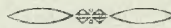


DET NORSKE HVALRÅDS STATISTISKE PUBLIKASJONER

INTERNATIONAL
WHALING STATISTICS

XLI

EDITED BY
THE COMMITTEE FOR WHALING STATISTICS



OSLO 1959

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PREFACE

The present publication, International Whaling Statistics No. XLI, comprises the whaling operations in the Antarctic during the season 1956-57 and on grounds outside the Antarctic in the calendar year 1957.

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

“*José Lopez Gutierrez S.A.*”, *Algeciras, Spain*,

“*Industrial Ballenera S.A.*”, *Canelinas and Vigo, Spain*, and 3 companies operating from *Peru*.

Further, statistical data relating to production and species of whales killed, has not been received from

“*Soc. Industrial Produtos da Pesca Ltda.*”, *Imbituba, Brazil*.

With these exceptions the statistics, to the best knowledge of the Committee, include all operations carried on in 1957.

Oslo, December 1958.

Gunnar Jahn.

Birger Bergersen.

Einar Vangstein.

INTRODUCTION

This publication comprises the world aggregate whaling results for 1957, i.e. the catch in the Antarctic during the season 1956–1957 and the catch on grounds outside the Antarctic during the calendar year 1957. Detailed information about the whaling activity in the Antarctic during the season 1956–1957 has been given in International Whaling Statistics No. XXXX. The present volume gives specifications of the operations on grounds outside the Antarctic in 1957.

In 1957 the following alterations took place as regards the participation in the catch outside the Antarctic:

“*Saldanha Whaling Limited*” resumed whaling from the shore station Donkergat at Saldanha Bay, Cape Province,

“*Nago Whaling Association*” commenced whaling from a shore station on the west coast of Okinawa in the Ryukyu Islands,

“*Compania Ballenera del Norte S.A.*” built a shore station at Tierra Colorado, Red Rock, some miles from Paita in northern Peru.

On the other hand whaling operations were not carried on in 1957 from the shore stations belonging to

“*Aukra Hval A/S*”, Hestnes, Norway and

“*Compania Maritima Pesquera S.A.*”, Chancay, Peru.

It should also be mentioned that the Dutch factory ship “*Willem Barendsz*” caught 25 sperm-whales in the South Atlantic Ocean on its way home from the Antarctic in 1957, and the Norwegian factory ship “*Norhval*” caught 28 sperm-whales in the same area on its way to the Antarctic in the same calendar year. The Japanese floating factories “*Tonan Maru*” and “*Kinjyo Maru*” caught 13 and 10 sperm-whales respectively in the Indian Ocean, and “*Nisshin Maru No. 2*” caught 48 sperm-whales in the South Pacific Ocean on their way to the Antarctic in 1957.

In 1957 whaling was carried on from the following grounds outside the Antarctic:

Africa: Natal, Cape Province.

Brazil: Paraiba, Santa Catarina.

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

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

Other grounds: South Atlantic Ocean, Indian Ocean, South Pacific Ocean, Peru, Chile, Australia, New Zealand.

These are the same grounds of operation as in 1956 with the exception of Cape Province, Ryukyu Islands, Indian Ocean and South Pacific Ocean.

From table *a*, page 13, it will be seen that whaling on grounds outside the Antarctic during the year 1957 was carried on from 49 shore stations and 3 floating factories, i.e. one shore station less than in 1956 but the same number of floating factories. The total number of catchers employed in 1957 was 149 as against 141 during the preceding season. In 1951, when the whaling outside the Antarctic reached its maximum in post-war years, the whaling matériel in operation was 50 shore stations, 7 floating factories and 208 catchers.

In the survey below is recorded the number of whales killed on grounds outside the Antarctic during the period 1937/38–1956/57. Figures for the Antarctic whaling are also included in order to give the total world whaling results during this period.

| Season | Total of whales killed | In Antarctic | | | On other grounds | | |
|--------------|------------------------|--------------|---------------|--------------|------------------|---------------|--------------|
| | | Total | Baleen whales | Sperm-whales | Total | Baleen whales | Sperm-whales |
| 1937-38..... | 54,902 | 46,039 | 45,172 | 867 | 8,863 | 5,967 | 2,896 |
| 1938-39..... | 45,783 | 38,356 | 35,771 | 2,585 | 7,427 | 4,501 | 2,926 |
| 1939-40..... | 37,709 | 32,900 | 30,962 | 1,938 | 4,809 | 2,076 | 2,733 |
| 1940-41..... | 23,638 | 16,363 | 15,559 | 804 | 7,275 | 2,438 | 4,837 |
| 1941-42..... | 8,014 | 1,425 | 1,316 | 109 | 6,589 | 1,741 | 4,848 |
| 1942-43..... | 8,372 | 998 | 974 | 24 | 7,374 | 1,895 | 5,479 |
| 1943-44..... | 6,445 | 1,799 | 1,698 | 101 | 4,646 | 2,133 | 2,513 |
| 1944-45..... | 5,919 | 2,891 | 2,846 | 45 | 3,028 | 1,404 | 1,624 |
| 1945-46..... | 19,384 | 13,387 | 13,114 | 273 | 5,997 | 2,809 | 3,188 |
| 1946-47..... | 34,820 | 25,593 | 24,162 | 1,431 | 9,227 | 3,112 | 6,115 |
| 1947-48..... | 43,382 | 31,318 | 28,696 | 2,622 | 12,064 | 4,836 | 7,228 |
| 1948-49..... | 44,002 | 31,435 | 27,357 | 4,078 | 12,567 | 7,629 | 4,938 |
| 1949-50..... | 45,060 | 32,396 | 29,669 | 2,727 | 12,664 | 7,205 | 5,459 |
| 1950-51..... | 55,795 | 33,997 | 29,029 | 4,968 | 21,798 | 8,502 | 13,296 |
| 1951-52..... | 49,815 | 35,237 | 29,752 | 5,485 | 14,578 | 8,506 | 6,072 |
| 1952-53..... | 44,988 | 30,653 | 28,321 | 2,332 | 14,335 | 7,090 | 7,245 |
| 1953-54..... | 53,642 | 34,872 | 31,993 | 2,879 | 18,770 | 8,106 | 10,664 |
| 1954-55..... | 55,062 | 37,654 | 31,864 | 5,790 | 17,408 | 7,605 | 9,803 |
| 1955-56..... | 58,126 | 38,580 | 31,606 | 6,974 | 19,546 | 7,930 | 11,616 |
| 1956-57..... | 59,056 | 36,115 | 31,686 | 4,429 | 22,941 | 8,214 | 14,727 |

During the season 1956–57 the total number of whales killed on all whaling grounds increased by about 900 animals and reached a new record figure of 59,056. In the Antarctic the total catch in 1957 decreased by 2,465 animals, while, on the other hand, the catch on grounds outside the Antarctic increased by 3,395 animals. As will appear from the survey above there has been a continual increase in the catch on grounds outside the Antarctic during all the post-war seasons, the total number of whales

killed having increased from 6,000 in 1946 to about 23,000 in 1957. Since the 1949-season this increase can mainly be attributed to the considerable increase in the catch of sperm-whales outside the Antarctic waters, viz. from about 5,000 animals in 1949 to 14,700 in 1957. It seems as if the catch of baleen whales on grounds outside the Antarctic has stabilized from 1949 onwards, the number of baleen whales killed during these years varied between 7,100 and 8,500 only.

In the annexed tables *i-z*², pages 24—32, particulars are given for a series of years in respect to the individual grounds in each area outside the Antarctic. In the following a few comments are made on the catch results from the principal grounds.

North Atlantic and Arctic. The total catch in the North Atlantic and Arctic kept on about the same level in 1957 as in the preceding seasons from and including 1952. During each of these seasons whaling was carried on chiefly from Norway, the Faroe Islands and Iceland, and the total catch was about 800 to 1,000 whales. In 1957 the total catch increased by 121 whales, from 858 in 1956 to 979 whales in 1957. This increase was mainly due to a higher catch from Faroe Islands and Iceland.

The catch off the Norwegian coast was reduced from 452 whales in 1952 to 392 in 1954, to 206 in 1956 and further to 170 in 1957 — the lowest result during the post-war years. Only 2 shore stations were operating here in 1957 as against 3 in 1956 and 1955 and 4 during the other post-war years back to 1947. The catch from Iceland, however, increased from 265 whales in 1952 to 334 in 1954, to 440 in 1956 and further to 517 in 1957, which is the highest catch recorded during the post-war seasons.

The fin-whale is the most important species of whales killed in North Atlantic and Arctic, and during all the post-war years the fin-whale catch has been dominating in these waters. A not insignificant number of blue-whales was killed during the years 1948–1951, but later this blue-whale catch has decreased considerably, to a great extent on account of the reduced activity from Newfoundland. From and including the summer 1955 the taking of blue-whales in North Atlantic and Arctic was prohibited for a period of 5 years. Denmark and Iceland, which have protested against this prohibition, in 1955 caught 1 blue-whale from the Faroe Islands, 10 blue-whales from Iceland and 1 from West Greenland, in 1956 8 blue-whales from Iceland and 1 from West Greenland, and in 1957 10 blue-whales from Iceland and 1 from West Greenland. The other countries have submitted to the said prohibition.

A comparatively high number of sperm-whales was killed in the North Atlantic and Arctic in 1956 and 1957, viz. 277 and 210 animals. Most of these sperm-whales were caught from the Faroe Islands and off Iceland.

Coast of Africa. In African waters whaling in 1957 was carried on from the coast of Natal and the coast of Cape Province. On the Natal ground

1 shore station with 11 catchers in 1957 caught 1,620 whales, while the same shore station with 13 catchers caught 1,229 whales during the preceding season. This higher catch in 1957 was due to a considerable increase in the sperm-whale catch as well as in the fin-whale catch. On the coast of Cape Province whaling was resumed in 1957 from the Donkergat station with 4 catchers. The result was 916 whales, of which 143 fin-whales and 469 sperm-whales. In 1953, the last season of operation before closing, this shore station with 6 catchers caught 693 whales, of which 126 fin-whales and 252 sperm-whales. A great number of sei-whales has been caught on the coast of Cape Province, thus in 1957 263, in 1953 295 and in 1952 711.

Pacific North (excl. Japan, Bering Sea, Kamtchatka and Kuril Islands). From California no whaling was carried on during the seasons 1952–1955. When whaling was resumed in 1956 the catch from one shore station with 2 catchers resulted in 145 whales, of which 133 were humpbacks. In 1957 the catch from one shore station with 3 catchers increased to 237 whales, of which 199 humpbacks. This was the highest number of humpbacks killed on the California ground since 1919–1924, when the annual catch of humpbacks varied between 124 and 600 animals.

After a considerable decrease in the catch from British Columbia in 1956, the whaling operations in this area in 1957 resulted in a total number of 635 whales or about the same number as in the previous seasons 1954 and 1955. During each of these 4 seasons one shore station with 6 catchers were operating off the coast of British Columbia. Of the total number of whales caught in 1957, 284 were fin-whales — the highest fin-whale catch recorded on this ground during the post-war seasons.

In 1957 whaling was commenced from a new shore station on Okinawa Island in the Ryukyu Islands. With 2 catchers a total of 23 humpbacks were killed.

Japan and Korea. During the post-war years no whaling has been carried on from Korea. On the coast of Japan 5 whaling companies were operating in 1957 from 17 shore stations and with 25 catchers. This was 3 shore stations less than during the preceding season but the same number of catchers employed as during all post-war seasons from and including 1946. The total number of whales killed in 1957 amounted to 3,109 as against 3,284 in 1956, which was the highest result ever recorded on the coast of Japan. Most of the whales were sperm-whales, in 1957 about 76 per cent of all whales killed. The baleen whale catch in the Japanese waters consists mainly of fin- and sei-whales. The sei-whale catch, however, in 1957 decreased by about 300 animals.

North Pacific Ocean and Bering Sea. The catch in these waters by Japanese floating factories has increased considerably during the latest seasons. Two floating factories with 15 catchers in 1957, with 14 catchers in 1956, 13 catchers in 1955 and 10 catchers in 1954 killed 3,341, 3,168, 2,652 and

2,217 whales, respectively. In 1953 and 1952 one floating factory with 4 catchers killed 701 and 319 whales, respectively. The majority of the whales killed in the North Pacific Ocean and Bering Sea are fin- and sperm-whales, but the catch also includes a not insignificant number of blue-whales, viz. 70 in each of the 3 last seasons, 145 in 1954 and 91 in 1953. During the last 4 seasons the fin-whale catch in these waters was far greater than on any other ground outside the Antarctic.

Kamtchatka. The Sovjet Russian floating factory, which has been operating off Kamtchatka for a series of years, in 1957 caught 1,351 whales. During each of the 4 preceding seasons the catch of this floating factory kept at a very constant level of about 1,100 whales. The catch on the Kamtchatka ground consists mainly of sperm-whales.

Kuril Islands. In 1957 whaling from the Kuril Islands was carried on from 4 shore stations with 14 catchers, and the number of whales killed was 2,162 or nearly the same as in 1956. During each of the preceding seasons back to 1950 5 shore stations were operating with 12–13 catchers, and the annual number of whales killed varied between 1,633 and 2,105 animals. As on the Kamtchatka ground, the whales killed from Kuril Islands are mainly sperm-whales. In 1957 44 blue-whales were killed from Kuril Islands, against 45 in 1956, 27 in 1955 and 23 in 1954.

Chile. During all the post-war years 2 shore stations have been operating off the coast of Chile. The total number of whales killed by 13 catchers in 1957 was 2,512, as against 1,633 by 12 catchers in 1956. This increase was due to the great sperm-whale catch in 1957 of 2,299 animals, against 1,171 in 1956. The sperm-whale catch off the Chilean coast in 1957 was the highest ever reached on this ground. The blue-whale catch, which has been quite considerable in these waters during recent post-war seasons, reached a maximum in 1956 with 209 animals. In 1957, however, this catch decreased to 100 blue-whales.

Australia. In the Australian waters whaling in 1957 was carried on from the same 5 shore stations — with about the same allotted catch quota of humpbacks as in the preceding season. The total catch in 1957 by 12 catchers amounted to 2,100 whales, of which 1,961 were humpbacks. In 1956, with 11 catchers employed, 2,051 whales were caught of which 1,989 humpbacks.

Table 2², page 32, shows the production of by-products in the Antarctic and on the individual grounds outside the Antarctic during the last two seasons.

The chief by-products are whale meat and whale meal, of which the total production in 1956–57 were 113,800 tons and 71,200 tons, respectively. Of these quanta 70,700 tons whale meat and 42,700 tons whale meal were produced in the Antarctic.

Annex.

Supplementary Tables to the Introduction.

Table a.—Whaling matériel in operation in the years 1937/38—1956/57.

| Years. ¹⁾ | All whaling grounds. | | | Antarctic. | | | Others. | | |
|----------------------|----------------------|---------------------|-----------|-----------------|---------------------|-----------|-----------------|---------------------|-----------|
| | Shore stations. | Floating factories. | Catchers. | Shore stations. | Floating factories. | Catchers. | Shore stations. | Floating factories. | Catchers. |
| 1937-38 | 37 | 35 | 357 | 2 | 31 | 256 | 35 | 4 | 101 |
| 1938-39 | 16 | 37 | 362 | 2 | 34 | 281 | 14 | 3 | 81 |
| 1939-40 | 9 | 29 | 309 | 2 | 28 | 240 | 7 | 1 | 69 |
| 1940-41 | 8 | 14 | 178 | 1 | 11 | 93 | 7 | 3 | 85 |
| 1941-42 | 8 | 2 | 55 | 2 | — | 12 | 6 | 2 | 43 |
| 1942-43 | 8 | 2 | 54 | 1 | — | 6 | 7 | 2 | 48 |
| 1943-44 | 9 | 1 | 66 | 1 | 1 | 15 | 8 | — | 51 |
| 1944-45 | 9 | 1 | 66 | 1 | 1 | 15 | 8 | — | 51 |
| 1945-46 | 38 | 11 | 158 | 3 | 9 | 93 | 35 | 2 | 65 |
| 1946-47 | 39 | 20 | 246 | 3 | 15 | 147 | 36 | 5 | 99 |
| 1947-48 | 50 | 21 | 307 | 3 | 17 | 183 | 47 | 4 | 124 |
| 1948-49 | 49 | 22 | 348 | 3 | 18 | 212 | 46 | 4 | 136 |
| 1949-50 | 50 | 22 | 382 | 3 | 18 | 237 | 47 | 4 | 145 |
| 1950-51 | 53 | 26 | 468 | 3 | 19 | 260 | 50 | 7 | 208 |
| 1951-52 | 50 | 24 | 430 | 3 | 20 | 289 | 47 | 4 | 141 |
| 1952-53 | 53 | 18 | 379 | 3 | 16 | 251 | 50 | 2 | 128 |
| 1953-54 | 50 | 21 | 368 | 3 | 17 | 227 | 47 | 4 | 141 |
| 1954-55 | 49 | 22 | 386 | 3 | 19 | 254 | 46 | 3 | 132 |
| 1955-56 | 53 | 22 | 419 | 3 | 19 | 278 | 50 | 3 | 141 |
| 1956-57 | 52 | 23 | 395 | 3 | 20 | 246 | 49 | 3 | 149 |

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

Table b.—Whales killed in the years 1937/38—1956/57, by species.

| Years. ¹⁾ | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. |
|----------------------|--------|--------|------------|-------|--------|---------|------------------|
| 1937-38..... | 15,035 | 29,680 | 5,125 | 929 | 3,763 | 370 | 54,902 |
| 1938-39..... | 14,152 | 22,622 | 1,393 | 815 | 5,511 | 1,290 | 45,783 |
| 1939-40..... | 11,560 | 19,722 | 454 | 538 | 4,671 | 764 | 37,709 |
| 1940-41..... | 5,028 | 9,150 | 2,939 | 807 | 5,641 | 73 | 23,638 |
| 1941-42..... | 81 | 2,169 | 306 | 373 | 4,957 | 128 | 8,014 |
| 1942-43..... | 151 | 1,809 | 288 | 506 | 5,503 | 115 | 8,372 |
| 1943-44..... | 353 | 2,204 | 282 | 989 | 2,614 | 3 | 6,445 |
| 1944-45..... | 1,111 | 2,617 | 303 | 218 | 1,669 | 1 | 5,919 |
| 1945-46..... | 3,675 | 10,984 | 495 | 747 | 3,461 | 22 | 19,384 |
| 1946-47..... | 9,302 | 16,495 | 290 | 1,131 | 7,546 | 56 | 34,820 |
| 1947-48..... | 7,157 | 24,028 | 515 | 1,573 | 9,850 | 259 | 43,382 |
| 1948-49..... | 7,781 | 21,763 | 3,395 | 1,855 | 9,016 | 192 | 44,002 |
| 1949-50..... | 6,313 | 22,902 | 5,063 | 2,471 | 8,186 | 125 | 45,060 |
| 1950-51..... | 7,278 | 22,819 | 4,352 | 3,033 | 18,264 | 49 | 55,795 |
| 1951-52..... | 5,436 | 25,605 | 4,023 | 3,123 | 11,557 | 71 | 49,815 |
| 1952-53..... | 4,218 | 25,581 | 3,328 | 2,208 | 9,577 | 76 | 44,988 |
| 1953-54..... | 3,009 | 31,335 | 3,155 | 2,491 | 13,543 | 109 | 53,642 |
| 1954-55..... | 2,495 | 32,185 | 2,713 | 1,940 | 15,593 | 136 | 55,062 |
| 1955-56..... | 1,987 | 31,496 | 3,880 | 2,076 | 18,590 | 97 | 58,126 |
| 1956-57..... | 1,775 | 31,626 | 3,196 | 3,138 | 19,156 | 165 | 59,056 |

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

Table c.—Whales killed in the various main areas 1937/38—1956/57.

| Years. | All areas. | | Antarctic. | | Africa. | | North Atlantic and Arctic. ¹⁾ | | Pacific, north. ²⁾ | | Japan. | |
|--------------|---|-------------------|--------------------------------|-----------|-----------------------|-----------|--|-----------|-------------------------------|-----------|-----------------------|-----------|
| | No. of whales killed. | Per cent. | No. of whales killed. | Per cent. | No. of whales killed. | Per cent. | No. of whales killed. | Per cent. | No. of whales killed. | Per cent. | No. of whales killed. | Per cent. |
| 1937-38..... | 54,902 | 100 | 46,039 | 83.9 | 3,044 | 5.5 | 750 | 1.4 | 483 | 0.9 | 1,970 | 3.6 |
| 1938-39..... | 45,783 | 100 | 38,356 | 83.8 | 2,687 | 5.9 | 802 | 1.7 | 232 | 0.5 | 2,280 | 5.0 |
| 1939-40..... | 37,709 | 100 | 32,900 | 87.3 | 1,035 | 2.7 | 78 | 0.2 | 249 | 0.7 | 2,035 | 5.4 |
| 1945-46..... | 19,384 | 100 | 13,387 | 69.1 | 984 | 5.1 | 1,145 | 5.9 | 113 | 0.6 | 1,750 | 9.0 |
| 1946-47..... | 34,820 | 100 | 25,593 | 73.5 | 1,406 | 4.0 | 1,063 | 3.1 | 402 | 1.2 | 1,642 | 4.7 |
| 1947-48..... | 43,382 | 100 | 31,318 | 72.2 | 2,308 | 5.3 | 1,644 | 3.8 | 492 | 1.1 | 1,590 | 3.7 |
| 1948-49..... | 44,002 | 100 | 31,435 | 71.4 | 4,966 | 11.3 | 1,575 | 3.6 | 509 | 1.2 | 1,483 | 3.4 |
| 1949-50..... | 45,060 | 100 | 32,396 | 71.9 | 4,122 | 9.2 | 1,698 | 3.8 | 620 | 1.4 | 1,701 | 3.8 |
| 1950-51..... | 55,795 | 100 | 33,997 | 60.9 | 4,639 | 8.3 | 1,751 | 3.1 | 817 | 1.5 | 1,962 | 3.5 |
| 1951-52..... | 49,815 | 100 | 35,237 | 70.7 | 2,945 | 5.9 | 763 | 1.5 | 895 | 1.8 | 1,998 | 4.1 |
| 1952-53..... | 44,988 | 100 | 30,653 | 68.1 | 1,708 | 3.8 | 903 | 2.0 | 539 | 1.2 | 2,048 | 4.5 |
| 1953-54..... | 53,642 | 100 | 34,872 | 65.0 | 1,088 | 2.0 | 788 | 1.5 | 630 | 1.2 | 2,354 | 4.4 |
| 1954-55..... | 55,062 | 100 | 37,654 | 68.4 | 1,310 | 2.4 | 864 | 1.6 | 630 | 1.1 | 2,387 | 4.3 |
| 1955-56..... | 58,126 | 100 | 38,580 | 66.4 | 1,229 | 2.1 | 858 | 1.5 | 520 | 0.9 | 3,284 | 5.6 |
| 1956-57..... | 59,056 | 100 | 36,115 | 61.1 | 2,536 | 4.3 | 979 | 1.7 | 895 | 1.5 | 3,109 | 5.3 |
| | North Pacific Ocean and Bering Sea (pelagic). | | Kamtschatka and Kuril Islands. | | Chile. | | Peru. | | Australia and New Zealand. | | Others. | |
| 1937-38..... | - | - | 265 | 0.5 | 338 | 0.6 | 602 | 1.1 | 994 | 1.8 | 417 | 0.7 |
| 1938-39..... | - | - | 476 | 1.0 | 469 | 1.0 | - | - | 81 | 0.2 | 400 | 0.9 |
| 1939-40..... | 673 | 1.8 ³⁾ | - | - | 78 | 0.2 | - | - | 109 | 0.3 | 552 | 1.4 |
| 1945-46..... | - | - | 466 | 2.4 | 598 | 3.1 | - | - | 110 | 0.5 | 831 | 4.3 |
| 1946-47..... | - | - ³⁾ | - | - | 851 | 2.4 | 2,890 | 8.3 | 113 | 0.3 | 860 | 2.5 |
| 1947-48..... | - | - | 1,280 | 2.9 | 1,116 | 2.6 | 2,501 | 5.8 | 96 | 0.2 | 1,037 | 2.4 |
| 1948-49..... | - | - | 2,015 | 4.6 | 991 | 2.2 | - | - | 334 | 0.7 | 694 | 1.6 |
| 1949-50..... | - | - | 2,357 | 5.2 | 1,093 | 2.4 | - | - | 467 | 1.0 | 606 | 1.3 |
| 1950-51..... | - | - | 2,583 | 4.6 | 1,094 | 2.0 | 6,414 | 11.5 | 1,335 | 2.4 | 1,203 | 2.2 |
| 1951-52..... | 319 | 0.6 | 3,111 | 6.2 | 1,374 | 2.8 | 95 | 0.2 | 1,909 | 3.8 | 1,169 | 2.4 |
| 1952-53..... | 701 | 1.6 | 2,879 | 6.4 | 1,198 | 2.7 | 1,340 | 3.0 | 2,110 | 4.7 | 909 | 2.0 |
| 1953-54..... | 2,217 | 4.1 | 2,745 | 5.1 | 1,328 | 2.5 | 4,175 | 7.8 | 2,219 | 4.1 | 1,226 | 2.3 |
| 1954-55..... | 2,652 | 4.8 | 3,031 | 5.5 | 1,298 | 2.4 | 1,887 | 3.4 | 1,966 | 3.6 | 1,383 | 2.5 |
| 1955-56..... | 3,168 | 5.4 | 3,298 | 5.7 | 1,633 | 2.8 | 2,027 | 3.5 | 2,210 | 3.8 | 1,319 | 2.3 |
| 1956-57..... | 3,341 | 5.7 | 3,513 | 5.9 | 2,512 | 4.3 | 2,381 | 4.0 | 2,286 | 3.9 | 1,389 | 2.3 |

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

Table d.—Oil production in the years 1937/38—1956/57.

| Years. | All areas. | | | Antarctic. | | | Africa. | | | North Atlantic and Arctic. ¹⁾ | | | Pacific North. ²⁾ | | | Japan | | |
|-----------|------------------------|-----|-------------------------|-------------------|----------|-------------------------|-------------------|----------|-------------------------|--|----------|-------------------------|------------------------------|----------|-------------------------|-------------------|----------|-------------------------|
| | Total oil output. | % | Oil output per catcher. | Total oil output. | % | Oil output per catcher. | Total oil output. | % | Oil output per catcher. | Total oil output. | % | Oil output per catcher. | Total oil output. | % | Oil output per catcher. | Total oil output. | % | Oil output per catcher. |
| | Barrels. ³⁾ | | | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. |
| 1937-38.. | 3,641,314 | 100 | 10,200 | 3,340,330 | 91.7 | 13,048 | 139,102 | 3.8 | 6,323 | 22,097 | 0.6 | 1,004 | 22,891 | 0.6 | 2,081 | 33,353 | 0.9 | 1,334 |
| 1938-39.. | 3,011,813 | 100 | 8,320 | 2,820,771 | 93.7 | 10,038 | 106,793 | 3.5 | 5,086 | 26,066 | 0.9 | 1,241 | 9,424 | 0.3 | 1,885 | 12,784 | 0.4 | 556 |
| 1939-40.. | 2,668,756 | 100 | 8,637 | 2,544,253 | 95.3 | 10,601 | 40,419 | 1.5 | 3,674 | 2,950 | 0.1 | 2,950 | 10,307 | 0.4 | 2,577 | 25,143 | 0.9 | 559 |
| 1945-46.. | 948,715 | 100 | 6,005 | 818,652 | 86.3 | 8,803 | 8,803 | 3.2 | 3,819 | 39,472 | 4.2 | 2,077 | 118 | - | 59 | 5,719 | 0.6 | 229 |
| 1946-47.. | 2,186,749 | 100 | 8,889 | 1,939,742 | 88.7 | 13,196 | 47,677 | 2.2 | 2,649 | 35,757 | 1.6 | 1,703 | 2,137 | 0.1 | 356 | 6,177 | 0.3 | 247 |
| 1947-48.. | 2,437,545 | 100 | 7,940 | 2,104,051 | 86.3 | 11,498 | 64,308 | 2.6 | 2,680 | 60,932 | 2.5 | 2,176 | 8,815 | 0.4 | 801 | 15,018 | 0.6 | 601 |
| 1948-49.. | 2,596,131 | 100 | 7,460 | 2,219,621 | 85.5 | 10,470 | 185,003 | 7.1 | 4,512 | 58,840 | 2.3 | 1,961 | 10,202 | 0.4 | 1,134 | 14,179 | 0.5 | 567 |
| 1949-50.. | 2,548,230 | 100 | 6,671 | 2,166,489 | 85.0 | 9,141 | 154,134 | 6.0 | 3,585 | 63,612 | 2.5 | 1,988 | 12,345 | 0.5 | 1,543 | 26,112 | 1.0 | 1,044 |
| 1950-51.. | 2,955,532 | 100 | 6,315 | 2,303,690 | 77.9 | 8,860 | 154,736 | 5.2 | 3,459 | 61,635 | 2.1 | 1,926 | 19,073 | 0.6 | 1,734 | 29,611 | 1.0 | 1,184 |
| 1951-52.. | 2,906,595 | 100 | 6,760 | 2,479,180 | 85.3 | 8,578 | 93,342 | 3.2 | 2,667 | 25,172 | 0.9 | 1,398 | 19,002 | 0.7 | 1,900 | 28,635 | 1.0 | 1,145 |
| 1952-53.. | 2,542,110 | 100 | 6,707 | 2,118,097 | 83.3 | 8,439 | 53,831 | 2.1 | 2,447 | 27,261 | 1.1 | 1,298 | 18,255 | 0.7 | 3,651 | 31,362 | 1.2 | 1,254 |
| 1953-54.. | 2,862,408 | 100 | 7,778 | 2,285,720 | 79.9 | 10,069 | 43,936 | 1.5 | 3,138 | 25,507 | 0.9 | 1,417 | 17,507 | 0.6 | 2,918 | 33,163 | 1.2 | 1,327 |
| 1954-55.. | 2,760,856 | 100 | 7,152 | 2,242,555 | 81.2 | 8,829 | 45,206 | 1.6 | 3,477 | 27,753 | 1.0 | 1,542 | 18,164 | 0.7 | 3,027 | 34,421 | 1.2 | 1,377 |
| 1955-56.. | 2,911,616 | 100 | 6,949 | 2,307,171 | 79.2 | 8,299 | 51,105 | 1.8 | 3,931 | 31,174 | 1.1 | 1,641 | 18,488 | 0.6 | 1,681 | 46,233 | 1.6 | 1,849 |
| 1956-57.. | 2,929,085 | 100 | 7,415 | 2,246,922 | 76.7 | 9,134 | 83,956 | 2.9 | 5,597 | 33,802 | 1.2 | 1,988 | 28,386 | 1.0 | 2,581 | 44,427 | 1.5 | 1,777 |

| Years. | North Pacific Ocean and Bering Sea (pelagic). | | | Kamchatka and Kuril Islands. | | | Chile. | | | Peru. | | | Australia and New Zealand. | | | Others. | | |
|-----------|---|-----|-------------------------|------------------------------|----------|-------------------------|-------------------|----------|-------------------------|-------------------|----------|-------------------------|----------------------------|----------|-------------------------|-------------------|----------|-------------------------|
| | Total oil output. | % | Oil output per catcher. | Total oil output. | % | Oil output per catcher. | Total oil output. | % | Oil output per catcher. | Total oil output. | % | Oil output per catcher. | Total oil output. | % | Oil output per catcher. | Total oil output. | % | Oil output per catcher. |
| | Barrels. ³⁾ | | | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. | Barrels. |
| 1937-38.. | - | - | - | 9,102 | 0.3 | 3,034 | 9,345 | 0.3 | - | 12,869 | 0.4 | 1,609 | 44,941 | 1.2 | 4,993 | 7,284 | 0.2 | . |
| 1938-39.. | - | - | - | 18,854 | 0.6 | 6,285 | 7,512 | 0.2 | 1,502 | - | - | - | 2,689 | 0.1 | 896 | 6,920 | 0.3 | . |
| 1939-40.. | 29,494 | 1.1 | 7,374 | ⁴⁾ - | - | - | 2,234 | 0.1 | 2,234 | - | - | - | 3,909 | 0.1 | 1,303 | 10,047 | 0.5 | . |
| 1945-46.. | - | - | - | 16,141 | 1.7 | 5,380 | 17,861 | 1.9 | 3,572 | - | - | - | 4,184 | 0.4 | 1,395 | 16,016 | 1.7 | . |
| 1946-47.. | - | - | - | ⁴⁾ - | - | - | 25,036 | 1.1 | 4,173 | 105,986 | 4.8 | 7,066 | 3,865 | 0.2 | 966 | 20,372 | 1.0 | . |
| 1947-48.. | - | - | - | 39,602 | 1.6 | 2,829 | 28,522 | 1.2 | 4,075 | 88,205 | 3.6 | 12,601 | 3,929 | 0.2 | 982 | 24,163 | 1.0 | . |
| 1948-49.. | - | - | - | 59,218 | 2.3 | 4,230 | 23,382 | 0.9 | 3,340 | - | - | - | 11,576 | 0.4 | 2,315 | 14,110 | 0.6 | . |
| 1949-50.. | - | - | - | 62,049 | 2.4 | 3,878 | 30,231 | 1.2 | 4,319 | - | - | - | 19,338 | 0.8 | 2,763 | 13,920 | 0.6 | . |
| 1950-51.. | - | - | - | 72,712 | 2.5 | 4,040 | 30,993 | 1.0 | 3,099 | 197,524 | 6.7 | 3,873 | 60,572 | 2.0 | 6,730 | 24,986 | 1.0 | . |
| 1951-52.. | 13,606 | 0.5 | 3,402 | 86,269 | 3.0 | 5,075 | 35,406 | 1.2 | 3,541 | 1,941 | 0.1 | 1,941 | 96,630 | 3.3 | 7,433 | 27,412 | 0.8 | . |
| 1952-53.. | 29,123 | 1.1 | 7,281 | 84,079 | 3.3 | 4,671 | 30,169 | 1.2 | 3,771 | 22,108 | 0.9 | 3,685 | 106,751 | 4.2 | 8,896 | 21,074 | 0.9 | . |
| 1953-54.. | 103,218 | 3.6 | 10,322 | 85,658 | 3.0 | 4,759 | 27,885 | 1.0 | 2,324 | 104,168 | 3.6 | 5,483 | 109,335 | 3.8 | 9,111 | 26,311 | 0.9 | . |
| 1954-55.. | 111,917 | 4.1 | 8,609 | 82,227 | 3.0 | 4,568 | 36,108 | 1.3 | 2,778 | 31,335 | 1.1 | 5,223 | 101,397 | 3.7 | 8,450 | 29,773 | 1.1 | . |
| 1955-56.. | 146,600 | 5.0 | 10,471 | 94,820 | 3.3 | 4,515 | 41,751 | 1.4 | 3,479 | 32,604 | 1.1 | 5,434 | 110,932 | 3.8 | 7,395 | 30,738 | 1.1 | . |
| 1956-57.. | 148,824 | 5.1 | 9,922 | 101,697 | 3.5 | 4,843 | 44,688 | 1.5 | 3,438 | 45,745 | 1.6 | 5,718 | 116,709 | 4.0 | 7,294 | 33,929 | 1.0 | . |

15

¹⁾ Excluding Spain, Portugal, Azores and Madeira. ²⁾ Excluding Japan, Korea, North Pacific Ocean and Bering Sea, Kamchatka and Kuril Islands. ³⁾ Barrel = 170 kg. (Barrel = abt. 1/4 long ton.) ⁴⁾ No returns.

