	5'0"	M	" "	96	6'0"	F	" "	83	5'6"	F
" "	79	3'0"	M	" "	85	8'0"	M	" "	82	4'6"	M
" "	79	4'0"	F	" "	80	4'0"	F	23/12 "	84	3'0"	F
" "	79	3'0"	M	" "	81	5'0"	M	" "	80	2'0"	M
" "	86	5'0"	M	" "	76	2'6"	M	" "	87	10'0"	M
" "	83	6'0"	F	" "	85	4'6"	F	" "	83	9'0"	F
16/12 "	85	8'0"	M	" "	71	2'0"	M	" "	85	5'0"	M
" "	84	6'0"	M	" "	85	4'0"	M	" "	83	5'0"	F
" "	89	11'0"	F	" "	77	3'6"	F	" "	84	8'0"	M
" "	84	6'0"	F	20/12 "	84	7'0"	M	" "	87	5'6"	M
" "	83	4'6"	F	" "	87	8'0"	F	" "	84	3'0"	F
" "	90	9'0"	F	" "	81	7'0"	M	" "	85	8'0"	M
" "	84	9'0"	M	" "	81	8'0"	F	" "	90	6'6"	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.	
23/12 33	83	5' 0"	F	28/12 33	83	12' 0"	F	31/12 33	81	3' 0"	M
" "	83	5' 6"	M	" "	87	8' 0"	M	" "	90	4' 0"	F
" "	85	4' 6"	F	" "	85	12' 0"	F	" "	85	5' 0"	M
" "	80	4' 0"	M	" "	94	10' 0"	F	" "	71	3' 0"	M
" "	85	5' 0"	F	" "	86	7' 0"	M	" "	91	8' 0"	F
" "	80	6' 0"	M	" "	74	5' 0"	F	" "	80	6' 0"	F
" "	75	4' 0"	M	" "	83	7' 0"	M	1/1 34	79	5' 0"	F
24/12 "	88	4' 0"	M	29/12 "	78	4' 0"	M	" "	81	12' 0"	M
" "	85	6' 0"	M	" "	89	9' 0"	M	" "	84	25' 0"	M
" "	83	4' 0"	M	" "	86	7' 0"	M	" "	86	1' 6"	M
" "	84	2' 6"	F	" "	82	4' 0"	F	" "	87	6' 0"	F
" "	85	5' 0"	M	" "	84	8' 0"	M	" "	83	10' 0"	M
" "	83	7' 0"	M	" "	89	8' 0"	M	" "	82	5' 0"	F
" "	86	8' 0"	M	" "	83	11' 0"	F	" "	85	6' 0"	F
" "	75	3' 0"	F	" "	82	7' 0"	F	" "	78	7' 0"	M
" "	86	5' 0"	F	" "	85	8' 0"	M	" "	85	12' 0"	M
" "	83	5' 0"	M	" "	82	9' 0"	F	" "	84	6' 6"	F
" "	70	3' 0"	M	" "	87	11' 0"	F	" "	96	8' 0"	F
" "	81	4' 6"	F	" "	88	10' 0"	F	" "	96	8' 0"	F
" "	86	5' 6"	M	" "	87	6' 0"	M	" "	89	9' 0"	M
" "	79	5' 0"	M	" "	81	5' 0"	M	" "	80	5' 0"	M
25/12 "	88	6' 0"	M	" "	81	6' 0"	F	" "	89	8' 0"	M
26/12 "	87	8' 0"	F	" "	91	15' 6"	M	" "	82	6' 0"	F
" "	84	15' 0"	F	" "	87	13' 0"	M	" "	85	5' 0"	F
" "	84	5' 0"	M	" "	85	16' 0"	F	" "	81	6' 0"	F
" "	86	10' 0"	F	" "	91	5' 0"	M	2/1	77	3' 0"	F
" "	80	3' 0"	F	" "	86	6' 0"	M	" "	84	10' 0"	F
" "	80	5' 0"	M	" "	81	4' 0"	M	" "	85	8' 0"	M
" "	88	8' 0"	F	" "	86	11' 0"	F	" "	84	10' 6"	M
" "	82	9' 0"	F	" "	89	7' 0"	M	" "	82	5' 0"	F
" "	83	5' 0"	M	" "	88	5' 0"	M	" "	85	5' 0"	M
" "	88	8' 0"	M	" "	84	5' 0"	M	" "	91	7' 0"	M
" "	83	9' 0"	M	" "	78	4' 0"	M	" "	81	8' 0"	F
" "	90	12' 0"	M	" "	70	2' 0"	M	" "	86	7' 0"	F
" "	88	4' 0"	M	" "	83	5' 6"	F	" "	84	4' 0"	M
" "	90	5' 0"	F	" "	70	2' 0"	F	" "	84	5' 0"	M
" "	83	3' 0"	F	" "	79	4' 0"	M	" "	82	6' 0"	F
" "	70	2' 0"	M	" "	87	6' 0"	F	3/1	87	10' 0"	F
" "	87	5' 0"	M	" "	84	7' 0"	F	" "	86	6' 0"	F
" "	71	2' 0"	F	" "	76	4' 6"	M	" "	85	5' 0"	M
" "	80	6' 0"	M	30/12 "	87	2' 0"	M	" "	83	4' 0"	M
" "	73	3' 0"	F	" "	90	10' 0"	F	" "	78	3' 0"	M
" "	74	4' 0"	M	" "	86	14' 0"	F	" "	93	3' 0"	F
27/12 "	82	11' 0"	M	" "	85	7' 0"	M	" "	83	19' 0"	M
" "	83	6' 0"	F	" "	86	3' 0"	F	" "	86	11' 0"	F
" "	85	6' 0"	F	" "	82	8' 0"	F	" "	82	5' 4"	M
" "	83	12' 0"	F	" "	80	5' 0"	F	" "	85	6' 0"	M
" "	87	8' 3"	M	" "	87	10' 0"	F	" "	82	6' 0"	F
" "		7' 8"	M	" "	85	4' 6"	M	" "	84	3' 0"	F
" "		8' 0"	M	" "	87	12' 0"	M	" "	77	5' 0"	M
" "		6' 0"	M	" "	82	5' 0"	F	" "	85	4' 0"	F