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

| Years. | All countries. | Argentina. | Australia. | Brazil. | Canada. | Chile. | Denmark. | France. | Germany. | Iceland. | Japan. |
|----------------------------|----------------|------------|------------|---------|---------|--------|----------|---------|----------|----------|--------|
| <i>Absolute figures:</i> | | | | | | | | | | | |
| 1937-38.. | 54,902 | 1,062 | — | — | 310 | 338 | 208 | — | 5,839 | 147 | 7,552 |
| 1938-39.. | 45,783 | 1,024 | — | — | — | 469 | 178 | — | 5,066 | 130 | 9,820 |
| 1939-40.. | 37,709 | 705 | — | — | 220 | 78 | — | — | — | — | 9,698 |
| 1945-46.. | 19,384 | 1,082 | — | — | 179 | 598 | 175 | — | — | — | 1,863 |
| 1946-47.. | 34,820 | 857 | 2 | 25 | 157 | 851 | 284 | — | — | — | 3,181 |
| 1947-48.. | 43,382 | 814 | 4 | 36 | 480 | 1,116 | 302 | — | — | 239 | 3,157 |
| 1948-49.. | 44,002 | 919 | 193 | 38 | 448 | 991 | 335 | — | — | 324 | 3,331 |
| 1949-50.. | 45,060 | 946 | 388 | 128 | 469 | 1,093 | 478 | 2,193 | — | 265 | 4,121 |
| 1950-51.. | 55,795 | 796 | 1,224 | 179 | 646 | 1,094 | 387 | 4,079 | — | 339 | 5,043 |
| 1951-52.. | 49,815 | 798 | 1,787 | 168 | 467 | 1,374 | 44 | 436 | — | 265 | 6,578 |
| 1952-53.. | 44,988 | 678 | 2,001 | 175 | 540 | 1,198 | 190 | — | — | 332 | 5,394 |
| 1953-54.. | 53,642 | 1,083 | 2,039 | 202 | 630 | 1,328 | 62 | — | — | 334 | 8,789 |
| 1954-55.. | 55,062 | 947 | 1,854 | 213 | 632 | 1,298 | 196 | — | — | 400 | 10,997 |
| 1955-56.. | 58,126 | 812 | 2,051 | 217 | 397 | 1,633 | 190 | — | — | 440 | 12,914 |
| 1956-57.. | 59,056 | 1,108 | 2,100 | 122 | 677 | 2,512 | 250 | — | — | 517 | 14,614 |
| <i>Percentage figures:</i> | | | | | | | | | | | |
| | % | % | % | % | % | % | % | % | % | % | % |
| 1937-38.. | 100.0 | 1.9 | — | — | 0.6 | 0.6 | 0.4 | — | 10.6 | 0.3 | 13.8 |
| 1938-39.. | 100.0 | 2.2 | — | — | — | 1.0 | 0.4 | — | 11.1 | 0.3 | 21.5 |
| 1939-40.. | 100.0 | 1.9 | — | — | 0.6 | 0.2 | — | — | — | — | 25.7 |
| 1945-46.. | 100.0 | 5.6 | — | — | 0.9 | 3.1 | 0.9 | — | — | — | 9.6 |
| 1946-47.. | 100.0 | 2.5 | — | 0.1 | 0.5 | 2.4 | 0.8 | — | — | — | 9.1 |
| 1947-48.. | 100.0 | 1.9 | — | 0.1 | 1.1 | 2.6 | 0.7 | — | — | 0.6 | 7.3 |
| 1948-49.. | 100.0 | 2.1 | 0.4 | 0.1 | 1.0 | 2.2 | 0.8 | — | — | 0.7 | 7.6 |
| 1949-50.. | 100.0 | 2.1 | 0.9 | 0.3 | 1.0 | 2.4 | 1.1 | 4.9 | — | 0.6 | 9.1 |
| 1950-51.. | 100.0 | 1.4 | 2.2 | 0.3 | 1.2 | 2.0 | 0.7 | 7.3 | — | 0.6 | 9.0 |
| 1951-52.. | 100.0 | 1.6 | 3.6 | 0.3 | 0.9 | 2.8 | 0.1 | 0.9 | — | 0.5 | 13.2 |
| 1952-53.. | 100.0 | 1.5 | 4.4 | 0.4 | 1.2 | 2.7 | 0.4 | — | — | 0.7 | 12.0 |
| 1953-54.. | 100.0 | 2.0 | 3.8 | 0.4 | 1.2 | 2.5 | 0.1 | — | — | 0.6 | 16.4 |
| 1954-55.. | 100.0 | 1.7 | 3.4 | 0.4 | 1.1 | 2.4 | 0.3 | — | — | 0.7 | 20.0 |
| 1955-56.. | 100.0 | 1.4 | 3.5 | 0.4 | 0.7 | 2.8 | 0.3 | — | — | 0.8 | 22.2 |
| 1956-57.. | 100.0 | 1.9 | 3.6 | 0.2 | 1.1 | 4.3 | 0.4 | — | — | 0.9 | 24.8 |

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

years 1937/38—1939/40, and 1945/46—1956/57. All areas.

Number of whales killed.

| Years. | Netherlands | New Zealand. | Norway. | Panama. | Peru. | Portugal. | Spain. | Union of South Africa. | United Kingdom. | United States of America. | U.S.S.R. |
|----------------------------|-------------|------------------|---------|---------|-------|-----------|--------|------------------------|-----------------|---------------------------|----------|
| <i>Absolute figures:</i> | | | | | | | | | | | |
| 1937-38.. | — | 77 ¹⁾ | 15,355 | 1,527 | — | 417 | — | 5,869 | 13,286 | 2,650 | 265 |
| 1938-39.. | — | 81 ¹⁾ | 11,871 | 907 | — | 400 | — | 4,398 | 9,625 | 1,338 | 476 |
| 1939-40.. | — | 109 | 11,040 | 1,421 | — | 552 | — | 2,925 | 9,953 | 1,008 | — |
| 1945-46.. | — | 110 | 7,687 | — | — | 831 | — | 984 | 5,409 | — | 466 |
| 1946-47.. | 770 | 111 | 12,857 | — | — | 835 | — | 3,972 | 10,494 | 38 | 386 |
| 1947-48.. | 1,294 | 92 | 16,104 | — | — | 1,001 | 47 | 5,115 | 11,410 | 67 | 2,104 |
| 1948-49.. | 1,366 | 141 | 16,570 | 1,356 | — | 656 | 134 | 4,749 | 9,280 | 49 | 3,122 |
| 1949-50.. | 1,295 | 79 | 17,234 | — | — | 448 | 146 | 3,695 | 8,151 | — | 3,931 |
| 1950-51.. | 1,660 | 111 | 18,024 | 4,021 | 61 | 1,641 | 236 | 5,314 | 6,626 | 40 | 4,274 |
| 1951-52.. | 1,650 | 122 | 16,102 | 1,408 | 95 | 784 | 274 | 4,946 | 6,938 | — | 5,579 |
| 1952-53.. | 1,575 | 109 | 11,620 | 2,365 | 1,340 | 637 | 128 | 4,137 | 6,964 | — | 5,605 |
| 1953-54.. | 1,711 | 180 | 15,320 | 2,348 | 1,827 | 807 | 282 | 3,249 | 7,620 | — | 5,831 |
| 1954-55.. | 848 | 112 | 14,796 | 2,512 | 1,887 | 839 | 292 | 3,006 | 7,912 | — | 6,321 |
| 1955-56.. | 1,665 | 159 | 14,716 | 2,854 | 2,027 | 705 | 273 | 3,413 | 7,444 | 145 | 6,071 |
| 1956-57.. | 1,434 | 186 | 15,241 | — | 2,381 | 842 | 301 | 4,132 | 6,266 | 260 | 6,113 |
| <i>Percentage figures:</i> | % | % | % | % | % | % | % | % | % | % | % |
| 1937-38.. | — | 0.1 | 28.0 | 2.8 | — | 0.7 | — | 10.7 | 24.2 | 4.8 | 0.5 |
| 1938-39.. | — | 0.2 | 25.9 | 2.0 | — | 0.9 | — | 9.6 | 21.0 | 2.9 | 1.0 |
| 1939-40.. | — | 0.3 | 29.3 | 3.8 | — | 1.4 | — | 7.7 | 26.4 | 2.7 | — |
| 1945-46.. | — | 0.6 | 39.7 | — | — | 4.2 | — | 5.1 | 28.0 | — | 2.3 |
| 1946-47.. | 2.2 | 0.3 | 36.9 | — | — | 2.4 | — | 11.4 | 30.2 | 0.1 | 1.1 |
| 1947-48.. | 3.0 | 0.2 | 37.1 | — | — | 2.3 | 0.1 | 11.8 | 26.3 | 0.1 | 4.8 |
| 1948-49.. | 3.1 | 0.3 | 37.7 | 3.1 | — | 1.4 | 0.3 | 10.8 | 21.2 | 0.1 | 7.1 |
| 1949-50.. | 2.9 | 0.2 | 38.2 | — | — | 1.0 | 0.3 | 8.2 | 18.1 | — | 8.7 |
| 1950-51.. | 3.0 | 0.2 | 32.3 | 7.2 | 0.1 | 2.9 | 0.4 | 9.5 | 11.9 | 0.1 | 7.7 |
| 1951-52.. | 3.3 | 0.3 | 32.3 | 2.8 | 0.2 | 1.6 | 0.6 | 9.9 | 13.9 | — | 11.2 |
| 1952-53.. | 3.5 | 0.2 | 25.8 | 5.3 | 3.0 | 1.4 | 0.3 | 9.2 | 15.5 | — | 12.5 |
| 1953-54.. | 3.2 | 0.3 | 28.5 | 4.4 | 3.4 | 1.5 | 0.5 | 6.1 | 14.2 | — | 10.9 |
| 1954-55.. | 1.5 | 0.2 | 26.9 | 4.6 | 3.4 | 1.5 | 0.5 | 5.5 | 14.4 | — | 11.5 |
| 1955-56.. | 2.9 | 0.3 | 25.3 | 4.9 | 3.5 | 1.2 | 0.5 | 5.9 | 12.8 | 0.2 | 10.4 |
| 1956-57.. | 2.4 | 0.3 | 25.8 | — | 4.0 | 1.4 | 0.5 | 7.0 | 10.6 | 0.4 | 10.4 |

in 1938/39 1,658 whales.

Table f.—Whaling results for the various countries in the
Oil production in barrels.¹⁾

| Years. | All countries. | Argentina. | Australia. | Brazil. | Canada. | Chile. | Denmark. | France. | Germany. | Iceland. | Japan. |
|----------------------------|----------------|------------|------------|---------|---------|--------|----------|---------|----------|----------|---------|
| <i>Absolute figures:</i> | | | | | | | | | | | |
| 1937-38.. | 3,641,314 | 51,766 | — | — | 13,057 | 9,345 | 6,101 | — | 369,727 | 4,920 | 422,036 |
| 1938-39.. | 3,011,813 | 66,826 | — | — | — | 7,512 | 5,197 | — | 374,149 | 3,764 | 496,260 |
| 1939-40.. | 2,668,756 | 39,432 | — | — | 8,700 | 2,234 | — | — | — | — | 593,499 |
| 1945-46.. | 948,715 | 45,028 | — | — | 7,200 | 17,861 | 3,981 | — | — | — | 5,837 |
| 1946-47.. | 2,186,749 | 47,830 | 40 | 835 | 6,600 | 25,036 | 6,286 | — | — | — | 80,244 |
| 1947-48.. | 2,437,545 | 44,965 | 65 | 1,060 | 17,385 | 28,522 | 10,277 | — | — | 9,000 | 120,716 |
| 1948-49.. | 2,596,131 | 52,518 | 5,738 | 1,251 | 16,347 | 23,382 | 10,026 | — | — | 11,820 | 134,408 |
| 1949-50.. | 2,548,230 | 41,348 | 16,494 | 2,132 | 14,951 | 30,231 | 13,776 | 98,660 | — | 12,292 | 197,613 |
| 1950-51.. | 2,955,532 | 40,593 | 56,090 | 2,925 | 22,105 | 30,993 | 9,303 | 145,721 | — | 14,012 | 203,489 |
| 1951-52.. | 2,906,595 | 41,825 | 91,830 | 2,171 | 16,290 | 35,406 | 817 | 16,485 | — | 9,524 | 304,499 |
| 1952-53.. | 2,542,110 | 32,187 | 102,191 | 2,837 | 18,294 | 30,169 | 4,834 | — | — | 10,124 | 267,820 |
| 1953-54.. | 2,862,408 | 53,478 | 100,515 | 3,636 | 17,507 | 27,885 | 1,419 | — | — | 10,506 | 389,058 |
| 1954-55.. | 2,760,856 | 50,568 | 96,377 | 3,530 | 18,241 | 36,108 | 6,164 | — | — | 13,229 | 513,253 |
| 1955-56.. | 2,911,616 | 43,376 | 104,607 | 3,596 | 13,595 | 41,751 | 6,402 | — | — | 17,141 | 601,686 |
| 1956-57.. | 2,929,085 | 51,330 | 108,069 | 1,300 | 21,001 | 44,688 | 7,380 | — | — | 18,800 | 688,212 |
| <i>Percentage figures:</i> | | | | | | | | | | | |
| | % | % | % | % | % | % | % | % | % | % | % |
| 1937-38.. | 100.0 | 1.4 | — | — | 0.4 | 0.3 | 0.2 | — | 10.2 | 0.1 | 11.6 |
| 1938-39.. | 100.0 | 2.2 | — | — | — | 0.2 | 0.2 | — | 12.4 | 0.1 | 16.5 |
| 1939-40.. | 100.0 | 1.5 | — | — | 0.3 | 0.1 | — | — | — | — | 22.2 |
| 1945-46.. | 100.0 | 4.7 | — | — | 0.8 | 1.9 | 0.4 | — | — | — | 0.6 |
| 1946-47.. | 100.0 | 2.2 | — | — | 0.3 | 1.1 | 0.3 | — | — | — | 3.7 |
| 1947-48.. | 100.0 | 1.8 | — | — | 0.7 | 1.2 | 0.4 | — | — | 0.4 | 5.0 |
| 1948-49.. | 100.0 | 2.0 | 0.2 | — | 0.6 | 0.9 | 0.4 | — | — | 0.5 | 5.2 |
| 1949-50.. | 100.0 | 1.6 | 0.6 | 0.1 | 0.6 | 1.2 | 0.5 | 3.9 | — | 0.5 | 7.8 |
| 1950-51.. | 100.0 | 1.4 | 1.9 | 0.1 | 0.7 | 1.0 | 0.3 | 4.9 | — | 0.5 | 6.9 |
| 1951-52.. | 100.0 | 1.4 | 3.2 | 0.1 | 0.6 | 1.2 | — | 0.6 | — | 0.3 | 10.5 |
| 1952-53.. | 100.0 | 1.3 | 4.0 | 0.1 | 0.7 | 1.2 | 0.2 | — | — | 0.4 | 10.5 |
| 1953-54.. | 100.0 | 1.9 | 3.5 | 0.1 | 0.6 | 1.0 | 0.1 | — | — | 0.4 | 13.6 |
| 1954-55.. | 100.0 | 1.8 | 3.5 | 0.1 | 0.7 | 1.3 | 0.2 | — | — | 0.5 | 18.6 |
| 1955-56.. | 100.0 | 1.5 | 3.6 | 0.1 | 0.5 | 1.4 | 0.2 | — | — | 0.6 | 20.7 |
| 1956-57.. | 100.0 | 1.8 | 3.7 | 0.1 | 0.7 | 1.5 | 0.3 | — | — | 0.6 | 23.5 |

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{6}$ long ton, 1 long ton = 1,016 kg.) ²⁾ The figures include the catch

years 1937/38—1939/40 and 1945/46—1956/57. All areas.

Oil production in barrels.¹⁾

| Years. | Nether-lands. | New Zealand. | Norway. | Panama. | Peru. | Portugal. | Spain. | Union of South Africa. | United Kingdom. | United States of America. | U.S.S.R. |
|----------------------------|---------------|--------------|-------------------------|---------|--------|-----------|--------|------------------------|-----------------|---------------------------|----------|
| <i>Absolute figures:</i> | | | | | | | | | | | |
| 1937-38.. | - | 2,391 | ²⁾ 1,169,069 | 117,650 | - | 7,284 | - | 332,775 | 959,792 | 166,299 | 9,102 |
| 1938-39.. | - | 2,689 | ²⁾ 853,867 | 68,853 | - | 6,920 | - | 207,738 | 796,796 | 102,388 | 18,854 |
| 1939-40.. | - | 3,909 | 909,790 | 113,000 | - | 10,047 | - | 159,329 | 766,209 | 62,607 | - |
| 1945-46.. | - | 4,184 | 536,803 | - | - | 16,016 | - | 30,552 | 265,112 | - | 16,141 |
| 1946-47.. | 77,310 | 3,825 | 991,709 | - | - | 19,537 | - | 252,556 | 638,576 | 1,365 | 35,000 |
| 1947-48.. | 85,130 | 3,864 | 1,064,313 | - | - | 23,103 | 956 | 242,187 | 685,650 | 2,350 | 98,002 |
| 1948-49.. | 109,849 | 5,838 | 1,119,514 | 56,720 | - | 12,859 | 2,009 | 226,419 | 673,387 | 1,493 | 132,553 |
| 1949-50.. | 82,792 | 2,844 | 1,122,466 | - | - | 11,100 | 2,482 | 198,978 | 534,629 | - | 165,442 |
| 1950-51.. | 103,560 | 4,482 | 1,150,728 | 198,532 | 2,015 | 41,346 | 4,529 | 250,946 | 490,199 | 1,358 | 182,606 |
| 1951-52.. | 110,300 | 4,800 | 1,151,404 | 97,073 | 1,941 | 20,275 | 5,787 | 261,998 | 500,254 | - | 233,916 |
| 1952-53.. | 103,710 | 4,560 | 826,243 | 164,150 | 22,108 | 15,814 | 2,960 | 203,749 | 491,012 | - | 239,348 |
| 1953-54.. | 97,596 | 8,820 | 1,041,389 | 73,000 | 31,168 | 19,283 | 4,375 | 190,224 | 537,774 | - | 254,775 |
| 1954-55.. | 64,739 | 5,020 | 878,359 | 147,880 | 31,335 | 20,158 | 5,250 | 145,015 | 471,315 | - | 254,315 |
| 1955-56.. | 103,465 | 6,325 | 859,246 | 164,778 | 32,604 | 18,843 | 4,481 | 160,644 | 474,760 | 5,760 | 248,556 |
| 1956-57.. | 94,193 | 8,640 | 1,011,085 | - | 45,745 | 21,374 | 6,247 | 170,542 | 381,931 | 9,145 | 239,403 |
| <i>Percentage figures:</i> | | | | | | | | | | | |
| | % | % | % | % | % | % | % | % | % | % | % |
| 1937-38.. | - | 0.1 | 32.1 | 3.2 | - | 0.2 | - | 9.1 | 26.3 | 4.6 | 0.2 |
| 1938-39.. | - | 0.1 | 28.4 | 2.3 | - | 0.2 | - | 6.9 | 26.5 | 3.4 | 0.6 |
| 1939-40.. | - | 0.2 | 34.1 | 4.2 | - | 0.4 | - | 6.0 | 28.7 | 2.3 | - |
| 1945-46.. | - | 0.4 | 56.6 | - | - | 1.7 | - | 3.2 | 28.0 | - | 1.7 |
| 1946-47.. | 3.5 | 0.2 | 45.4 | - | - | 0.9 | - | 11.5 | 29.2 | 0.1 | 1.6 |
| 1947-48.. | 3.5 | 0.2 | 43.7 | - | - | 1.0 | - | 9.9 | 28.1 | 0.1 | 4.0 |
| 1948-49.. | 4.2 | 0.2 | 43.1 | 2.2 | - | 0.5 | 0.1 | 8.7 | 26.0 | 0.1 | 5.1 |
| 1949-50.. | 3.2 | 0.1 | 44.1 | - | - | 0.4 | 0.1 | 7.8 | 21.0 | - | 6.5 |
| 1950-51.. | 3.5 | 0.1 | 38.9 | 6.7 | 0.1 | 1.4 | 0.2 | 8.5 | 16.6 | 0.1 | 6.2 |
| 1951-52.. | 3.8 | 0.2 | 39.6 | 3.3 | 0.1 | 0.7 | 0.2 | 9.0 | 17.2 | - | 8.0 |
| 1952-53.. | 4.1 | 0.2 | 32.5 | 6.5 | 0.9 | 0.6 | 0.1 | 8.0 | 19.3 | - | 9.4 |
| 1953-54.. | 3.4 | 0.3 | 36.4 | 2.5 | 1.1 | 0.7 | 0.1 | 6.6 | 18.8 | - | 8.9 |
| 1954-55.. | 2.3 | 0.2 | 31.8 | 5.4 | 1.1 | 0.7 | 0.2 | 5.3 | 17.1 | - | 9.2 |
| 1955-56.. | 3.6 | 0.2 | 29.5 | 5.7 | 1.1 | 0.6 | 0.2 | 5.5 | 16.3 | 0.2 | 8.5 |
| 1956-57.. | 3.2 | 0.3 | 34.5 | - | 1.6 | 0.7 | 0.2 | 5.8 | 13.0 | 0.3 | 8.2 |

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

Table g.—Sperm-oil production in the years 1938/39 and 1950/51—1956/57.

| Grounds. | ¹⁾ 1938-39 | 1950-51 | 1951-52 | 1952-53 | 1953-54 | 1954-55 | 1955-56 | 1956-57 |
|----------------------------------|-----------------------|-------------------|-------------------|----------------|----------------|-------------------|---------------------|---------------------|
| | Barrels | Barrels | Barrels | Barrels | Barrels | Barrels | Barrels | Barrels |
| South Georgia | 6,971 | 9,944 | 6,417 | 6,640 | 8,677 | 4,154 | 4,119 | 3,807 |
| Antarctic, pelagic | 144,775 | 242,858 | 279,952 | 113,887 | 135,890 | 281,722 | 337,739 | 214,893 |
| Africa:— | | | | | | | | |
| Natal | 16,083 | 25,744 | 13,238 | 12,371 | 14,858 | 16,447 | 15,007 | 22,412 |
| Cape Province | — | 4,184 | 8,715 | 6,794 | — | — | — | 11,159 |
| Madagascar | 1,291 | — | — | — | — | — | — | — |
| French Congo ²⁾ | — | 2,580 | — | — | — | — | — | — |
| Spanish Morocco | — | 1,177 | 434 | 216 | 625 | — | — | — |
| South Atlantic, pelagic | — | — | — | — | — | ⁴⁾ 835 | ⁴⁾ 3,738 | ⁴⁾ 2,554 |
| Brazil: Paraiba | — | — | 20 | 45 | 45 | 15 | 51 | 35 |
| North Atlantic and Arctic:— | | | | | | | | |
| Azores | 6,920 | 16,199 | 16,167 | 12,661 | 16,761 | 15,871 | 14,244 | 16,536 |
| Madeira | — | 3,594 | 3,971 | 3,079 | 2,479 | 4,287 | 4,568 | 4,730 |
| Spain | — | 627 | 1,844 | 895 | 1,505 | 3,075 | 3,873 | 5,203 |
| Portugal | — | 209 | — | — | — | — | — | — |
| Norway | 737 | 3,734 | 2,537 | 2,343 | 4,776 | 2,070 | 2,930 | 1,337 |
| Scotland | — | 40 | — | — | — | — | — | — |
| Faroe Islands | 558 | 2,856 | 46 | 1,916 | 452 | 3,245 | 4,430 | 2,636 |
| Iceland | 183 | 647 | 94 | 2,630 | 2,894 | 1,100 | 5,676 | 5,065 |
| West Greenland | — | ³⁾ 130 | ³⁾ 161 | 112 | 224 | 396 | 567 | 1,035 |
| Newfoundland | 840 | 799 | — | — | — | — | 598 | 760 |
| Pacific North:— | | | | | | | | |
| California | — | 979 | — | — | — | — | 232 | 529 |
| British Columbia | — | 5,108 | 4,577 | 9,829 | 7,738 | 11,284 | 4,697 | 5,957 |
| Alaska | 2,655 | — | — | — | — | — | — | — |
| Bering Sea | — | — | — | — | 23,882 | 47,905 | 73,994 | 76,442 |
| Kamchatka | 7,904 | 29,919 | 26,305 | 35,316 | 26,929 | 35,369 | 37,565 | 44,720 |
| Kurul Islands | — | 36,700 | 39,722 | 34,525 | 35,082 | 36,324 | 40,374 | 40,525 |
| Japan | 10,961 | 23,146 | 20,804 | 23,722 | 26,568 | 25,580 | 36,051 | 37,614 |
| Bonin Island, pelagic | — | 1,968 | 541 | — | — | — | — | — |
| Indian Ocean | — | — | — | — | — | — | — | ⁴⁾ 742 |
| South Pacific Ocean | — | — | — | — | — | — | — | ⁴⁾ 1,712 |
| Peru | — | 195,956 | 725 | 20,474 | 102,925 | 30,667 | 32,441 | 45,745 |
| Chile | 5,928 | 21,115 | 20,925 | 16,510 | 17,194 | 18,929 | 25,517 | 38,169 |
| Australia and New Zealand | — | — | — | — | — | 243 | 2,699 | 5,334 |
| Total | 205,806 | 630,213 | 447,195 | 303,965 | 429,504 | 539,518 | 651,110 | 589,651 |
| <i>Of which produced by:</i> | | | | | | | | |
| Norway | { In Antarctic 65,976 | 129,467 | 117,737 | 29,806 | 35,252 | 139,729 | 132,469 | 99,666 |
| | { Outside " 737 | 23,399 | 2,537 | 2,343 | 4,776 | 2,905 | 2,930 | 2,187 |
| United Kingdom | { In Antarctic 16,729 | 53,407 | 67,954 | 56,165 | 50,498 | 56,902 | 65,795 | 29,149 |
| | { Outside " 840 | 784 | — | — | — | — | — | — |
| Union of South Africa | { In Antarctic 1,711 | 23,762 | 19,540 | 9,566 | 8,320 | 16,978 | 28,860 | 4,019 |
| | { Outside " 17,374 | 29,928 | 21,953 | 19,165 | 14,858 | 16,447 | 15,007 | 33,571 |
| Japan | { In Antarctic 35,797 | 22,489 | 52,429 | 6,747 | 31,853 | 51,894 | 69,964 | 72,870 |
| | { Outside " 10,961 | 25,114 | 21,345 | 23,722 | 50,450 | 73,485 | 110,045 | 116,510 |
| U.S.S.R. | { In Antarctic — | 4,823 | 7,353 | 4,190 | 9,788 | 10,029 | 10,565 | 6,571 |
| | { Outside " 7,904 | 66,619 | 66,027 | 69,841 | 62,011 | 71,693 | 77,939 | 85,245 |
| Netherlands .. | { In Antarctic — | 12,191 | 17,300 | 1,920 | 6,957 | 6,404 | 18,272 | 4,846 |
| | { Outside " — | — | — | — | — | — | — | 1,704 |
| Panama | { In Antarctic 3,078 | 2,450 | 1,127 | 9,200 | — | 2,190 | 14,540 | — |
| | { Outside " — | 72,010 | — | — | 73,000 | — | 3,738 | — |
| Argentina | In Antarctic 4,942 | 4,213 | 2,929 | 2,933 | 1,899 | 1,750 | 1,393 | 1,579 |
| Canada | Outside " — | 5,108 | 4,577 | 9,829 | 7,738 | 11,284 | 5,295 | 6,717 |
| Portugal | Outside " 6,920 | 20,750 | 20,138 | 15,740 | 19,240 | 20,158 | 18,812 | 21,266 |

(Cont. on next page.)

¹⁾ 1938-39 = Antarctic season 1938-39 and summer 1939, a.s.o. ²⁾ Incl. St. Thomé. ³⁾ Calculated. ⁴⁾ Produced by floating factories on their voyage to and from the Antarctic.

Table g (cont.)

| Grounds | ¹⁾ 1938-39 | 1950-51 | 1951-52 | 1952-53 | 1953-54 | 1954-55 | 1955-56 | 1956-57 |
|--------------------------------|-----------------------|-----------------------|---------|---------|---------|---------|---------------------|---------------------|
| | Barrels | Barrels | Barrels | Barrels | Barrels | Barrels | Barrels | Barrels |
| Spain Outside | — | 1,804 | 2,278 | 1,111 | 2,130 | 3,075 | 3,873 | 5,203 |
| Antarctic | — | 2,986 | 207 | 2,028 | 676 | 3,641 | 4,997 | 3,671 |
| Denmark Outside " | 558 | 647 | 94 | 2,630 | 2,894 | 1,100 | 5,676 | 5,065 |
| Iceland Outside " | 183 | — | 447 | 725 | 20,474 | 29,925 | 30,667 | 32,441 |
| Peru Outside " | — | — | — | — | 16,510 | 17,194 | 18,929 | 25,517 |
| Chile Outside " | 5,928 | 21,115 | 20,925 | 16,510 | 17,194 | 18,929 | 25,517 | 38,169 |
| Other countries { In Antarctic | ²⁾ 23,513 | — | — | — | — | — | — | — |
| Outside " | 2,655 | ³⁾ 106,700 | 20 | 45 | 45 | 258 | ⁴⁾ 2,982 | ⁵⁾ 5,898 |

¹⁾ 1938-39 = Antarctic season 1938-39 and summer 1939 a.s.o. ²⁾ Of which 23,281 barrels produced by Germany and 232 barrels by U.S.A. ³⁾ Of which 105,666 barrels produced by France, 979 by U.S.A., and 55 barrels by Newfoundland. ⁴⁾ Of which 2,624 barrels produced by Australia, 51 barrels by Brazil, 232 by U.S.A., and 75 barrels by New Zealand. ⁵⁾ Of which 5,334 barrels produced by Australia, 529 barrels by U.S.A., and 35 barrels by Brazil.

Table h.—Average size of whales killed in the different grounds in the years 1938, 1939, and 1952 to 1957.

| Species of whales and whaling grounds. | 1957 | 1956 | 1955 | 1954 | 1953 | 1952 | 1939 | 1938 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. |
| Blue-whales. | | | | | | | | |
| Antarctic:— | | | | | | | | |
| South Georgia | 71.71 | 81.33 | 73.00 | 73.31 | 74.00 | 72.00 | 75.81 | 70.89 |
| Pelagic whaling | 77.01 | 77.29 | 77.76 | 77.97 | 77.53 | 78.03 | 78.11 | 78.42 |
| Africa:— | | | | | | | | |
| Natal | 68.40 | 72.40 | 66.83 | 70.30 | 70.40 | 69.13 | — | 67.00 |
| Cape Province | 73.50 | — | — | — | 66.25 | 73.00 | — | — |
| Spanish Morocco | — | — | — | 64.80 | — | — | — | — |
| North Atlantic and Arctic: | | | | | | | | |
| Norway | — | — | 71.00 | 71.50 | 67.29 | 73.00 | — | — |
| Faroe Islands | — | — | 68.00 | — | 70.00 | — | — | 68.00 |
| Iceland | 71.00 | 69.13 | 69.30 | 71.11 | 66.80 | 71.14 | — | — |
| West Greenland | 78.00 | 73.00 | 92.00 | — | 75.00 | — | — | — |
| Pacific North:— | | | | | | | | |
| British Columbia | 75.00 | 74.64 | 72.36 | 74.18 | 69.88 | 72.31 | — | — |
| Bering Sea | 77.19 | 77.64 | 74.25 | 76.96 | 75.99 | 76.84 | — | — |
| Kamchatka | 72.78 | 74.57 | 75.94 | 74.00 | 74.64 | 77.86 | — | — |
| Kuril Islands | 73.58 | 75.69 | 75.37 | 74.39 | 73.80 | 74.18 | — | — |
| Japan | 71.00 | 71.29 | 71.10 | 73.81 | 70.36 | 71.48 | — | — |
| Chile | 72.68 | 72.90 | 73.31 | 75.10 | 74.11 | 58.00 | — | — |
| Australia | — | — | — | 67.00 | — | — | — | — |
| Fin-whales. | | | | | | | | |
| Antarctic:— | | | | | | | | |
| South Georgia | 63.81 | 65.00 | 64.75 | 64.04 | 65.43 | 65.97 | 65.37 | 64.52 |
| Pelagic whaling | 66.89 | 66.54 | 66.53 | 67.09 | 67.27 | 67.86 | 67.21 | 67.86 |
| Africa:— | | | | | | | | |
| Natal | 61.37 | 61.21 | 61.27 | 61.37 | 60.62 | 62.25 | — | 60.14 |
| Cape Province | 60.53 | — | — | — | 60.05 | 60.33 | — | — |
| Spanish Morocco | — | — | — | 57.50 | 61.22 | 61.92 | — | — |
| Brazil, Paraiba | — | 72.00 | — | — | — | — | — | — |
| North Atlantic and Arctic: | | | | | | | | |
| Madeira | 58.00 | — | — | — | — | — | — | — |
| Spain | — | — | — | — | 58.72 | — | — | — |

Table h (cont.).

| Species of whales and whaling grounds. | 1957 | 1956 | 1955 | 1954 | 1953 | 1952 | 1939 | 1938 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. |
| Norway | 58.93 | 59.23 | 57.89 | 59.20 | 59.48 | 58.62 | } 60.62 | } 62.08 |
| Faroe Islands | 59.57 | 59.79 | 58.95 | 58.00 | 59.90 | 56.67 | | |
| Iceland | 59.13 | 58.94 | 59.43 | 58.56 | 57.30 | 58.53 | | |
| West Greenland | 61.24 | 62.71 | 60.86 | 59.77 | 60.73 | 58.56 | | |
| Newfoundland | 60.57 | 60.29 | 57.50 | — | 57.00 | 63.00 | | |
| Pacific North:— | | | | | | | | |
| California | 61.59 | 58.33 | — | — | — | — | — | — |
| British Columbia | 59.11 | 57.42 | 57.76 | 57.19 | 58.57 | 57.65 | — | — |
| Bering Sea | 61.44 | 61.20 | 61.46 | 61.94 | 61.79 | 62.31 | — | — |
| Kamtchatka | 61.60 | 61.68 | 61.12 | 60.67 | 60.78 | 60.45 | — | — |
| Kuril Islands | 61.73 | 62.78 | 61.37 | 60.06 | 60.66 | 60.16 | — | — |
| Japan | 56.22 | 56.97 | 57.22 | 56.47 | 56.91 | 57.66 | — | — |
| Peru | — | 51.00 | — | — | — | — | — | — |
| Chile | 54.55 | 54.46 | 54.38 | 57.23 | 55.87 | 56.25 | — | — |
| Australia | — | 67.00 | — | — | 63.00 | — | — | — |
| Humpbacks. | | | | | | | | |
| Antarctic:— | | | | | | | | |
| South Georgia | — | — | 40.00 | 39.36 | 40.11 | 39.80 | — | 41.53 |
| Pelagic whaling | 41.43 | 39.99 | 41.05 | 40.34 | 40.94 | 40.42 | 39.64 | 41.07 |
| Africa:— | | | | | | | | |
| Natal | 38.41 | 38.03 | 39.29 | 37.41 | 37.82 | 38.32 | — | 36.41 |
| Cape Province | 39.00 | — | — | — | 41.00 | 40.33 | — | — |
| French Congo | — | — | — | — | — | 39.88 | — | — |
| Brazil:— | | | | | | | | |
| Paraiba | — | 41.50 | 43.00 | 40.39 | 39.50 | 41.56 | — | — |
| Santa Catarina | — | — | 39.00 | — | — | 39.00 | — | — |
| North Atlantic and Arctic: | | | | | | | | |
| Madeira | 38.00 | — | — | — | — | — | — | — |
| Norway | — | — | 42.00 | 39.83 | 43.75 | 39.50 | — | — |
| Faroe Islands | 40.00 | 46.33 | — | — | 39.00 | — | — | — |
| Iceland | — | — | — | 44.00 | 38.50 | — | — | — |
| West Greenland | — | — | — | — | 37.00 | — | — | — |
| Newfoundland | — | — | — | — | — | 39.00 | — | — |
| Pacific North:— | | | | | | | | |
| California | 40.74 | 40.89 | — | — | — | — | — | — |
| British Columbia | 40.73 | 40.11 | 39.08 | 39.68 | 39.26 | 40.41 | — | — |
| Bering Sea | — | 40.27 | 39.88 | 40.96 | 41.29 | 41.58 | — | — |
| Kamtchatka | 40.98 | 39.23 | 40.49 | 38.90 | 40.00 | 38.18 | — | — |
| Kuril Islands | 39.00 | 39.10 | 44.87 | 41.25 | 42.83 | 39.89 | — | — |
| Japan | 38.60 | 41.57 | 39.22 | 39.63 | 41.13 | 37.67 | — | — |
| Bonin Island | — | — | — | — | — | 43.00 | — | — |
| Ryukyu Islands | 40.22 | — | — | — | — | — | — | — |
| Peru | — | 38.00 | — | — | — | — | — | — |
| Chile | 41.00 | — | 45.00 | — | 44.00 | 45.00 | — | — |
| Australia | 40.84 | 41.21 | 40.90 | 39.90 | 40.01 | 40.35 | — | — |
| New Zealand | 40.37 | 40.59 | 40.54 | 40.28 | 41.32 | 40.33 | — | — |
| Sei-whales. | | | | | | | | |
| Antarctic:— | | | | | | | | |
| South Georgia | 49.50 | 49.95 | 50.00 | 49.25 | 50.11 | 50.49 | 50.89 | 49.94 |
| Pelagic whaling | 50.38 | 50.42 | 46.48 | 49.20 | 51.62 | 51.00 | 51.67 | 51.00 |
| Africa:— | | | | | | | | |
| Natal | 43.20 | 41.91 | 43.78 | 43.94 | 43.21 | 43.14 | — | — |
| Cape Province | 45.81 | — | — | — | 44.42 | 45.22 | — | — |
| French Congo | — | — | — | — | — | 43.89 | — | — |
| Spanish Morocco | — | — | — | 51.29 | 50.22 | 49.83 | — | — |
| South Atlantic, pelagic:— | — | 45.00 | — | — | — | — | — | — |
| Brazil:— | | | | | | | | |
| Paraiba | 50.93 | 49.94 | 50.31 | 50.68 | 49.69 | 45.01 | — | — |

Table h (cont.).

| Species of whales and whaling grounds. | 1957 | 1956 | 1955 | 1954 | 1953 | 1952 | 1939 | 1938 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. | Engl. ft. |
| Santa Catarina | — | — | 47.00 | — | — | 39.25 | — | — |
| North Atlantic and Arctic: | | | | | | | | |
| Spain | — | — | — | — | 41.33 | — | — | — |
| Norway | 35.00 | 44.94 | 44.30 | 44.65 | 40.63 | 43.50 | — | — |
| Faroe Islands | — | 44.33 | 42.36 | 43.33 | 40.78 | 35.00 | — | — |
| Iceland | 42.68 | 44.13 | 42.99 | 42.27 | 43.49 | 44.20 | — | — |
| West Greenland | 50.00 | 45.00 | 51.67 | — | — | — | — | — |
| Newfoundland | 49.80 | 48.50 | — | — | — | — | — | — |
| Pacific North:— | | | | | | | | |
| California | 51.00 | — | — | — | — | — | — | — |
| British Columbia | 44.47 | 44.16 | 44.23 | 43.84 | 46.29 | 44.91 | — | — |
| Bering Sea | 46.61 | 46.36 | 47.89 | 47.11 | 47.06 | 45.93 | — | — |
| Kamtschatka | 50.28 | 49.69 | 47.10 | 48.73 | 50.36 | 47.54 | — | — |
| Kuril Islands | 45.63 | 46.55 | 47.22 | 48.09 | 46.11 | 45.45 | — | — |
| Japan | 42.40 | 41.54 | 42.69 | 42.55 | 43.10 | 43.35 | — | — |
| Bonin Island | — | — | — | — | — | 41.89 | — | — |
| Chile | 44.26 | 42.71 | 42.17 | 45.50 | 44.63 | — | — | — |
| New Zealand | 43.50 | 44.00 | — | — | — | 47.00 | — | — |
| Sperm-whales. | | | | | | | | |
| Antarctic:— | | | | | | | | |
| South Georgia | 45.69 | 46.83 | 48.72 | 46.97 | 46.72 | 48.12 | 50.33 | 50.53 |
| Pelagic whaling | 48.67 | 48.39 | 48.91 | 49.20 | 49.90 | 49.93 | 52.86 | 53.27 |
| Africa:— | | | | | | | | |
| Natal | 40.03 | 40.72 | 39.54 | 43.57 | 42.72 | 43.08 | — | 42.12 |
| Cape Province | 39.41 | — | — | — | 39.19 | 39.41 | — | — |
| Spanish Morocco | — | — | — | 35.12 | 35.69 | 31.18 | — | — |
| South Atlantic, pelagic | 41.68 | 40.99 | 38.38 | — | — | — | — | — |
| Brazil:— | | | | | | | | |
| Paraiba | 35.50 | 41.00 | 40.00 | 49.00 | 54.00 | 45.00 | — | — |
| North Atlantic and Arctic: | | | | | | | | |
| Azores | 37.39 | 38.99 | — | — | — | — | — | — |
| Madeira | 39.23 | 39.57 | — | — | — | — | — | — |
| Spain | — | — | — | — | 38.32 | — | — | — |
| Norway | 48.03 | 48.47 | 46.73 | 49.63 | 49.73 | 47.35 | } 51.70 | } 53.15 |
| Faroe Islands | 46.40 | 47.12 | 46.83 | 49.45 | 46.27 | 51.00 | | |
| Iceland | 51.78 | 50.85 | 48.65 | 48.70 | 48.98 | 50.50 | | |
| West Greenland | 51.50 | 55.21 | 52.56 | 50.11 | 48.50 | 54.60 | | |
| Newfoundland | 55.71 | 51.62 | — | — | — | — | | |
| Pacific North:— | | | | | | | | |
| California | 44.43 | 43.22 | — | — | — | — | — | — |
| British Columbia | 40.89 | 41.56 | 42.48 | 42.61 | 42.96 | 42.61 | — | — |
| Bering Sea | 44.79 | 45.55 | 42.99 | 47.52 | — | — | — | — |
| Kamtschatka | 44.46 | 43.65 | 45.59 | 44.40 | 44.20 | 43.80 | — | — |
| Kuril Islands | 39.02 | 39.71 | 38.35 | 40.33 | 38.71 | 38.21 | — | — |
| Japan | 36.31 | 36.70 | 36.92 | 37.43 | 37.88 | 38.55 | — | — |
| Bonin Island | — | — | — | — | — | 45.67 | — | — |
| South Pacific Ocean, pel. | 43.67 | — | — | — | — | — | — | — |
| Indian Ocean, pel. | 43.77 | — | — | — | — | — | — | — |
| Peru | — | 39.80 | — | — | — | — | — | — |
| Chile | 37.95 | 37.96 | 39.71 | 38.46 | 39.98 | 49.91 | — | — |
| Australia | 42.86 | 44.85 | 47.00 | — | — | — | — | — |
| New Zealand | — | 48.50 | — | — | — | — | — | — |

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

| Grounds. | Years. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | | | |
|---|----------------|---------------------------|-------|------------|------|--------|------------------|------------------|---------------------|-----------------|---------------------|-----------|----|----|
| | | Blue. | Fin. | Hump-back. | Sel. | Sperm. | Others. | Total of whales | | Shore stations. | Floating factories. | Catchers. | | |
| <i>North Atlantic and Arctic. Total</i> | 1938 | 15 | 565 | 2 | 105 | 36 | ¹⁾ 27 | 750 | 22,097 | 7 | — | — | 22 | |
| | 1939 | 26 | 665 | 9 | 59 | 40 | ²⁾ 3 | 802 | 26,066 | 7 | — | — | 21 | |
| | 1948 | 88 | 1,368 | 16 | 60 | 112 | — | 1,644 | 60,932 | 9 | — | — | 28 | |
| | 1949 | 79 | 1,259 | 17 | 62 | 157 | ³⁾ 1 | 1,575 | 58,840 | 9 | — | — | 30 | |
| | 1950 | 54 | 1,422 | 29 | 21 | 170 | ³⁾ 2 | 1,698 | 63,612 | 11 | — | — | 32 | |
| | 1951 | 52 | 1,300 | 40 | 181 | 178 | — | 1,751 | 61,635 | 11 | — | — | 32 | |
| | 1952 | 15 | 635 | 3 | 51 | 59 | — | 763 | 25,172 | 7 | — | — | 18 | |
| | 1953 | 15 | 585 | 8 | 145 | 148 | ⁴⁾ 2 | 903 | 27,261 | 8 | — | — | 21 | |
| | 1954 | 11 | 486 | 7 | 116 | 168 | — | 788 | 25,507 | 7 | — | — | 18 | |
| | 1955 | 13 | 550 | 1 | 158 | 142 | — | 864 | 27,753 | 6 | — | — | 18 | |
| | 1956 | 9 | 475 | 3 | 94 | 277 | — | 858 | 31,174 | 7 | — | — | 19 | |
| | 1957 | 11 | 672 | 1 | 85 | 210 | — | 979 | 33,802 | 6 | — | — | 17 | |
| | <i>Norway.</i> | 1938 | 4 | 261 | — | 94 | 9 | ¹⁾ 27 | 395 | 11,076 | 4 | — | — | 12 |
| | | 1939 | 4 | 282 | 1 | 46 | 14 | ²⁾ 3 | 350 | 11,155 | 3 | — | — | 9 |
| 1948 | | 2 | 260 | — | 35 | 47 | — | 344 | 11,261 | 4 | — | — | 11 | |
| 1949 | | 4 | 342 | 1 | 6 | 20 | ³⁾ 1 | 374 | 11,487 | 4 | — | — | 12 | |
| 1950 | | 3 | 342 | 8 | 3 | 79 | — | 435 | 15,979 | 4 | — | — | 13 | |
| 1951 | | 4 | 321 | 5 | 11 | 76 | — | 417 | 14,779 | 4 | — | — | 12 | |
| 1952 | | 1 | 374 | 2 | 24 | 51 | — | 452 | 14,761 | 4 | — | — | 11 | |
| 1953 | | 7 | 275 | 4 | 48 | 44 | ⁴⁾ 2 | 380 | 12,264 | 4 | — | — | 11 | |
| 1954 | | 2 | 270 | 6 | 20 | 94 | — | 392 | 13,582 | 4 | — | — | 11 | |
| 1955 | | 1 | 210 | 1 | 10 | 44 | — | 266 | 8,283 | 3 | — | — | 8 | |
| 1956 | | — | 132 | — | 16 | 58 | — | 206 | 6,764 | 3 | — | — | 8 | |
| 1957 | — | 139 | — | 1 | 30 | — | 170 | 5,862 | 2 | — | — | 6 | | |
| <i>Scotland.</i> | 1950 | 2 | 33 | — | — | — | — | 35 | 1,057 | 1 | — | — | 1 | |
| | 1951 | 4 | 13 | — | 3 | 1 | — | 21 | 791 | 1 | — | — | 1 | |
| <i>Faroe Islands.</i> | 1938 | 2 | 184 | 1 | 6 | 7 | — | 200 | 6,101 | 2 | — | — | 6 | |
| | 1939 | 2 | 153 | 1 | 8 | 9 | — | 173 | ⁵⁾ 5,197 | 2 | — | — | 6 | |
| | 1948 | 3 | 223 | — | 15 | 30 | — | 271 | 10,277 | 2 | — | — | 5 | |
| | 1949 | 10 | 222 | 1 | 21 | 53 | — | 307 | 9,541 | 2 | — | — | 7 | |
| | 1950 | 6 | 377 | 1 | 2 | 46 | — | 432 | 13,232 | 2 | — | — | 6 | |
| | 1951 | 9 | 156 | — | 126 | 70 | — | 361 | 8,953 | 2 | — | — | 6 | |
| | 1952 | — | 20 | — | 2 | 1 | — | 23 | 522 | 1 | — | — | 2 | |
| | 1953 | 2 | 87 | 1 | 27 | 52 | — | 169 | 4,557 | 2 | — | — | 5 | |
| | 1954 | — | 17 | — | 3 | 11 | — | 31 | 942 | 1 | — | — | 2 | |
| | 1955 | 1 | 80 | — | 11 | 69 | — | 161 | 5,395 | 1 | — | — | 5 | |
| | 1956 | — | 43 | 3 | 3 | 97 | — | 146 | 5,460 | 1 | — | — | 5 | |
| 1957 | — | 141 | 1 | — | 57 | — | 199 | 6,016 | 1 | — | — | 5 | | |
| <i>Iceland.</i> | 1938 | 9 | 113 | — | 5 | 20 | — | 147 | 4,920 | 1 | — | — | 3 | |
| | 1939 | 13 | 109 | 1 | 3 | 4 | — | 130 | 3,764 | 1 | — | — | 3 | |
| | 1948 | 24 | 195 | — | 5 | 15 | — | 239 | 9,000 | 1 | — | — | 4 | |
| | 1949 | 33 | 249 | 2 | 12 | 28 | — | 324 | 11,820 | 1 | — | — | 4 | |
| | 1950 | 28 | 226 | — | — | 11 | — | 265 | 12,292 | 1 | — | — | 4 | |
| | 1951 | 11 | 312 | 1 | 2 | 13 | — | 339 | 14,012 | 1 | — | — | 4 | |
| | 1952 | 14 | 224 | — | 25 | 2 | — | 265 | 9,524 | 1 | — | — | 4 | |
| | 1953 | 5 | 207 | 2 | 70 | 48 | — | 332 | 10,124 | 1 | — | — | 4 | |
| | 1954 | 9 | 177 | 1 | 93 | 54 | — | 334 | 10,506 | 1 | — | — | 4 | |
| | 1955 | 10 | 236 | — | 134 | 20 | — | 400 | 13,229 | 1 | — | — | 4 | |
| | 1956 | 8 | 265 | — | 72 | 95 | — | 440 | 17,141 | 1 | — | — | 4 | |
| 1957 | 10 | 348 | — | 78 | 81 | — | 517 | 18,800 | 1 | — | — | 4 | | |

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

Table i (cont.).

| Grounds. | Years. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | | |
|--|--------|---------------------------|------|------------|------|--------|---------|------------------|-----------------|-----------------|---------------------|-----------|---|
| | | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Floating factories. | Catchers. | |
| <i>West Greenland.</i> | 1938 | - | 7 | 1 | - | - | - | 8 | Barrels. | - | - | - | 1 |
| | 1939 | - | 3 | 2 | - | - | - | 5 | - | - | - | - | 1 |
| | 1948 | 2 | 21 | 1 | 1 | 6 | - | 31 | - | - | - | - | 1 |
| | 1949 | 2 | 21 | 2 | - | 3 | - | 28 | 485 | - | - | - | 1 |
| | 1950 | - | 35 | 4 | - | 5 | 1) 2) | 46 | 544 | 1 | - | - | 1 |
| | 1951 | - | 15 | 5 | - | 6 | - | 26 | 350 | 1 | - | - | 1 |
| | 1952 | - | 16 | - | - | 5 | - | 21 | 295 | 1 | - | - | 1 |
| | 1953 | 1 | 15 | 1 | - | 4 | - | 21 | 277 | 1 | - | - | 1 |
| | 1954 | - | 22 | - | - | 9 | - | 31 | 477 | 1 | - | - | 1 |
| | 1955 | 1 | 22 | - | 3 | 9 | - | 35 | 769 | 1 | - | - | 1 |
| | 1956 | 1 | 28 | - | 1 | 14 | - | 44 | 942 | 1 | - | - | 1 |
| | 1957 | 1 | 21 | - | 1 | 28 | - | 51 | 1,364 | 1 | - | - | 1 |
| <i>Newfoundland and Labrador.³⁾</i> | 1938 | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1939 | 7 | 118 | 4 | 2 | 13 | - | 144 | 5,950 | 1 | - | - | 2 |
| | 1948 | 57 | 669 | 15 | 4 | 14 | - | 759 | 30,394 | 2 | - | - | 7 |
| | 1949 | 30 | 425 | 11 | 23 | 53 | - | 542 | 25,507 | 2 | - | - | 6 |
| | 1950 | 15 | 409 | 16 | 16 | 29 | - | 485 | 20,508 | 2 | - | - | 7 |
| | 1951 | 24 | 483 | 29 | 39 | 12 | - | 587 | 22,750 | 2 | - | - | 8 |
| | 1952 | - | 1 | 1 | - | - | - | 2 | 70 | - | - | - | - |
| | 1953 | - | 1 | - | - | - | - | 1 | 39 | - | - | - | - |
| | 1954 | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1955 | - | 2 | - | - | - | - | 2 | 77 | - | - | - | - |
| | 1956 | - | 7 | - | 2 | 13 | - | 22 | 867 | 1 | - | - | 1 |
| | 1957 | - | 23 | - | 5 | 14 | - | 42 | 1,760 | 1 | - | - | 1 |

¹⁾ Bottlenoses. ²⁾ Calculated. ³⁾ From and including 1947 some Minke-whales, bottlenoses and a great number of pilot whales (potheads) have been taken by one station and 2 whale catchers. In the seasons 1948, 1951, 1952, 1953, 1955 and 1957 a few "long whales" have been taken. These long whales together with a calculated oil production have been included in the tables. The matériel is, however, not included

Table j.—Azores.

| Years | Species of whales caught. | | | | | | | Oil production. | Expeditions. ¹⁾ | | |
|-------|---------------------------|------|------------|------|--------|---------|------------------|-----------------|----------------------------|---------------------|-----------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Floating factories. | Catchers. |
| | | | | | | | | Barrels. | | | |
| 1938 | - | - | - | - | 417 | - | 417 | 7,284 | - | - | - |
| 1939 | - | - | - | - | 400 | - | 400 | 6,920 | - | - | - |
| 1941 | - | - | - | - | 425 | - | 425 | 8,358 | - | - | - |
| 1942 | - | - | - | - | 525 | - | 525 | 12,562 | - | - | - |
| 1943 | - | - | - | - | 663 | - | 663 | 11,681 | - | - | - |
| 1944 | - | - | - | - | 591 | - | 591 | 7,103 | - | - | - |
| 1945 | - | - | - | - | 443 | - | 443 | 8,465 | - | - | - |
| 1946 | - | - | - | - | 592 | - | 592 | 11,917 | - | - | - |
| 1947 | - | - | - | - | 565 | - | 565 | 12,974 | - | - | - |
| 1948 | - | - | - | - | 698 | - | 698 | 15,488 | - | - | - |
| 1949 | - | - | - | - | 484 | - | 484 | 9,991 | - | - | - |
| 1950 | - | - | - | - | 390 | - | 390 | 9,949 | - | - | - |
| 1951 | - | - | - | - | 724 | - | 724 | 16,199 | - | - | - |
| 1952 | - | - | - | - | 618 | - | 618 | 16,167 | - | - | - |
| 1953 | - | - | - | - | 528 | - | 528 | 12,661 | - | - | - |
| 1954 | - | - | - | - | 683 | - | 683 | 16,761 | - | - | - |
| 1955 | - | - | - | - | 664 | - | 664 | 15,871 | - | - | - |
| 1956 | - | - | - | - | 536 | - | 536 | 14,244 | - | - | - |
| 1957 | - | - | - | - | 671 | - | 671 | 16,536 | - | - | - |

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

Table k.—Madeira.

| Years | Species of whales caught. | | | | | | | Oil production. | Expeditions. ¹⁾ | | |
|-------|---------------------------|------|------------|------|--------|---------|------------------|---------------------|----------------------------|----------------------|------------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Float-ing factories. | Catch-ers. |
| | | | | | | | | Barrels. | | | |
| 1941 | — | — | — | — | 76 | — | 76 | 699 | — | — | — |
| 1942 | — | — | — | — | 23 | — | 23 | 508 | — | — | — |
| 1943 | — | — | — | — | 133 | — | 133 | 2,199 | — | — | — |
| 1944 | — | — | — | — | 75 | — | 75 | ²⁾ 1,500 | — | — | — |
| 1945 | — | — | — | — | 91 | — | 91 | 2,250 | — | — | — |
| 1946 | — | — | — | — | 166 | — | 166 | 2,565 | — | — | — |
| 1947 | — | — | — | — | 109 | — | 109 | 2,585 | — | — | — |
| 1948 | — | — | — | — | 162 | — | 162 | 4,096 | — | — | — |
| 1949 | — | — | — | — | 135 | — | 135 | 1,989 | — | — | — |
| 1950 | — | — | — | — | 14 | — | 14 | 387 | — | — | — |
| 1951 | — | — | — | — | 182 | — | 182 | 3,594 | — | — | — |
| 1952 | — | 6 | — | — | 160 | — | 166 | 4,108 | — | — | — |
| 1953 | — | 2 | — | — | 107 | — | 109 | 3,153 | — | — | — |
| 1954 | — | 2 | — | — | 122 | — | 124 | 2,522 | — | — | — |
| 1955 | — | — | — | — | 175 | — | 175 | 4,287 | — | — | — |
| 1956 | — | 1 | — | — | 168 | — | 169 | 4,599 | — | — | — |
| 1957 | — | 2 | 1 | — | 168 | — | 171 | 4,838 | — | — | — |

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

Table l.—Spain.

| Years. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | |
|--------|---------------------------|------|------------|------|--------|------------------|------------------|-----------------|-----------------|----------------------|------------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Float-ing factories. | Catch-ers. |
| | | | | | | | | Barrels. | | | |
| 1950 | — | 19 | — | 8 | 3 | — | 30 | 688 | 1 | — | 2 |
| 1951 | — | 27 | — | 34 | 35 | — | 96 | 1,763 | 1 | — | 2 |
| 1952 | — | 74 | — | — | 94 | ¹⁾ 49 | 217 | 4,966 | 2 | — | 6 |
| 1953 | — | 18 | — | 12 | 38 | ¹⁾ 29 | 97 | 2,423 | 2 | — | 5 |
| 1954 | — | 30 | — | — | 105 | ¹⁾ 82 | 217 | 3,392 | 2 | — | 5 |
| 1955 | — | 36 | — | — | 158 | ¹⁾ 98 | 292 | 5,250 | 2 | — | 6 |
| 1956 | — | 5 | — | 6 | 234 | ¹⁾ 28 | 273 | 4,481 | 3 | — | 5 |
| 1957 | — | — | — | — | 241 | ¹⁾ 60 | 301 | 6,247 | 3 | — | 5 |

¹⁾ Baleen whales. No specification.

Table m.—Portugal.

| Years. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | |
|--------|---------------------------|------|------------|------|--------|-----------------|------------------|---------------------|-----------------|----------------------|------------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Float-ing factories. | Catch-ers. |
| | | | | | | | | Barrels. | | | |
| 1944 | — | 38 | — | — | 20 | — | 58 | ¹⁾ 1,470 | 1 | — | — |
| 1945 | — | 36 | — | — | 11 | — | 47 | 1,123 | 1 | — | — |
| 1946 | — | 42 | — | — | 31 | — | 73 | 1,534 | 1 | — | — |
| 1947 | — | 111 | — | — | 50 | — | 161 | 3,978 | 1 | — | 3 |
| 1948 | — | 106 | — | — | 35 | — | 141 | 3,519 | 1 | — | 3 |
| 1949 | — | 14 | — | — | 23 | — | 37 | 879 | 1 | — | 3 |
| 1950 | — | 34 | — | — | 10 | — | 44 | 764 | 1 | — | 3 |
| 1951 | 1 | 9 | — | — | 11 | ²⁾ 1 | 22 | 505 | 1 | — | 3 |

¹⁾ Calculated. ²⁾ Minke-whale.

Table n.—Africa.

| Grounds. | Years. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | | |
|----------------------------|---------------|---------------------------|-------|------------|-------|------------------|---------------------|------------------|-----------------|------------------|-----------------------|------------|----|
| | | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore sta-tions. | Float-ing fac-tories. | Catch-ers. | |
| <i>Africa. Total.</i> | 1938 | 40 | 538 | 1,927 | 66 | 473 | — | 3,044 | 139,102 | 2 | 1 | 22 | |
| | 1939 | 27 | 502 | 200 | 42 | 676 | ²⁾ 1,240 | 2,687 | 106,793 | 2 | 1 | 21 | |
| | 1948 | 21 | 632 | 196 | 196 | 1,015 | ¹⁾ 248 | 2,308 | 64,308 | 4 | — | 24 | |
| | 1949 | 23 | 707 | 2,894 | 238 | 965 | ¹⁾ 139 | 4,966 | 185,003 | 5 | 2 | 41 | |
| | 1950 | 14 | 604 | 2,273 | 438 | 693 | ¹⁾ 100 | 4,122 | 154,134 | 5 | 2 | 43 | |
| | 1951 | 24 | 1,047 | 1,217 | 1,006 | 1,319 | — | 4,639 | 154,736 | 6 | 1 | 45 | |
| | 1952 | 19 | 766 | 391 | 1,043 | 726 | — | 2,945 | 93,342 | 4 | 1 | 35 | |
| | 1953 | 9 | 576 | 98 | 400 | 618 | ¹⁾ 7 | 1,708 | 53,831 | 4 | — | 22 | |
| | 1954 | 15 | 527 | 27 | 78 | 441 | — | 1,088 | 43,936 | 2 | — | 14 | |
| | 1955 | 6 | 477 | 49 | 176 | 602 | — | 1,310 | 45,206 | 1 | — | 13 | |
| | 1956 | 5 | 613 | 36 | 101 | 474 | — | 1,229 | 51,105 | 1 | — | 13 | |
| | 1957 | 9 | 901 | 37 | 323 | 1,232 | ¹⁾ 34 | 2,536 | 83,956 | 2 | — | 15 | |
| | <i>Natal.</i> | 1938 | 39 | 536 | 175 | 64 | 425 | — | 1,239 | 54,352 | 2 | — | 16 |
| 1939 | | 27 | 502 | 200 | 42 | 615 | — | 1,386 | 51,529 | 2 | — | 16 | |
| 1948 | | 16 | 426 | 182 | 109 | 846 | — | 1,579 | 49,431 | 2 | — | 16 | |
| 1949 | | 17 | 464 | 190 | 101 | 694 | — | 1,466 | 51,983 | 2 | — | 17 | |
| 1950 | | 9 | 323 | 151 | 101 | 391 | — | 975 | 38,680 | 2 | — | 18 | |
| 1951 | | 20 | 789 | 103 | 247 | 910 | ³⁾ 2 | 2,071 | 74,446 | 2 | — | 20 | |
| 1952 | | 8 | 451 | 111 | 155 | 356 | — | 1,081 | 45,161 | 2 | — | 14 | |
| 1953 | | 5 | 441 | 89 | 96 | 353 | — | 984 | 39,313 | 2 | — | 14 | |
| 1954 | | 10 | 515 | 27 | 71 | 400 | — | 1,023 | 42,953 | 1 | — | 12 | |
| 1955 | | 6 | 477 | 49 | 176 | 602 | — | 1,310 | 45,206 | 1 | — | 13 | |
| 1956 | | 5 | 613 | 36 | 101 | 474 | — | 1,229 | 51,105 | 1 | — | 13 | |
| 1957 | 5 | 758 | 34 | 60 | 763 | — | 1,620 | 63,883 | 1 | — | 11 | | |
| <i>Cape Province.</i> | 1948 | 4 | 134 | 14 | 83 | 105 | ¹⁾ 238 | 578 | 11,700 | 1 | — | 6 | |
| | 1949 | 5 | 188 | 15 | 119 | 209 | ¹⁾ 139 | 675 | 13,708 | 1 | — | 6 | |
| | 1950 | 4 | 242 | 7 | 324 | 161 | ¹⁾ 100 | 838 | 15,000 | 1 | — | 7 | |
| | 1951 | 4 | 218 | 9 | 237 | 211 | ¹⁾ 23 | 702 | 14,589 | 1 | — | 7 | |
| | 1952 | 11 | 303 | 15 | 711 | 331 | — | 1,371 | 30,875 | 1 | — | 12 | |
| | 1953 | 4 | 126 | 9 | 295 | 252 | ¹⁾ 7 | 693 | 13,981 | 1 | — | 6 | |
| | 1957 | 4 | 143 | 3 | 263 | 469 | ¹⁾ 34 | 916 | 20,073 | 1 | — | 4 | |
| <i>Madagascar.</i> | 1938 | 1 | 2 | 1,752 | 2 | 48 | — | 1,805 | 84,750 | — | 1 | 6 | |
| | 1939 | — | — | — | — | 61 | ²⁾ 1,240 | 1,301 | 55,264 | — | 1 | 5 | |
| | 1949 | 1 | — | 1,333 | — | 1 | — | 1,335 | 60,583 | — | 1 | 8 | |
| | 1950 | 1 | 10 | 711 | 3 | ⁴⁾ 64 | — | 789 | 34,424 | — | 1 | 9 | |
| | 1952 | — | — | — | — | — | — | — | — | — | — | — | |
| <i>Congo.⁵⁾</i> | 1949 | — | — | 1,356 | — | — | — | 1,356 | 56,720 | 1 | 1 | 8 | |
| | 1950 | — | — | 1,404 | — | — | — | 1,404 | 64,236 | 1 | 1 | 7 | |
| | 1951 | — | 4 | 1,105 | 470 | 146 | ³⁾ 1 | 1,726 | 62,935 | 2 | 1 | 14 | |
| | 1952 | — | — | 265 | 171 | — | — | 436 | 16,485 | — | 1 | 7 | |
| <i>Spanish Morocco.</i> | 1948 | 1 | 72 | — | 4 | 64 | ¹⁾ 10 | 151 | 3,177 | 1 | — | 2 | |
| | 1949 | — | 55 | — | 18 | 61 | — | 134 | 2,009 | 1 | — | 2 | |
| | 1950 | — | 29 | — | 10 | 77 | — | 116 | 1,794 | 1 | — | 2 | |
| | 1951 | — | 36 | — | 52 | 52 | — | 140 | 2,766 | 1 | — | 4 | |
| | 1952 | — | 12 | — | 6 | 39 | — | 57 | 821 | 1 | — | 2 | |
| | 1953 | — | 9 | — | 9 | 13 | — | 31 | 537 | 1 | — | 2 | |
| | 1954 | 5 | 12 | — | 7 | 41 | — | 65 | 983 | 1 | — | 2 | |

¹⁾ Bryde-whales. ²⁾ No specification. ³⁾ Right-whales. ⁴⁾ 52 sperm-whales caught in the Indian Ocean. ⁵⁾ In 1951 St. Thomé included.

Table o.—South Atlantic Ocean. (North of 40° South Lat.)

Catch by floating factories on voyage to and from the Antarctic whaling grounds.

| | | | | | | | | | | | |
|------|---|---|---|---|-----|---|-----|-------|---|-------------------|-----------------|
| 1955 | — | — | — | — | 39 | — | 39 | 835 | — | ¹⁾ (2) | ¹⁾ — |
| 1956 | — | — | — | 3 | 121 | — | 124 | 3,818 | — | ¹⁾ (1) | ¹⁾ — |
| 1957 | — | — | — | — | 53 | — | 53 | 2,554 | — | ¹⁾ (2) | ¹⁾ — |

¹⁾ The matériel is included in the Antarctic statistics.

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

| Grounds. | Years. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | | |
|---------------------------------|--------|---------------------------|------|------------|------|-----------------|------------------|------------------|-------------------|-----------------|---------------------|-----------|--|
| | | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Floating factories. | Catchers. | |
| <i>Pacific North. Total.</i> | 1937 | 54 | 228 | 114 | 13 | 321 | — | 730 | 33,389 | 4 | 1 | 14 | |
| | 1938 | 37 | 115 | 16 | — | 315 | — | 483 | 22,891 | 3 | — | 11 | |
| | 1939 | 5 | 93 | 85 | — | 49 | — | 232 | 9,424 | 2 | — | 5 | |
| | 1941 | 1 | 74 | 43 | — | 234 | — | 352 | 14,313 | 3 | — | 8 | |
| | 1946 | — | — | 12 | 29 | 72 | — | 113 | ¹⁾ 118 | — | 1 | 2 | |
| | 1947 | 4 | 17 | 14 | 161 | 206 | — | 402 | 2,137 | 1 | 3 | 6 | |
| | 1948 | 1 | 59 | 134 | 107 | 191 | — | 492 | 8,815 | 2 | 2 | 11 | |
| | 1949 | 2 | 115 | 91 | 119 | 182 | — | 509 | 10,202 | 2 | 1 | 9 | |
| | 1950 | 4 | 150 | 95 | 267 | 103 | ²⁾ 1 | 620 | 12,345 | 1 | 1 | 8 | |
| | 1951 | 9 | 225 | 55 | 285 | 239 | 4 | 817 | 19,073 | 2 | 1 | 11 | |
| | 1952 | 16 | 240 | 62 | 433 | 144 | — | 895 | 19,002 | 1 | 1 | 10 | |
| | 1953 | 8 | 181 | 47 | 14 | 275 | ⁴⁾ 14 | 539 | 18,255 | 1 | — | 5 | |
| | 1954 | 11 | 150 | 106 | 134 | 226 | ²⁾ 3 | 630 | 17,507 | 1 | — | 6 | |
| | 1955 | 11 | 120 | 37 | 139 | 320 | ⁵⁾ 3 | 630 | 18,164 | 1 | — | 6 | |
| | 1956 | 14 | 171 | 161 | 37 | 136 | ⁵⁾ 1 | 520 | 18,488 | 2 | — | 8 | |
| 1957 | 15 | 306 | 271 | 94 | 204 | 5 | 895 | 28,386 | 3 | — | 11 | | |
| <i>California.</i> | 1937 | 8 | 14 | 3 | 12 | — | — | 37 | 1,002 | — | 1 | 2 | |
| | 1938 | — | — | — | — | — | — | — | — | — | — | — | |
| | 1939 | — | 2 | 59 | — | — | — | 61 | 1,837 | 1 | — | 2 | |
| | 1941 | — | 7 | 16 | — | 1 | — | 24 | 683 | 1 | — | 2 | |
| | 1947 | — | 17 | 13 | 3 | 5 | — | 38 | 1,365 | 1 | — | 2 | |
| | 1948 | — | 19 | 16 | — | 32 | — | 67 | 2,350 | 1 | — | 2 | |
| | 1949 | — | 10 | 11 | — | 28 | — | 49 | 1,493 | 1 | — | 2 | |
| | 1950 | — | — | — | — | — | — | — | — | — | — | — | |
| | 1951 | — | 9 | 4 | — | 26 | ²⁾ 1 | 40 | 1,358 | 1 | — | 2 | |
| | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 1956 | — | 3 | 133 | — | 9 | — | 145 | 5,760 | 1 | — | 2 | |
| 1957 | — | 22 | 199 | 1 | 14 | ²⁾ 1 | 237 | 8,741 | 1 | — | 3 | | |
| <i>British Columbia.</i> | 1937 | 1 | 44 | 7 | — | 265 | — | 317 | 14,719 | 2 | — | 6 | |
| | 1938 | 4 | 50 | 4 | — | 252 | — | 310 | 13,157 | 2 | — | 6 | |
| | 1941 | 1 | 67 | 27 | — | 233 | — | 328 | 13,630 | 2 | — | 6 | |
| | 1948 | — | 37 | 115 | 2 | 28 | — | 182 | 5,679 | 1 | — | 4 | |
| | 1949 | 2 | 105 | 76 | 3 | 69 | — | 255 | 7,841 | 1 | — | 3 | |
| | 1950 | 4 | 150 | 95 | 24 | 40 | ²⁾ 1 | 314 | 9,598 | 1 | — | 4 | |
| | 1951 | 9 | 216 | 51 | 5 | 153 | ³⁾ 3 | 437 | 14,433 | 1 | — | 6 | |
| | 1952 | 16 | 240 | 61 | 22 | 126 | — | 465 | 16,220 | 1 | — | 5 | |
| | 1953 | 8 | 181 | 47 | 14 | 275 | ⁴⁾ 14 | 539 | 18,255 | 1 | — | 5 | |
| | 1954 | 11 | 150 | 106 | 134 | 226 | ²⁾ 3 | 630 | 17,507 | 1 | — | 6 | |
| | 1955 | 11 | 120 | 37 | 139 | 320 | ⁵⁾ 3 | 630 | 18,164 | 1 | — | 6 | |
| 1956 | 14 | 168 | 28 | 37 | 127 | ⁵⁾ 1 | 375 | 12,728 | 1 | — | 6 | | |
| 1957 | 15 | 284 | 49 | 93 | 190 | ⁵⁾ 4 | 635 | 19,241 | 1 | — | 6 | | |
| <i>Alaska.</i> | 1937 | 45 | 170 | 104 | 1 | 56 | — | 376 | 17,668 | 2 | — | 6 | |
| | 1938 | 33 | 65 | 12 | — | 63 | — | 173 | 9,734 | 1 | — | 5 | |
| | 1939 | 5 | 91 | 26 | — | 49 | — | 171 | 7,587 | 1 | — | 3 | |
| <i>Bonin Island, pelagic.</i> | 1946 | — | — | 12 | 29 | 72 | — | 113 | ¹⁾ 118 | — | 1 | 2 | |
| | 1947 | 4 | — | 1 | 158 | 201 | — | 364 | ¹⁾ 772 | — | 3 | 4 | |
| | 1948 | 1 | 3 | 3 | 105 | 131 | — | 243 | ¹⁾ 786 | — | 2 | 5 | |
| | 1949 | — | — | 4 | 116 | 85 | — | 205 | ¹⁾ 868 | — | 1 | 4 | |
| | 1950 | — | — | — | 243 | 63 | — | 306 | 2,747 | — | 1 | 4 | |
| | 1951 | — | — | — | 280 | 60 | — | 340 | 3,282 | — | 1 | 3 | |
| 1952 | — | — | 1 | 411 | 18 | — | 430 | 2,782 | — | 1 | 5 | | |
| <i>Ryukyu Islands (Okinawa)</i> | 1957 | — | — | 23 | — | — | — | 23 | 404 | 1 | — | 2 | |

¹⁾ The whale is mainly used for human food. ²⁾ Bottlenose. ³⁾ 1 right-whale, 1 Calif. grey-whale¹ 1 bottlenose. ⁴⁾ 10 grey-whales and 4 bottlenoses. ⁵⁾ Baird's beaked whales.