" "		7' 10"	F	31/12 "	84	5' 0"	M	" "	80	8' 0"	F
" "	89	12' 0"	F	" "	84	6' 0"	M	" "	81	6' 0"	M
" "	80	5' 0"	F	" "	87	12' 0"	M	" "	88	5' 0"	F
" "	89	6' 6"	F	" "	85	6' 0"	F	" "	83	7' 0"	M
" "	86	5' 6"	M	" "	87	10' 0"	F	" "	83	5' 0"	F
28/12 "	78	5' 0"	M	" "	83	5' 0"	M	4/1	90	7' 0"	F
" "	85	6' 0"	M	" "	87	6' 6"	M	" "	85	2' 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.	
4/1 34	80	6' 0"	F	9/1 34	90	1' 6"	F	15/1 34	87	13' 0"	M
" "	83	3' 0"	M	" "	86	12' 0"	M	" "	89	2' 0"	M
" "	80	5' 0"	F	10/1 "	85	14' 0"	M	" "	78	12' 0"	M
" "	85	9' 0"	F	" "	82	10' 0"	F	" "	87	13' 0"	F
" "	91	8' 0"	M	" "	83	4' 0"	F	" "	86	8' 0"	M
" "	93	11' 0"	F	" "	88	14' 0"	M	" "	80	7' 0"	M
" "	93	12' 0"	F	" "	84	14' 0"	F	" "	88	10' 0"	F
" "	78	4' 0"	M	" "	84	15' 0"	F	16/1 "	78	6' 0"	M
5/1 "	83	3' 0"	M	" "	87	5' 0"	M	" "	81	10' 0"	M
" "	79	6' 0"	F	" "	88	7' 0"	F	" "	82	6' 0"	M
" "	85	5' 0"	M	" "	88	15' 0"	F	" "	84	12' 10"	M
" "	91	15' 0"	M	" "	90	13' 0"	F	" "	80	9' 0"	F
" "	82	6' 0"	F	" "	78	6' 0"	M	" "	84	15' 0"	F
" "	85	6' 0"	M	" "	80	12' 0"	M	" "	86	10' 6"	F
" "	97	7' 0"	F	" "	94	8' 0"	M	17/1 "	84	8' 0"	M
" "	79	5' 6"	M	" "	88	10' 0"	M	" "	86	8' 0"	F
" "	85	6' 0"	M	" "	84	5' 0"	F	" "	81	11' 0"	M
" "	80	7' 0"	M	11/1 "	83	7' 0"	M	" "	82	9' 0"	M
" "	85	6' 6"	F	" "	87	10' 0"	M	" "	86	2' 6"	F
6/1 "	86	3' 0"	M	" "	88	3' 0"	M	" "	82	11' 0"	F
" "	83	11' 0"	F	" "	83	6' 0"	M	" "	82	12' 0"	F
" "	83	10' 0"	F	" "	86	6' 6"	F	" "	85	13' 0"	F
" "	84	9' 0"	M	" "	85	7' 0"	F	18/1 "	83	12' 0"	M
" "	87	11' 0"	F	" "	85	14' 0"	F	" "	78	8' 0"	F
" "	92	12' 0"	F	" "	87	9' 0"	F	" "	84	7' 0"	M
" "	85	8' 0"	M	" "	84	4' 0"	M	" "	84	9' 0"	F
" "	82	5' 6"	M	" "	86	7' 0"	M	" "	81	5' 0"	F
" "	74	1' 0"	M	12/1 "	86	6' 0"	M	" "	81	4' 6"	M
7/1 "	88	9' 0"	F	" "	90	13' 0"	M	19/1 "	90	11' 0"	F
" "	87	9' 0"	M	" "	86	19' 0"	M	" "	91	10' 0"	M
" "	87	5' 0"	F	" "	92	11' 0"	M	" "	85	6' 0"	M
" "	84	1' 0"	M	" "	85	12' 0"	M	" "	88	15' 0"	F
" "	85	11' 0"	F	" "	85	10' 0"	F	" "	82	3' 0"	M
" "	88	6' 0"	F	" "	85	10' 0"	F	" "	85	12' 0"	M
" "	86	6' 0"	F	" "	81	6' 0"	F	" "	82	9' 0"	M
" "	84	15' 0"	F	" "	91	12' 0"	M	" "	86	13' 0"	M
" "	81	8' 0"	M	" "	80	5' 6"	M	" "	87	12' 0"	F
" "	90	10' 0"	F	" "	86	8' 0"	M	" "	81	5' 0"	M
8/1 "	87	4' 0"	M	" "	80	13' 0"	F	" "	86	4' 6"	F
" "	88	15' 0"	F	" "	84	11' 0"	F	20/1 "	82	12' 0"	M
" "	82	6' 0"	M	" "	86	3' 0"	F	" "	85	13' 0"	F
" "	82	2' 0"	M	" "	84	8' 0"	M	" "	85	7' 0"	F
" "	84	10' 0"	F	13/1 "	88	5' 0"	M	" "	87	10' 0"	F
" "	81	6' 0"	M	" "	67	5' 0"	F	" "	90	12' 0"	M
" "	79	10' 0"	F	" "	80	11' 0"	F	" "	89	15' 0"	F
" "	88	6' 6"	M	" "	88	18' 0"	F	" "	83	9' 0"	M
9/1 "	87	17' 0"	F	14/1 "	84	7' 0"	F	" "	81	9' 0"	M
" "	87	9' 0"	M	" "	88	7' 0"	M	" "	77	9' 0"	F
" "	86	9' 0"	M	" "	82	11' 0"	F	" "	79	13' 0"	F
" "	83	7' 0"	F	" "	85	14' 0"	F	" "	82	12' 0"	F
" "	81	6' 0"	M	" "	84	5' 0"	M	" "	83	10' 0"	F
" "	90	12' 0"	M	" "	76	6' 0"	M	" "	84	7' 0"	M
" "	85	11' 0"	M	15/1 "	95	12' 0"	M	" "	80	4' 0"	M
" "	90	14' 0"	F	" "	83	9' 0"	M	" "	80	5' 6"	F
" "	87	7' 0"	M	" "	87	15' 0"	F	" "	82	4' 6"	F