Table q.—Japan and Korea.

| Years. | Species of whales caught. | | | | | | Total of whales. | Oil production. | Expeditions. | | |
|--------|---------------------------|------|------------|------|--------|---------|------------------|-----------------|--------------|-----------------|---------------------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | | | Barrels. | Shore stations. | Floating factories. |
| 1938 | 4 | 293 | 60 | 553 | 785 | 1) 275 | 1,970 | 33,353 | 21 | — | 25 |
| 1939 | 10 | 241 | 86 | 677 | 1,266 | — | 2,280 | 12,784 | 2) — | — | 23 |
| 1942 | 12 | 418 | 30 | 255 | 427 | 4) 6 | 1,148 | 10,832 | 2) — | — | 18 |
| 1943 | 15 | 315 | 69 | 352 | 727 | 3) 13 | 1,491 | 16,723 | 2) — | — | 21 |
| 1944 | 2 | 376 | 64 | 734 | 990 | 3) 3 | 2,169 | 25,182 | 2) — | — | 33 |
| 1945 | 10 | 169 | 11 | 74 | 266 | 3) 1 | 531 | 6,082 | 2) — | — | 30 |
| 1946 | 8 | 232 | 8 | 545 | 957 | — | 1,750 | 5,719 | 23 | — | 25 |
| 1947 | 30 | 257 | 8 | 383 | 964 | — | 1,642 | 6,177 | 19 | — | 25 |
| 1948 | 49 | 176 | 8 | 533 | 823 | 3) 1 | 1,590 | 15,018 | 20 | — | 25 |
| 1949 | 14 | 209 | — | 759 | 501 | — | 1,483 | 14,179 | 17 | — | 25 |
| 1950 | 7 | 141 | 5 | 299 | 1,249 | — | 1,701 | 26,112 | 16 | — | 25 |
| 1951 | 47 | 209 | 4 | 419 | 1,283 | — | 1,962 | 29,611 | 17 | — | 25 |
| 1952 | 27 | 231 | 3 | 666 | 1,071 | — | 1,998 | 28,635 | 18 | — | 25 |
| 1953 | 22 | 246 | 9 | 585 | 1,186 | — | 2,048 | 31,362 | 18 | — | 25 |
| 1954 | 16 | 197 | 8 | 646 | 1,487 | — | 2,354 | 33,163 | 18 | — | 25 |
| 1955 | 30 | 354 | 9 | 488 | 1,506 | — | 2,387 | 34,421 | 19 | — | 25 |
| 1956 | 14 | 347 | 14 | 782 | 2,125 | 3) 2 | 3,284 | 46,233 | 20 | — | 25 |
| 1957 | 5 | 260 | 5 | 478 | 2,361 | — | 3,109 | 44,427 | 17 | — | 25 |

1) Different kinds of small whales and 2 right-whales. 2) No information of the number of shore stations in operation. 3) Right-whales. 4) 1 grey-whale and 5 right-whales.

Table r.—North Pacific Ocean and Bering Sea.

| Years. | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | Barrels. | Shore stations. | Floating factories. | Catchers. |
|--------|-------|-------|------------|------|--------|---------|------------------|----------|-----------------|---------------------|-----------|
| | | | | | | | | | | | |
| 1941 | 40 | 367 | 6 | 7 | 156 | 2) 3 | 579 | 23,822 | — | 1 | 7 |
| — | — | — | — | — | — | — | — | — | — | — | — |
| 1952 | 55 | 213 | 37 | 14 | — | — | 319 | 13,606 | — | 1 | 4 |
| 1953 | 91 | 470 | 42 | 98 | — | — | 701 | 29,123 | — | 1 | 4 |
| 1954 | 145 | 1,316 | 136 | 129 | 491 | — | 2,217 | 103,218 | — | 2 | 10 |
| 1955 | 70 | 1,360 | 117 | 21 | 1,084 | — | 2,652 | 111,917 | — | 2 | 13 |
| 1956 | 70 | 1,415 | 37 | 48 | 1,598 | — | 3,168 | 146,600 | — | 2 | 14 |
| 1957 | 70 | 1,405 | — | 166 | 1,700 | — | 3,341 | 148,824 | — | 2 | 15 |

1) No specification. 2) Right-whales.

Table s.—Kamtchatka.

| Years. | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | Barrels. | Shore stations. | Floating factories. | Catchers. |
|--------------------|-------|------|------------|------|--------|---------|------------------|----------|-----------------|---------------------|-----------|
| | | | | | | | | | | | |
| 1939 | — | 238 | 43 | — | 154 | 2) 41 | 476 | 18,854 | — | 1 | 3 |
| 1940 ³⁾ | — | — | — | — | — | — | — | — | — | — | — |
| 1941 | 9 | 254 | 7 | 11 | 194 | 4) 68 | 543 | 18,235 | — | 1 | 3 |
| 1942 | 2 | 203 | 12 | — | 215 | 5) 122 | 554 | 14,500 | — | 1 | 3 |
| 1943 | — | 132 | 29 | — | 216 | 6) 101 | 478 | 15,941 | — | 1 | 3 |
| — ³⁾ | — | — | — | — | — | — | — | — | — | — | — |
| 1946 | 2 | 117 | 9 | — | 316 | 7) 22 | 466 | 16,141 | — | 1 | 3 |
| 1947 ³⁾ | — | — | — | — | — | — | — | — | — | — | — |
| 1948 | 3 | 229 | 8 | 3 | 574 | 8) 3 | 820 | 28,383 | — | 1 | 4 |
| 1949 | 3 | 64 | — | 21 | 774 | 9) 6 | 868 | 33,045 | — | 1 | 4 |
| 1950 | 5 | 92 | 4 | 7 | 587 | 10) 4 | 699 | 27,046 | — | 1 | 4 |
| 1951 | 7 | 90 | 1 | 16 | 765 | 11) 5 | 884 | 32,650 | — | 1 | 5 |
| 1952 | 7 | 234 | 17 | 13 | 731 | 12) 4 | 1,006 | 34,811 | — | 1 | 5 |
| 1953 | 11 | 145 | 11 | 26 | 865 | 13) 3 | 1,061 | 41,493 | — | 1 | 5 |
| 1954 | 12 | 238 | 21 | 22 | 816 | 14) 3 | 1,112 | 36,264 | — | 1 | 5 |
| 1955 | 4 | 79 | 8 | 28 | 996 | 13) 1 | 1,116 | 38,248 | — | 1 | 5 |
| 1956 | 7 | 65 | 31 | 16 | 998 | 15) 2 | 1,119 | 40,571 | — | 1 | 6 |
| 1957 | 9 | 81 | 50 | 36 | 1,174 | 13) 1 | 1,351 | 49,282 | — | 1 | 7 |

1) Grey-whales. 2) 29 grey-whales and 12 without specification. 3) No returns. 4) 2 Minke-whales, 57 grey-whales, 5 bottlenoses, and 4 dolphins. 5) 3 Minke-whales, 101 grey-whales, 7 bottlenoses, and 11 dolphins. 6) 99 grey-whales, 1 bottlenose, and 1 dolphin. 7) No specification. 8) 2 bottlenoses and 1 whale-killer. 9) 2 Minke-whales and 4 whale-killers. 10) 1 Minke-whale and 3 bottlenoses. 11) 2 Minke-whales and 3 bottlenoses. 12) 2 Minke-whales and 2 bottlenoses. 13) Bottlenoses. 14) 1 Minke-whale and 2 bottlenoses. 15) 1 Minke whale and 1 bottlenose.

Table t.—Kuril Islands.

| Years. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | |
|--------|---------------------------|------|------------|------|--------|-------------------|------------------|-----------------|-----------------|---------------------|------------------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Floating factories. | Catchers. |
| | | | | | | | | Barrels. | | | |
| 1948 | — | 26 | 5 | 36 | 390 | ¹⁾ 3 | 460 | 11,219 | 5 | — | 10 |
| 1949 | — | 53 | 7 | 60 | 986 | ²⁾ 41 | 1,147 | 26,173 | 5 | — | 10 |
| 1950 | 2 | 106 | 18 | 49 | 1,471 | ³⁾ 12 | 1,658 | 35,003 | 5 | — | 12 |
| 1951 | 9 | 156 | 8 | 52 | 1,462 | ⁴⁾ 12 | 1,699 | 40,062 | 5 | — | 13 |
| 1952 | 17 | 241 | 9 | 188 | 1,641 | ⁵⁾ 9 | 2,105 | 51,458 | 5 | — | 12 |
| 1953 | 10 | 179 | 6 | 86 | 1,521 | ⁶⁾ 16 | 1,818 | 42,586 | 5 | — | 13 |
| 1954 | 23 | 266 | 8 | 126 | 1,192 | ⁷⁾ 18 | 1,633 | 49,394 | 5 | — | 13 |
| 1955 | 27 | 219 | 23 | 128 | 1,494 | ⁸⁾ 24 | 1,915 | 43,979 | 5 | — | 13 |
| 1956 | 45 | 241 | 10 | 171 | 1,693 | ⁹⁾ 19 | 2,179 | 54,249 | 4 | — | 15 ¹⁾ |
| 1957 | 44 | 173 | 2 | 108 | 1,821 | ¹⁰⁾ 14 | 2,162 | 52,415 | 4 | — | 14 |

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

Table u.—Brazil.

| Years. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | |
|--------|---------------------------|------|------------|------|--------|-----------------|------------------|-----------------|-----------------|---------------------|-----------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Floating factories. | Catchers. |
| | | | | | | | | Barrels. | | | |
| 1947 | — | — | 11 | 14 | — | — | 25 | 835 | 1 | — | 1 |
| 1948 | 1 | — | 21 | 10 | — | ¹⁾ 4 | 36 | 1,060 | 2 | — | 1 |
| 1949 | — | — | 15 | 18 | — | ²⁾ 5 | 38 | 1,251 | 2 | — | 2 |
| 1950 | — | — | 24 | 98 | — | ¹⁾ 6 | 128 | 2,132 | 2 | — | 2 |
| 1951 | — | — | 28 | 151 | — | — | 179 | 2,925 | 1 | — | 2 |
| 1952 | — | — | 10 | 157 | 1 | — | 168 | 2,171 | 2 | — | 2 |
| 1953 | — | — | 8 | 161 | 1 | ³⁾ 5 | 175 | 2,837 | 2 | — | 2 |
| 1954 | — | — | 18 | 183 | 1 | — | 202 | 3,636 | 1 | — | 2 |
| 1955 | — | — | 9 | 200 | 1 | ⁴⁾ 3 | 213 | 3,530 | 2 | — | 2 |
| 1956 | — | 1 | 14 | 196 | 3 | ¹⁾ 3 | 217 | 3,596 | 2 | — | 3 |
| 1957 | — | — | — | 115 | 2 | ¹⁾ 5 | 122 | 1,300 | 2 | — | 3 |

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

Table v.—Peru.

| | | | | | | | | | | | |
|------|----|----|----|----|-------|---|-------|---------|---|---|----|
| 1938 | — | — | — | — | 602 | — | 602 | 12,869 | — | 1 | 8 |
| — | — | — | — | — | — | — | — | — | — | — | — |
| 1941 | — | — | — | — | 1,914 | — | 1,914 | 41,359 | — | 1 | 8 |
| 1942 | — | — | — | — | 3,346 | — | 3,346 | 64,500 | — | 1 | 8 |
| 1943 | — | — | — | — | 3,299 | — | 3,299 | 72,000 | — | 1 | 8 |
| — | — | — | — | — | — | — | — | — | — | — | — |
| 1947 | — | 1 | 2 | — | 2,887 | — | 2,890 | 105,986 | — | 2 | 15 |
| 1948 | 1 | 2 | — | 1 | 2,497 | — | 2,501 | 88,205 | — | 1 | 7 |
| — | — | — | — | — | — | — | — | — | — | — | — |
| 1951 | 4 | 21 | 23 | 1 | 6,365 | — | 6,414 | 197,524 | 1 | 4 | 51 |
| 1952 | 7 | 14 | 20 | 17 | 37 | — | 95 | 1,941 | 1 | — | 1 |
| 1953 | 10 | 28 | 6 | 36 | 1,260 | — | 1,340 | 22,108 | 3 | — | 6 |
| 1954 | 8 | 30 | 1 | 2 | 4,134 | — | 4,175 | 104,168 | 3 | 1 | 19 |
| 1955 | 8 | 7 | 2 | 1 | 1,869 | — | 1,887 | 31,335 | 2 | — | 6 |
| 1956 | — | 1 | 7 | — | 2,019 | — | 2,027 | 32,604 | 2 | — | 6 |
| 1957 | — | — | — | — | 2,381 | — | 2,381 | 45,745 | 3 | — | 8 |

Table w.—Chile.

| Years. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | |
|--------|---------------------------|------|------------|------|--------|------------------|------------------|-----------------|-----------------|---------------------|-----------------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations- | Floating factories- | Catchers. |
| | | | | | | | | Barrels. | | | |
| 1938 | 15 | 56 | 6 | 44 | 203 | ¹⁾ 14 | 338 | 9,345 | ²⁾ 1 | ²⁾ — | ²⁾ 1 |
| 1939 | 2 | 99 | 7 | 15 | 341 | ¹⁾ 5 | 469 | 7,512 | 2 | — | 5 |
| 1947 | 24 | 88 | 17 | 2 | 720 | — | 851 | 25,036 | 2 | — | 6 |
| 1948 | 85 | 289 | 5 | 6 | 731 | — | 1,116 | 28,522 | 2 | — | 7 |
| 1949 | 35 | 219 | 6 | — | 731 | — | 991 | 23,382 | 2 | — | 7 |
| 1950 | 45 | 274 | 5 | — | 769 | — | 1,093 | 30,231 | 2 | — | 7 |
| 1951 | 77 | 279 | 3 | 2 | 733 | — | 1,094 | 30,993 | 2 | — | 10 |
| 1952 | 143 | 424 | 7 | 10 | 790 | — | 1,374 | 35,406 | 2 | — | 10 |
| 1953 | 172 | 283 | 21 | 24 | 698 | — | 1,198 | 30,169 | 2 | — | 8 |
| 1954 | 70 | 434 | — | 26 | 798 | — | 1,328 | 27,885 | 2 | — | 12 |
| 1955 | 150 | 359 | 5 | 32 | 746 | ¹⁾ 6 | 1,298 | 36,108 | 2 | — | 13 |
| 1956 | 209 | 202 | 3 | 48 | 1,171 | — | 1,633 | 41,751 | 2 | — | 12 |
| 1957 | 100 | 69 | 5 | 39 | 2,299 | — | 2,512 | 44,688 | 2 | — | 13 |

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

Table x.—South Pacific Ocean. (North of 40° South Lat.)¹⁾

| | | | | | | | | | | | |
|------|---|---|---|---|----|---|----|-------|---|-------------------|-----------------|
| 1957 | — | — | — | — | 48 | — | 48 | 1,712 | — | ²⁾ (1) | ²⁾ — |
|------|---|---|---|---|----|---|----|-------|---|-------------------|-----------------|

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

Table y.—Indian Ocean. (North of 40° South Lat.)¹⁾

| | | | | | | | | | | | |
|------|---|---|---|---|----|---|----|-----|---|-------------------|-----------------|
| 1957 | — | — | — | — | 23 | — | 23 | 742 | — | ²⁾ (2) | ²⁾ — |
|------|---|---|---|---|----|---|----|-----|---|-------------------|-----------------|

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

Table z.—Australia.

| | | | | | | | | Barrels. | | | |
|------|---|---|-------|---|-----|-----------------|-------|----------|---|---|----|
| 1938 | — | — | 917 | — | — | — | 917 | 42,550 | — | 1 | 6 |
| — | — | — | — | — | — | — | — | — | — | — | — |
| 1947 | — | — | 2 | — | — | — | 2 | 40 | 1 | — | 1 |
| 1948 | — | — | 4 | — | — | — | 4 | 65 | 1 | — | 1 |
| 1949 | — | — | 193 | — | — | — | 193 | 5,738 | 2 | — | 2 |
| 1950 | — | — | 388 | — | — | — | 388 | 16,494 | 2 | — | 4 |
| 1951 | — | — | 1,224 | — | — | — | 1,224 | 56,090 | 2 | — | 6 |
| 1952 | — | — | 1,787 | — | — | — | 1,787 | 91,830 | 4 | — | 10 |
| 1953 | — | 1 | 2,000 | — | — | — | 2,001 | 102,191 | 4 | — | 9 |
| 1954 | 1 | — | 2,038 | — | — | — | 2,039 | 100,515 | 5 | — | 9 |
| 1955 | — | — | 1,846 | — | 7 | ¹⁾ 1 | 1,854 | 96,377 | 5 | — | 9 |
| 1956 | — | 1 | 1,989 | — | 61 | — | 2,051 | 104,607 | 5 | — | 11 |
| 1957 | — | — | 1,961 | — | 139 | — | 2,100 | 108,069 | 5 | — | 12 |

¹⁾ Minke-whale.

Table z¹.—New Zealand.

| | | | | | | | | Barrels. | | | |
|------|---|---|-----|----|---|---|-----|----------|---|---|---|
| 1938 | 1 | — | 75 | — | 1 | — | 77 | 2,391 | 1 | — | 3 |
| 1939 | 1 | — | 80 | — | — | — | 81 | 2,689 | 1 | — | 3 |
| 1945 | — | — | 107 | — | — | — | 107 | 4,482 | 1 | — | 3 |
| 1946 | — | — | 110 | — | — | — | 110 | 4,184 | 1 | — | 3 |
| 1947 | 1 | — | 101 | — | 9 | — | 111 | 3,825 | 1 | — | 3 |
| 1948 | — | — | 92 | — | — | — | 92 | 3,864 | 1 | — | 3 |
| 1949 | — | — | 141 | — | — | — | 141 | 5,838 | 1 | — | 3 |
| 1950 | — | — | 79 | — | — | — | 79 | 2,844 | 1 | — | 3 |
| 1951 | — | — | 111 | — | — | — | 111 | 4,482 | 1 | — | 3 |
| 1952 | — | — | 121 | 1 | — | — | 122 | 4,800 | 1 | — | 3 |
| 1953 | — | — | 109 | — | — | — | 109 | 4,560 | 1 | — | 3 |
| 1954 | — | — | 180 | — | — | — | 180 | 8,820 | 1 | — | 3 |
| 1955 | — | — | 112 | — | — | — | 112 | 5,020 | 1 | — | 3 |
| 1956 | — | — | 143 | 14 | 2 | — | 159 | 6,325 | 2 | — | 4 |
| 1957 | — | — | 184 | 2 | — | — | 186 | 8,640 | 2 | — | 4 |

Table z.—Production of by-products in the Antarctic and on other¹ whaling grounds 1952/53—1956/57.

| Year f Grounds | By-products | Whale | Whale liver | Liver- | Liver- | Meat | Whale meat, blubber for food, ventral grooves | Whale solubles | Other by- products |
|-----------------------|-------------|--|-------------|------------------------|---------|--------------------------------------|---|-------------------|--------------------------|
| | | meat-meal, bone-meal, grax-meal, guano, | | oil, vitamin oil | | meat extract, liver extract | | | |
| | | Long tons | L. tons | L. tons | L. tons | L. tons | L. tons | L. tons | L. tons |
| 1952-53..... | Total | 44,586 | 1,380 | 186 | 526 | 168 | 54,703 | 10,410 | 2,924 |
| 1953-54..... | " | 52,028 | 1,067 | 247 | 465 | 286 | 70,592 | 13,262 | 4,991 |
| 1954-55..... | " | 55,327 | 1,186 | 568 | 255 | 459 | 77,929 | 10,949 | 6,302 |
| | 1955-56. | | | | | | | | |
| Antarctic..... | | 43,189 | 755 | 252 | 162 | 265 | 45,835 | 7,546 | 2,550 |
| Africa:—Natal | | 3,690 | — | — | — | — | — | — | — |
| Brazil:—Paraiba... | | 450 | — | — | — | — | — | — | — |
| North Atl. and Arctic | | | | | | | | | |
| Azores..... | | 379 | — | — | — | — | — | — | — |
| Madeira..... | | 177 | — | — | — | — | — | — | — |
| Spain..... | | 451 | — | — | — | — | 203 | — | — |
| Norway..... | | 354 | 40 | — | — | — | 1,400 | — | — |
| Faroe Islands... | | 271 | — | — | — | — | 338 | — | 4 |
| Iceland..... | | 1,005 | 57 | — | — | — | 2,990 | — | — |
| West Greenland. | | — | — | — | — | — | 282 | — | 1 |
| Labrador..... | | 49 | — | — | — | — | — | — | — |
| Pacific North:— | | | | | | | | | |
| British Columbia. | | 1,447 | — | 1) ¹ — | — | — | 1,182 | 2,933 | — |
| California..... | | 686 | — | — | — | — | 604 | — | — |
| Bering Sea..... | | — | — | 102 | — | — | 15,213 | — | 1,616 |
| Kamtschatka..... | | — | 151 | — | — | — | 430 | — | 14 |
| Kuril Islands.... | | — | 277 | — | — | — | 1,865 | — | 931 |
| Japan..... | | 5,929 | — | — | — | — | 17,052 | — | 1,776 |
| Chile..... | | 2,818 | — | — | — | — | 100 | — | — |
| Peru..... | | 1,507 | — | — | — | — | — | — | — |
| Australia..... | | 6,990 | — | — | — | — | 202 | 904 | — |
| New Zealand..... | | 50 | — | — | — | — | 240 | — | — |
| | Total | 69,442 | 1,280 | 354 | 162 | 265 | 87,936 | 11,383 | 6,892 |
| | 1956-57. | | | | | | | | |
| Antarctic..... | | 42,735 | 692 | 255 | 156 | 361 | 70,720 | 6,526 | 4,510 |
| Africa:—Natal.... | | 5,541 | — | — | — | — | — | — | — |
| Cape Province... | | 821 | — | — | — | — | — | — | — |
| Brazil:—Paraiba... | | 360 | — | — | — | — | — | — | — |
| North Atl. and Arctic | | | | | | | | | |
| Azores..... | | 446 | — | — | — | — | — | — | — |
| Madeira..... | | 158 | — | — | — | — | — | — | — |
| Spain..... | | 478 | — | — | — | — | 224 | — | — |
| Norway..... | | 332 | 35 | — | — | — | 1,329 | — | — |
| Faroe Islands... | | 434 | — | — | — | — | 615 | — | — |
| Iceland..... | | 1,482 | 35 | — | — | — | 3,231 | — | — |
| West Greenland. | | — | — | — | — | — | 232 | — | — |
| Labrador..... | | 35 | — | — | — | — | 17 | — | — |
| Pacific North:— | | | | | | | | | |
| California..... | | 1,113 | — | — | — | — | 802 | — | — |
| British Columbia | | 3,446 | — | 2) ² — | — | — | 1,229 | — | — |
| Bering Sea..... | | — | — | 114 | — | — | 17,327 | — | 2,057 |
| Kamtschatka..... | | — | 271 | — | — | — | 551 | — | 12 |
| Kuril Islands.... | | — | 288 | — | — | — | 3,428 | — | 960 |
| Japan..... | | 5,191 | — | — | — | — | 13,259 | — | 1,950 |
| Ryukyu Islands. | | — | 9 | — | — | — | 183 | — | 130 |
| Indian Ocean..... | | — | — | — | — | — | 1 | — | 8 |
| South Pacific Ocean | | 15 | — | — | — | — | — | — | 33 |
| Chile..... | | 1,573 | — | — | — | — | 79 | — | — |
| Peru..... | | 1,484 | — | — | — | — | — | — | — |
| Australia..... | | 5,477 | — | — | — | — | 377 | 3,217 | — |
| New Zealand..... | | 80 | 5 | — | — | — | 200 | — | — |
| | Total | 71,201 | 1,335 | 369 | 156 | 361 | 113,804 | 9,743 | 9,660 |

¹) In addition 450,052 M.U. (Vitamin oil) were produced. ²) In addition 601,123 M.U. Vitamin A, (liver oil).

TABLES

Antarctic season 1956/57
and summer season 1957

Table No. 1.—Whaling in 1956/57 and summer 1957.

| 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 | 7 | 2,057 | — | 980 | 84 | — | 3,128 | 148,068 | 3 | — | 21 |
| Antarctic, pelagic whaling | 1,505 | 25,700 | 679 | 712 | 4 345 | ²⁾ 46 | 32,987 | 2,098,854 | — | 20 | 225 |
| Africa:— | | | | | | | | | | | |
| Natal | 5 | 758 | 34 | 60 | 763 | — | 1,620 | 63,883 | 1 | — | 11 |
| Cape Province | 4 | 143 | 3 | 263 | 469 | ³⁾ 34 | 916 | 20,073 | 1 | — | 4 |
| South Atlantic Ocean, pelagic | — | — | — | — | 53 | — | 53 | 2,554 | — | ⁴⁾ — | ⁴⁾ — |
| Brazil:— | | | | | | | | | | | |
| Paraiba | — | — | — | 115 | 2 | — | 117 | 1,300 | 1 | — | 2 |
| Santa Catarina | — | — | — | — | — | ⁸⁾ 5 | 5 | ? | 1 | — | 1 |
| North Atlantic and Arctic:— | | | | | | | | | | | |
| Azores | — | — | — | — | 671 | — | 671 | 16,536 | — | — | — |
| Madeira | — | 2 | 1 | — | 168 | — | 171 | 4,838 | — | — | — |
| Spain | — | — | — | — | 241 | ⁵⁾ 60 | 301 | 6,247 | 3 | — | 5 |
| Norway | — | 139 | — | 1 | 30 | — | 170 | 5,862 | 2 | — | 6 |
| Faroe Islands | — | 141 | 1 | — | 57 | — | 199 | 6,016 | 1 | — | 5 |
| Iceland | 10 | 348 | — | 78 | 81 | — | 517 | 18,800 | 1 | — | 4 |
| West Greenland | 1 | 21 | — | 1 | 28 | — | 51 | 1,364 | 1 | — | 1 |
| Newfoundland | — | 23 | — | 5 | 14 | — | 42 | 1,760 | 1 | — | 1 |
| Pacific North:— | | | | | | | | | | | |
| California | — | 22 | 199 | 1 | 14 | ⁶⁾ 1 | 237 | 8,741 | 1 | — | 3 |
| British Columbia | 15 | 284 | 49 | 93 | 190 | ⁷⁾ 4 | 635 | 19,241 | 1 | — | 6 |
| Ryukyu Islands | — | — | 23 | — | — | — | 23 | 404 | 1 | — | 2 |
| Bering Sea, pelagic whaling | 70 | 1,405 | — | 166 | 1,700 | — | 3,341 | 148,824 | — | 2 | 15 |
| Kamtchatka, pelagic whaling | 9 | 81 | 50 | 36 | 1,174 | ⁶⁾ 1 | 1,351 | 49,282 | — | 1 | 7 |
| Kuril Islands | 44 | 173 | 2 | 108 | 1,821 | ⁹⁾ 14 | 2,162 | 52,415 | 4 | — | 14 |
| Japan | 5 | 260 | 5 | 478 | 2,361 | — | 3,109 | 44,427 | 17 | — | 25 |
| Peru | — | — | — | — | 2,381 | — | 2,381 | 45,745 | 3 | — | 8 |
| Chile | 100 | 69 | 5 | 39 | 2,299 | — | 2,512 | 44 688 | 2 | — | 13 |
| Australia | — | — | 1,961 | — | 139 | — | 2,100 | 108,069 | 5 | — | 12 |
| New Zealand | — | — | 184 | 2 | — | — | 186 | 8,640 | 2 | — | 4 |
| Indian Ocean, pelagic | — | — | — | — | 23 | — | 23 | 742 | — | ⁴⁾ — | ⁴⁾ — |
| South Pacific Ocean, pelagic | — | — | — | — | 48 | — | 48 | 1,712 | — | ⁴⁾ — | ⁴⁾ — |
| Total | 1,775 | 31,626 | 3,196 | 3,138 | 19,156 | 165 | 59,056 | 2 929 085 | 52 | 23 | 395 |

¹⁾ Barrel = 170 kg. (Barrel = abt. $\frac{1}{8}$ long ton, 1 long ton = 1,016 kg.) ²⁾ Minke-whales. ³⁾ Bryde-whales
⁴⁾ Floating factories on voyage to and from the Antarctic whaling grounds. ⁵⁾ Baleen whales, not specified. ⁶⁾ Bottlenose.
⁷⁾ Baird's beaked whales. ⁸⁾ Not specified. ⁹⁾ 6 Minke-whales and 8 bottlenoses.

Table No. 2.—Norwegian whaling in 1956/57 and summer 1957.

| Geographical areas. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | |
|--------------------------------------|---------------------------|---------------|------------|------------|--------------|----------|------------------|------------------|-----------------|---------------------|------------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Floating factories. | Catchers. |
| | | | | | | | | Barrels | | | |
| South Georgia | 3 | 676 | — | 323 | 33 | — | 1,035 | 48,774 | 1 | — | 7 |
| Antarctic, pelagic whaling | 623 | 11 062 | 190 | 109 | 1,996 | — | 13,980 | 954,749 | — | 9 | 94 |
| South Atlantic Ocean, pelagic . . . | — | — | — | — | 28 | — | 28 | 850 | — | 1) — | 1) — |
| Norway | — | 139 | — | 1 | 30 | — | 170 | 5,862 | 2 | — | 6 |
| Total | 626 | 11 877 | 190 | 433 | 2,087 | — | 15,213 | 1,010,235 | 3 | 9 | 107 |

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

Table No. 3.—Whaling of United Kingdom in 1956/57 and summer 1957.

| Geographical areas. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | |
|-------------------------|---------------------------|--------------|------------|------------|------------|----------|------------------|-----------------|-----------------|---------------------|-----------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Floating factories. | Catchers. |
| | | | | | | | | Barrels | | | |
| South Georgia | 3 | 652 | — | 311 | 19 | — | 985 | 47,964 | 1 | — | 7 |
| Antarctic, pelagic . . | 113 | 4,098 | 353 | 144 | 573 | — | 5,281 | 333,967 | — | 3 | 35 |
| Total | 116 | 4,750 | 353 | 455 | 592 | — | 6,266 | 381,931 | 1 | 3 | 42 |

Table No. 4.—Whaling of Japan in 1956/57 and summer 1957.

| Geographical areas. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | |
|---|---------------------------|--------------|------------|------------|--------------|----------|------------------|-----------------|-----------------|---------------------|-----------|
| | Blue. | Fin. | Hump-back. | Sci. | Sperm. | Others. | Total of whales. | | Shore stations. | Floating factories. | Catchers. |
| | | | | | | | | Barrels | | | |
| Antarctic, pelagic whaling | 611 | 5,849 | 71 | 133 | 1,429 | — | 8,093 | 492,507 | — | 5 | 54 |
| North Pacific Ocean and Bering Sea, pelagic | 70 | 1,405 | — | 166 | 1,700 | — | 3,341 | 148,824 | — | 2 | 15 |
| Japan | 5 | 260 | 5 | 478 | 2,361 | — | 3,109 | 44,427 | 17 | — | 25 |
| Indian Ocean, pelagic | — | — | — | — | 23 | — | 23 | 742 | — | 1) — | 1) — |
| South Pacific Ocean, pelagic | — | — | — | — | 48 | — | 48 | 1,712 | — | 1) — | 1) — |
| Total | 686 | 7,514 | 76 | 777 | 5,561 | — | 14,614 | 688,212 | 17 | 7 | 94 |

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

Table No. 5.—Whaling of U.S.S.R. in 1956/57 and summer 1957.

| Geographical areas. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | |
|--------------------------------------|---------------------------|--------------|------------|------------|--------------|-----------|------------------|-----------------|-----------------|---------------------|-----------|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Floating factories. | Catchers. |
| | | | | | | | | Barrels. | | | |
| Antarctic, pelagic whaling | 68 | 2,158 | — | 204 | 124 | 1) 46 | 2,600 | 137,706 | — | 1 | 18 |
| Camchatka, pelagic whaling . . | 9 | 81 | 50 | 36 | 1,174 | 2) 1 | 1,351 | 49,282 | — | 1 | 7 |
| Kuril Islands | 44 | 173 | 2 | 108 | 1,821 | 3) 14 | 2,162 | 52,415 | 4 | — | 11 |
| Total | 121 | 2,412 | 52 | 348 | 3,119 | 61 | 6,113 | 239,403 | 4 | 2 | 36 |

1) Minke-whales. 2) Bottlenose. 3) 6 Minke-whales and 8 bottlenoses.