" "	86	10' 0"	F	" "	83	7' 0"	F	" "	83	7' 0"	M
" "	79	4' 6"	F	" "	85	12' 0"	M	" "	86	6' 6"	F
" "	90	12' 0"	F	" "	87	5' 0"	M	21/1 "	86	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.	
21/1 34	82	14' 0"	F	26/1 34	84	14' 0"	F	30/1 34	85	8' 6"	M
" "	77	6' 0"	F	" "	89	12' 0"	M	31/1 "	86	7' 0"	M
" "	85	9' 0"	F	" "	84	12' 0"	M	" "	91	18' 0"	F
" "	94	16' 0"	F	" "	82	12' 0"	M	" "	85	18' 0"	F
" "	86	15' 0"	F	" "	93	5' 0"	F	" "	86	14' 0"	M
" "	86	5' 6"	F	" "	77	6' 6"	F	" "	85	4' 0"	F
" "	85	12' 0"	F	" "	82	8' 6"	M	" "	83	14' 6"	F
" "	82	5' 0"	F	27/1 "	85	3' 0"	M	" "	86	10' 0"	M
" "	83	9' 0"	M	" "	88	13' 0"	M	" "	89	14' 0"	M
" "	90	8' 0"	M	" "	81	13' 0"	M	" "	80	7' 6"	M
22/1 "	83	12' 0"	F	" "	84	7' 0"	F	" "	80	8' 0"	F
" "	81	9' 0"	F	" "	86	12' 0"	M	" "	87	9' 0"	M
" "	82	12' 0"	M	" "	80	8' 0"	M	1/2 "	90	16' 0"	M
" "	89	15' 0"	F	" "	85	18' 0"	F	" "	80	12' 0"	F
" "	83	10' 0"	M	" "	83	5' 6"	M	" "	85	12' 0"	F
" "	83	9' 6"	F	" "	90	9' 0"	F	" "	87	13' 0"	F
" "	84	12' 0"	M	28/1 "	85	8' 0"	F	" "	85	10' 0"	F
" "	79	4' 0"	M	" "	84	16' 0"	F	" "	80	12' 0"	F
" "	85	6' 0"	F	" "	89	5' 0"	M	" "	84	13' 0"	M
" "	85	5' 6"	F	" "	84	9' 0"	F	" "	76	6' 6"	F
23/1 "	91	11' 0"	M	" "	91	9' 0"	M	" "	82	7' 0"	M
" "	88	10' 0"	M	" "	89	11' 0"	F	" "	83	6' 0"	F
" "	90	16' 0"	M	" "	90	4' 6"	M	" "	84	8' 0"	F
" "	90	11' 0"	F	" "	85	15' 0"	F	" "	85	7' 6"	F
" "	84	1' 6"	M	" "	77	18' 0"	M	2/2 "	85	15' 0"	M
" "	90	14' 0"	M	" "	89	13' 0"	M	" "	84	11' 0"	M
" "	77	4' 6"	M	" "	85	10' 0"	F	" "	85	14' 0"	M
" "	81	5' 0"	M	" "	76	4' 0"	M	" "	83	10' 0"	F
" "	83	6' 0"	F	" "	80	6' 0"	F	" "	82	12' 0"	M
" "	93	9' 6"	F	" "	80	6' 6"	F	" "	80	12' 0"	M
24/1 "	86	8' 0"	F	" "	83	5' 6"	M	" "	82	9' 0"	F
" "	86	6' 0"	M	" "	84	5' 6"	M	3/2 "	88	7' 0"	F
" "	84	13' 0"	M	" "	89	7' 6"	M	" "	88	16' 0"	M
" "	84	8' 0"	F	29/1 "	86	12' 0"	M	" "	90	15' 6"	M
" "	88	11' 0"	M	" "	75	7' 0"	F	" "	86	12' 0"	M
" "	84	11' 0"	M	" "	89	17' 0"	M	" "	83	15' 0"	M
" "	81	8' 0"	M	" "	83	12' 0"	M	" "	84	10' 0"	F
" "	81	5' 0"	F	" "	85	4' 0"	F	" "	86	14' 0"	M
" "	79	5' 0"	F	" "	90	14' 0"	F	" "	86	14' 0"	F
" "	90	17' 0"	F	" "	80	8' 0"	M	" "	82	12' 0"	F
" "	76	5' 0"	F	" "	83	7' 0"	M	" "	76	6' 6"	F
" "	78	6' 6"	F	" "	87	16' 0"	F	" "	87	7' 0"	F
" "	81	4' 0"	F	" "	82	11' 0"	F	" "	88	8' 6"	M
" "	82	5' 6"	F	" "	81	12' 0"	F	4/2 "	93	16' 0"	F
25/1 "	85	10' 0"	M	" "	79	7' 0"	M	" "	82	8' 0"	F
" "	81	16' 0"	M	" "	81	8' 0"	M	" "	85	15' 0"	F
" "	83	9' 0"	M	" "	81	8' 6"	M	" "	83	14' 0"	M
" "	86	10' 0"	F	" "	83	6' 6"	F	" "	89	11' 0"	F
" "	80	4' 0"	F	" "	84	7' 6"	M	" "	78	14' 0"	M
" "	80	5' 0"	F	" "	85	8' 0"	F	" "	84	15' 0"	M
" "	84	4' 6"	F	" "	85	12' 0"	M	" "	89	15' 0"	F
" "	85	8' 0"	M	" "	84	3' 0"	F	" "	84	14' 0"	F
26/1 "	82	6' 0"	M	30/1 "	78	8' 0"	M	" "	87	11' 6"	M
" "	79	9' 0"	F	" "	83	12' 0"	F	" "	85	13' 0"	M
" "	90	12' 0"	M	" "	83	10' 0"	F	" "	86	9' 0"	M
" "	81	2' 0"	F	" "	81	12' 0"	F	" "	78	6' 6"	M
" "	86	8' 0"	F	" "	76	6' 6"	M	" "	83	6' 0"	M
" "	81	5' 0"	M	" "	76	5' 6"	F	" "	87	8' 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.	