Table No. 6.—Whaling results for the various countries in 1956/57 and summer 1957.

| Countries. | Species of whales caught. | | | | | | | Oil production. | Expeditions. | | | |
|-------------------------------|---------------------------|---------------|--------------|--------------|---------------|------------|------------------|------------------|-----------------|---------------------|-----------|----|
| | Blue. | Fin. | Hump-back. | Sei. | Sperm. | Others. | Total of whales. | | Shore stations. | Floating factories. | Catchers. | |
| | | | | | | | | Barrels | | | | |
| Norway..... | 626 | 11,877 | 190 | 433 | 2,115 | — | 15,241 | 1,011,085 | 3 | 9 | 107 | |
| Japan..... | 686 | 7,514 | 76 | 777 | 5,561 | — | 14,614 | 688,212 | 17 | 7 | 94 | |
| United Kingdom... | 116 | 4,750 | 353 | 455 | 592 | — | 6,266 | 381,931 | 1 | 3 | 42 | |
| U.S.S.R. | 121 | 2,412 | 52 | 348 | 3,119 | 6) | 61 | 6,113 | 239,403 | 4 | 2 | 39 |
| Union of South Africa..... | 18 | 2,282 | 50 | 441 | 1,307 | 1) | 34 | 4,132 | 170,542 | 2 | 1 | 25 |
| Australia..... | — | — | 1,961 | — | 139 | — | — | 2,100 | 108,069 | 5 | — | 12 |
| Netherlands..... | 81 | 1,152 | 52 | 4 | 145 | — | — | 1,434 | 94,193 | — | 1 | 14 |
| Argentina..... | 1 | 729 | — | 346 | 32 | — | — | 1,108 | 51,330 | 1 | — | 7 |
| Peru..... | — | — | — | — | 2,381 | — | — | 2,381 | 45,745 | 3 | — | 8 |
| Chile..... | 100 | 69 | 5 | 39 | 2,299 | — | — | 2,512 | 44,688 | 2 | — | 13 |
| Portugal..... | — | 2 | 1 | — | 839 | — | — | 842 | 21,374 | — | — | — |
| Canada..... | 15 | 307 | 49 | 98 | 204 | 2) | 4 | 677 | 21,001 | 2 | — | 7 |
| Iceland..... | 10 | 348 | — | 78 | 81 | — | — | 517 | 18,800 | 1 | — | 4 |
| United States..... | — | 22 | 222 | 1 | 14 | 3) | 1 | 260 | 9,145 | 2 | — | 5 |
| New Zealand..... | — | — | 184 | 2 | — | — | — | 186 | 8,640 | 2 | — | 4 |
| Denmark..... | 1 | 162 | 1 | 1 | 85 | — | — | 250 | 7,380 | 2 | — | 6 |
| Spain..... | — | — | — | — | 241 | 4) | 60 | 301 | 6,247 | 3 | — | 5 |
| Brazil..... | — | — | — | 115 | 2 | 5) | 5 | 122 | 1,300 | 2 | — | 3 |
| Total | 1,775 | 31,626 | 3,196 | 3,138 | 19,156 | 165 | 59,056 | 2,929,085 | 52 | 23 | 39 | |

1) Bryde whales. 2) Baird's beaked whales. 3) Bottlenose. 4) Baleen whales, not specified. 5) Not specified. 6) 52 Minke-whales, and 9 bottlenoses,

Table No. 7.—Average size of whales caught in the summer season 1957.

| Geographical areas. Number of whales measured. | Company. | Average size. | | |
|---|----------|---------------|-------------|----------------|
| | | Males. | Females. | Total animals. |
| A. Blue-whales. | | Engl. feet. | Engl. feet. | Engl. feet. |
| <i>Africa:—</i> | | | | |
| Natal..... | — | 66.00 | 69.00 | 68.40 |
| Males 1 } Total 5. | | | | |
| Females 4 } | | | | |
| Cape Province..... | — | 70.33 | 83.00 | 73.50 |
| Males 3 } Total 4. | | | | |
| Females 1 } | | | | |
| Africa, total..... | — | 69.25 | 71.80 | 70.67 |
| Males 4 } Total 9. | | | | |
| Females 5 } | | | | |
| <i>North Atlantic and Arctic:—</i> | | | | |
| Iceland..... | — | 72.00 | 69.50 | 71.00 |
| Males 6 } Total 10. | | | | |
| Females 4 } | | | | |

Table No. 7 (continued).

| Geographical areas. Number of whales measured. | Company. | Average size. | | |
|---|----------|---------------|-------------|----------------|
| | | Males. | Females. | Total animals. |
| | | Engl. feet. | Engl. feet. | Engl. feet. |
| West Greenland | — | — | 78.00 | 78.00 |
| Female 1. | | | | |
| North Atlantic and Arctic, total | — | 72.00 | 71.20 | 71.64 |
| Males 6 } Total 11. | | | | |
| Females 5 } | | | | |
| <i>Pacific North:—</i> | | | | |
| British Columbia | — | 73.00 | 75.50 | 75.00 |
| Males 3 } Total 15. | | | | |
| Females 12 } | | | | |
| Bering Sea, pelagic | — | 76.57 | 78.62 | 77.19 |
| Males 49 } Total 70. | | | | |
| Females 21 } | | | | |
| Kamtschatka, pelagic | — | 74.50 | 72.29 | 72.78 |
| Males 2 } Total 9. | | | | |
| Females 7 } | | | | |
| Kuril Islands | — | 73.29 | 73.95 | 73.58 |
| Males 24 } Total 43. | | | | |
| Females 19 } | | | | |
| Japan | No. 1 | — | 74.00 | 74.00 |
| Females 5. | " 2 | — | 72.00 | 72.00 |
| | " 3 | — | 78.00 | 78.00 |
| | " 4 | — | 66.00 | 66.00 |
| | " 5 | — | 65.00 | 65.00 |
| Average | | — | 71.00 | 71.00 |
| Pacific North, total..... | — | 75.37 | 75.36 | 75.37 |
| Males 78 } Total 142. | | | | |
| Females 64 } | | | | |
| <i>Chile</i> | No. 1 | 71.69 | 75.13 | 73.48 |
| Males 61 } Total 100. | " 2 | 70.28 | — | 70.28 |
| Females 39 } | | | | |
| Average | | 71.11 | 75.13 | 72.68 |
| <u>B. Fin-whales.</u> | | | | |
| <i>Africa:—</i> | | | | |
| Natal | — | 61.13 | 61.67 | 61.37 |
| Males 412 } Total 751. | | | | |
| Females 339 } | | | | |
| Cape Province | — | 60.09 | 60.97 | 60.53 |
| Males 69 } Total 139. | | | | |
| Females 70 } | | | | |
| Africa, total | — | 60.98 | 61.55 | 61.24 |
| Males 481 } Total 890. | | | | |
| Females 409 } | | | | |

Table No. 7 (continued).

| Geographical areas. Number of whales measured. | Company. | Average size. | | |
|---|----------|---------------|-------------|----------------|
| | | Males. | Females. | Total animals. |
| | | Engl. feet. | Engl. feet. | Engl. feet. |
| <i>Madeira</i> | — | 58.00 | 58.00 | 58.00 |
| Male 1 } Total 2. Female 1 } | | | | |
| <i>North Atlantic and Arctic:—</i> | | | | |
| <i>Norway</i> | No. 1 | 57.77 | 58.56 | 58.15 |
| Males 68 } Total 139. Females 71 } | " 2 | 58.57 | 61.96 | 60.45 |
| Average | | 58.01 | 59.80 | 58.93 |
| <i>Faroe Islands</i> | — | 59.79 | 59.33 | 59.57 |
| Males 72 } Total 141. Females 69 } | | | | |
| <i>Iceland</i> | — | 57.81 | 60.14 | 59.13 |
| Males 150 } Total 348. Females 198 } | | | | |
| <i>West Greenland</i> | — | 60.82 | 61.70 | 61.24 |
| Males 11 } Total 21. Females 10 } | | | | |
| <i>Newfoundland (Labrador)</i> | No. 1 | 60.67 | 61.43 | 60.91 |
| Males 15 } Total 23. ¹⁾ Females 7 } | " 2 | — | — | 53.00 |
| Average | | 60.67 | 61.43 | 60.57 |
| <i>North Atlantic and Arctic, total</i> | — | 58.54 | 59.98 | 59.30 |
| Males 316 } Total 672. ¹⁾ Females 355 } | | | | |
| <i>Pacific North:—</i> | | | | |
| <i>California</i> | — | 60.63 | 62.14 | 61.59 |
| Males 8 } Total 22. Females 14 } | | | | |
| <i>British Columbia</i> | — | 57.56 | 60.48 | 59.11 |
| Males 132 } Total 284. ²⁾ Females 151 } | | | | |
| <i>Bering Sea, pelagic</i> | — | 60.25 | 62.75 | 61.44 |
| Males 739 } Total 1,404 Females 665 } | | | | |
| <i>Kamtchatka, pelagic</i> | — | 60.23 | 63.16 | 61.60 |
| Males 43 } Total 81. Females 38 } | | | | |
| <i>Kuril Islands</i> | — | 60.82 | 62.75 | 61.73 |
| Males 91 } Total 172. Females 81 } | | | | |

¹⁾ Including 1 fin-whale of 53 feet with sex not stated. ²⁾ Including 1 fin-whale of 56 feet with sex not stated.

Table No. 7 (continued).

| Geographical areas. Number of whales measured. | Company. | Average size. | | |
|---|----------|---------------|-------------|----------------|
| | | Males. | Females. | Total animals. |
| | | Engl. feet. | Engl. feet. | Engl. feet. |
| Japan | No. 1 | 54.78 | 57.42 | 55.93 |
| Males 133 } Total 257. | " 2 | 55.78 | 57.27 | 56.56 |
| Females 124 } | " 3 | 50.00 | 50.00 | 50.00 |
| | " 4 | 57.20 | 55.90 | 56.33 |
| | " 5 | 55.40 | 68.00 | 57.50 |
| Average | | 55.26 | 57.25 | 56.22 |
| Pacific North, total..... | — | 59.41 | 61.80 | 60.57 |
| Males 1,146 } Total 2,220 ¹⁾ | | | | |
| Females 1,073 } | | | | |
| Chile | No. 1 | 54.20 | 54.10 | 54.14 |
| Males 36 } Total 69. | " 2 | 55.64 | 60.00 | 56.31 |
| Females 33 } | | | | |
| Average | | 54.64 | 54.45 | 54.55 |
| <u>C. Humpbacks.</u> | | | | |
| <i>Africa:—</i> | | | | |
| Natal | — | 38.30 | 38.64 | 38.41 |
| Males 23 } Total 34 | | | | |
| Females 11 } | | | | |
| Cape Province | — | 39.00 | 39.00 | 39.00 |
| Males 2 } Total 3. | | | | |
| Females 1 } | | | | |
| Africa, total..... | — | 38.36 | 38.67 | 38.46 |
| Males 25 } Total 37. | | | | |
| Females 12 } | | | | |
| Madeira | — | — | — | 38.00 |
| 1 humpback, sex not stated. | | | | |
| <i>North Atlantic and Arctic:—</i> | | | | |
| Faroe Islands | — | — | 40.00 | 40.00 |
| Female 1. | | | | |
| <i>Pacific North:—</i> | | | | |
| California | — | 39.59 | 41.74 | 40.74 |
| Males 92 } Total 199. | | | | |
| Females 107 } | | | | |
| British Columbia..... | — | 40.52 | 41.00 | 40.73 |
| Males 27 } Total 49. | | | | |
| Females 22 } | | | | |
| Ryukyu Islands | — | 40.50 | 39.78 | 40.22 |
| Males 14 } Total 23. | | | | |
| Females 9 } | | | | |
| Kamtschatka, pelagic..... | — | 39.69 | 43.28 | 40.98 |
| Males 32 } Total 50. | | | | |
| Females 18 } | | | | |

¹⁾ Including 1 fin-whale of 56 feet with sex not stated.

Table No. 7 (continued).

| Geographical areas. Number of whales measured. | Company. | Average size. | | |
|---|----------|---------------|-------------|----------------|
| | | Males. | Females. | Total animals. |
| | | Engl. feet. | Engl. feet. | Engl. feet. |
| Kuril Islands..... Females 2. | — | — | 39.00 | 39.00 |
| Japan | No. 1 | 35.00 | 43.00 | 39.00 |
| Males 3 } Total 5. | " 2 | 40.00 | — | 40.00 |
| Females 2 } | " 3 | 40.00 | — | 40.00 |
| | " 4 | — | 35.00 | 35.00 |
| | Average | 38.33 | 39.00 | 38.60 |
| Pacific North, total..... | — | 39.80 | 41.65 | 40.70 |
| Males 169 } Total 328. | | | | |
| Females 159 } | | | | |
| Chile..... | No. 1 | 43.33 | 39.00 | 42.25 |
| Males 4 } Total 5. | " 2 | 36.00 | — | 36.00 |
| Females 1 } | | | | |
| | Average | 41.50 | 39.00 | 41.00 |
| Australia | No. 1 | 40.58 | 41.95 | 40.98 |
| Males 1,173 } Total 1,960. ¹⁾ | " 2 | 39.73 | 40.20 | 39.93 |
| Females 787 } | " 3 | 40.04 | 41.80 | 40.89 |
| | " 4 | 41.31 | 42.59 | 41.60 |
| | " 5 | 38.83 | 40.70 | 39.62 |
| | Average | 40.26 | 41.70 | 40.84 |
| New Zealand | No. 1 | 39.49 | 41.28 | 40.32 |
| Males 102 } Total 182. | " 2 | 40.84 | 40.13 | 40.60 |
| Females 80 } | | | | |
| | Average | 39.75 | 41.16 | 40.37 |
| <u>D Sei-whales.</u> | | | | |
| <i>Africa:—</i> | | | | |
| Natal | — | 43.17 | 43.23 | 43.20 |
| Males 29 } Total 59. | | | | |
| Females 30 } | | | | |
| Cape Province..... | — | 42.98 | 47.15 | 45.81 |
| Males 81 } Total 253. | | | | |
| Females 172 } | | | | |
| Africa, total..... | — | 43.03 | 46.57 | 45.32 |
| Males 110 } Total 312. | | | | |
| Females 202 } | | | | |
| Brazil:—Paraiba | — | 50.19 | 51.68 | 50.93 |
| Males 58 } Total 115. | | | | |
| Females 57 } | | | | |
| <i>North Atlantic and Arctic:—</i> | | | | |
| Norway | — | 35.00 | — | 35.00 |
| Male 1. | | | | |
| Iceland | — | 41.54 | 43.32 | 42.68 |
| Males 28 } Total 78. | | | | |
| Females 50 } | | | | |

¹⁾ Not including 1 humpback with sex and length not stated.

Table No. 7 (continued).

| Geographical areas. Number of whales measured. | Company. | Average size. | | |
|---|----------|---------------|-------------|----------------|
| | | Males. | Females. | Total animals. |
| West Greenland | — | Engl. feet. | Engl. feet. | Engl. feet. |
| Female 1. | | — | 50.00 | 50.00 |
| Newfoundland..... | — | 51.00 | 49.00 | 49.80 |
| Males 2 } Total 5. | | | | |
| Females 3 } | | | | |
| North Atlantic and Arctic, total | — | 41.94 | 43.76 | 43.09 |
| Males 31 } Total 85. | | | | |
| Females 54 } | | | | |
| <i>Pacific North:—</i> | | | | |
| California | — | — | 51.00 | 51.00 |
| Female 1. | | | | |
| British Columbia | — | 43.00 | 45.40 | 44.47 |
| Males 36 } Total 93. | | | | |
| Females 57 } | | | | |
| Bering Sea, pelagic | — | 45.56 | 47.88 | 46.61 |
| Males 90 } Total 165. | | | | |
| Females 75 } | | | | |
| Kamtschatka, pelagic | — | 49.95 | 50.65 | 50.28 |
| Males 19 } Total 36. | | | | |
| Females 17 } | | | | |
| Kuril Islands..... | — | 45.44 | 45.79 | 45.63 |
| Males 50 } Total 108. | | | | |
| Females 58 } | | | | |
| Japan..... | No. 1 | 41.75 | 43.02 | 42.38 |
| Males 215 } Total 475. | " 2 | 41.78 | 42.99 | 42.50 |
| Females 260 } | " 3 | 42.24 | 42.85 | 42.62 |
| | " 4 | 41.42 | 43.83 | 42.74 |
| | " 5 | 40.67 | 42.06 | 41.27 |
| Average | | 41.69 | 42.99 | 42.40 |
| Pacific North, total..... | — | 43.49 | 44.71 | 44.14 |
| Males 410 } Total 878. | | | | |
| Females 468 } | | | | |
| <i>Chile</i> | No. 1 | 40.17 | 43.20 | 41.55 |
| Males 21 } Total 39. | " 2 | 42.67 | 48.38 | 45.32 |
| Females 18 } | | | | |
| Average | | 41.95 | 46.94 | 44.26 |
| <i>New Zealand</i> | — | 42.00 | 45.00 | 43.50 |
| Males 1 } Total 2. | | | | |
| Females 1 } | | | | |
| <u>E. Sperm-whales.</u> | | | | |
| <i>Africa:—</i> | | | | |
| Natal..... | — | 42.64 | 35.63 | 40.03 |
| Males 475 } Total 757. | | | | |
| Females 282 } | | | | |

Table No. 7 (continued).

| Geographical areas. Number of whales measured. | Company. | Average size. | | |
|---|----------|---------------|-------------|----------------|
| | | Males. | Females. | Total animals. |
| | | Engl. feet. | Engl. feet. | Engl. feet. |
| Cape Province | — | 40.03 | 38.03 | 39.41 |
| Males 314 } Total 456. | | | | |
| Females 142 } | | | | |
| Africa, total | — | 41.60 | 36.43 | 39.80 |
| Males 789 } Total 1,213 | | | | |
| Females 424 } | | | | |
| <i>South Atlantic Ocean</i> , pelagic . . . | No. 1 | 41.42 | 35.00 | 41.16 |
| Males 52 } Total 53. | „ 2 | 42.14 | — | 42.14 |
| Female 1 } | | | | |
| Average | | 41.81 | 35.00 | 41.68 |
| <i>Brazil</i> :—Paraiba | — | — | 35.50 | 35.50 |
| 2 females. | | | | |
| <i>Azores</i> | — | 39.95 | 32.65 | 37.39 |
| Males 431 } Total 664. | | | | |
| Females 233 } | | | | |
| <i>Madeira</i> | — | 41.99 | 31.69 | 39.23 |
| Males 123 } Total 168. | | | | |
| Females 45 } | | | | |
| <i>North Atlantic and Arctic</i> :— | | | | |
| Norway | No. 1 | 47.20 | — | 47.20 |
| Males 29. | „ 2 | 48.47 | — | 48.47 |
| Average | | 48.03 | — | 48.03 |
| Faroe Islands | — | 46.40 | — | 46.40 |
| Males 57. | | | | |
| Iceland | — | 51.78 | — | 51.78 |
| Males 81. | | | | |
| West Greenland | — | 51.50 | — | 51.50 |
| Males 28. | | | | |
| Newfoundland | — | 55.71 | — | 55.71 |
| Males 14. | | | | |
| North Atlantic and Arctic, total | — | 50.02 | — | 50.02 |
| Males 209. | | | | |
| <i>Pacific North</i> :— | | | | |
| California | — | 44.43 | — | 44.43 |
| Males 14. | | | | |
| British Columbia | — | 42.62 | 35.18 | 40.89 |
| Males 146 } Total 190. | | | | |
| Females 44 } | | | | |
| Bering Sea, pelagic | No. 1 | 46.82 | — | 46.82 |
| Males 1,699. | „ 2 | 44.52 | — | 44.52 |
| Average | | 44.79 | — | 44.79 |

Table No. 7 (continued).

| Geographical areas. Number of whales measured. | Company. | Average size. | | |
|---|----------|---------------|-------------|----------------|
| | | Males. | Females. | Total animals. |
| | | Engl. feet. | Engl. feet. | Engl. feet. |
| Kamtschatka, pelagic | — | 44.71 | 38.30 | 44.46 |
| Males 1,125 } Total 1,171. | | | | |
| Females 46 } | | | | |
| Kuril Islands..... | — | 39.59 | 36.64 | 39.02 |
| Males 1,457 } Total 1,803. | | | | |
| Females 346 } | | | | |
| Japan..... | No. 1 | 37.22 | 35.86 | 36.48 |
| Males 1,048 } Total 2,361 | 2 | 37.71 | 35.41 | 36.28 |
| Females 1,313 } | 3 | 37.34 | 35.58 | 36.28 |
| | 4 | 37.44 | 35.45 | 36.33 |
| | 5 | 36.36 | 35.32 | 35.94 |
| | Average | 37.22 | 35.58 | 36.31 |
| Pacific North, total..... | — | 41.89 | 35.85 | 40.43 |
| Males 5,489 } Total 7,238. | | | | |
| Females 1,749 } | | | | |
| South Pacific Ocean, pelagic | — | 44.82 | 38.67 | 43.67 |
| Males 39 } Total 48. | | | | |
| Females 9 } | | | | |
| Indian Ocean, pelagic | No. 1 | 42.75 | — | 42.75 |
| Males 22. | 2 | 45.00 | — | 45.00 |
| | Average | 43.77 | — | 43.77 |
| Chile | No. 1 | 38.87 | 35.99 | 37.13 |
| Males 1,071 } Total 2,299. | 2 | 44.23 | 34.00 | 43.73 |
| Females 1,228 } | | | | |
| | Average | 40.23 | 35.97 | 37.95 |
| Australia..... | — | 43.88 | 35.53 | 42.86 |
| Males 122 } Total 139. | | | | |
| Females 17 } | | | | |
| F. Bryde-whales. | | | | |
| <i>Africa:</i> — | | | | |
| Cape Province..... | — | 42.40 | 42.54 | 42.45 |
| Males 20 } Total 33. | | | | |
| Females 13 } | | | | |

**Table No. 8.—Whales caught in the summer season 1957,
by species, sex, and size.**

I. Natal.

Blue-whales.

| Engl. feet. | Number of | | Total animals. | Average size | Per cent |
|-------------|-----------|----------|----------------|---|----------|
| | males. | females. | | | |
| 65 | — | 1 | 1 | { Males: 66.00 feet Females: 69 00 " Total animals: 68.40 " { Males: 20.00 Females: 80.00 | |
| 66 | 1 | 1 | 2 | | |
| 70 | — | 1 | 1 | | |
| 75 | — | 1 | 1 | | |
| Sum | 1 | 4 | 5 | | |

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|----------------------------------|-----------|----------|----------------|
| | males. | females. | | | males. | females. | |
| 47 | 2 | 2 | 4 | 70 | 11 | 13 | 24 |
| 55 | 54 | 41 | 95 | 71 | 2 | 6 | 8 |
| 56 | 48 | 33 | 81 | 72 | 4 | 3 | 7 |
| 57 | 14 | 21 | 35 | 73 | 2 | 9 | 11 |
| 58 | 23 | 22 | 45 | 74 | — | 1 | 1 |
| 59 | 20 | 19 | 39 | 75 | — | 4 | 4 |
| 60 | 38 | 23 | 61 | 76 | — | 2 | 2 |
| 61 | 26 | 18 | 44 | 77 | — | 2 | 2 |
| 62 | 29 | 33 | 62 | Sum | 412 | 339 | 1) 751 |
| 63 | 27 | 15 | 42 | Average size { Males: 61.13 feet | | | |
| 64 | 22 | 16 | 38 | Females: 61.67 " | | | |
| 65 | 19 | 17 | 36 | Total animals: 61.37 " | | | |
| 66 | 24 | 13 | 37 | Per cent { Males: 54.86 | | | |
| 67 | 19 | 9 | 28 | Females: 45.14 | | | |
| 68 | 20 | 7 | 27 | | | | |
| 69 | 8 | 10 | 18 | | | | |

¹⁾ In addition 7 fin-whales lost.

Humpbacks.

| Engl. feet. | Number of | | Total animals. | Average size | Per cent |
|-------------|-----------|----------|----------------|---|----------|
| | males. | females. | | | |
| 35 | 5 | 3 | 8 | { Males: 38.30 feet Females: 38.64 " Total animals: 38.41 " { Males: 67.65 Females: 32.35 | |
| 36 | 3 | 2 | 5 | | |
| 37 | 4 | — | 4 | | |
| 38 | — | 2 | 2 | | |
| 39 | 5 | — | 5 | | |
| 40 | 2 | — | 2 | | |
| 42 | 1 | 1 | 2 | | |
| 43 | 1 | 2 | 3 | | |
| 44 | 1 | 1 | 2 | | |
| 46 | 1 | — | 1 | | |
| Sum | 23 | 11 | 34 | | |

Table No. 8 (continued).

Sei-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|---|-----------|----------|----------------|
| | males. | females. | | | males. | females. | |
| 31 | — | 1 | 1 | 48 | 2 | 2 | 4 |
| 35 | 1 | — | 1 | 49 | 1 | 1 | 2 |
| 36 | 1 | 2 | 3 | 50 | 2 | 2 | 4 |
| 37 | — | 3 | 3 | 51 | — | 1 | 1 |
| 38 | 1 | 2 | 3 | 52 | — | 3 | 3 |
| 39 | — | 1 | 1 | Sum | 29 | 30 | 1) 59 |
| 40 | 4 | 3 | 7 | Average size { Males: 43.17 feet Females: 43.23 „ Total animals: 43.20 „ Per cent { Males: 49.15 Females: 50.85 | | | |
| 41 | 5 | — | 5 | | | | |
| 42 | 3 | 1 | 4 | | | | |
| 43 | 2 | 3 | 5 | | | | |
| 44 | 1 | 2 | 3 | | | | |
| 45 | 1 | 2 | 3 | | | | |
| 46 | 3 | — | 3 | | | | |
| 47 | 2 | 1 | 3 | | | | |

1) In addition 1 sei-whale lost.

Sperm-whales.

| | | | | | | | |
|----|----|-----|-----|---|-----|-----|--------|
| 27 | 2 | — | 2 | 49 | 13 | — | 13 |
| 28 | — | 1 | 1 | 50 | 24 | — | 24 |
| 35 | 41 | 127 | 168 | 51 | 12 | — | 12 |
| 36 | 37 | 131 | 168 | 52 | 8 | — | 8 |
| 37 | 30 | 17 | 47 | 53 | 6 | — | 6 |
| 38 | 24 | 5 | 29 | 54 | 4 | — | 4 |
| 39 | 14 | 1 | 15 | 55 | 1 | — | 1 |
| 40 | 20 | — | 20 | 58 | 1 | — | 1 |
| 41 | 23 | — | 23 | Sum | 475 | 282 | 1) 757 |
| 42 | 35 | — | 35 | Average size { Males: 42.64 feet Females: 35.63 „ Total animals: 40.03 „ Per cent { Males: 62.75 Females: 37.25 | | | |
| 43 | 33 | — | 33 | | | | |
| 44 | 38 | — | 38 | | | | |
| 45 | 40 | — | 40 | | | | |
| 46 | 18 | — | 18 | | | | |
| 47 | 25 | — | 25 | | | | |
| 48 | 26 | — | 26 | | | | |

1) In addition 6 sperm-whales lost.

2. Cape Province.

Blue-whales.

| Engl. feet. | Number of | | Total animals. | Average size { | Males: 70.33 feet | |
|-------------|-----------|----------|----------------|----------------|-------------------|------------------|
| | males. | females. | | | | Females: 83.00 „ |
| 70 | 2 | — | 2 | Per cent { | Males: 75.00 | |
| 71 | 1 | — | 1 | | | Females: 25.00 |
| 83 | — | 1 | 1 | | | |
| Sum | 3 | 1 | 4 | | | |

Table No. 8 (continued).

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|---|-----------|----------|-------------------|
| | males. | females. | | | males. | females. | |
| 49 | — | 1 | 1 | 68 | 3 | 3 | 6 |
| 50 | — | 1 | 1 | 69 | 2 | 2 | 4 |
| 51 | 1 | — | 1 | 70 | 1 | — | 1 |
| 52 | — | 1 | 1 | 72 | — | 1 | 1 |
| 53 | — | 1 | 1 | 73 | — | 1 | 1 |
| 55 | — | 1 | 1 | 75 | 1 | 1 | 2 |
| 57 | 22 | 16 | 38 | 77 | — | 1 | 1 |
| 58 | 15 | 8 | 23 | Sum | 69 | 70 | ¹⁾ 139 |
| 59 | 3 | 3 | 6 | Average size { Males: 60.09 feet Females: 60.97 „ Total animals: 60.53 „ Per cent { Males: 49.64 Females: 50.36 | | | |
| 60 | 7 | 6 | 13 | | | | |
| 61 | 4 | 6 | 10 | | | | |
| 62 | 1 | 3 | 4 | | | | |
| 63 | — | 2 | 2 | | | | |
| 64 | 4 | 6 | 10 | | | | |
| 65 | 5 | 3 | 8 | | | | |
| 66 | — | 1 | 1 | | | | |
| 67 | — | 2 | 2 | | | | |

¹⁾ In addition 4 fin-whales lost.

Humpbacks.

| Engl. feet. | Number of | | Total animals. | Average size { Males: 39 00 feet Females: 39.00 „ Total animals: 39.00 „ |
|-------------|-----------|----------|----------------|--|
| | males. | females. | | |
| 35 | 1 | — | 1 | Per cent { Males: 66 67 Females: 33.33 |
| 39 | — | 1 | 1 | |
| 43 | 1 | — | 1 | |
| Sum | 2 | 1 | 3 | |

Bryde-whales.

| | | | | | |
|-----|----|----|------------------|--|---|
| 40 | 3 | 4 | 7 | Average size { Males: 42 40 feet Females: 42.54 „ Total animals: 42.45 „ | |
| 41 | 5 | 1 | 6 | | Per cent { Males: 60.61 Females: 39.39 |
| 42 | 4 | 2 | 6 | | |
| 43 | 2 | 2 | 4 | | |
| 44 | 3 | 1 | 4 | | |
| 45 | 1 | 2 | 3 | | |
| 46 | 2 | — | 2 | | |
| 48 | — | 1 | 1 | | |
| Sum | 20 | 13 | ¹⁾ 33 | | |

¹⁾ In addition 1 Bryde-whale lost.

Table No. 8 (continued).

Sei-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|---|-----------|----------|----------------|
| | males. | females. | | | males. | females. | |
| 40 | 31 | 15 | 46 | 53 | — | 9 | 9 |
| 41 | 10 | 8 | 18 | 54 | — | 3 | 3 |
| 42 | 7 | 12 | 19 | 55 | — | 2 | 2 |
| 43 | 4 | 10 | 14 | 56 | — | 1 | 1 |
| 44 | 6 | 6 | 12 | Sum | 81 | 172 | 1) 253 |
| 45 | 6 | 13 | 19 | Average size { Males: 42.98 feet Females: 47.15 „ Total animals: 45.81 „ Per cent { Males: 32.02 Females: 67.98 | | | |
| 46 | — | 7 | 7 | | | | |
| 47 | 2 | 14 | 16 | | | | |
| 48 | 7 | 11 | 18 | | | | |
| 49 | 3 | 10 | 13 | | | | |
| 50 | 2 | 21 | 23 | | | | |
| 51 | 2 | 14 | 16 | | | | |
| 52 | 1 | 16 | 17 | | | | |

1) In addition 10 sei-whales lost.

Sperm-whales.

| | | | | | | | |
|----|-----|-----|-----|---|-----|-----|--------|
| 38 | 155 | 139 | 294 | 51 | 1 | — | 1 |
| 39 | 56 | 2 | 58 | 52 | 2 | — | 2 |
| 40 | 31 | 1 | 32 | 53 | 2 | — | 2 |
| 41 | 17 | — | 17 | 54 | 3 | — | 3 |
| 42 | 10 | — | 10 | Sum | 314 | 142 | 1) 456 |
| 43 | 2 | — | 2 | Average size { Males: 40.03 feet Females: 38.03 „ Total animals: 39.41 „ Per cent { Males: 68.86 Females: 31.14 | | | |
| 44 | 5 | — | 5 | | | | |
| 45 | 10 | — | 10 | | | | |
| 46 | 5 | — | 5 | | | | |
| 47 | 2 | — | 2 | | | | |
| 48 | 6 | — | 6 | | | | |
| 49 | 3 | — | 3 | | | | |
| 50 | 4 | — | 4 | | | | |

1) In addition 13 sperm-whales lost.

3. Summary Africa.

(Natal and Cape Province.)

Blue-whales.

| Engl. feet. | Number of | | Total animals. | Average size { Males: 69.25 feet Females: 71.80 „ Total animals: 70.67 „ Per cent { Males: 44.44 Females: 55.56 |
|-------------|-----------|----------|----------------|---|
| | males. | females. | | |
| 65 | — | 1 | 1 | |
| 66 | 1 | 1 | 2 | |
| 70 | 2 | 1 | 3 | |
| 71 | 1 | — | 1 | |
| 75 | — | 1 | 1 | |
| 83 | — | 1 | 1 | |
| Sum | 4 | 5 | 9 | |

Table No. 8 (continued).

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. | |
|-------------|-----------|----------|----------------|---|-----------|----------|-------------------|--|
| | males. | females. | | | males. | females. | | |
| 47 | 2 | 2 | 4 | 68 | 23 | 10 | 33 | |
| 49 | - | 1 | 1 | 69 | 10 | 12 | 22 | |
| 50 | - | 1 | 1 | 70 | 12 | 13 | 25 | |
| 51 | 1 | - | 1 | 71 | 2 | 6 | 8 | |
| 52 | - | 1 | 1 | 72 | 4 | 4 | 8 | |
| 53 | - | 1 | 1 | 73 | 2 | 10 | 12 | |
| 55 | 54 | 42 | 96 | 74 | - | 1 | 1 | |
| 56 | 48 | 33 | 81 | 75 | 1 | 5 | 6 | |
| 57 | 36 | 37 | 73 | 76 | - | 2 | 2 | |
| 58 | 38 | 30 | 68 | 77 | - | 3 | 3 | |
| 59 | 23 | 22 | 45 | Sum | 481 | 409 | ¹⁾ 890 | |
| 60 | 45 | 29 | 74 | Average size { Males: 60.98 feet Females: 61.55 " Total animals: 61.24 " Per cent { Males: 54.04 Females: 45.96 | | | | |
| 61 | 30 | 24 | 54 | | | | | |
| 62 | 30 | 36 | 66 | | | | | |
| 63 | 27 | 17 | 44 | | | | | |
| 64 | 26 | 22 | 48 | | | | | |
| 65 | 24 | 20 | 44 | | | | | |
| 66 | 24 | 14 | 38 | | | | | |
| 67 | 19 | 11 | 30 | | | | | |

¹⁾ In addition 11 fin-whales lost.

Humpbacks.

| | | | | | | | | |
|-----|----|----|----|---|--|--|--|--|
| 35 | 6 | 3 | 9 | Average size { Males: 38.36 feet Females: 38.67 " Total animals: 38.46 " Per cent { Males: 67.57 Females: 32.43 | | | | |
| 36 | 3 | 2 | 5 | | | | | |
| 37 | 4 | - | 4 | | | | | |
| 38 | - | 2 | 2 | | | | | |
| 39 | 5 | 1 | 6 | | | | | |
| 40 | 2 | - | 2 | | | | | |
| 42 | 1 | 1 | 2 | | | | | |
| 43 | 2 | 2 | 4 | | | | | |
| 44 | 1 | 1 | 2 | | | | | |
| 46 | 1 | - | 1 | | | | | |
| Sum | 25 | 12 | 37 | | | | | |

Sei-whales.

| | | | | | | | | | |
|----|----|----|----|-----|-----|-----|-------------------|---|--|
| 31 | - | 1 | 1 | 50 | 4 | 23 | 27 | Average size { Males: 43.03 feet Females: 46.57 " Total animals: 45.32 " Per cent { Males: 35.26 Females: 64.74 | |
| 35 | 1 | - | 1 | 51 | 2 | 15 | 17 | | |
| 36 | 1 | 2 | 3 | 52 | 1 | 19 | 20 | | |
| 37 | - | 3 | 3 | 53 | - | 9 | 9 | | |
| 38 | 1 | 2 | 3 | 54 | - | 3 | 3 | | |
| 39 | - | 1 | 1 | 55 | - | 2 | 2 | | |
| 40 | 35 | 18 | 53 | 56 | - | 1 | 1 | | |
| 41 | 15 | 8 | 23 | Sum | 110 | 202 | ¹⁾ 312 | | |
| 42 | 10 | 13 | 23 | | | | | | |
| 43 | 6 | 13 | 19 | | | | | | |
| 44 | 7 | 8 | 15 | | | | | | |
| 45 | 7 | 15 | 22 | | | | | | |
| 46 | 3 | 7 | 10 | | | | | | |
| 47 | 4 | 15 | 19 | | | | | | |
| 48 | 9 | 13 | 22 | | | | | | |
| 49 | 4 | 11 | 15 | | | | | | |

¹⁾ In addition 11 sei-whales lost.

Table No. 8 (continued).

Sperm-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. | |
|-------------|-----------|----------|----------------|----------------|-----------|----------|---------------------|------------------------|
| | males. | females. | | | males. | females. | | |
| 27 | 2 | — | 2 | 50 | 28 | — | 28 | |
| 28 | — | 1 | 1 | 51 | 13 | — | 13 | |
| 35 | 41 | 127 | 168 | 52 | 10 | — | 10 | |
| 36 | 37 | 131 | 168 | 53 | 8 | — | 8 | |
| 37 | 30 | 17 | 47 | 54 | 7 | — | 7 | |
| 38 | 179 | 144 | 323 | 55 | 1 | — | 1 | |
| 39 | 70 | 3 | 73 | 58 | 1 | — | 1 | |
| 40 | 51 | 1 | 52 | Sum | 789 | 424 | ¹⁾ 1,213 | |
| 41 | 40 | — | 40 | Average size { | | | | Males: 41.60 feet |
| 42 | 45 | — | 45 | { | | | | Females: 36.43 " |
| 43 | 35 | — | 35 | { | | | | Total animals: 39.80 " |
| 44 | 43 | — | 43 | Per cent { | | | | Males: 65.05 |
| 45 | 50 | — | 50 | { | | | | Females: 34.95 |
| 46 | 23 | — | 23 | | | | | |
| 47 | 27 | — | 27 | | | | | |
| 48 | 32 | — | 32 | | | | | |
| 49 | 16 | — | 16 | | | | | |

¹⁾ In addition 19 sperm-whales lost.

Bryde-whales.

| | | | | | | | | |
|-----|----|----|------------------|----------------|--|--|--|------------------------|
| 40 | 3 | 4 | 7 | Average size { | | | | Males: 42.40 feet |
| 41 | 5 | 1 | 6 | { | | | | Females: 42.54 " |
| 42 | 4 | 2 | 6 | { | | | | Total animals: 42.45 " |
| 43 | 2 | 2 | 4 | Per cent { | | | | Males: 60.61 |
| 44 | 3 | 1 | 4 | { | | | | Females: 39.39 |
| 45 | 1 | 2 | 3 | | | | | |
| 46 | 2 | — | 2 | | | | | |
| 48 | — | 1 | 1 | | | | | |
| Sum | 20 | 13 | ¹⁾ 33 | | | | | |

¹⁾ In addition 1 Bryde-whale lost.

4. South Atlantic Ocean, pelagic.

North of 40° South Latitude.

(Catch by floating factories on voyage to and from the Antarctic whaling grounds.)

Sperm-whales.

| | | | | | | | | |
|----|----|---|----|----------------|----|---|----|------------------------|
| 33 | 1 | — | 1 | 49 | 2 | — | 2 | |
| 35 | 2 | 1 | 3 | 50 | 2 | — | 2 | |
| 36 | 4 | — | 4 | 51 | 2 | — | 2 | |
| 37 | 2 | — | 2 | 54 | 1 | — | 1 | |
| 38 | 1 | — | 1 | Sum | 52 | 1 | 53 | |
| 39 | 5 | — | 5 | Average size { | | | | Males: 41.81 feet |
| 40 | 12 | — | 12 | { | | | | Females: 35.00 " |
| 41 | 3 | — | 3 | { | | | | Total animals: 41.68 " |
| 42 | 4 | — | 4 | Per cent { | | | | Males: 98.11 |
| 43 | 5 | — | 5 | { | | | | Females: 1.89 |
| 45 | 2 | — | 2 | | | | | |
| 47 | 2 | — | 2 | | | | | |
| 48 | 2 | — | 2 | | | | | |

Table No. 8 (continued).