$\frac{5}{2}$ 34	87	17'0"	M	$\frac{14}{2}$ 34	86	9'0"	F	$\frac{28}{2}$ 34	83	16'0"	F
" "	87	17'0"	M	$\frac{15}{2}$ "	85	12'0"	M	" "	86	12'0"	M
" "	85	17'0"	M	" "	87	9'6"	M	" "	86	18'0"	F
" "	81	12'0"	F	" "	88	8'6"	F	$\frac{1}{3}$ "	87	17'0"	F
" "	82	13'0"	F	" "	90	11'0"	M	" "	86	12'0"	F
" "	90	17'0"	M	$\frac{16}{2}$ "	85	15'0"	F	" "	91	9'0"	F
" "	77	6'6"	M	" "	80	15'0"	F	$\frac{2}{3}$ "	90	18'0"	F
" "	80	8'0"	F	" "	86	13'0"	M	" "	88	10'0"	M
" "	89	9'6"	F	" "	88	15'0"	M	$\frac{3}{3}$ "	82	14'0"	F
$\frac{6}{2}$ "	84	10'0"	M	" "	79	9'0"	F	" "	81	11'0"	M
" "	85	15'0"	M	" "	89	10'6"	M	" "	82	12'6"	M
" "	90	14'0"	F	$\frac{17}{2}$ "	90	3'0"	M	" "	85	9'0"	F
" "	86	13'0"	F	" "	82	8'0"	M	" "	90	10'6"	F
" "	85	14'8"	M	" "	84	21'0"	M	" "	81	14'0"	M
" "	85	15'0"	F	" "	82	14'0"	M	" "	85	19'0"	M
" "	91	9'0"	M	$\frac{18}{2}$ "	90	19'0"	F	$\frac{4}{3}$ "	79	10'6"	M
" "	76	4'6"	M	" "	80	14'0"	F	" "	80	12'0"	M
" "	79	7'6"	F	" "	88	16'0"	F	$\frac{5}{3}$ "	92	20'0"	F
" "	91	10'0"	F	" "	83	20'0"	M	$\frac{6}{3}$ "	87	6'0"	M
$\frac{7}{2}$ "	87	8'0"	M	$\frac{19}{2}$ "	91	18'0"	M	$\frac{8}{3}$ "	90	15'0"	F
" "	80	15'0"	M	" "	89	16'0"	F	" "	90	5'0"	F
" "	85	9'0"	M	" "	85	14'0"	M	" "	76	10'0"	M
" "	86	8'0"	M	" "	82	15'0"	M	" "	81	10'6"	M
" "	82	14'0"	M	$\frac{20}{2}$ "	79	8'0"	M	" "	85	13'0"	F
" "	83	15'0"	F	" "	81	9'0"	F	$\frac{9}{3}$ "	90	6'0"	M
" "	84	14'0"	F	" "	77	8'0"	M	" "	79	8'6"	F
" "	88	11'0"	M	" "	86	12'0"	M	" "	81	8'0"	F
" "	78	6'6"	F	" "	83	14'0"	M	" "	84	11'6"	M
" "	85	8'0"	F	" "	80	15'0"	F	" "	86	9'0"	F
" "	84	8'6"	M	" "	73	8'0"	F	" "	89	11'0"	M
" "	86	7'0"	F	" "	86	12'0"	F	$\frac{10}{3}$ "	91	14'0"	M
$\frac{8}{2}$ "	87	12'0"	F	$\frac{21}{2}$ "	87	5'0"	F	" "	76	8'6"	F
" "	80	7'0"	M	" "	91	15'0"	M	$\frac{11}{3}$ "	82	10'6"	F
" "	91	8'0"	M	" "	89	5'0"	M	$\frac{12}{3}$ "	75	10'0"	F
" "	87	11'0"	M	" "	81	18'6"	F	$\frac{13}{3}$ "	81	12'0"	F
" "	80	7'0"	F	" "	85	16'0"	M	" "	86	24'0"	F
" "	80	6'6"	M	" "	78	8'6"	F	$\frac{14}{3}$ "	91	16'0"	M
" "	81	8'0"	M	$\frac{22}{2}$ "	81	23'0"	M	" "	84	8'0"	M
" "	85	8'6"	F	$\frac{23}{2}$ "	90	20'0"	F	" "	80	12'0"	M
$\frac{9}{2}$ "	82	9'0"	M	" "	86	15'0"	F	" "	76	10'0"	M
" "	93	10'0"	F	" "	89	10'0"	M	" "	74	9'0"	F
" "	85	9'0"	F	" "	78	7'0"	M	$\frac{19}{3}$ "	94	9'0"	M
" "	85	8'6"	F	" "	87	9'0"	F	" "	88	10'0"	M
$\frac{10}{2}$ "	83	13'0"	F	$\frac{24}{2}$ "	87	8'0"	F	$\frac{20}{3}$ "	87	15'0"	F
" "	87	9'0"	M	" "	69	8'0"	M	" "	90	14'0"	M
" "	82	8'0"	F	$\frac{25}{2}$ "	82	18'0"	F	$\frac{21}{3}$ "	90	11'0"	M
" "	81	11'0"	M	" "	82	20'0"	M	$\frac{22}{3}$ "	86	20'0"	M
" "	80	10'0"	M	" "	87	10'6"	F	$\frac{23}{3}$ "	85	17'0"	M
$\frac{11}{2}$ "	84	7'6"	M	" "	92	14'0"	F	$\frac{24}{3}$ "	86	14'0"	M
" "	95	9'0"	F	$\frac{26}{2}$ "	85	10'6"	M	" "	86	11'0"	M
" "	92	14'0"	M	$\frac{27}{2}$ "	84	17'0"	M	" "	84	14'0"	F
$\frac{12}{2}$ "	84	9'0"	M	" "	94	20'0"	M	$\frac{25}{3}$ "	89	16'0"	M
$\frac{14}{3}$ "	84	4'0"	F	$\frac{28}{2}$ "	84	16'0"	F	" "	86	16'0"	F
" "	83	14'0"	F	" "	83	15'0"	F	" "			
" "	83	5'0"	M	" "	81	15'0"	F	" "			

Total 1,540 blue-whale foetuses, of which 827 males and 713 females, or 53.7 per cent males and 46.3 per cent females.

Table No. 10 (continued).

2. Fin-whale foetuses
measured in the Southern Seas in the season 1933/34.

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.	
27/10 33	70	3'0"	F	30/12 33	73	5'0"	F	7/1 34	72	13'0"	M
"	72	3'0"	F	"	74	7'0"	M	"	61	6'6"	M
8/11 "	70	2'0"	M	"	74	7'0"	F	8/1 "	75	6'0"	F
14/11 "	73	4'0"	F	"	72	6'0"	F	"	70	9'0"	F
20/11 "	70	2'0"	M	"	76	3'0"	M	"	71	11'0"	F
26/11 "	71	1'6"	F	"	74	4'0"	M	"	75	8'0"	F
27/11 "	73	2'0"	F	"	73	2'0"	M	"	77	12'0"	M
3/12 "	74	7'0"	F	"	72	3'0"	F	"	76	6'0"	M
"	73	4'0"	M	"	72	4'0"	M	"	71	8'0"	M
5/12 "	73	8'0"	F	"	69	3'0"	F	"	76	4'0"	F
6/12 "	72	1'6"	M	31/12 "	72	5'0"	F	"	73	3'6"	F
9/12 "	70	4'0"	F	"	74	5'0"	F	"	74	4'6"	F
"	71	1'6"	F	"	72	5'0"	M	9/1 "	73	2'0"	M
"	70	2'0"	M	"	68	10'0"	M	"	74	5'0"	F
10/12 "	74	6'0"	M	"	73	3'0"	M	"	71	9'0"	M
11/12 "	68	3'0"	F	"	72	3'6"	F	"	74	7'0"	F
12/12 "	73	3'6"	F	"	70	2'0"	M	"	75	10'0"	F
"	73	3'6"	F	"	68	2'0"	F	"	70	3'0"	M
15/12 "	72	5'0"	M	"	70	3'0"	M	"	72	3'0"	M
"	71	8'0"	M	1/1 34	75	5'0"	M	"	73	3'0"	F
17/12 "	71	4'0"	F	"	66	2'0"	F	"	75	6'0"	M
"	79	6'0"	M	"	73	3'6"	M	10/1 "	73	8'0"	M
"	70	2'0"	M	2/1 "	69	4'0"	M	11/1 "	75	9'0"	M
18/12 "	74	5'0"	M	"	78	5'0"	F	"	74	8'0"	M
19/12 "	70	7'0"	F	"	68	4'0"	M	"	76	5'0"	M
20/12 "	73	3'0"	M	"	72	2'0"	M	"	73	4'0"	M
"	76	4'0"	M	"	78	4'0"	M	"	73	4'0"	M
"	73	2'0"	M	"	72	5'0"	M	"	65	3'0"	F
"	77	7'0"	M	"	65	2'0"	M	"	69	3'6"	M
21/12 "	64	2'0"	M	3/1 "	74	6'0"	F	"	69	4'0"	F
"	73	6'0"	M	"	73	5'0"	M	"	78	6'0"	F
"	77	7'0"	M	"	65	2'0"	M	12/1 "	72	8'0"	M
"	71	4'0"	M	"	70	3'0"	F	"	75	13'0"	F
"	70	5'0"	F	"	65	2'0"	M	"	72	3'0"	F
"	73	6'0"	F	4/1 "	72	4'0"	F	"	71	5'0"	M
"	73	4'0"	F	"	67	10'0"	M	"	69	5'0"	M
"	76	4'0"	F	"	76	3'0"	F	"	71	4'0"	M
22/12 "	74	3'0"	F	"	73	3'0"	F	"	75	3'6"	M
"	74	3'0"	F	"	74	5'0"	F	"	70	4'0"	F
"	74	4'0"	F	"	67	3'0"	M	"	73	4'0"	F
"	74	6'0"	M	"	72	4'0"	M	"	69	2'0"	M
24/12 "	69	5'0"	M	5/1 "	66	3'0"	M	"	67	2'6"	F
"	75	6'0"	F	"	71	3'6"	M	"	70	4'0"	M
"	77	7'0"	F	"	73	4'0"	F	"	73	5'0"	M
"	71	3'0"	F	6/1 "	76	6'0"	M	"	69	4'0"	M
25/12 "	71	3'0"	F	"	77	11'0"	F	"	71	4'6"	F
"	72	2'6"	F	"	68	5'0"	F	"	73	5'0"	F
"	70	3'0"	M	"	72	4'0"	F	"	76	5'6"	M
"	72	3'6"	F	"	65	3'0"	F	"	70	4'0"	F
"	73	2'6"	M	"	69	4'0"	F	13/1 "	76	5'0"	F
27/12 "	70	7'0"	M	"	72	5'6"	M	"	75	5'0"	M
29/12 "	72	7'0"	M	7/1 "	74	9'0"	F	"	70	6'0"	F
"	71	4'0"	M	"	70	8'0"	M	"	74	8'0"	M
"	70	3'0"	F	"	67	7'6"	F	"	69	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.	
13/1 34	70	9'0"	M	18/1 34	74	10'0"	F	22/1 34	70	4'0"	M
" "	72	5'0"	F	" "	70	3'0"	M	" "	73	8'0"	M
" "	71	11'0"	M	" "	67	5'0"	F	23/1 "	77	5'0"	M
" "	70	4'0"	F	" "	71	6'0"	M	" "	77	7'6"	M
" "	75	7'6"	F	19/1 "	70	5'0"	M	" "	72	15'0"	M
" "	69	2'6"	M	" "	74	7'0"	F	" "	75	6'0"	F
" "	65	1'6"	F	" "	76	7'0"	M	" "	69	3'0"	F
" "	75	3'6"	F	" "	68	3'0"	F	" "	65	10'0"	M
" "	73	4'0"	M	" "	76	2'0"	M	" "	71	11'0"	M
" "	74	2'6"	F	" "	75	3'0"	F	" "	79	15'0"	M
" "	73	4'0"	M	" "	71	5'0"	M	" "	69	8'0"	F
" "	67	2'0"	M	" "	66	4'0"	M	" "	75	3'0"	M
" "	71	3'0"	F	" "	69	11'0"	F	24/1 "	71	7'0"	M
" "	68	2'6"	F	" "	72	3'6"	M	" "	68	7'0"	M
" "	70	3'0"	F	" "	71	11'0"	F	" "	68	7'0"	F
14/1 "	72	7'0"	F	" "	74	6'0"	F	" "	64	13'0"	M
" "	69	7'0"	F	" "	71	11'0"	M	" "	71	11'10"	F
" "	75	8'0"	M	" "	77	11'0"	M	" "	68	9'0"	M
" "	68	5'0"	M	20/1 "	72	7'0"	M	" "	67	4'0"	F
" "	70	9'0"	F	" "	73	8'0"	F	" "	77	{ 9'0"	M
" "	66	7'0"	F	" "	69	5'0"	F	" "	75	{ 8'0"	M
" "	71	6'6"	M	" "	70	7'0"	F	" "	73	3'0"	M
" "	71	6'0"	M	" "	71	{ 4'0"	M	25/1 "	73	9'0"	F
" "	70	5'0"	F	" "	73	{ 4'0"	M	" "	72	7'0"	F
" "	70	4'0"	F	" "	75	6'0"	F	" "	71	6'0"	M
" "	72	6'0"	F	" "	75	6'0"	F	" "	72	0'6"	M
" "	67	6'6"	M	" "	72	11'0"	M	" "	73	7'0"	M
" "	74	3'0"	F	" "	74	9'0"	F	" "	70	6'0"	M
15/1 "	77	6'0"	M	" "	73	7'0"	M	" "	72	8'0"	M
" "	71	1'6"	M	" "	79	15'0"	F	" "	74	9'0"	M
" "	70	5'0"	F	" "	72	11'0"	F	" "	70	6'0"	M
" "	73	5'0"	M	21/1 "	72	7'0"	F	" "	67	8'0"	F