5. Brazil.
Sei-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|---|-----------|----------|-------------------|
| | males. | females. | | | males. | females. | |
| 41 | 1 | — | 1 | 56 | — | 1 | 1 |
| 43 | 1 | — | 1 | 58 | — | 1 | 1 |
| 45 | 3 | 1 | 4 | 59 | — | 2 | 2 |
| 46 | 2 | — | 2 | Sum | 58 | 57 | ¹⁾ 115 |
| 47 | 5 | 8 | 13 | Average size { Males: 50.19 feet Females: 51.68 " Total animals: 50.93 " Per cent { Males: 50.43 Females: 49.57 | | | |
| 48 | 8 | 6 | 14 | | | | |
| 49 | 5 | 3 | 8 | | | | |
| 50 | 2 | 2 | 4 | | | | |
| 51 | 8 | 3 | 11 | | | | |
| 52 | 6 | 7 | 13 | | | | |
| 53 | 7 | 10 | 17 | | | | |
| 54 | 5 | 4 | 9 | | | | |
| 55 | 5 | 9 | 14 | | | | |

¹⁾ In addition 5 whales not specified.

Sperm-whales.

| Engl. feet. | Females. |
|-------------|----------|
| 30 | 1 |
| 41 | 1 |
| Sum | 2 |

Average size: Females: 35.50 feet.

6. Azores.

Sperm-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|---|-----------|----------|-------------------|
| | males. | females. | | | males. | females. | |
| 20 | — | 2 | 2 | 44 | 9 | — | 9 |
| 23 | 6 | 7 | 13 | 46 | 48 | — | 48 |
| 24 | 3 | — | 3 | 47 | 1 | — | 1 |
| 25 | 1 | — | 1 | 48 | 10 | — | 10 |
| 26 | 10 | 17 | 27 | 49 | 30 | — | 30 |
| 27 | 1 | — | 1 | 50 | 1 | — | 1 |
| 28 | — | 6 | 6 | 51 | 8 | — | 8 |
| 29 | 5 | 2 | 7 | 52 | 24 | — | 24 |
| 30 | 10 | 33 | 43 | 54 | 2 | — | 2 |
| 31 | 9 | 5 | 14 | 56 | 6 | — | 6 |
| 32 | 2 | 6 | 8 | 59 | 5 | — | 5 |
| 33 | 77 | 57 | 134 | Sum | 431 | 233 | ¹⁾ 664 |
| 34 | 10 | 19 | 29 | Average size { Males: 39.95 feet Females: 32.65 " Total animals: 37.39 " Per cent { Males: 64.91 Females: 35.09 | | | |
| 35 | 3 | 5 | 8 | | | | |
| 36 | 47 | 61 | 108 | | | | |
| 37 | 6 | 4 | 10 | | | | |
| 38 | 7 | 3 | 10 | | | | |
| 39 | 39 | 4 | 43 | | | | |
| 41 | 9 | — | 9 | | | | |
| 42 | 1 | — | 1 | | | | |
| 43 | 41 | 2 | 43 | | | | |

¹⁾ In addition 7 sperm-whales with length and sex not stated.

Table No. 8 (continued).

7. Madeira.
Sperm-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--------------|---|----------|----------------|
| | males. | females. | | | males. | females. | |
| 26 | 1 | 4 | 5 | 47 | 2 | - | 2 |
| 27 | 3 | 2 | 5 | 48 | 8 | - | 8 |
| 28 | - | 1 | 1 | 49 | 9 | - | 9 |
| 29 | - | 2 | 2 | 50 | 8 | - | 8 |
| 30 | 2 | 6 | 8 | 51 | 6 | - | 6 |
| 31 | 3 | 3 | 6 | 52 | 5 | - | 5 |
| 32 | 3 | 8 | 11 | 53 | 4 | - | 4 |
| 33 | 6 | 6 | 12 | 54 | 2 | - | 2 |
| 34 | 11 | 7 | 18 | 55 | 1 | - | 1 |
| 35 | 5 | 2 | 7 | 56 | 3 | - | 3 |
| 36 | 7 | 3 | 10 | 57 | 1 | - | 1 |
| 37 | 4 | - | 4 | | | | |
| 38 | 4 | - | 4 | Sum | 123 | 45 | 168 |
| 39 | 2 | 1 | 3 | | | | |
| 40 | 2 | - | 2 | | | | |
| 41 | 4 | - | 4 | Average size | { Males: 41.99 fe e Females: 31.69 „ t Total animals: 39.23 „ | | |
| 43 | 7 | - | 7 | Per cent | { Males: 73.21 Females: 26.79 | | |
| 44 | 3 | - | 3 | | | | |
| 45 | 3 | - | 3 | | | | |
| 46 | 4 | - | 4 | | | | |

Fin-whales.

| Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|
| | males. | females. | |
| 3 | 1 | 1 | 2 |

Humpback.

1 humpback of 38 feet with sex not stated.

8. Spain.

Baleen whales, not specified.

44 males, 16 females, total 60 whales with length not stated.

Sperm-whales.

185 males, 56 females, total 241 whales with length not stated.

Table No. 8 (continued).

9. Norway.
Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|----------------|-----------|----------|------------------------|
| | males. | females. | | | males. | females. | |
| 45 | 1 | — | 1 | 64 | 2 | 5 | 7 |
| 48 | — | 1 | 1 | 65 | 4 | 4 | 8 |
| 50 | 1 | 5 | 6 | 66 | 2 | 5 | 7 |
| 51 | 2 | 3 | 5 | 67 | 2 | 6 | 8 |
| 52 | 2 | 1 | 3 | 68 | — | 1 | 1 |
| 53 | 5 | 6 | 11 | 69 | — | 3 | 3 |
| 54 | 3 | — | 3 | 70 | — | 1 | 1 |
| 55 | 4 | 7 | 11 | 72 | — | 1 | 1 |
| 56 | 10 | 3 | 13 | Sum | 68 | 71 | 139 |
| 57 | 5 | 1 | 6 | Average size { | | | Males: 58.01 feet |
| 58 | 7 | 4 | 11 | Average size { | | | Females: 59.80 „ |
| 59 | 4 | 3 | 7 | Average size { | | | Total animals: 58.93 „ |
| 60 | 5 | 4 | 9 | Per cent { | | | Males: 48.92 |
| 61 | 3 | — | 3 | Per cent { | | | Females: 51.08 |
| 62 | 5 | 4 | 9 | | | | |
| 63 | 1 | 3 | 4 | | | | |

Sperm-whales.

| Engl. feet. | Number of males. | Engl. feet. | Number of males. |
|-------------|------------------|-------------|------------------|
| 42 | 1 | 50 | 3 |
| 43 | 2 | 51 | 2 |
| 44 | 1 | 52 | 1 |
| 45 | 2 | 54 | 2 |
| 46 | 3 | 55 | 1 |
| 47 | 5 | | |
| 48 | 3 | | |
| 49 | 3 | Sum | 1) 29 |

Average size: Males: 48.03 feet.

1) 1 sperm-whale lost.

Sei-whale.

1 male, 35.00 feet.

Table No. 8 (continued).

10. Faroe Islands.
Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. | | |
|-------------|-----------|----------|----------------|--------------|-------------------|------------------|------------------------|----------|--------------|
| | males. | females. | | | males. | females. | | | |
| 50 | 3 | 6 | 9 | 65 | 5 | 2 | 7 | | |
| 51 | 2 | 3 | 5 | 66 | 3 | 2 | 5 | | |
| 52 | 1 | 5 | 6 | 67 | 5 | 2 | 7 | | |
| 53 | 1 | 2 | 3 | 68 | 1 | 1 | 2 | | |
| 54 | - | 4 | 4 | 69 | 1 | 2 | 3 | | |
| 55 | 7 | 1 | 8 | 70 | 1 | 4 | 5 | | |
| 56 | 3 | 3 | 6 | 73 | - | 1 | 1 | | |
| 57 | 6 | 1 | 7 | Sum | 72 | 69 | 141 | | |
| 58 | 10 | 6 | 16 | Average size | Males: 59.79 feet | Females: 59.33 " | Total animals: 59.57 " | | |
| 59 | 8 | 4 | 12 | | | | | Per cent | Males: 51.06 |
| 60 | 3 | 8 | 11 | | | | | | |
| 61 | 2 | - | 2 | | | | | | |
| 62 | 2 | 3 | 5 | | | | | | |
| 63 | 2 | 2 | 4 | | | | | | |
| 64 | 6 | 7 | 13 | | | | | | |

Sperm-whales.

| Engl. feet. | Number of males. | Engl. feet. | Number of males. |
|-------------|------------------|-------------|------------------|
| 38 | 1 | 48 | 8 |
| 39 | 3 | 49 | 5 |
| 40 | 3 | 50 | 5 |
| 41 | 4 | 51 | 3 |
| 42 | 3 | 52 | 4 |
| 43 | 3 | 54 | 1 |
| 44 | 3 | 55 | 2 |
| 45 | 3 | Sum | 57 |
| 46 | 2 | | |
| 47 | 4 | | |

Average size: Males: 46.40 feet.

Humpback.

1 female, 40.00 feet.

11. Iceland.
Blue-whales.

| Engl. feet. | Number of | | Total animals. | Average size | Males: 72.00 feet | Females: 69.50 " | Total animals: 71.00 " |
|-------------|-----------|----------|----------------|--------------|-------------------|------------------|------------------------|
| | males. | females. | | | | | |
| 62 | 1 | - | 1 | Per cent | Males: 60.00 | Females: 40.00 | |
| 66 | - | 1 | 1 | | | | |
| 69 | - | 1 | 1 | | | | |
| 70 | 1 | - | 1 | | | | |
| 71 | - | 1 | 1 | | | | |
| 72 | - | 1 | 1 | | | | |
| 73 | 1 | - | 1 | | | | |
| 74 | 1 | - | 1 | | | | |
| 75 | 1 | - | 1 | | | | |
| 78 | 1 | - | 1 | | | | |
| Sum | 6 | 4 | 10 | | | | |

Table No. 8 (continued).

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--------------|---|----------|----------------|
| | males. | females. | | | males. | females. | |
| 47 | 1 | — | 1 | 65 | 3 | 11 | 14 |
| 48 | 1 | — | 1 | 66 | 2 | 8 | 10 |
| 50 | 6 | 2 | 8 | 67 | — | 9 | 9 |
| 51 | 6 | 7 | 13 | 68 | — | 9 | 9 |
| 52 | 3 | 10 | 13 | 69 | — | 6 | 6 |
| 53 | 3 | 5 | 8 | 70 | — | 2 | 2 |
| 54 | 7 | 11 | 18 | 72 | — | 2 | 2 |
| 55 | 8 | 9 | 17 | | | | |
| 56 | 20 | 8 | 28 | Sum | 150 | 198 | 348 |
| 57 | 14 | 17 | 31 | | | | |
| 58 | 17 | 10 | 27 | | | | |
| 59 | 13 | 14 | 27 | Average size | { Males: 57.81 feet Females: 60.14 " Total animals: 59.13 " | | |
| 60 | 10 | 8 | 18 | Per cent | { Males: 43.10 Females: 56.90 | | |
| 61 | 12 | 17 | 29 | | | | |
| 62 | 10 | 10 | 20 | | | | |
| 63 | 9 | 12 | 21 | | | | |
| 64 | 5 | 11 | 16 | | | | |

Sei-whales.

| | | | | | | | |
|----|---|---|----|--------------|---|----|----|
| 35 | 2 | — | 2 | 48 | — | 6 | 6 |
| 36 | 1 | 1 | 2 | 49 | — | 1 | 1 |
| 37 | 1 | — | 1 | 50 | — | 2 | 2 |
| 38 | — | 3 | 3 | Sum | 28 | 50 | 78 |
| 39 | — | 3 | 3 | | | | |
| 40 | 2 | 6 | 8 | | | | |
| 41 | 7 | 5 | 12 | Average size | { Males: 41.54 feet Females: 43.32 " Total animals: 42.68 " | | |
| 42 | 4 | 4 | 8 | Per cent | { Males: 35.90 Females: 64.10 | | |
| 43 | 6 | 4 | 10 | | | | |
| 44 | 2 | 5 | 7 | | | | |
| 45 | 1 | 6 | 7 | | | | |
| 46 | — | 1 | 1 | | | | |
| 47 | 2 | 3 | 5 | | | | |

Sperm-whales.

| Engl. feet. | Number of males. | Engl. feet. | Number of males. |
|-------------|------------------|-------------|------------------|
| 45 | 1 | 53 | 16 |
| 46 | 1 | 54 | 9 |
| 48 | 2 | 55 | 2 |
| 49 | 6 | 56 | 2 |
| 50 | 9 | 57 | 1 |
| 51 | 14 | | |
| 52 | 18 | Sum | 81 |

Average size: Males: 51.78 feet.

Table No. 8 (continued).

12. West Greenland.**Blue-whale.**

1 female, 78.00 feet.

Fin-whales.

| Engl. feet. | Number of | | Total animals. | |
|-------------|-----------|----------|----------------|--|
| | males. | females. | | |
| 53 | 1 | — | 1 | Average size { Males: 60.82 feet Females: 61.70 " Total animals: 61.24 " |
| 57 | 1 | 2 | 3 | |
| 58 | — | 1 | 1 | |
| 59 | 1 | — | 1 | |
| 61 | 3 | 4 | 7 | |
| 62 | 1 | — | 1 | |
| 63 | 2 | — | 2 | |
| 64 | 1 | — | 1 | |
| 65 | 1 | 1 | 2 | |
| 68 | — | 2 | 2 | |
| Sum | 11 | 10 | 21 | Per cent { Males: 52.38 Females: 47.62 |

Sei-whale.

1 female, 50.00 feet.

Sperm-whales.

| Engl. feet. | Number of males. | Engl. feet. | Number of males |
|-------------|------------------|-------------|-----------------|
| 47 | 3 | 53 | 3 |
| 48 | 3 | 54 | 2 |
| 49 | 1 | 55 | 4 |
| 50 | 3 | 58 | 1 |
| 51 | 3 | | |
| 52 | 5 | Sum | 28 |

Average size: Males: 51.50 feet.

13. Newfoundland.**Fin-whales.**

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--|---|----------|------------------|
| | males. | females. | | | males. | females. | |
| 53 | — | — | 1 | 65 | 2 | — | 2 |
| 55 | 1 | — | 1 | 67 | 1 | — | 1 |
| 57 | 1 | — | 1 | Sum | 15 | 7 | ¹⁾ 23 |
| 58 | 3 | — | 3 | Average size { Males: 60.67 feet Females: 61.43 " Total animals: 60.57 " | Per cent { Males: 68.18 Females: 31.82 | | |
| 59 | 2 | — | 2 | | | | |
| 60 | — | 2 | 2 | | | | |
| 61 | 2 | 2 | 4 | | | | |
| 62 | 2 | 1 | 3 | | | | |
| 63 | 1 | 2 | 3 | | | | |

¹⁾ Including 1 fin-whale of 53 ft. with sex not stated.

Table No. 8 (continued).

Sei-whales.

| Engl. feet. | Number of | | Total animals. | Average size | { Males: 51.00 feet Females: 49.00 " Total animals: 49.80 " |
|-------------|-----------|----------|----------------|--------------|---|
| | males. | females. | | | |
| 48 | — | 1 | 1 | Per cent | { Males: 40.00 Females: 60.00 |
| 49 | — | 1 | 1 | | |
| 50 | — | 1 | 1 | | |
| 51 | 2 | — | 2 | | |
| Sum | 2 | 3 | 5 | | |

Sperm-whales.

| Engl. feet. | Males. |
|-------------|-----------|
| 53 | 1 |
| 54 | 2 |
| 55 | 3 |
| 56 | 4 |
| 57 | 2 |
| 58 | 2 |
| Sum | 14 |

Average size: Males: 55.71 feet.

14. Summary North Atlantic and Arctic.

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

Blue-whales.

| Engl. feet. | Number of | | Total animals. | Average size | { Males: 72.00 feet Females: 71.20 " Total animals: 71.64 " |
|-------------|-----------|----------|----------------|--------------|---|
| | males. | females. | | | |
| 62 | 1 | — | 1 | Per cent | { Males: 54.55 Females: 45.45 |
| 66 | — | 1 | 1 | | |
| 69 | — | 1 | 1 | | |
| 70 | 1 | — | 1 | | |
| 71 | — | 1 | 1 | | |
| 72 | — | 1 | 1 | | |
| 73 | 1 | — | 1 | | |
| 74 | 1 | — | 1 | | |
| 75 | 1 | — | 1 | | |
| 78 | 1 | 1 | 2 | | |
| Sum | 6 | 5 | 11 | | |

Humpback.

1 female, 40.00 feet.

Table No. 8 (continued).

| Fin-whales. | | | | | | | |
|--------------------|-----------|----------|------------------|--------------|-----------|------------------------|-------------------|
| Engl. feet. | Number of | | Total animals | Engl. feet. | Number of | | Total animals. |
| | males. | females. | | | males. | females. | |
| 45 | 1 | — | 1 | 65 | 15 | 18 | 33 |
| 47 | 1 | — | 1 | 66 | 7 | 15 | 22 |
| 48 | 1 | 1 | 2 | 67 | 8 | 17 | 25 |
| 50 | 10 | 13 | 23 | 68 | 1 | 13 | 14 |
| 51 | 10 | 13 | 23 | 69 | 1 | 11 | 12 |
| 52 | 6 | 16 | 22 | 70 | 1 | 7 | 8 |
| 53 | 10 | 13 | ¹⁾ 24 | 72 | — | 3 | 3 |
| 54 | 10 | 15 | 25 | 73 | — | 1 | 1 |
| 55 | 20 | 17 | 37 | | | | |
| 56 | 33 | 14 | 47 | Sum | 316 | 355 | ¹⁾ 672 |
| 57 | 27 | 21 | 48 | | | | |
| 58 | 37 | 21 | 58 | | | | |
| 59 | 28 | 21 | 49 | Average size | { | Males: 58.54 feet | |
| 60 | 18 | 22 | 40 | | { | Females: 59.98 " | |
| 61 | 22 | 23 | 45 | | { | Total animals: 59.30 " | |
| 62 | 20 | 18 | 38 | Per cent | { | Males: 47.09 | |
| 63 | 15 | 19 | 34 | | { | Females: 52.91 | |
| 64 | 14 | 23 | 37 | | | | |

¹⁾ Including 1 fin-whale of 53 feet with sex not stated.

| Sei-whales. | | | | | | | |
|--------------------|---|---|----|--------------|----|------------------------|----|
| 35 | 3 | — | 3 | 48 | — | 7 | 7 |
| 36 | 1 | 1 | 2 | 49 | — | 2 | 2 |
| 37 | 1 | — | 1 | 50 | — | 4 | 4 |
| 38 | — | 3 | 3 | 51 | 2 | — | 2 |
| 39 | — | 3 | 3 | Sum | 31 | 54 | 85 |
| 40 | 2 | 6 | 8 | | | | |
| 41 | 7 | 5 | 12 | Average size | { | Males: 41.94 feet | |
| 42 | 4 | 4 | 8 | | { | Females: 43.76 " | |
| 43 | 6 | 4 | 10 | | { | Total animals: 43.09 " | |
| 44 | 2 | 5 | 7 | Per cent | { | Males: 36.47 | |
| 45 | 1 | 6 | 7 | | { | Females: 63.53 | |
| 46 | — | 1 | 1 | | | | |
| 47 | 2 | 3 | 5 | | | | |

| Sperm-whales. | | | |
|----------------------|------------------|-------------|-------------------|
| Engl. feet. | Number of males. | Engl. feet. | Number of males. |
| 38 | 1 | 50 | 20 |
| 39 | 3 | 51 | 22 |
| 40 | 3 | 52 | 28 |
| 41 | 4 | 53 | 20 |
| 42 | 4 | 54 | 16 |
| 43 | 5 | 55 | 12 |
| 44 | 4 | 56 | 6 |
| 45 | 6 | 57 | 3 |
| 46 | 6 | 58 | 3 |
| 47 | 12 | | |
| 48 | 16 | Sum | ¹⁾ 209 |
| 49 | 15 | | |

Average size: Males: 50.02 feet.

¹⁾ In addition 1 sperm-whale lost.

Table No. 8 (continued).

15. California.

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|---|-----------|----------|----------------|
| | males. | females. | | | males. | females. | |
| 55 | 2 | — | 2 | 67 | — | 2 | 2 |
| 56 | — | 2 | 2 | 68 | 1 | 2 | 3 |
| 57 | — | 2 | 2 | Sum | 8 | 14 | 22 |
| 58 | 1 | 2 | 3 | Average size { Males: 60.63 feet Females: 62.14 " Total animals: 61.59 " Per cent { Males: 36.36 Females: 63.64 | | | |
| 60 | 1 | — | 1 | | | | |
| 62 | 1 | — | 1 | | | | |
| 63 | 1 | — | 1 | | | | |
| 64 | 1 | 2 | 3 | | | | |
| 65 | — | 2 | 2 | | | | |

Humpbacks.

| | | | | | | | |
|----|----|----|----|---|----|-----|-----|
| 33 | — | 1 | 1 | 45 | 4 | 7 | 11 |
| 34 | 2 | — | 2 | 46 | 1 | 8 | 9 |
| 35 | 16 | 11 | 27 | 47 | — | 8 | 8 |
| 36 | 8 | 3 | 11 | 48 | — | 3 | 3 |
| 37 | 4 | 6 | 10 | 50 | — | 3 | 3 |
| 38 | 4 | 4 | 8 | Sum | 92 | 107 | 199 |
| 39 | 8 | 8 | 16 | Average size { Males: 39.59 feet Females: 41.74 " Total animals: 40.74 " Per cent { Males: 46.23 Females: 53.77 | | | |
| 40 | 8 | 6 | 14 | | | | |
| 41 | 10 | 7 | 17 | | | | |
| 42 | 11 | 12 | 23 | | | | |
| 43 | 8 | 10 | 18 | | | | |
| 44 | 8 | 10 | 18 | | | | |

Sei-whale.

1 female, 51.00 feet.

Sperm-whales.

| Engl. feet. | Number of males. | Engl. feet. | Number of males. |
|-------------|------------------|-------------|------------------|
| 39 | 1 | 48 | 1 |
| 41 | 2 | 49 | 1 |
| 42 | 2 | 50 | 2 |
| 43 | 2 | Sum | 14 |
| 44 | 1 | | |
| 45 | 2 | | |

Average size: Males: 44.43 feet.

Table No. 8 (continued).

16. British Columbia.

Blue-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|---|-----------|----------|----------------|
| | males. | females. | | | males. | females. | |
| 65 | — | 2 | 2 | 81 | — | 1 | 1 |
| 70 | 1 | — | 1 | 83 | — | 1 | 1 |
| 72 | 1 | 1 | 2 | Sum | 3 | 12 | 15 |
| 73 | — | 1 | 1 | Average size { Males: 73.00 feet Females: 75.50 „ Total animals: 75.00 „ Per cent { Males: 20.00 Females: 80.00 | | | |
| 74 | — | 1 | 1 | | | | |
| 75 | — | 1 | 1 | | | | |
| 77 | 1 | — | 1 | | | | |
| 79 | — | 2 | 2 | | | | |
| 80 | — | 2 | 2 | | | | |

Fin-whales.

| | | | | | | | |
|----|----|----|------------------|---|-----|-----|-------------------|
| 43 | 1 | — | 1 | 63 | 7 | 21 | 28 |
| 44 | 1 | — | 1 | 64 | 9 | 10 | 19 |
| 45 | 1 | — | 1 | 65 | 1 | 4 | 5 |
| 46 | — | 1 | 1 | 66 | — | 10 | 10 |
| 48 | 1 | 1 | 2 | 67 | 1 | 8 | 9 |
| 50 | 9 | 11 | 20 | 68 | — | 5 | 5 |
| 51 | 7 | 5 | 12 | 69 | — | 6 | 6 |
| 52 | 6 | 2 | 8 | 70 | — | 3 | 3 |
| 53 | 6 | 3 | 9 | Sum | 132 | 151 | ¹⁾ 284 |
| 54 | 4 | 2 | 6 | Average size { Males: 57.56 feet Females: 60.48 „ Total animals: 59.11 „ Per cent { Males: 46.64 Females: 53.36 | | | |
| 55 | 1 | 5 | 6 | | | | |
| 56 | 7 | 5 | ¹⁾ 13 | | | | |
| 57 | 9 | 9 | 18 | | | | |
| 58 | 13 | 5 | 18 | | | | |
| 59 | 14 | 8 | 22 | | | | |
| 60 | 10 | 6 | 16 | | | | |
| 61 | 12 | 12 | 24 | | | | |
| 62 | 12 | 9 | 21 | | | | |

¹⁾ Including 1 fin-whale of 56 feet with sex not stated.

Humpbacks.

| | | | | | | | |
|----|---|---|---|---|----|----|----|
| 33 | 1 | 1 | 2 | 44 | 3 | 5 | 8 |
| 34 | 1 | — | 1 | 45 | 1 | 3 | 4 |
| 35 | — | 2 | 2 | Sum | 27 | 22 | 49 |
| 36 | 1 | — | 1 | Average size { Males: 40.52 feet Females: 41.00 „ Total animals: 40.73 „ Per cent { Males: 55.10 Females: 44.90 | | | |
| 37 | 1 | 1 | 2 | | | | |
| 38 | 2 | — | 2 | | | | |
| 39 | 1 | 2 | 3 | | | | |
| 40 | 4 | 3 | 7 | | | | |
| 41 | 5 | 2 | 7 | | | | |
| 42 | 4 | 2 | 6 | | | | |
| 43 | 3 | 1 | 4 | | | | |

Table No. 8 (continued).

Sei-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|---|-----------|----------|----------------|
| | males. | females. | | | males. | females. | |
| 35 | 2 | — | 2 | 48 | 2 | 6 | 8 |
| 36 | 1 | — | 1 | 49 | — | 8 | 8 |
| 37 | 1 | 1 | 2 | 50 | — | 3 | 3 |
| 38 | 1 | 2 | 3 | 51 | — | 2 | 2 |
| 39 | 1 | 1 | 2 | Sum | 36 | 57 | 93 |
| 40 | 1 | 3 | 4 | Average size { Males: 43.00 feet Females: 45.40 " Total animals: 44.47 " Per cent { Males: 38.71 Females: 61.29 | | | |
| 41 | 2 | 4 | 6 | | | | |
| 42 | 3 | 3 | 6 | | | | |
| 43 | 4 | 1 | 5 | | | | |
| 44 | 2 | 3 | 5 | | | | |
| 45 | 12 | 5 | 17 | | | | |
| 46 | 4 | 11 | 15 | | | | |
| 47 | — | 4 | 4 | | | | |

Sperm-whales.

| | | | | | | | |
|----|----|----|----|---|-----|----|-----|
| 28 | 1 | — | 1 | 46 | 12 | — | 12 |
| 31 | — | 2 | 2 | 47 | 5 | — | 5 |
| 32 | — | 2 | 2 | 48 | 8 | — | 8 |
| 33 | 1 | 3 | 4 | 49 | 4 | — | 4 |
| 34 | 1 | 2 | 3 | 50 | 6 | — | 6 |
| 35 | 2 | 17 | 19 | 51 | 3 | — | 3 |
| 36 | 2 | 8 | 10 | 52 | 1 | — | 1 |
| 37 | 11 | 8 | 19 | 53 | 1 | — | 1 |
| 38 | 6 | 2 | 8 | Sum | 146 | 44 | 190 |
| 39 | 14 | — | 14 | Average size { Males: 42.62 feet Females: 35.18 " Total animals: 40.89 " Per cent { Males: 76.84 Females: 23.16 | | | |
| 40 | 15 | — | 15 | | | | |
| 41 | 11 | — | 11 | | | | |
| 42 | 9 | — | 9 | | | | |
| 43 | 14 | — | 14 | | | | |
| 44 | 7 | — | 7 | | | | |
| 45 | 12 | — | 12 | | | | |

17. Ryukyu Islands

(Okinawa Island).

Humpbacks.

| | | | | | | | |
|----|---|---|---|---|----|---|----|
| 35 | — | 3 | 3 | 45 | — | 1 | 1 |
| 36 | 1 | — | 1 | 46 | — | 1 | 1 |
| 37 | 1 | — | 1 | 48 | 1 | — | 1 |
| 38 | 3 | — | 3 | Sum | 14 | 9 | 23 |
| 39 | 1 | 1 | 2 | Average size { Males: 40.50 feet Females: 39.78 " Total animals: 40.22 " Per cent { Males: 60.87 Females: 39.13 | | | |
| 40 | 1 | 2 | 3 | | | | |
| 41 | 1 | — | 1 | | | | |
| 42 | 4 | — | 4 | | | | |
| 43 | — | 1 | 1 | | | | |
| 44 | 1 | — | 1 | | | | |

Table No. 8 (continued).

18. Japan.

Blue-whales.

| Engl. feet. | Females. |
|-------------|----------|
| 65 | 1 |
| 66 | 1 |
| 72 | 1 |
| 74 | 1 |
| 78 | 1 |
| Sum | 5 |

Average size: Females: 71.00 feet.

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|---|-----------|----------|-------------------|
| | males. | females. | | | males. | females. | |
| 50 | 10 | 8 | 18 | 65 | 2 | 2 | 4 |
| 51 | 17 | 21 | 38 | 66 | - | 3 | 3 |
| 52 | 14 | 10 | 24 | 67 | - | 3 | 3 |
| 53 | 18 | 8 | 26 | 68 | - | 2 | 2 |
| 54 | 7 | 7 | 14 | 69 | - | 1 | 1 |
| 55 | 11 | 7 | 18 | 70 | - | 1 | 1 |
| 56 | 4 | 1 | 5 | Sum | 133 | 124 | ¹⁾ 257 |
| 57 | 10 | 3 | 13 | Average size { Males: 55.26 feet Females: 57.25 " Total animals: 56.22 " Per cent { Males: 51.75 Females: 48.25 | | | |
| 58 | 11 | 1 | 12 | | | | |
| 59 | 10 | 3 | 13 | | | | |
| 60 | 6 | 10 | 16 | | | | |
| 61 | 6 | 10 | 16 | | | | |
| 62 | 2 | 10 | 12 | | | | |
| 63 | 4 | 7 | 11 | | | | |
| 64 | 1 | 6 | 7 | | | | |

¹⁾ In addition 3 fin-whales lost.

Humpbacks.

| Engl. feet. | Number of | | Total animals. | Average size { | Males: 38.33 feet |
|-------------|-----------|----------|----------------|----------------|--------------------------------|
| | males. | females. | | | |
| 35 | 1 | 1 | 2 | Per cent { | Males: 60.00 Females: 40.00 |
| 40 | 2 | - | 2 | | |
| 43 | - | 1 | 1 | | |
| Sum | 3 | 2 | 5 | | |

Table No. 8 (continued).

Sei-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--------------|-----------|----------------|-------------------|
| | males. | females. | | | males. | females. | |
| 35 | 8 | 6 | 14 | 48 | 3 | 10 | 13 |
| 36 | 13 | 13 | 26 | 49 | 3 | 17 | 20 |
| 37 | 7 | 9 | 16 | 50 | — | 14 | 14 |
| 38 | 18 | 16 | 34 | 51 | — | 2 | 2 |
| 39 | 15 | 16 | 31 | Sum | 215 | 260 | ¹⁾ 475 |
| 40 | 26 | 13 | 39 | Average size | { | Males: | 41.69 feet |
| 41 | 22 | 25 | 47 | | | Females: | 42.99 " |
| 42 | 13 | 19 | 32 | | | Total animals: | 42.40 " |
| 43 | 13 | 28 | 41 | Per cent | { | Males: | 45.26 |
| 44 | 24 | 18 | 42 | | | Females: | 54.74 |
| 45 | 18 | 20 | 38 | | | | |
| 46 | 21 | 17 | 38 | | | | |
| 47 | 11 | 17 | 28 | | | | |

¹⁾ In addition 3 sei-whales lost.

Sperm-whales.

| | | | | | | | |
|----|-----|-----|-----|--------------|-------|----------------|------------|
| 34 | — | 1 | 1 | 49 | 3 | — | 3 |
| 35 | 257 | 737 | 994 | 50 | 8 | — | 8 |
| 36 | 305 | 426 | 731 | 51 | 7 | — | 7 |
| 37 | 229 | 117 | 346 | 52 | 2 | — | 2 |
| 38 | 96 | 27 | 123 | 53 | 2 | — | 2 |
| 39 | 36 | 2 | 38 | 54 | 1 | — | 1 |
| 40 | 31 | 2 | 33 | Sum | 1,048 | 1,313 | 2,361 |
| 41 | 20 | — | 20 | Average size | { | Males: | 37.22 feet |
| 42 | 10 | 1 | 11 | | | Females: | 35.58 " |
| 43 | 11 | — | 11 | | | Total animals: | 36.31 " |
| 44 | 5 | — | 5 | Per cent | { | Males: | 44.39 |
| 45 | 7 | — | 7 | | | Females: | 55.61 |
| 46 | 5 | — | 5 | | | | |
| 47 | 6 | — | 6 | | | | |
| 48 | 7 | — | 7 | | | | |

19. North Pacific Ocean and Bering Sea, pelagic.

Blue-whales.

| | | | | | | | |
|----|---|---|----|--------------|----|----------------|------------|
| 70 | 1 | 1 | 2 | 82 | 1 | 3 | 4 |
| 71 | 2 | — | 2 | 83 | — | 1 | 1 |
| 72 | 2 | — | 2 | 84 | — | 1 | 1 |
| 73 | 4 | 2 | 6 | Sum | 49 | 21 | 70 |
| 74 | 5 | 1 | 6 | Average size | { | Males: | 76.57 feet |
| 75 | 2 | 1 | 3 | | | Females: | 78.62 " |
| 76 | 6 | — | 6 | | | Total animals: | 77.19 " |
| 77 | 5 | 1 | 6 | Per cent | { | Males: | 70.00 |
| 78 | 8 | 4 | 12 | | | Females: | 30.00 |
| 79 | 5 | — | 5 | | | | |
| 80 | 6 | 2 | 8 | | | | |
| 81 | 2 | 4 | 6 | | | | |

Table No. 8 (continued).

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. | |
|-------------|-----------|----------|----------------|--|-----------|----------|---------------------|--|
| | males. | females. | | | males. | females. | | |
| 52 | 1 | 6 | 7 | 68 | 1 | 38 | 39 | |
| 53 | 2 | 3 | 5 | 69 | — | 16 | 16 | |
| 54 | 2 | 2 | 4 | 70 | — | 10 | 10 | |
| 55 | 27 | 36 | 63 | 71 | — | 2 | 2 | |
| 56 | 26 | 21 | 47 | 72 | — | 3 | 3 | |
| 57 | 39 | 28 | 67 | 73 | — | 1 | 1 | |
| 58 | 85 | 18 | 103 | Sum | 739 | 665 | ¹⁾ 1,404 | |
| 59 | 85 | 31 | 116 | Average size { Males: 60.25 feet Females: 62.75 " Total animals: 61.44 " | | | | |
| 60 | 114 | 35 | 149 | | | | | |
| 61 | 116 | 48 | 164 | | | | | |
| 62 | 117 | 45 | 162 | | | | | |
| 63 | 65 | 62 | 127 | | | | | |
| 64 | 28 | 80 | 108 | | | | | |
| 65 | 20 | 63 | 83 | | | | | |
| 66 | 10 | 72 | 82 | | | | | |
| 67 | 1 | 45 | 46 | | | | | |
| | | | | | | | | |
| | | | | Per cent { Males: 52.64 Females: 47.36 | | | | |

¹⁾ In addition 1 fin-whale lost.