" "	70	2'0"	F	" "	75	5'0"	M	" "	71	7'6"	F
" "	74	1'6"	F	" "	71	10'0"	M	" "	73	8'0"	F
" "	76	4'0"	F	" "	71	7'0"	F	" "	74	12'0"	F
16/1 "	74	7'0"	M	" "	73	13'0"	M	" "	73	13'0"	M
" "	74	7'0"	F	" "	69	2'6"	M	" "	70	11'0"	M
" "	72	4'0"	F	" "	67	6'0"	M	" "	70	9'0"	M
" "	71	3'0"	M	" "	76	6'0"	F	" "	75	4'0"	M
" "	74	8'0"	M	" "	70	8'0"	F	26/1 "	75	9'0"	F
" "	74	8'0"	M	" "	68	10'0"	M	" "	64	4'0"	F
" "	72	1'0"	F	" "	75	7'6"	M	" "	72	6'6"	F
" "	73	12'0"	M	" "	69	9'0"	M	" "	74	6'0"	F
" "	81	8'0"	M	" "	72	10'0"	M	" "	74	10'0"	M
" "	75	5'0"	F	" "	74	6'0"	M	" "	72	11'0"	M
17/1 "	69	5'0"	M	" "	67	2'0"	M	" "	74	6'0"	M
" "	74	5'0"	F	22/1 "	70	8'0"	F	" "	76	8'0"	M
" "	72	6'0"	F	" "	68	2'0"	F	" "	66	13'6"	M
" "	64	5'0"	F	" "	75	6'0"	F	27/1 "	70	2'0"	M
" "	73	2'0"	M	" "	69	9'0"	M	" "	74	10'0"	M
" "	74	2'0"	M	" "	73	5'0"	M	" "	72	9'0"	F
" "	76	8'0"	F	" "	68	8'0"	M	" "	73	8'0"	M
" "	70	6'0"	F	" "	72	9'0"	M	" "	72	5'0"	M
" "	71	6'0"	M	" "	74	4'0"	M	" "	74	10'0"	M
18/1 "	74	8'0"	M	" "	73	13'0"	M	" "	72	3'0"	M
" "	73	5'0"	F	" "	74	7'6"	F	" "	70	2'0"	M
" "	73	8'0"	M	" "	66	3'0"	F	" "	73	4'0"	M
" "	79	7'0"	M	" "	72	7'0"	F	" "	73	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.	
27 ₁ 34	74	5' 0"	F	31 ₁ 34	78	14' 0"	M	6 ₂ 34	74	3' 0"	M
" "	73	8' 0"	F	" "	75	7' 0"	F	" "	67	7' 0"	M
" "	72	9' 0"	M	" "	74	12' 0"	M	" "	72	8' 0"	M
" "	73	4' 0"	M	" "	72	5' 0"	M	" "	75	5' 0"	M
" "	70	2' 6"	M	" "	68	3' 0"	F	" "	75	5' 0"	F
" "	71	12' 0"	F	" "	70	10' 0"	M	" "	71	8' 0"	M
" "	71	3' 6"	F	" "	75	14' 6"	M	" "	74	6' 0"	F
28 ₁ "	71	4' 0"	M	" "	72	12' 0"	F	7 ₂ "	71	8' 0"	F
" "	71	12' 0"	M	" "	77	13' 0"	F	" "	69	9' 0"	M
" "	71	12' 0"	F	" "	70	5' 6"	M	" "	66	7' 0"	M
" "	72	3' 0"	F	" "	71	4' 0"	F	" "	71	7' 0"	F
" "	72	2' 0"	F	1 ₂ "	70	6' 0"	F	" "	73	14' 7"	F
" "	72	5' 0"	F	" "	76	5' 0"	M	" "	57	6' 0"	M
" "	69	9' 0"	M	" "	72	7' 0"	M	" "	69	6' 6"	F
" "	72	14' 0"	F	" "	75	14' 0"	F	" "	70	4' 6"	M
" "	71	8' 0"	F	" "	69	4' 6"	F	" "	71	5' 0"	F
" "	71	7' 0"	F	2 ₂ "	72	5' 0"	M	" "	73	5' 6"	M
" "	74	8' 0"	M	" "	72	11' 0"	M	8 ₂ "	72	8' 0"	M
" "	66	2' 6"	F	" "	75	3' 0"	M	" "	73	12' 0"	F
" "	67	3' 0"	M	" "	71	9' 0"	M	" "	59	4' 0"	M
" "	72	3' 0"	F	" "	70	6' 0"	F	" "	62	5' 0"	F
" "	72	4' 6"	M	" "	71	12' 0"	F	" "	63	6' 0"	M
" "	73	4' 0"	M	" "	66	6' 0"	M	" "	72	6' 6"	F
" "	75	5' 0"	F	" "	72	8' 0"	F	" "	72	5' 6"	M
29 ₁ "	73	8' 0"	F	" "	62	3' 6"	M	" "	73	6' 6"	F
" "	72	2' 0"	M	" "	63	3' 0"	M	" "	73	5' 6"	M
" "	71	5' 0"	F	" "	70	4' 6"	F	9 ₂ "	74	4' 0"	M
" "	70	12' 0"	F	" "	70	6' 0"	M	" "	68	4' 6"	M
" "	73	14' 0"	M	" "	68	5' 6"	F	" "	72	5' 0"	F
" "	68	6' 0"	M	" "	74	5' 6"	F	" "	73	6' 6"	F
" "	71	6' 0"	F	3 ₂ "	74	10' 0"	M	" "	74	5' 6"	M
" "	65	4' 6"	F	" "	65	5' 0"	F	" "	74	5' 6"	F
" "	72	5' 0"	F	" "	73	12' 0"	M	" "	75	5' 0"	F
" "	73	6' 0"	F	" "	73	12' 0"	M	" "	75	6' 0"	F
" "	74	4' 0"	M	" "	74	8' 0"	M	" "	75	4' 6"	M
" "	75	5' 6"	M	" "	63	4' 0"	F	" "	75	7' 0"	F
30 ₁ "	70	5' 0"	M	" "	68	4' 0"	M	10 ₂ "	75	9' 0"	F
" "	74	5' 0"	M	" "	71	5' 6"	M	" "	78	10' 0"	F
" "	70	7' 0"	M	" "	74	4' 6"	F	" "	66	4' 0"	F
" "	74	7' 0"	M	4 ₂ "	72	7' 0"	M	" "	68	5' 0"	F
" "	72	7' 0"	M	" "	70	12' 0"	F	" "	68	6' 6"	M
" "	73	12' 0"	F	" "	70	12' 0"	F	" "	71	5' 0"	F
" "	72	12' 0"	M	" "	75	5' 0"	F	" "	72	7' 6"	M
" "	71	10' 0"	F	" "	72	12' 0"	F	" "	73	5' 6"	M
" "	69	1' 6"	F	" "	71	6' 0"	M	" "	75	6' 6"	F
" "	79	6' 0"	M	" "	70	5' 6"	M	" "	75	5' 0"	M
" "	65	4' 6"	F	" "	73	6' 6"	M	" "	64	4' 6"	F
" "	72	5' 0"	F	" "	74	5' 0"	F	11 ₂ "	75	8' 0"	M
" "	72	4' 0"	M	" "	75	6' 0"	M	" "	73	14' 0"	M
" "	74	5' 6"	F	5 ₂ "	75	5' 0"	M	" "	69	9' 0"	M
" "	74	5' 0"	M	" "	74	7' 0"	M	" "	69	6' 6"	M
" "	75	6' 0"	M	" "	69	7' 0"	M	12 ₂ "	73	6' 0"	F
31 ₁ "	76	9' 0"	M	" "	70	5' 6"	F	" "	75	10' 0"	M
" "	72	7' 0"	F	" "	71	6' 6"	M	" "	72	7' 0"	F
" "	71	5' 0"	M	" "	74	5' 6"	M	" "	67	11' 0"	M
" "	75	9' 0"	M	" "	75	4' 6"	F	13 ₂ "	75	6' 0"	F
" "	69	4' 0"	M	" "	79	5' 0"	F	" "	72	5' 0"	F
" "	72	4' 0"	F	6 ₂ "	72	7' 0"	M	" "	60	5' 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.	