Sei-whales.

| | | | | | | | | | | | |
|----|----|----|----|--|----|----|-------------------|---|--|--|--|
| 39 | 1 | — | 1 | 50 | 2 | 15 | 17 | | | | |
| 40 | 1 | — | 1 | 51 | — | 3 | 3 | | | | |
| 41 | 1 | 1 | 2 | Sum | 90 | 75 | ¹⁾ 165 | | | | |
| 42 | 1 | — | 1 | Average size { Males: 45.56 feet Females: 47.88 " Total animals: 46.61 " | | | | | | | |
| 43 | 5 | 2 | 7 | | | | | | | | |
| 44 | 14 | 2 | 16 | | | | | | | | |
| 45 | 16 | 4 | 20 | | | | | | | | |
| 46 | 26 | 10 | 36 | | | | | | | | |
| 47 | 15 | 7 | 22 | | | | | | | | |
| 48 | 6 | 15 | 21 | | | | | | | | |
| 49 | 2 | 16 | 18 | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | Per cent { Males: 54.55 Females: 45.45 | | | |

¹⁾ In addition 1 sei-whale lost.

Sperm-whales.

| Engl. feet. | Number of males. | Engl. feet. | Number of males. |
|-------------|------------------|-------------|---------------------|
| 37 | 2 | 48 | 110 |
| 38 | 57 | 49 | 107 |
| 39 | 114 | 50 | 84 |
| 40 | 147 | 51 | 94 |
| 41 | 140 | 52 | 59 |
| 42 | 139 | 53 | 32 |
| 43 | 128 | 54 | 6 |
| 44 | 136 | 55 | 2 |
| 45 | 118 | 56 | 1 |
| 46 | 100 | Sum | ¹⁾ 1,699 |
| 47 | 123 | | |

Average size: Males: 44.79 feet.

¹⁾ In addition 1 sperm-whale lost.

Table No. 8 (continued).

20. Kamtchatka (pelagic).

Blue-whales.

| Engl. feet. | Number of | | Total animals. | |
|-------------|-----------|----------|----------------|--|
| | males. | females. | | |
| 54 | — | 1 | 1 | Average size { Males: 74.50 feet Females: 72.29 „ Total animals: 72.78 „ |
| 69 | — | 1 | 1 | |
| 70 | 1 | 1 | 2 | |
| 72 | — | 1 | 1 | |
| 79 | 1 | 1 | 2 | |
| 80 | — | 1 | 1 | |
| 82 | — | 1 | 1 | |
| Sum | 2 | 7 | 9 | |

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--|-----------|----------|----------------|
| | males. | females. | | | males. | females. | |
| 55 | 2 | — | 2 | 69 | — | 4 | 4 |
| 56 | 2 | 3 | 5 | 70 | 1 | 1 | 2 |
| 57 | 2 | — | 2 | 74 | — | 1 | 1 |
| 58 | 4 | 2 | 6 | Sum | 43 | 38 | 81 |
| 59 | 10 | 5 | 15 | Average size { Males: 60.23 feet Females: 63.16 „ Total animals: 61.60 „ | | | |
| 60 | 5 | 1 | 6 | | | | |
| 61 | 4 | 4 | 8 | | | | |
| 62 | 7 | 5 | 12 | | | | |
| 63 | 4 | — | 4 | | | | |
| 64 | — | 3 | 3 | | | | |
| 65 | — | 2 | 2 | | | | |
| 66 | 2 | 4 | 6 | | | | |
| 67 | — | 3 | 3 | | | | |
| | | | | | | | |

Humpbacks.

| | | | | | | | | | | | |
|----|---|---|---|--|----|----|----|---|--|--|--|
| 35 | 9 | — | 9 | 46 | 2 | 2 | 4 | | | | |
| 36 | 2 | 1 | 3 | 47 | — | 2 | 2 | | | | |
| 38 | 1 | 1 | 2 | 48 | — | 1 | 1 | | | | |
| 39 | 2 | 1 | 3 | Sum | 32 | 18 | 50 | | | | |
| 40 | 2 | 1 | 3 | Average size { Males: 39.69 feet Females: 43.28 „ Total animals: 40.98 „ | | | | | | | |
| 41 | 3 | — | 3 | | | | | | | | |
| 42 | 4 | 2 | 6 | | | | | | | | |
| 43 | 4 | 1 | 5 | | | | | | | | |
| 44 | 3 | 5 | 8 | | | | | | | | |
| 45 | — | 1 | 1 | | | | | | | | |
| | | | | | | | | Per cent { Males: 64.00 Females: 36.00 | | | |

Table No. 8 (continued).

Sei-whales.

| Engl. feet. | Number of | | Total animals. | |
|-------------|-----------|----------|----------------|--|
| | males. | females. | | |
| 43 | 1 | - | 1 | |
| 46 | 4 | 2 | 6 | |
| 47 | 3 | - | 3 | |
| 48 | - | 1 | 1 | |
| 49 | 1 | 3 | 4 | |
| 50 | - | 1 | 1 | |
| 51 | 1 | 3 | 4 | |
| 52 | 4 | 3 | 7 | |
| 53 | 1 | 1 | 2 | |
| 54 | 2 | 3 | 5 | |
| 55 | 1 | - | 1 | |
| 57 | 1 | - | 1 | |
| Sum | 19 | 17 | 36 | |

Average size { Males: 49.95 feet
Females: 50.65 "
Total animals: 50.28 "

Per cent { Males: 52.78
Females: 47.22

Sperm-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|-------------|-----------|----------|----------------|
| | males. | females. | | | males. | females. | |
| 38 | 118 | 35 | 153 | 51 | 29 | - | 29 |
| 39 | 104 | 10 | 114 | 52 | 51 | - | 51 |
| 40 | 46 | - | 46 | 53 | 3 | - | 3 |
| 41 | 31 | - | 31 | 54 | 3 | - | 3 |
| 42 | 38 | 1 | 39 | Sum | 1,125 | 46 | 1) 1,171 |
| 43 | 109 | - | 109 | | | | |
| 44 | 94 | - | 94 | | | | |
| 45 | 58 | - | 58 | | | | |
| 46 | 108 | - | 108 | | | | |
| 47 | 69 | - | 69 | | | | |
| 48 | 59 | - | 59 | | | | |
| 49 | 128 | - | 128 | | | | |
| 50 | 77 | - | 77 | | | | |

Average size { Males: 44.71 feet
Females: 38.30 "
Total animals: 44.46 "

Per cent { Males: 96.07
Females: 3.93

1) In addition 3 sperm-whales lost.

21. Kuril Islands.

Blue-whales.

| | | | | | | | |
|----|---|---|----|-----|----|----|-------|
| 65 | 1 | - | 1 | 80 | 1 | 1 | 2 |
| 69 | - | 1 | 1 | 82 | - | 1 | 1 |
| 70 | 5 | 5 | 10 | 83 | 1 | - | 1 |
| 71 | 3 | 1 | 4 | Sum | 24 | 19 | 1) 43 |
| 72 | 4 | - | 4 | | | | |
| 73 | - | 1 | 1 | | | | |
| 74 | 1 | 3 | 4 | | | | |
| 75 | 4 | 2 | 6 | | | | |
| 76 | 3 | 2 | 5 | | | | |
| 77 | - | 1 | 1 | | | | |
| 78 | 1 | - | 1 | | | | |
| 79 | - | 1 | 1 | | | | |

Average size { Males: 73.29 feet
Females: 73.95 "
Total animals: 73.58 "

Per cent { Males: 55.81
Females: 44.19

1) In addition 1 blue-whale lost.

Table No. 8 (continued).

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--------------|-----------|----------------|-------------------|
| | males. | females. | | | males. | females. | |
| 55 | 6 | 2 | 8 | 68 | — | 2 | 2 |
| 56 | 6 | 6 | 12 | 69 | 2 | 5 | 7 |
| 57 | 9 | 5 | 14 | 70 | 2 | 1 | 3 |
| 58 | 7 | 2 | 9 | 71 | — | 1 | 1 |
| 59 | 8 | 5 | 13 | 74 | — | 1 | 1 |
| 60 | 6 | 3 | 9 | Sum | 91 | 81 | ¹⁾ 172 |
| 61 | 12 | 6 | 18 | Average size | { | Males: | 60.82 feet |
| 62 | 9 | 8 | 17 | | | Females: | 62.75 " |
| 63 | 7 | 5 | 12 | | | Total animals: | 61.73 " |
| 64 | 5 | 9 | 14 | Per cent | { | Males: | 52.91 |
| 65 | 7 | 11 | 18 | | | Females: | 47.09 |
| 66 | 1 | 6 | 7 | | | | |
| 67 | 4 | 3 | 7 | | | | |

¹⁾ In addition 1 fin-whale lost.

Humpbacks.

| Engl. feet. | Number of females. |
|-------------|--------------------|
| 39 | 2 |

Average: females: 39.00 feet.

Sei-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--------------|-----------|----------------|----------------|
| | males. | females. | | | males. | females. | |
| 38 | — | 1 | 1 | 52 | 2 | 3 | 5 |
| 40 | 6 | 5 | 11 | 53 | 1 | — | 1 |
| 41 | 2 | 4 | 6 | 54 | — | 1 | 1 |
| 42 | — | 4 | 4 | Sum | 50 | 58 | 108 |
| 43 | 2 | 6 | 8 | Average size | { | Males: | 45.44 feet |
| 44 | 4 | 1 | 5 | | | Females: | 45.79 " |
| 45 | 3 | 1 | 4 | | | Total animals: | 45.63 " |
| 46 | 21 | 14 | 35 | Per cent | { | Males: | 46.30 |
| 47 | 5 | 4 | 9 | | | Females: | 53.70 |
| 48 | 3 | 2 | 5 | | | | |
| 49 | — | 3 | 3 | | | | |
| 50 | — | 5 | 5 | | | | |
| 51 | 1 | 4 | 5 | | | | |

Table No. 8 (continued).

Sperm-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--------------|--------------------------|----------|---------------------|
| | males. | females. | | | males. | females. | |
| 30 | 1 | 1 | 2 | 48 | 34 | — | 34 |
| 31 | — | 3 | 3 | 49 | 21 | — | 21 |
| 32 | — | 3 | 3 | 50 | 67 | — | 67 |
| 33 | 3 | 2 | 5 | 51 | 34 | — | 34 |
| 34 | 1 | 1 | 2 | 52 | 32 | — | 32 |
| 35 | 340 | 124 | 464 | 53 | 18 | — | 18 |
| 36 | 271 | 93 | 364 | 54 | 10 | — | 10 |
| 37 | 142 | 37 | 179 | 55 | 2 | — | 2 |
| 38 | 126 | 18 | 144 | 56 | 1 | — | 1 |
| 39 | 93 | 22 | 115 | | | | |
| 40 | 43 | 9 | 52 | Sum | 1,457 | 346 | ¹⁾ 1,803 |
| 41 | 57 | 5 | 62 | | | | |
| 42 | 57 | 20 | 77 | | | | |
| 43 | 26 | 2 | 28 | Average size | { Males: 39.59 feet | | |
| 44 | 13 | 1 | 14 | | { Females: 36.64 " | | |
| 45 | 23 | 5 | 28 | | { Total animals: 39.02 " | | |
| 46 | 23 | — | 23 | Per cent | { Males: 80.81 | | |
| 47 | 19 | — | 19 | | { Females: 19.19 | | |

¹⁾ In addition 18 sperm-whales lost.

22. Summary Pacific North.

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

Blue-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--------------|--------------------------|----------|-------------------|
| | males. | females. | | | males. | females. | |
| 54 | — | 1 | 1 | 81 | 2 | 5 | 7 |
| 65 | 1 | 3 | 4 | 82 | 1 | 5 | 6 |
| 66 | — | 1 | 1 | 83 | 1 | 2 | 3 |
| 69 | — | 2 | 2 | 84 | — | 1 | 1 |
| 70 | 8 | 7 | 15 | Sum | 78 | 64 | ¹⁾ 142 |
| 71 | 5 | 1 | 6 | | | | |
| 72 | 7 | 3 | 10 | | | | |
| 73 | 4 | 4 | 8 | Average size | { Males: 75.37 feet | | |
| 74 | 6 | 6 | 12 | | { Females: 75.36 " | | |
| 75 | 6 | 4 | 10 | | { Total animals: 75.37 " | | |
| 76 | 9 | 2 | 11 | Per cent | { Males: 54.93 | | |
| 77 | 6 | 2 | 8 | | { Females: 45.07 | | |
| 78 | 9 | 5 | 14 | | | | |
| 79 | 6 | 4 | 10 | | | | |
| 80 | 7 | 6 | 13 | | | | |

¹⁾ In addition 1 blue-whale lost.

Table No. 8 (continued).

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|----------------------------------|-----------|----------|---------------------|
| | males. | females. | | | males. | females. | |
| 43 | 1 | — | 1 | 65 | 30 | 84 | 114 |
| 44 | 1 | — | 1 | 66 | 13 | 95 | 108 |
| 45 | 1 | — | 1 | 67 | 6 | 64 | 70 |
| 46 | — | 1 | 1 | 68 | 2 | 49 | 51 |
| 48 | 1 | 1 | 2 | 69 | 2 | 32 | 34 |
| 50 | 19 | 19 | 38 | 70 | 3 | 16 | 19 |
| 51 | 24 | 26 | 50 | 71 | — | 3 | 3 |
| 52 | 21 | 18 | 39 | 72 | — | 3 | 3 |
| 53 | 26 | 14 | 40 | 73 | — | 1 | 1 |
| 54 | 13 | 11 | 24 | 74 | — | 2 | 2 |
| 55 | 49 | 50 | 99 | Sum | 1,146 | 1,073 | ¹⁾ 2,220 |
| 56 | 45 | 38 | 84 | Average size { Males: 59.41 feet | | | |
| 57 | 69 | 47 | 116 | { Females: 61.80 " | | | |
| 58 | 121 | 30 | 151 | { Total animals: 60.57 " | | | |
| 59 | 127 | 52 | 179 | Per cent { Males: 51.64 | | | |
| 60 | 142 | 55 | 197 | { Females: 48.36 | | | |
| 61 | 150 | 80 | 230 | | | | |
| 62 | 148 | 77 | 225 | | | | |
| 63 | 88 | 95 | 183 | | | | |
| 64 | 44 | 110 | 154 | | | | |

¹⁾ In addition 5 fin-whales lost, but including 1 fin-whale of 56 feet with sex not stated.

Humpbacks.

| | | | | | | | |
|----|----|----|----|----------------------------------|-----|-----|-----|
| 33 | 1 | 2 | 3 | 46 | 3 | 11 | 14 |
| 34 | 3 | — | 3 | 47 | — | 10 | 10 |
| 35 | 26 | 17 | 43 | 48 | 1 | 4 | 5 |
| 36 | 12 | 4 | 16 | 49 | — | — | — |
| 37 | 6 | 7 | 13 | 50 | — | 3 | 3 |
| 38 | 10 | 5 | 15 | Sum | 169 | 159 | 328 |
| 39 | 13 | 13 | 26 | Average size { Males: 39.80 feet | | | |
| 40 | 17 | 12 | 29 | { Females: 41.65 " | | | |
| 41 | 19 | 9 | 28 | { Total animals: 40.70 " | | | |
| 42 | 23 | 16 | 39 | Per cent { Males: 51.52 | | | |
| 43 | 15 | 14 | 29 | { Females: 48.48 | | | |
| 44 | 15 | 20 | 35 | | | | |
| 45 | 5 | 12 | 17 | | | | |

Sei-whales.

| | | | | | | | |
|----|----|----|-----|----------------------------------|-----|-----|-------------------|
| 35 | 10 | 6 | 16 | 51 | 2 | 15 | 17 |
| 36 | 14 | 13 | 27 | 52 | 6 | 6 | 12 |
| 37 | 8 | 10 | 18 | 53 | 2 | 1 | 3 |
| 38 | 19 | 19 | 38 | 54 | 2 | 4 | 6 |
| 39 | 17 | 17 | 34 | 55 | 1 | — | 1 |
| 40 | 34 | 21 | 55 | 57 | 1 | — | 1 |
| 41 | 27 | 34 | 61 | Sum | 410 | 468 | ¹⁾ 878 |
| 42 | 17 | 26 | 43 | Average size { Males: 43.49 feet | | | |
| 43 | 25 | 37 | 62 | { Females: 44.71 " | | | |
| 44 | 44 | 24 | 68 | { Total animals: 44.14 " | | | |
| 45 | 49 | 30 | 79 | Per cent { Males: 46.70 | | | |
| 46 | 76 | 54 | 130 | { Females: 53.30 | | | |
| 47 | 34 | 32 | 66 | | | | |
| 48 | 14 | 34 | 48 | | | | |
| 49 | 6 | 47 | 53 | | | | |
| 50 | 2 | 38 | 40 | | | | |

¹⁾ In addition 4 sei-whales lost.

Table No. 8 (continued).

Sperm-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. | |
|-------------|-----------|----------|----------------|---|-----------|----------|---------------------|--|
| | males. | females. | | | males. | females. | | |
| 28 | 1 | — | 1 | 48 | 219 | — | 219 | |
| 30 | 1 | 1 | 2 | 49 | 264 | — | 264 | |
| 31 | — | 5 | 5 | 50 | 244 | — | 244 | |
| 32 | — | 5 | 5 | 51 | 167 | — | 167 | |
| 33 | 4 | 5 | 9 | 52 | 145 | — | 145 | |
| 34 | 2 | 4 | 6 | 53 | 56 | — | 56 | |
| 35 | 599 | 878 | 1,477 | 54 | 20 | — | 20 | |
| 36 | 578 | 527 | 1,105 | 55 | 4 | — | 4 | |
| 37 | 384 | 162 | 546 | 56 | 2 | — | 2 | |
| 38 | 403 | 82 | 485 | Sum | 5,489 | 1,749 | ¹⁾ 7,238 | |
| 39 | 362 | 34 | 396 | Average size { Males: 41.89 feet Females: 35.85 " Total animals: 40.43 " Per cent { Males: 75.84 Females: 24.16 | | | | |
| 40 | 282 | 11 | 293 | | | | | |
| 41 | 261 | 5 | 266 | | | | | |
| 42 | 255 | 22 | 277 | | | | | |
| 43 | 290 | 2 | 292 | | | | | |
| 44 | 256 | 1 | 257 | | | | | |
| 45 | 220 | 5 | 225 | | | | | |
| 46 | 248 | — | 248 | | | | | |
| 47 | 222 | — | 222 | | | | | |

¹⁾ In addition 22 sperm-whales lost.

23. Peru.

Sperm-whales.

1,420 males, 961 females, total 2,381 sperm-whales with length not stated.

24. Chile.

Blue-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. | |
|-------------|-----------|----------|----------------|---|-----------|----------|----------------|--|
| | males. | females. | | | males. | females. | | |
| 62 | 1 | — | 1 | 78 | 2 | — | 2 | |
| 63 | 1 | — | 1 | 79 | 2 | 3 | 5 | |
| 64 | 1 | — | 1 | 80 | 1 | — | 1 | |
| 65 | 3 | 2 | 5 | 81 | — | 3 | 3 | |
| 66 | 5 | — | 5 | 82 | — | 1 | 1 | |
| 67 | 1 | — | 1 | 83 | — | 1 | 1 | |
| 68 | 4 | — | 4 | 84 | — | 1 | 1 | |
| 69 | 5 | — | 5 | 85 | — | 1 | 1 | |
| 70 | 9 | 4 | 13 | Sum | 61 | 39 | 100 | |
| 71 | 2 | 3 | 5 | Average size { Males: 71.11 feet Females: 75.13 " Total animals: 72.68 " Per cent { Males: 61.00 Females: 39.00 | | | | |
| 72 | 8 | 2 | 10 | | | | | |
| 73 | 3 | 4 | 7 | | | | | |
| 74 | 4 | 1 | 5 | | | | | |
| 75 | 3 | 6 | 9 | | | | | |
| 76 | 4 | 6 | 10 | | | | | |
| 77 | 2 | 1 | 3 | | | | | |

Table No. 8 (continued).

Fin-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|----------------|-------------------|------------------|------------------------|
| | males. | females. | | | males. | females. | |
| 45 | 1 | — | 1 | 61 | 1 | — | 1 |
| 47 | 2 | — | 2 | 62 | 1 | — | 1 |
| 49 | 1 | — | 1 | 63 | — | 1 | 1 |
| 50 | 5 | 4 | 9 | 65 | 2 | 1 | 3 |
| 51 | 2 | 4 | 6 | Sum | 36 | 33 | 69 |
| 52 | 1 | 3 | 4 | Average size { | Males: 54.64 feet | Females: 54.45 " | Total animals: 54.55 " |
| 53 | 1 | 4 | 5 | | | | |
| 54 | 3 | 1 | 4 | | | | |
| 55 | 3 | 7 | 10 | | | | |
| 56 | 7 | 2 | 9 | | | | |
| 57 | 1 | 3 | 4 | | | | |
| 58 | 2 | 2 | 4 | | | | |
| 59 | 3 | 1 | 4 | | | | |
| | | | | | | | |

Humpbacks.

| Engl. feet. | Number of | | Total animals. | Average size { | Males: 41.50 feet | Females: 39.00 " | Total animals: 41.00 " |
|-------------|-----------|----------|----------------|----------------|-------------------|------------------|------------------------|
| | males. | females. | | | | | |
| 36 | 1 | — | 1 | Per cent { | Males: 80.00 | Females: 20.00 | |
| 39 | — | 1 | 1 | | | | |
| 42 | 1 | — | 1 | | | | |
| 43 | 1 | — | 1 | | | | |
| 45 | 1 | — | 1 | | | | |
| Sum | 4 | 1 | 5 | | | | |

Sei-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|----------------|-------------------|------------------|------------------------|
| | males. | females. | | | males. | females. | |
| 36 | 3 | 1 | 4 | 50 | — | 1 | 1 |
| 39 | 5 | 1 | 6 | 57 | — | 1 | 1 |
| 40 | 1 | — | 1 | 61 | — | 1 | 1 |
| 41 | 2 | 1 | 3 | Sum | 21 | 18 | 39 |
| 42 | 1 | — | 1 | Average size { | Males: 41.95 feet | Females: 46.94 " | Total animals: 44.26 " |
| 43 | 1 | 2 | 3 | | | | |
| 44 | 2 | 1 | 3 | | | | |
| 45 | 2 | — | 2 | | | | |
| 46 | — | 1 | 1 | | | | |
| 47 | 1 | 3 | 4 | | | | |
| 48 | 1 | 1 | 2 | | | | |
| 49 | 2 | 4 | 6 | | | | |
| | | | | | | | |

Table No. 8 (continued).

Sperm-whales.

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--------------|--------------------------|----------|----------------|
| | males. | females. | | | males. | females. | |
| 25 | 1 | — | 1 | 48 | 24 | — | 24 |
| 27 | 1 | — | 1 | 49 | 31 | — | 31 |
| 29 | — | 1 | 1 | 50 | 24 | — | 24 |
| 30 | 1 | 8 | 9 | 51 | 10 | — | 10 |
| 31 | — | 5 | 5 | 52 | 11 | — | 11 |
| 32 | 2 | 5 | 7 | 53 | 9 | — | 9 |
| 33 | 1 | 8 | 9 | 54 | 10 | — | 10 |
| 34 | 5 | 10 | 15 | 55 | 4 | — | 4 |
| 35 | 133 | 381 | 514 | 56 | 1 | — | 1 |
| 36 | 184 | 491 | 675 | 57 | 1 | — | 1 |
| 37 | 124 | 202 | 326 | 59 | 2 | — | 2 |
| 38 | 83 | 77 | 160 | 60 | 1 | — | 1 |
| 39 | 74 | 34 | 108 | | | | |
| 40 | 76 | 4 | 80 | Sum | 1,071 | 1,228 | 2,299 |
| 41 | 32 | 2 | 34 | | | | |
| 42 | 43 | — | 43 | Average size | { Males: 40.23 feet | | |
| 43 | 39 | — | 39 | | { Females: 35.97 " | | |
| 44 | 42 | — | 42 | | { Total animals: 37.95 " | | |
| 45 | 51 | — | 51 | Per cent | { Males: 46.59 | | |
| 46 | 30 | — | 30 | | { Females: 53.41 | | |
| 47 | 21 | — | 21 | | | | |

25. South Pacific Ocean, pelagic.

(North of 40° South Lat.)

(Catch by floating factory on its way to the Antarctic whaling grounds.)

Sperm-whales.

| | | | | | | | |
|----|---|---|---|--------------|--------------------------|---|----|
| 37 | — | 1 | 1 | 50 | 5 | — | 5 |
| 38 | 1 | 4 | 5 | 51 | 2 | — | 2 |
| 39 | 5 | 2 | 7 | 52 | 1 | — | 1 |
| 40 | 3 | 1 | 4 | Sum | 39 | 9 | 48 |
| 41 | 2 | 1 | 3 | | | | |
| 42 | 4 | — | 4 | | | | |
| 44 | 1 | — | 1 | Average size | { Males: 44.82 feet | | |
| 45 | 4 | — | 4 | | { Females: 38.67 " | | |
| 46 | 4 | — | 4 | | { Total animals: 43.67 " | | |
| 47 | 4 | — | 4 | Per cent | { Males: 81.25 | | |
| 48 | 2 | — | 2 | | { Females: 18.75 | | |
| 49 | 1 | — | 1 | | | | |

Table No. 8 (continued).

26. Indian Ocean, pelagic.

(North of 40° South Lat.)

(Catch by floating factories on their way to the Antarctic whaling grounds.)

Sperm-whales.

| Engl. feet. | Number of males. |
|-------------|------------------|
| 38 | 1 |
| 39 | 1 |
| 41 | 4 |
| 42 | 5 |
| 43 | 1 |
| 44 | 2 |
| 45 | 2 |
| 46 | 1 |
| 48 | 3 |
| 50 | 1 |
| 51 | 1 |
| Sum | 1) 22 |

Average size: Males: 43.77 feet.

1) In addition 1 sperm-whale lost.

27. Australia.**Humpbacks.**

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|----------------|-----------|----------|------------------------|
| | males. | females. | | | males. | females. | |
| 31 | 1 | — | 1 | 46 | 8 | 54 | 62 |
| 33 | 2 | — | 2 | 47 | 1 | 21 | 22 |
| 34 | 4 | 2 | 6 | 48 | 1 | 10 | 11 |
| 35 | 21 | 10 | 31 | 49 | 1 | 2 | 3 |
| 36 | 42 | 25 | 67 | 50 | — | 1 | 1 |
| 37 | 67 | 41 | 108 | Sum | 1,173 | 787 | 1) 1,960 |
| 38 | 124 | 48 | 172 | Average size { | | | Males: 40.26 feet |
| 39 | 160 | 67 | 227 | { | | | Females: 41.70 „ |
| 40 | 212 | 76 | 288 | { | | | Total animals: 40.84 „ |
| 41 | 170 | 88 | 258 | Per cent { | | | Males: 59.85 |
| 42 | 187 | 100 | 287 | { | | | Females: 40.15 |
| 43 | 93 | 104 | 197 | | | | |
| 44 | 59 | 84 | 143 | | | | |
| 45 | 20 | 54 | 74 | | | | |

1) In addition 1 humpback mutilated by sharks, length and sex not stated.

Sperm-whales.

| | | | | | | | |
|----|----|----|----|----------------|-----|----|------------------------|
| 35 | 1 | 11 | 12 | 50 | 7 | — | 7 |
| 36 | 7 | 4 | 11 | 51 | 5 | — | 5 |
| 37 | 7 | 1 | 8 | 52 | 4 | — | 4 |
| 38 | 3 | 1 | 4 | 53 | 1 | — | 1 |
| 39 | 11 | — | 11 | 54 | 1 | — | 1 |
| 40 | 1 | — | 1 | Sum | 122 | 17 | 139 |
| 41 | 5 | — | 5 | Average size { | | | Males: 43.88 feet |
| 42 | 10 | — | 10 | { | | | Females: 35.53 „ |
| 43 | 13 | — | 13 | { | | | Total animals: 42.86 „ |
| 44 | 8 | — | 8 | Per cent { | | | Males: 87.77 |
| 45 | 9 | — | 9 | { | | | Females: 12.23 |
| 46 | 13 | — | 13 | | | | |
| 47 | 7 | — | 7 | | | | |
| 48 | 5 | — | 5 | | | | |
| 49 | 4 | — | 4 | | | | |

Table No. 8 (continued).

**28. New Zealand.
Humpbacks.**

| Engl. feet. | Number of | | Total animals. | Engl. feet. | Number of | | Total animals. |
|-------------|-----------|----------|----------------|--|-----------|----------|----------------|
| | males. | females. | | | males. | females. | |
| 34 | 2 | 1 | 3 | 46 | 1 | 6 | 7 |
| 35 | 6 | 8 | 14 | 47 | 1 | 2 | 3 |
| 36 | 9 | 1 | 10 | 48 | — | 2 | 2 |
| 37 | 13 | 9 | 22 | 49 | — | 1 | 1 |
| 38 | 5 | 2 | 7 | Sum | 102 | 80 | 1) 182 |
| 39 | 9 | 7 | 16 | Average size { Males: 39.75 feet Females: 41.16 „ Total animals: 40.37 „ | | | |
| 40 | 14 | 4 | 18 | | | | |
| 41 | 14 | 9 | 23 | Per cent { Males: 56.04 Females: 43.96 | | | |
| 42 | 9 | 6 | 15 | | | | |
| 43 | 13 | 7 | 20 | | | | |
| 44 | 4 | 11 | 15 | | | | |
| 45 | 2 | 4 | 6 | | | | |

1) In addition 2 humpbacks lost.

Sei-whales.

| | | | | | | | |
|-----|---|---|---|--|--|--|--|
| 42 | 1 | — | 1 | Average size { Males: 42.00 feet Females: 45.00 „ Total animals: 43.50 „ | | | |
| 45 | — | 1 | 1 | | | | |
| Sum | 1 | 1 | 2 | Per cent { Males: 50.00 Females: 50.00 | | | |

Table No. 9.—Average production of oil per “blue-whale unit” in the summer season 1957.

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

| Geographical areas. | Company. | Blue-whale equivalents. | Oil production. | |
|------------------------------------|----------|-------------------------|------------------------|------------------------------------|
| | | | Total. | Average per blue-whale equivalent. |
| <i>Africa:—</i> | | | Barrels. ¹⁾ | Barrels. ¹⁾ |
| Natal | No. 1 | 403.9 | 41,471 | 102.7 |
| Cape Province | „ 2 | 122.4 | 8,914 | 72.8 |
| Total | | 526.3 | 50,385 | 95.7 |
| <i>Brazil:—</i> | | | | |
| Paraiba | No. 1 | 19.2 | 1,265 | 65.9 |
| <i>North Atlantic and Arctic:—</i> | | | | |
| Madeira | No. 1 | 1.4 | 108 | 77.1 |
| Spain | „ 1 | ²⁾ — | (197) | — |
| | „ 2 | ²⁾ — | (488) | — |
| | „ 3 | ²⁾ — | (359) | — |
| Norway | „ 1 | 46.2 | 2,990 | 64.7 |
| | „ 2 | 23.5 | 1,535 | 65.3 |
| Faroe Islands | „ 1 | 70.9 | 3,380 | 47.7 |
| Iceland | „ 1 | 197.0 | 13,735 | 69.7 |
| West Greenland | „ 1 | 11.7 | 329 | 28.1 |
| Newfoundland | „ 1 | 11.8 | 960 | 81.4 |
| Total | | 362.5 | 23,037 | 63.6 |
| <i>Pacific North:—</i> | | | | |
| California | No. 1 | 90.8 | 8,212 | 90.4 |
| British Columbia | „ 1 | 192.1 | 13,284 | 69.2 |
| Bering Sea, pelagic | „ 1 | 799.5 | 72,382 | 90.5 |
| Kamtschatka, pelagic | „ 1 | 75.5 | 4,562 | 60.4 |
| Kuril Islands | „ 1 | 147.8 | 11,890 | 80.4 |
| Japan | „ 1 | 91.1 | 2,977 | 32.7 |
| | „ 2 | 82.4 | 2,599 | 31.5 |
| | „ 3 | 15.1 | 522 | 34.6 |
| | „ 4 | 15.9 | 441 | 27.7 |
| | „ 5 | 10.2 | 274 | 26.9 |
| Ryukyu Islands | „ 1 | 9.2 | 404 | 43.9 |
| Total | | 1,529.6 | 117,547 | 76.8 |
| <i>Chile</i> | No. 1 | 108.1 | 5,147 | 47.6 |
| | „ 2 | 34.9 | 1,372 | 39.3 |
| Total | | 143.0 | 6,519 | 45.6 |
| <i>Australia</i> | No. 1 | 240.0 | 34,500 | 143.8 |
| | „ 2 | 48.4 | 5,095 | 105.3 |
| | „ 3 | 407.2 | 51,500 | 126.5 |
| | „ 4 | 48.0 | 6,606 | 137.6 |
| | „ 5 | 40.8 | 5,034 | 123.4 |
| Total | | 784.4 | 102,735 | 131.0 |
| <i>New Zealand</i> | No. 1 | 62.0 | 7,200 | 116.1 |
| | „ 2 | 11.1 | 1,440 | 129.7 |
| Total | | 73.1 | 8,640 | 118.2 |

¹⁾ Barrel = 170 kg. (Barrel = abt. 1/6 long ton, 1 long ton = 1,016 kg.) ²⁾ The baleen whales are not specified.