13/2 34	73	4' 0"	F	17/2 34	69	7' 0"	M	20/2 34	66	9' 6"	M
" "	73	5' 0"	F	" "	69	5' 6"	F	" "	69	10' 0"	F
" "	74	9' 0"	M	" "	70	9' 0"	M	" "	70	8' 6"	F
" "	70	5' 6"	M	" "	70	4' 6"	M	" "	71	9' 6"	F
" "	71	5' 0"	F	" "	71	5' 0"	F	" "	72	10' 0"	M
14/2 "	66	6' 0"	F	" "	73	5' 0"	M	" "	73	8' 6"	F
" "	75	6' 0"	M	" "	73	8' 0"	F	" "	73	8' 0"	F
" "	69	5' 0"	M	" "	73	8' 6"	M	" "	78	9' 0"	M
" "	73	12' 0"	F	" "	74	7' 0"	M	21/2 "	66	7' 6"	M
" "	72	10' 0"	M	" "	74	8' 0"	F	" "	67	8' 6"	F
" "	71	8' 0"	M	" "	75	6' 6"	F	" "	68	9' 0"	M
" "	71	9' 0"	M	" "	80	12' 0"	F	" "	68	9' 6"	F
" "	73	8' 6"	F	" "	80	12' 0"	F	" "	72	10' 0"	M
" "	73	7' 0"	M	18/2 "	68	8' 0"	F	" "	72	9' 6"	F
" "	74	7' 6"	M	" "	69	10' 0"	M	" "	73	8' 6"	F
15/2 "	77	3' 0"	F	" "	71	14' 0"	M	" "	74	8' 0"	F
" "	70	6' 0"	M	" "	75	12' 0"	F	" "	74	9' 0"	M
" "	68	10' 0"	M	" "	70	15' 0"	M	22/2 "	61	6' 6"	M
" "	72	9' 0"	M	" "	75	2' 0"	M	" "	66	5' 0"	F
" "	70	9' 0"	F	" "	64	8' 0"	M	" "	69	7' 6"	F
" "	71	6' 0"	F	" "	64	7' 6"	F	" "	70	10' 0"	M
" "	65	6' 6"	M	" "	66	8' 6"	M	" "	71	10' 0"	F
" "	67	7' 0"	F	" "	68	9' 6"	M	" "	72	9' 6"	F
" "	68	6' 6"	F	" "	69	7' 6"	F	" "	72	8' 0"	F
" "	72	6' 0"	M	" "	70	10' 0"	F	" "	75	8' 6"	M
" "	72	8' 6"	M	" "	73	8' 0"	M	" "	77	10' 0"	F
" "	77	7' 0"	F	" "	75	8' 6"	F	23/2 "	61	9' 6"	M
" "	77	7' 0"	F	" "	75	9' 6"	F	" "	61	8' 0"	F
16/2 "	73	15' 0"	M	" "	76	6' 6"	M	" "	72	10' 0"	F
" "	72	6' 0"	F	19/2 "	78	3' 0"	M	" "	72	9' 6"	F
" "	74	5' 0"	F	" "	73	10' 0"	M	24/2 "	60	6' 6"	F
" "	70	6' 0"	M	" "	68	5' 0"	F	" "	70	7' 0"	F
" "	69	4' 0"	F	" "	68	11' 0"	M	" "	74	16' 0"	M
" "	75	8' 0"	M	" "	75	11' 0"	F	25/2 "	68	7' 6"	M
" "	70	7' 0"	F	" "	72	8' 0"	M	" "	68	8' 0"	F
" "	64	7' 6"	F	" "	62	7' 0"	F	" "	68	8' 0"	F
" "	69	7' 0"	F	" "	65	8' 0"	F	" "	70	8' 6"	M
" "	69	6' 6"	F	" "	66	8' 0"	M	" "	74	9' 6"	F
" "	70	5' 0"	F	" "	66	9' 0"	F	26/2 "	68	8' 0"	F
" "	70	7' 6"	M	" "	66	10' 6"	F	" "	70	9' 0"	F
" "	70	7' 0"	M	" "	68	7' 0"	M	" "	72	10' 0"	M
" "	70	8' 0"	F	" "	69	8' 6"	M	" "	72	8' 6"	F
" "	71	7' 0"	M	" "	70	9' 0"	F	27/2 "	62	8' 0"	F
" "	71	7' 6"	F	" "	70	9' 0"	F	" "	69	8' 0"	M
" "	72	8' 6"	M	" "	71	8' 0"	M	" "	69	9' 0"	F
" "	72	6' 0"	F	" "	72	9' 6"	M	" "	71	10' 6"	F
" "	79	8' 0"	F	" "	72	10' 0"	F	" "	71	8' 6"	F
" "	71	6' 6"	F	" "	72	9' 0"	F	" "	78	9' 0"	M
17/2 "	74	6' 0"	M	" "	75	8' 6"	M	28/2 "	66	8' 0"	M
" "	73	4' 0"	F	" "	76	6' 0"	F	" "	68	9' 6"	M
" "	72	12' 0"	F	" "	77	8' 0"	F	" "	68	8' 6"	F
" "	75	12' 0"	F	20/2 "	72	6' 0"	F	" "	68	7' 0"	M
" "	71	6' 0"	M	" "	57	6' 0"	M	" "	71	9' 0"	F
" "	62	3' 0"	M	" "	60	5' 6"	M	" "	71	8' 6"	F
" "	67	4' 0"	M	" "	61	6' 6"	F	" "	73	11' 0"	M
" "	67	6' 0"	M	" "	63	8' 0"	F	" "	76	10' 6"	F
" "	67	5' 6"	F	" "	63	10' 0"	M	" "	79	10' 6"	M
" "	68	6' 6"	F	" "	66	6' 6"	F	" "	72	8' 6"	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.	
1/3 34	63	8' 6"	F	13/3 34	67	6' 0"	M	17/3 34	75	10' 0"	F
" "	65	9' 6"	F	" "	68	6' 0"	F	18/3 "	68	6' 0"	F
" "	66	11' 6"	M	" "	69	5' 6"	F	" "	69	7' 6"	F
" "	70	10' 0"	M	" "	70	9' 0"	M	" "	70	7' 0"	F
" "	72	9' 0"	F	" "	72	7' 6"	F	" "	70	8' 6"	M
" "	72	10' 0"	M	" "	72	8' 0"	M	" "	72	7' 0"	M
" "	73	9' 6"	M	" "	72	6' 6"	M	" "	72	8' 0"	F
" "	75	9' 0"	M	" "	72	5' 0"	F	" "	73	18' 0"	F
2/3 "	64	8' 0"	F	" "	73	9' 6"	M	" "	74	9' 0"	M
" "	68	9' 6"	F	" "	74	6' 6"	F	" "	75	9' 6"	F
4/3 "	69	8' 0"	M	" "	79	10' 6"	M	19/3 "	60	8' 6"	F
5/3 "	73	12' 0"	F	14/3 "	72	7' 6"	F	" "	69	6' 6"	F
6/3 "	76	10' 0"	F	" "	74	8' 0"	M	" "	69	7' 0"	F
10/3 "	70	8' 6"	M	15/3 "	75	8' 6"	M	" "	72	8' 0"	M
" "	72	7' 6"	F	16/3 "	64	6' 6"	M	" "	75	6' 0"	F
" "	75	9' 0"	F	" "	66	8' 0"	M	" "	78	20' 0"	M
11/3 "	73	12' 0"	F	" "	71	7' 6"	F	20/3 "	70	8' 6"	M
12/3 "	64	7' 0"	M	" "	75	9' 0"	M	" "	73	9' 0"	M
" "	66	7' 0"	F	17/3 "	67	8' 6"	M	23/3 "	67	12' 0"	M
" "	69	8' 6"	M	" "	68	6' 0"	F	" "	73	14' 0"	M
" "	70	8' 0"	M	" "	69	7' 6"	F	25/3 "	71	16' 0"	F
" "	71	9' 6"	F	" "	69	8' 0"	M	" "	66	9' 0"	F
" "	73	8' 0"	F	" "	72	6' 0"	F	" "	75	15' 0"	M

Total 753 fin-whale foetuses, of which 387 males and 366 females, or 51.4 per cent males and 48.6 per cent females.

3. Humpback foetuses

measured in the Southern Seas in the season 1933/34.

27/10 33	42	0' 4"	F	18/11 33	40	0' 7"	M	25/12 33	41	0' 6"	M
9/11 "	46	0' 6"	M	" "	46	0' 9"	F	" "	45	1' 0"	F
10/11 "	42	0' 6"	M	" "	50	1' 0"	M	" "	43	0' 8"	M
" "	43	0' 8"	M	19/11 "	39	0' 9"	M	28/12 "	45	2' 0"	M
" "	44	1' 2"	M	20/11 "	45	0' 10"	F	29/12 "	43	2' 6"	F
" "	44	0' 10"	M	" "	49	1' 2"	F	" "	33	1' 0"	M
" "	44	0' 6"	F	" "	42	1' 0"	M	31/12 "	43	2' 0"	M
11/11 "	46	0' 10"	F	28/11 "	45	0' 6"	F	1/1 34	46	1' 0"	M
12/11 "	40	0' 4"	M	1/12 "	44	0' 6"	M	2/1 "	45	2' 0"	M
14/11 "	42	1' 0"	F	4/12 "	43	1' 6"	M	" "	42	2' 0"	M
" "	44	1' 0"	F	" "	45	1' 0"	F	6/1 "	41	2' 0"	F
15/11 "	45	0' 10"	M	10/12 "	44	1' 6"	F	7/1 "	44	1' 0"	M
" "	45	0' 9"	F	18/12 "	44	0' 9"	F	" "	44	1' 6"	F
16/11 "	46	1' 0"	M	" "	45	0' 6"	F	" "	43	0' 6"	F
" "	44	1' 0"	F	" "	43	0' 3"	M	8/1 "	43	2' 0"	M
" "	46	0' 6"	F	" "	44	0' 3"	M	" "	45	1' 0"	F
17/11 "	45	1' 0"	F	" "	40	0' 6"	F	" "	40	2' 0"	M
" "	47	1' 2"	F	" "	41	0' 6"	M	11/1 "	43	3' 0"	M
" "	45	1' 0"	M	19/12 "	42	1' 0"	M	18/1 "	49	4' 0"	M
" "	42	0' 6"	F	24/12 "	46	1' 0"	F	20/1 "	49	4' 0"	M
" "	45	0' 10"	F	25/12 "	39	0' 6"	M	29/1 "	53	2' 0"	F
" "	48	1' 0"	M	" "	42	0' 6"	F	6/2 "	44	1' 6"	F
" "	"	"	"	" "	"	"	"	13/3 "	42	5' 1"	M

Total 66 humpback foetuses, of which 36 males and 30 females, or 54.5 per cent males and 45.5 per cent females.

Table No. 11.—Size of pregnant whale females caught in the Southern Seas, pelagic whaling, in the season 1933/34.

1. Blue-whale females.

Length of mothers.	Number of pregnant animals.	Length of mothers.	Number of pregnant animals.	
Engl. feet.		Engl. feet.		
67	1	84	166	
68	1	85	185	
69	3	86	149	
70	5	87	127	
71	6	88	88	
72	1	89	59	
73	3	90	86	Number of foetuses measured 1,540,
74	8	91	36	of which twin-pairs 8.
75	10	92	19	
76	18	93	17	
77	19	94	11	
78	34	95	5	
79	46	96	3	
80	79	97	2	
81	95	98	1	
82	118			
83	131			
		Sum	1,532	

2. Fin-whale females.

57	2	71	76	
59	1	72	113	
60	4	73	90	
61	5	74	76	
62	5	75	67	Number of foetuses measured 753,
63	6	76	22	of which twin-pairs 4.
64	11	77	17	
65	13	78	10	
66	24	79	9	
67	21	80	1	
68	41	81	1	
69	50			
70	84	Sum	749	

3. Humpback females.

33	1	46	7	
39	2	47	1	
40	4	48	1	Number of foetuses measured 66.
41	3	49	2	
42	9	50	1	
43	9	53	1	
44	12			
45	13	Sum	66	

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 1933/34.

Groups of size.	October.	November.	December.	January.	February.	March.	Total.
Engl. feet.							
Less than 1'	—	2	—	—	—	—	2
1'—1' 11"	4	27	11	5	—	—	47
2'—2' 11"	19	43	29	5	—	—	96
3'—3' 11"	17	62	49	12	1	—	141
4'—4' 11"	9	80	79	21	2	—	191
5'—5' 11"	5	66	97	43	3	1	215
6'—6' 11"	5	51	81	43	8	2	190
7'—7' 11"	2	27	50	29	10	—	118
8'—8' 11"	—	17	57	33	22	4	133
9'—9' 11"	1	7	21	27	15	5	76
10'—10' 11"	—	2	20	27	11	9	69
11'—11' 11"	—	2	11	19	7	5	44
12'—12' 11"	—	1	11	36	13	5	66
13'—13' 11"	—	—	3	13	7	1	24
14'—14' 11"	—	1	4	13	17	6	41
15'—15' 11"	—	—	2	12	19	2	35
16'—16' 11"	—	—	1	5	8	3	17
17'—17' 11"	—	—	—	3	5	2	10
18'—18' 11"	—	—	—	5	4	1	10
19'—19' 11"	—	—	—	2	1	1	4
20'—20' 11"	—	—	—	—	4	2	6
21'—21' 11"	—	1	—	—	1	—	2
22'—22' 11"	—	—	—	—	—	—	—
23'—23' 11"	—	—	—	—	1	—	1
24'—24' 11"	—	—	—	—	—	1	1
25'—25' 11"	—	—	—	1	—	—	1
Total blue-whale foetuses	62	389	526	354	159	50	1,540
Average size of foetuses	3' 6"	4' 6"	5' 11"	8' 8"	11' 8"	12' 3"	6' 11"

2. Fin-whale foetuses

measured in the Southern Seas in the season 1933/34.

Engl. feet.							
Less than 1'	—	—	—	1	—	—	1
1'—1' 11"	—	1	2	5	—	—	8
2'—2' 11"	—	3	9	25	1	—	38
3'—3' 11"	2	—	17	35	7	—	61
4'—4' 11"	—	1	11	46	18	—	76
5'—5' 11"	—	—	8	48	43	2	101
6'—6' 11"	—	—	7	36	46	10	99
7'—7' 11"	—	—	9	32	34	11	86
8'—8' 11"	—	—	2	32	51	18	103
9'—9' 11"	—	—	—	21	32	14	67
10'—10' 11"	—	—	1	12	22	5	40
11'—11' 11"	—	—	—	13	5	1	19

(cont.)

Table No. 12 (continued).

Groups of size.	October.	November.	December.	January.	February.	March.	Total.
Engl. feet.							
12'—12' 11".....	—	—	—	11	13	3	27
13'—13' 11".....	—	—	—	8	—	—	8
14'—14' 11".....	—	—	—	4	4	1	9
15'—15' 11".....	—	—	—	3	2	1	6
16'—16' 11".....	—	—	—	—	1	1	2
17'—17' 11".....	—	—	—	—	—	—	—
18'—18' 11".....	—	—	—	—	—	1	1
19'—19' 11".....	—	—	—	—	—	—	—
20'—20' 11".....	—	—	—	—	—	1	1
Total fin-whale foetuses	2	5	66	332	279	69	753
Average size of foetuses	3' 0"	2' 4"	4' 5"	6' 4"	8' 3"	8' 10"	6' 9"

3. Humpback foetuses

measured in the Southern Seas in the season 1933/34.

Engl. feet.							
Less than 1'.....	1	17	11	1	—	—	30
1'—1' 11".....	—	12	7	4	1	—	24
2'—2' 11".....	—	—	3	6	—	—	9
3'—3' 11".....	—	—	—	1	—	—	1
4'—4' 11".....	—	—	—	1	—	—	1
5'—5' 11".....	—	—	—	—	—	1	1
Total humpback foetuses	1	29	21	13	1	1	66
Average size of foetuses	0' 4"	0' 10"	0' 11"	1' 10"	1' 6"	5' 1"	1' 2"