Table No. 10.—Average production of oil per sperm-whale in the summer season 1957.

| Geographical areas. | Company. | Number of sperm-whales. | Oil production. | |
|--|----------|-------------------------|------------------------|--------------------------|
| | | | Total. | Average per sperm-whale. |
| | | | Barrels. ¹⁾ | Barrels. ¹⁾ |
| <i>Africa:—</i> | | | | |
| Natal | No. 1 | 757 | 22,412 | 29.6 |
| Cape Province | „ 1 | 456 | 11,159 | 24.5 |
| Total | | 1,213 | 33,571 | 27.7 |
| <i>South Atlantic Ocean, pelagic....</i> | No. 1 | 25 | 1,704 | 68.2 |
| | „ 2 | 28 | 850 | 30.4 |
| Total | | 53 | 2,554 | 48.2 |
| <i>Brazil:—</i> | | | | |
| Paraiba | No. 1 | 2 | 35 | 17.5 |
| <i>North Atlantic and Arctic:—</i> | | | | |
| Azores | No. 1 | 671 | 16,536 | 24.6 |
| Madeira | „ 1 | 168 | 4,730 | 28.2 |
| Spain | „ 1 | 57 | 1,130 | 19.8 |
| | „ 2 | 119 | 2,247 | 18.9 |
| | „ 3 | 65 | 1,826 | 28.1 |
| Norway | „ 1 | 10 | 462 | 46.2 |
| | „ 2 | 19 | 875 | 46.1 |
| Faroe Islands | „ 1 | 57 | 2,636 | 46.2 |
| Iceland | „ 1 | 81 | 5,065 | 62.5 |
| West Greenland | „ 1 | 28 | 1,035 | 37.0 |
| Newfoundland | „ 1 | 14 | 760 | 54.3 |
| Total | | 1,289 | 37,302 | 28.9 |
| <i>Pacific North:—</i> | | | | |
| California | No. 1 | 14 | 529 | 37.8 |
| British Columbia..... | „ 1 | 190 | 5,957 | 31.4 |
| Bering Sea, pelagic | „ 1 | 200 | 10,353 | 51.8 |
| | „ 2 | 1,499 | 66,089 | 44.1 |
| Kamtschatka, pelagic..... | „ 1 | 1,171 | 44,720 | 38.2 |
| Kuril Islands..... | „ 1 | 1,803 | 40,525 | 22.5 |
| Japan | „ 1 | 799 | 12,693 | 15.9 |
| | „ 2 | 654 | 11,940 | 18.3 |
| | „ 3 | 351 | 4,497 | 12.8 |
| | „ 4 | 241 | 4,369 | 18.1 |
| | „ 5 | 316 | 4,115 | 13.0 |
| Total | | 7,238 | 205,787 | 28.4 |
| <i>Peru</i> | No. 1 | 2,381 | 45,745 | 19.2 |
| <i>Chile</i> | No. 1 | 2,014 | 28,575 | 14.2 |
| | „ 2 | 285 | 9,594 | 33.7 |
| Total | | 2,299 | 38,169 | 16.6 |
| <i>Australia.....</i> | No. 1 | 139 | 5,334 | 38.4 |
| <i>South Pacific Ocean, pelagic</i> | No. 1 | 48 | 1,712 | 35.7 |
| <i>Indian Ocean, pelagic</i> | No. 1 | 10 | 371 | 37.1 |
| | „ 2 | 12 | 371 | 30.9 |
| Total | | 22 | 742 | 33.7 |

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

Table No. 11.—Whale foetuses measured in the summer season 1957.
Blue-whale foetuses.

| Geographical areas. | Date when measured. | Length. | | Sex. | Geographical areas. | Date when measured. | Length. | | Sex. |
|--|---------------------|---------|---------|------|---|---------------------|---------|---------|------|
| | | Mother. | Foetus. | | | | Mother. | Foetus. | |
| <i>British Columbia.</i> Average length of foetuses: 2' 1/2" | 24/4 | 80 | 1' 10" | F | <i>Bering Sea</i> (cont.). | 5/7 | 80 | 8' 8" | F |
| | " | 81 | 2' 1" | M | | 6/7 | 82 | 10' 0" | F |
| | 7/5 | 80 | 1' 9" | M | | 7/7 | 82 | 8' 8" | M |
| | 9/5 | 75 | 2' 6" | F | | 27/7 | 77 | 5' 9" | M |
| | " | " | " | " | | " | 78 | 4' 10" | F |
| <i>Bering Sea.</i> Average length of foetuses: 7' 6" | 14/6 | 80 | 9' 9" | F | <i>Chile.</i> Average length of foetuses: 7' 1" | 30/7 | 81 | 8' 10" | F |
| | " | 81 | 8' 8" | M | | " | 82 | 8' 3" | M |
| | 15/6 | 78 | 8' 6" | F | | 3/1 | 77 | 14' 1" | F |
| | 18/5 | 78 | 8' 2" | F | | 4/10 | 76 | 3' 11" | F |
| | 19/6 | 81 | 5' 2" | F | | 12/10 | 76 | 3' 3" | M |
| 25/6 | 81 | 8' 3" | M | " | 84 | 3' 6" | F | | |

Fin-whale foetuses.

| | | | | | | | | | |
|---|------|--------|--------|--|--|------|--------|--------|---|
| <i>Cape Province.</i> | 9/9 | 57 | 1' 0" | F | <i>Iceland</i> (cont.). | 18/6 | 63 | 7' 0" | M |
| | " | " | " | " | | 19/7 | 63 | 5' 0" | M |
| <i>Norway.</i> Average length of foetuses: 6' 9" | 13/6 | 69 | 7' 0" | F | 23/6 | 61 | 8' 6" | M | |
| | 9/7 | 66 | 4' 0" | F | 25/6 | 58 | 4' 0" | M | |
| | 12/7 | 64 | 5' 0" | M | 26/6 | 63 | 5' 6" | M | |
| | " | 65 | 7' 0" | M | 28/6 | 63 | 3' 6" | F | |
| | 21/7 | 70 | 5' 0" | M | 30/6 | 61 | 0' 8" | M | |
| | 27/7 | 63 | 5' 0" | M | 9/7 | 59 | 3' 0" | M | |
| | 18/8 | 62 | 7' 0" | M | 22/7 | 60 | 6' 0" | M | |
| | 19/9 | 67 | 14' 0" | F | 23/7 | 61 | 4' 6" | F | |
| | " | " | " | " | 1/8 | 61 | 3' 6" | M | |
| | " | " | " | " | 4/8 | 67 | 11' 0" | M | |
| | " | " | " | " | 15/8 | 69 | 11' 0" | M | |
| <i>Faroe Islands.</i> Average length of foetuses: 5' 4" | 14/5 | 59 | 0' 8" | F | 20/8 | 67 | 14' 0" | F | |
| | 25/5 | 70 | 5' 0" | M | 4/9 | 68 | 13' 0" | M | |
| | 26/5 | 66 | 2' 6" | M | 10/9 | 68 | 8' 0" | M | |
| | " | 64 | 4' 0" | F | 11/9 | 70 | 15' 0" | F | |
| | 30/5 | 64 | 6' 0" | F | 17/9 | 65 | 15' 0" | M | |
| | 4/6 | 60 | 4' 0" | M | 19/9 | 62 | 14' 0" | M | |
| | " | 70 | 2' 2" | M | " | " | " | " | |
| | 18/6 | 60 | 2' 2" | M | <i>West Greenland.</i> Average length of foetuses: 8' 0" | 1/9 | 68 | 8' 0" | ? |
| | 19/6 | 62 | 2' 8" | M | | 2/9 | 61 | 8' 0" | ? |
| | 28/6 | 68 | 12' 0" | F | <i>Newfoundland.</i> Average length of foetuses: 10' 5" | 30/8 | 61 | 12' 0" | F |
| | 12/7 | 69 | 2' 0" | F | | 5/9 | 61 | 9' 0" | M |
| " | 64 | 6' 0" | M | 7/9 | | 62 | 10' 0" | F | |
| 14/7 | 70 | 4' 6" | F | 8/9 | | 60 | 8' 0" | ? | |
| 21/7 | 62 | 4' 0" | M | 11/9 | | 65 | 13' 0" | F | |
| 25/7 | 64 | 9' 0" | F | <i>California.</i> Average length of foetuses: 7' 4 1/2" | 29/5 | 68 | 6' 6" | F | |
| " | 67 | 6' 0" | M | | 14/7 | 64 | 8' 3" | M | |
| 17/8 | 67 | 11' 0" | M | | " | " | " | " | |
| 10/9 | 63 | 13' 0" | M | | " | " | " | " | |
| <i>Iceland.</i> Average length of foetuses: 7' 1" | 5/6 | 61 | 5' 0" | M | " | " | " | " | |
| | 7/6 | 62 | 2' 6" | F | " | " | " | " | |
| | " | 63 | 5' 0" | F | " | " | " | " | |
| | 16/6 | 62 | 3' 6" | M | " | " | " | " | |

Table No. 11 (continued).

| Geographical areas. | Date when measured. | Length. | | Sex. | Geographical areas. | Date when measured. | Length. | | Sex. |
|--|---------------------|-----------|-----------|------|-------------------------------|---------------------|-----------|-----------|------|
| | | Mother. | Foetus. | | | | Mother. | Foetus. | |
| | | Engl. ft. | Engl. ft. | | | | Engl. ft. | Engl. ft. | |
| <i>British Columbia.</i> Average length of foetuses: 7' 8'' | 5/6 | 64 | 2' 2" | M | <i>Bering Sea</i> (cont.). | 25/5 | 65 | 2' 6" | M |
| | 14/6 | 69 | 6' 6" | M | | " | 67 | 4' 1" | M |
| | 17/6 | 65 | 1' 10" | M | | " | 68 | 3' 11" | M |
| | 15/7 | 63 | 7' 7" | M | | " | 66 | 4' 6" | F |
| | " | 63 | 4' 7" | F | | 26/5 | 62 | 3' 11" | M |
| | 22/7 | 64 | 4' 10" | F | | " | 65 | 2' 11" | M |
| | 23/7 | 59 | 7' 0" | M | | " | 64 | 3' 7" | F |
| | 24/7 | 64 | 6' 2" | M | | " | 64 | 1' 11" | F |
| | 1/8 | 63 | 6' 11" | F | | " | 62 | 2' 11" | M |
| | 4/8 | 66 | 5' 0" | ? | | 27/5 | 63 | 2' 7" | M |
| | 5/8 | 63 | 9' 4" | M | | " | 67 | 2' 4" | M |
| | 8/8 | 68 | 4' 7" | F | | " | 63 | 5' 6" | M |
| | " | 67 | 3' 6" | M | | " | 61 | 2' 2" | F |
| | 10/8 | 60 | 7' 6" | F | | 28/5 | 64 | 3' 7" | F |
| | 11/8 | 60 | 5' 0" | M | | " | 64 | 4' 3" | M |
| | " | 63 | 8' 9" | M | | " | 64 | 2' 3" | M |
| | " | 66 | 6' 11" | M | | " | 68 | 5' 6" | M |
| | " | 61 | 4' 7" | M | | " | 68 | 4' 8" | F |
| | 12/8 | 62 | 4' 5" | F | | " | 65 | 2' 3" | M |
| | 16/8 | 69 | 12' 8" | M | | " | 66 | 4' 6" | M |
| | " | 63 | 9' 10" | F | | " | 64 | 4' 3" | M |
| | 17/8 | 67 | 2' 3" | M | | " | 61 | 4' 1" | F |
| | 24/8 | 69 | 5' 7" | M | | " | 64 | 3' 5" | M |
| | " | 66 | 9' 10" | M | | 29/5 | 66 | 3' 10" | F |
| | 25/8 | 61 | 9' 7" | M | | " | 68 | 4' 2" | M |
| | 26/8 | 63 | 12' 7" | F | | " | 63 | 2' 4" | F |
| | 29/8 | 61 | 6' 4" | M | | " | 67 | 4' 8" | M |
| | 30/8 | 70 | 17' 2" | F | | " | 63 | 5' 0" | F |
| | 1/9 | 67 | 3' 0" | M | | " | 66 | 3' 9" | M |
| | 7/9 | 58 | 9' 4" | F | | 1/6 | 66 | 1' 5" | M |
| | 9/9 | 67 | 9' 5" | M | | 2/6 | 66 | 6' 0" | M |
| | 12/9 | 69 | 8' 4" | F | | 3/6 | 66 | 4' 8" | F |
| | " | 69 | 8' 4" | F | | " | 66 | 0' 8" | F |
| | 13/9 | 66 | 12' 4" | M | | " | 64 | 0' 8" | F |
| | 14/9 | 61 | 12' 0" | M | | " | 69 | 6' 1" | M |
| | 15/9 | 62 | 14' 8" | F | | " | 64 | 3' 10" | M |
| 18/9 | 58 | 12' 6" | M | " | 61 | 2' 6" | F | | |
| | | | | " | 67 | 2' 5" | F | | |
| | | | | " | 68 | 7' 4" | F | | |
| | | | | 4/6 | 65 | 3' 8" | M | | |
| | | | | 5/6 | 67 | 4' 7" | M | | |
| | | | | " | 67 | 3' 10" | F | | |
| | | | | " | 64 | 4' 4" | F | | |
| | | | | " | 61 | 3' 4" | M | | |
| | | | | " | 66 | 2' 4" | M | | |
| | | | | 6/6 | 63 | 3' 8" | M | | |
| | | | | " | 64 | 3' 3" | F | | |
| | | | | " | 67 | 5' 1" | F | | |
| | | | | " | 64 | 2' 10" | M | | |
| | | | | " | 65 | 7' 2" | F | | |
| | | | | " | 65 | 2' 10" | F | | |
| | | | | 7/6 | 64 | 4' 7" | F | | |
| | | | | 11/6 | 71 | 5' 1" | F | | |
| | | | | " | 66 | 4' 3" | F | | |
| | | | | " | 68 | 2' 1" | F | | |
| | | | | " | 68 | 5' 3" | M | | |
| | | | | 12/6 | 66 | 6' 8" | M | | |
| | | | | | | | | | |
| <i>Bering Sea.</i> Average length of foetuses: 5' 6'' | 19/5 | 66 | 3' 3" | F | | | | | |
| | " | 63 | 2' 5" | F | | | | | |
| | 21/5 | 61 | 2' 1" | M | | | | | |
| | " | 64 | 0' 11" | F | | | | | |
| | " | 67 | 2' 8" | M | | | | | |
| | " | 64 | 3' 2" | M | | | | | |
| | 22/5 | 67 | 4' 6" | M | | | | | |
| | " | 68 | 3' 11" | F | | | | | |
| | " | 62 | 2' 8" | F | | | | | |
| | " | 68 | 2' 8" | M | | | | | |
| | 23/5 | 67 | 1' 5" | F | | | | | |
| | " | 62 | 5' 4" | M | | | | | |
| " | 67 | 1' 7" | M | | | | | | |
| 24/5 | 70 | 6' 11" | M | | | | | | |
| " | 65 | 4' 2" | F | | | | | | |
| " | 64 | 3' 9" | M | | | | | | |
| " | 59 | 3' 2" | F | | | | | | |
| " | 66 | 4' 11" | M | | | | | | |

Table No. 11 (continued).

| Geographical areas. | Date when measured. | Length. | | Sex. | Geographical areas. | Date when measured. | Length. | | Sex. |
|-------------------------------|------------------------------|---------|------------------------------------|-----------------------------|-------------------------------|------------------------------|---------|---------|------|
| | | Mother. | Foetus. | | | | Mother. | Foetus. | |
| <i>Bering Sea</i> (cont.). | ¹³ / ₆ | 66 | 5' 10" | M | <i>Bering Sea</i> (cont.). | ²³ / ₆ | 65 | 3' 11" | M |
| | " | 68 | 6' 3" | F | | ²⁴ / ₆ | 67 | 4' 0" | M |
| | " | 64 | 1' 4" | F | | " | 65 | 6' 3" | M |
| | " | 65 | 3' 3" | M | | " | 69 | 5' 8" | F |
| | " | 65 | 0' 11" | M | | " | 66 | 8' 6" | M |
| | " | 65 | 3' 2" | F | | " | 61 | 2' 3" | M |
| | ¹⁴ / ₆ | 65 | 4' 8" | M | | " | 66 | 3' 10" | F |
| | " | 64 | 5' 1" | F | | " | 63 | 5' 1" | F |
| | " | 64 | 3' 9" | M | | " | 66 | 5' 10" | M |
| | " | 65 | 5' 2" | M | | " | 62 | 2' 7" | M |
| | " | 69 | 3' 3" | F | | ²⁵ / ₆ | 64 | 5' 5" | F |
| | " | 67 | 4' 1" | F | | " | 63 | 4' 3" | M |
| | ¹⁵ / ₆ | 66 | 5' 3" | M | | " | 63 | 5' 11" | F |
| | " | 65 | 5' 4" | F | | " | 68 | 3' 1" | M |
| | " | 68 | 5' 6" | M | | " | 64 | 3' 4" | M |
| | " | 72 | 3' 11" | M | | " | 67 | 7' 6" | M |
| | " | 66 | 4' 10" | M | | " | 65 | 5' 8" | F |
| | " | 66 | 4' 4" | F | | " | 65 | 1' 1" | F |
| | ¹⁶ / ₆ | 62 | 5' 11" | F | | ²⁶ / ₆ | 63 | 7' 9" | F |
| | " | 70 | 2' 2" | F | | " | 66 | 7' 10" | M |
| | " | 63 | 2' 3" | F | | " | 62 | 4' 3" | M |
| | " | 61 | 3' 10" | M | | " | 72 | 9' 3" | M |
| | " | 63 | 6' 3" | M | | ²⁷ / ₆ | 64 | 4' 8" | M |
| | " | 67 | 3' 1" | M | | ²⁸ / ₆ | 62 | 6' 1" | M |
| | " | 66 | 4' 1" | F | | " | 68 | 6' 2" | M |
| | " | 68 | 4' 3" | M | | " | 66 | 7' 1" | M |
| | ¹⁷ / ₆ | 64 | 6' 1" | M | | " | 71 | 1' 2" | F |
| | " | 65 | 6' 11" | M | | ²⁹ / ₆ | 68 | 2' 5" | F |
| | " | 66 | 5' 8" | F | | " | 60 | 2' 4" | F |
| | " | 68 | 0' 1 ¹ / ₂ " | ? | | ³⁰ / ₆ | 65 | 8' 2" | F |
| | " | 70 | 7' 6" | M | | " | 65 | 4' 0" | F |
| | ¹⁸ / ₆ | 64 | 3' 0" | M | | ¹ / ₇ | 66 | 3' 1" | F |
| | " | 69 | 5' 2" | F | | " | 62 | 7' 2" | F |
| | " | 66 | 5' 8" | M | | " | 65 | 2' 4" | F |
| | ¹⁹ / ₆ | 67 | 5' 2" | F | | ² / ₇ | 67 | 5' 8" | F |
| | " | 66 | 4' 7" | F | | " | 63 | 5' 11" | F |
| | " | 65 | 5' 3" | M | | " | 67 | 4' 11" | M |
| | " | 64 | 7' 4" | M | | " | 69 | 4' 2" | M |
| | " | 64 | 3' 2" | M | | " | 63 | 7' 7" | M |
| | " | 63 | 4' 9" | M | | " | 67 | 8' 4" | F |
| | " | 68 | 5' 7" | F | | ³ / ₇ | 69 | 10' 5" | M |
| | " | 66 | 5' 11" | F | | " | 63 | 6' 4" | M |
| | " | 66 | 6' 7" | M | | " | 68 | 8' 5" | M |
| | " | 67 | 3' 5" | F | | " | 65 | 6' 8" | F |
| | " | 61 | 3' 2" | M | | " | 63 | 5' 6" | M |
| | ²⁰ / ₆ | 65 | 5' 3" | M | | " | 65 | 5' 5" | F |
| | " | 68 | 6' 4" | F | | " | 66 | 6' 2" | F |
| " | 64 | 3' 5" | M | " | 66 | 6' 4" | M | | |
| ²² / ₆ | 61 | 1' 5" | F | " | 64 | 6' 1" | M | | |
| " | 68 | 8' 2" | F | " | 62 | 5' 11" | F | | |
| " | 66 | 7' 3" | F | ⁴ / ₇ | 67 | 5' 10" | F | | |
| " | 64 | 4' 2" | M | " | 66 | 4' 8" | M | | |
| " | 60 | 3' 4" | M | " | 64 | 5' 11" | M | | |
| " | 65 | 7' 7" | M | " | 66 | 5' 3" | M | | |
| ²³ / ₆ | 68 | 4' 0" | F | " | 59 | 3' 4" | F | | |
| " | 61 | 4' 3" | M | " | 65 | 6' 1" | F | | |
| " | 60 | 4' 8" | M | " | 61 | 4' 10" | M | | |
| " | 64 | 5' 8" | F | " | 65 | 5' 2" | F | | |

Table No. 11 (continued).

| Geographical areas. | Date when measured. | Length | | Sex. | Geographical areas. | Date when measured. | Length | | Sex. |
|-------------------------------|---------------------|---------|---------|------|-------------------------------|---------------------|---------|---------|------|
| | | Mother. | Foetus. | | | | Mother. | Foetus. | |
| <i>Bering Sea</i> (cont.). | 4/7 | 70 | 1' 9" | M | <i>Bering Sea</i> (cont.). | 18/7 | 63 | 7' 4" | M |
| | " | 65 | 4' 7" | F | | 19/7 | 65 | 5' 8" | M |
| | " | 69 | 7' 4" | M | | " | 64 | 4' 11" | F |
| | " | 64 | 6' 3" | M | | " | 62 | 7' 4" | M |
| | " | 66 | 2' 7" | F | | " | 63 | 4' 6" | F |
| | 5/7 | 63 | 6' 6" | M | | 20/7 | 60 | 7' 7" | M |
| | 6/7 | 60 | 2' 7" | M | | " | 63 | 8' 2" | F |
| | " | 63 | 6' 10" | M | | " | 68 | 8' 7" | F |
| | " | 68 | 1' 11" | F | | " | 66 | 6' 8" | M |
| | " | 62 | 5' 8" | F | | " | 68 | 6' 1" | F |
| | 7/7 | 61 | 7' 6" | M | | 21/7 | 60 | 5' 10" | M |
| | " | 66 | 7' 3" | F | | " | 69 | 2' 5" | M |
| | " | 66 | 7' 5" | F | | " | 65 | 9' 1" | M |
| | 8/7 | 70 | 7' 9" | F | | " | 60 | 6' 5" | F |
| | " | 65 | 7' 3" | F | | 22/7 | 63 | 7' 1" | F |
| | " | 64 | 7' 0" | M | | " | 63 | 3' 9" | M |
| | 10/7 | 66 | 5' 5" | M | | 23/7 | 67 | 9' 4" | F |
| | " | 63 | 6' 9" | M | | " | 62 | 8' 3" | M |
| | " | 67 | 6' 3" | M | | " | 61 | 6' 6" | M |
| | " | 65 | 8' 5" | M | | 25/7 | 67 | 8' 7" | M |
| | 11/7 | 67 | 8' 7" | M | | " | 65 | 5' 1" | F |
| | " | 59 | 5' 0" | M | | " | 63 | 8' 7" | F |
| | " | 61 | 6' 1" | F | | " | 62 | 5' 10" | F |
| | " | 68 | 8' 6" | M | | 26/7 | 64 | 11' 6" | M |
| | 12/7 | 65 | 6' 2" | M | | " | 62 | 3' 10" | M |
| | " | 63 | 5' 8" | M | | " | 64 | 3' 11" | M |
| | " | 60 | 4' 2" | F | | " | 66 | 6' 8" | F |
| | " | 61 | 6' 2" | F | | 28/7 | 61 | 5' 8" | F |
| | 13/7 | 59 | 4' 9" | M | | " | 64 | 1' 10" | F |
| | " | 59 | 4' 9" | F | | 29/7 | 65 | 8' 2" | F |
| | " | 61 | 5' 5" | F | | " | 65 | 7' 6" | F |
| | " | 63 | 8' 3" | M | | " | 63 | 7' 7" | M |
| | 14/7 | 64 | 8' 0" | M | | " | 61 | 8' 2" | F |
| | " | 65 | 7' 4" | F | | 30/7 | 64 | 7' 2" | F |
| | " | 66 | 8' 11" | F | | " | 66 | 5' 4" | M |
| | " | 60 | 4' 9" | M | | 31/7 | 67 | 6' 10" | M |
| | " | 65 | 9' 11" | M | | " | 63 | 9' 4" | F |
| | " | 61 | 4' 0" | M | | 1/8 | 61 | 6' 1" | F |
| | " | 69 | 6' 4" | M | | 2/8 | 61 | 2' 7" | F |
| | " | 64 | 6' 4" | F | | " | 64 | 8' 10" | M |
| | " | 64 | 7' 4" | M | | " | 64 | 8' 0" | F |
| | 15/7 | 62 | 5' 3" | M | | 3/8 | 61 | 3' 4" | F |
| | " | 63 | 6' 11" | F | | " | 63 | 7' 9" | F |
| | " | 62 | 2' 9" | M | | " | 66 | 6' 11" | F |
| | " | 61 | 8' 10" | F | | 4/8 | 60 | 9' 2" | M |
| | " | 64 | 9' 7" | M | | " | 68 | 4' 2" | M |
| | " | 70 | 7' 2" | M | | " | 66 | 6' 0" | M |
| | 17/7 | 64 | 9' 8" | F | | " | 65 | 5' 5" | M |
| | " | 68 | 7' 7" | M | | " | 65 | 5' 1" | M |
| | " | 63 | 6' 6" | M | | 5/8 | 66 | 6' 10" | F |
| " | 63 | 9' 2" | M | 6/8 | 59 | 8' 7" | F | | |
| " | 62 | 3' 4" | F | " | 63 | 5' 8" | M | | |
| " | 59 | 3' 9" | M | " | 64 | 8' 0" | F | | |
| " | 64 | 7' 4" | M | 7/8 | 61 | 3' 3" | M | | |
| " | 61 | 6' 5" | F | 8/8 | 67 | 10' 9" | F | | |
| " | 63 | 3' 9" | M | " | 63 | 7' 6" | M | | |
| 18/7 | 64 | 11' 6" | M | " | 64 | 6' 2" | M | | |
| " | 64 | 9' 0" | F | " | 66 | 8' 7" | M | | |

Table No. 11 (continued).

| Geographical areas. | Date when measured. | Length. | | Sex. | Geographical areas. | Date when measured. | Length. | | Sex. |
|------------------------------|---------------------|---------|---------|------|-------------------------------|---------------------|---------|---------|------|
| | | Mother. | Foetus. | | | | Mother. | Foetus. | |
| <i>Bering Sea</i> (cot.n) | 10/8 | 61 | 3' 4" | M | <i>Bering Sea</i> (cont.). | 14/8 | 63 | 7' 3" | M |
| | " | 66 | 10' 9" | F | | 19/8 | 67 | 7' 6" | F |
| | " | 64 | 4' 0" | M | | 20/8 | 67 | 8' 10" | F |
| | 11/8 | 66 | 7' 7" | F | | 22/8 | 64 | 8' 5" | M |
| | " | 65 | 9' 4" | F | | " | 61 | 10' 10" | F |
| | " | 67 | 6' 0" | F | | " | 67 | 7' 0" | F |
| | " | 62 | 6' 3" | M | | " | 60 | 5' 2" | F |
| | " | 66 | 10' 3" | M | | " | 68 | 9' 5" | F |
| | 12/8 | 65 | 10' 1" | M | | 23/8 | 62 | 11' 9" | F |
| | " | 66 | 8' 7" | F | | " | 62 | 7' 4" | M |
| | 14/8 | 68 | 12' 9" | F | | 24/8 | 69 | 14' 3" | F |
| | " | 59 | 4' 10" | F | | " | 66 | 6' 6" | M |

Humpback foetuses.

| <i>California.</i> | | | | <i>Australia.</i> | | | | | |
|---|------|-------|-----------|-------------------|---------------------------------------|---------|----|---------|---|
| Average length of foetuses: 4' 1" | 3/5 | 41 | 1' 8" | M | Average length of foetuses: 13' 5" | 4/7 | 43 | 14' 10" | F |
| | 5/5 | 41 | 2' 2" | M | | " | 46 | 14' 8" | M |
| | 7/5 | 46 | 1' 4" | F | | 5/7 | 41 | 12' 9" | M |
| | 10/5 | 42 | 1' 10" | M | | 6/7 | 40 | 13' 3" | F |
| | 13/5 | 47 | 1' 6" | F | | " | 42 | 13' 0" | F |
| | 14/5 | 45 | 1' 11" | M | | 9/7 | 42 | 8' 11" | F |
| | 25/5 | 42 | 0' 7 1/2" | F | | 13/7 | 42 | 14' 2" | M |
| | 26/5 | 47 | 1' 0" | F | | 15/7 | 44 | 14' 6" | M |
| | 2/6 | 41 | 2' 3" | F | | " | 46 | 14' 2" | F |
| | 13/6 | 46 | 1' 7" | M | | 16/7 | 38 | 12' 0" | F |
| | 17/6 | 44 | 3' 2" | M | | " | 44 | 15' 0" | F |
| | 23/6 | 39 | 2' 6" | F | | " | 42 | 13' 11" | M |
| | 1/7 | 46 | 3' 6" | M | | 18/7 | 41 | 14' 2" | M |
| | 3/7 | 44 | 1' 4" | F | | 20/7 | 40 | 12' 10" | M |
| | 4/7 | 44 | 2' 9" | M | | " | 42 | 11' 6" | F |
| | 20/7 | 47 | 1' 0" | F | | 21/7 | 48 | 12' 6" | M |
| | 22/7 | 45 | 2' 3" | M | | " | 46 | 14' 4" | M |
| | 29/7 | 47 | 3' 6" | F | | 22/7 | 44 | 12' 4" | F |
| | 25/8 | 48 | 4' 6" | M | | 24/7 | 43 | 13' 3" | F |
| | 3/9 | 45 | 5' 10" | F | | 26/7 | 46 | 14' 5" | M |
| | 10/9 | 43 | 6' 2" | M | | 29/7 | 43 | 15' 3" | M |
| | 12/9 | 38 | 6' 3" | F | | " | 44 | 13' 5" | F |
| | " | 42 | 5' 0" | M | | 30/7 | 47 | 15' 11" | F |
| | 18/9 | 43 | 10' 6" | M | | 1/8 | 41 | 11' 6" | F |
| | " | 44 | 9' 3" | M | | " | 44 | 14' 9" | F |
| | 26/9 | 45 | 14' 0" | M | | 2/8 | 42 | 13' 5" | M |
| | 1/10 | 42 | 8' 10" | F | | " | 47 | 14' 10" | M |
| 8/10 | 41 | 4' 0" | M | 3/8 | 42 | 13' 10" | M | | |
| 17/10 | 42 | 8' 0" | M | 5/8 | 44 | 13' 9" | M | | |
| | | | | 6/8 | 40 | 12' 9" | M | | |
| | | | | 8/8 | 40 | 12' 9" | M | | |
| | | | | 8/8 | 41 | 15' 0" | F | | |
| | | | | " | 46 | 12' 0" | M | | |
| | | | | 9/8 | 44 | 12' 4" | M | | |
| | | | | 11/8 | 45 | 14' 6" | M | | |
| | | | | " | 45 | 13' 4" | F | | |
| | | | | 13/8 | 43 | 14' 6" | M | | |
| | | | | 14/8 | 46 | 13' 9" | M | | |
| | | | | " | 45 | 11' 6" | M | | |
| | | | | 16/8 | 43 | 10' 8" | M | | |
| | | | | 17/8 | 41 | 13' 10" | M | | |
| | | | | 19/8 | 43 | 13' 2" | F | | |
| | | | | | | | | | |
| <i>British Columbia.</i> Average length of foetuses 3' 1" | 25/5 | 40 | 1' 0" | M | | | | | |
| | 29/5 | 44 | 2' 0" | M | | | | | |
| | 24/6 | 45 | 0' 10" | M | | | | | |
| | 27/6 | 41 | 2' 0" | M | | | | | |
| | 5/7 | 41 | 6' 0" | M | | | | | |
| | 24/7 | 44 | 3' 5" | F | | | | | |
| | 28/8 | 39 | 4' 9" | M | | | | | |
| 2/9 | 45 | 4' 6" | F | | | | | | |

Table No. 11 (continued)

| Geographical areas. | Date when measured. | Length. | | Sex. | Geographical areas. | Date when measured. | Length. | | Sex. |
|------------------------------|---|---------|---------|--------|--------------------------------|---------------------|---------|---------|--------|
| | | Mother. | Foetus. | | | | Mother. | Foetus. | |
| <i>Australia</i> (cont.). | 19/8 | 39 | 14' 0" | F | <i>New Zealand</i> (cont.). | 23/6 | 41 | 13' 7" | M |
| | " | 37 | 11' 0" | M | | " | 41 | 15' 6" | F |
| | 21/8 | 46 | 15' 6" | F | | 24/6 | 39 | 13' 5" | M |
| | 23/8 | 41 | 12' 10" | F | | 26/6 | 47 | 14' 6" | M |
| | 25/8 | 46 | 14' 3" | M | | 27/6 | 44 | 14' 6" | M |
| | " | 46 | 14' 4" | M | | 29/6 | 46 | 13' 9" | M |
| | 26/8 | 44 | 12' 7" | F | | 30/6 | 44 | 14' 6" | F |
| | 27/8 | 39 | 13' 4" | M | | 2/7 | 47 | 15' 9" | M |
| | 31/8 | 38 | 11' 10" | M | | 3/7 | 44 | 14' 3" | F |
| | 7/9 | 41 | 14' 3" | F | | 7/7 | 44 | 13' 4" | F |
| | 9/9 | 40 | 12' 9" | F | | 8/7 | 44 | 15' 3" | M |
| | 16/9 | 43 | 12' 9" | M | | 9/7 | 39 | 12' 0" | F |
| | <i>New Zealand.</i> Average length of foetuses: 14' 1" | 6/6 | 44 | 11' 0" | | M | 12/7 | 48 | 13' 8" |
| 13/6 | | 48 | 13' 6" | M | 13/7 | 46 | 12' 5" | M | |
| 19/6 | | 44 | 14' 5" | M | 14/7 | 43 | 14' 3" | F | |
| " | | 46 | 15' 9" | F | 16/7 | 41 | 12' 5" | M | |
| 21/6 | | 49 | 15' 6" | M | 21/7 | 43 | 12' 6" | M | |
| " | | 45 | 14' 7" | F | 22/7 | 43 | 14' 8" | M | |
| 22/6 | | 44 | 14' 6" | F | 24/7 | 43 | 15' 5" | F | |
| " | | | | | " | 42 | 14' 10" | M | |
| " | | | | | 29/7 | 46 | 13' 9" | M | |
| " | | | | | " | | | | |

Sei-whale foetuses.

| | | | | | | | | | | |
|--|-------|----|--------|---|-------------------------------------|--|--------|-------|-------|---|
| <i>Cape Province.</i> Average length of foetuses: 1' 3" | 30/8 | 50 | 1' 0" | M | <i>British Columbia</i> (cont.). | 11/5 | 47 | 1' 2" | M | |
| | " | 50 | 1' 0" | M | | " | 44 | 3' 3" | M | |
| | 4/9 | 49 | 1' 0" | F | | 16/5 | 46 | 3' 9" | F | |
| | 7/9 | 53 | 2' 0" | F | | 21/5 | 45 | 3' 0" | M | |
| | " | 52 | 1' 0" | F | | 4/6 | 50 | 2' 6" | F | |
| | 8/9 | 51 | 1' 0" | M | | 17/6 | 45 | 2' 8" | M | |
| | " | 50 | 1' 0" | M | | 29/6 | 44 | 4' 8" | F | |
| | 9/9 | 53 | 2' 0" | M | | 1/7 | 46 | 3' 7" | M | |
| | 11/9 | 50 | 0' 8" | M | | <i>Bering Sea.</i> Average length of foetuses: 4' 11" | 26/5 | 49 | 4' 3" | F |
| | 22/9 | 51 | 2' 0" | M | | | 27/5 | 48 | 1' 6" | F |
| <i>Iceland.</i> Average length of foetuses: 6' 3" | 27/6 | 43 | 4' 0" | F | 28/5 | | 50 | 4' 9" | M | |
| | " | 45 | 5' 0" | F | " | | 50 | 3' 0" | M | |
| | 29/7 | 50 | 8' 0" | M | 3/6 | | 47 | 4' 1" | M | |
| | 5/9 | 43 | 8' 0" | F | " | | 46 | 3' 7" | F | |
| <i>Newfoundland.</i> Average length of foetuses: 8' 4" | 10/9 | 48 | 8' 0" | F | " | | 50 | 2' 4" | M | |
| | 25/9 | 50 | 7' 0" | M | " | | 49 | 4' 1" | F | |
| | 12/10 | 49 | 10' 0" | F | " | | 46 | 3' 9" | F | |
| | " | | | | " | | 49 | 4' 7" | M | |
| <i>British Columbia.</i> Average length of foetuses: 2' 10" | 30/4 | 47 | 2' 3" | M | 5/6 | 50 | 5' 5" | M | | |
| | " | 46 | 2' 2" | F | " | 46 | 1' 10" | M | | |
| | " | 51 | 4' 0" | M | 11/6 | 50 | 5' 2" | M | | |
| | 2/5 | 46 | 2' 2" | F | " | 48 | 4' 8" | F | | |
| | 4/5 | 45 | 2' 2" | F | " | 50 | 4' 2" | F | | |
| | " | 48 | 2' 10" | F | 12/6 | 50 | 6' 4" | M | | |
| | 7/5 | 50 | 2' 8" | F | " | 48 | 6' 0" | F | | |
| | " | 48 | 2' 5" | F | " | 45 | 4' 5" | M | | |
| | 9/5 | 50 | 2' 7" | M | " | 49 | 3' 1" | M | | |
| | " | | | | " | 46 | 2' 4" | F | | |
| | | | | " | 47 | 4' 3" | M | | | |
| | | | | " | 51 | 6' 4" | M | | | |
| | | | | " | 48 | 4' 11" | F | | | |

Table No. 11 (cont.).

| Geographical areas. | Date when measured. | Length. | | Sex. | Geographical areas. | Date when measured. | Length. | | Sex. | | |
|-------------------------------|---------------------|---------|---------|------|-------------------------------|--|--|---------|--------|--------|---|
| | | Mother. | Foetus. | | | | Mother. | Foetus. | | | |
| <i>Bering Sea</i> (cont.). | 12/6 | 49 | 4' 11" | F | <i>Bering Sea</i> (cont.). | 8/7 | 47 | 7' 2" | F | | |
| | " | 48 | 5' 4" | F | | " | 49 | 6' 2" | F | | |
| | 13/6 | 48 | 4' 10" | M | | " | 44 | 4' 2" | M | | |
| | " | 49 | 3' 5" | M | | 19/8 | 47 | 7' 4" | M | | |
| | " | 51 | 5' 2" | F | | " | 50 | 9' 5" | F | | |
| | " | 49 | 4' 3" | M | | " | 48 | 7' 4" | M | | |
| | 27/6 | 50 | 5' 10" | M | | " | 49 | 10' 7" | M | | |
| | 30/6 | 49 | 3' 4" | M | | " | 50 | 5' 11" | F | | |
| | 1/7 | 49 | 4' 10" | F | | <i>Japan.</i> Average length of foetuses: 7' 5" | 14/7 | 45 | 3' 10" | M | |
| | " | 50 | 6' 8" | M | | | 11/10 | 47 | 11' 0" | M | |
| | 2/7 | 48 | 5' 11" | M | | | <i>Chile.</i> Average length of foetuses: 7' 9" | 7/1 | 47 | 2' 7" | M |
| | 5/7 | 48 | 4' 11" | F | | | | 11/3 | 44 | 4' 11" | M |
| | " | 49 | 4' 10" | M | | | | 24/10 | 49 | 12' 6" | F |
| | " | 48 | 4' 11" | M | | | | 8/12 | 48 | 10' 6" | M |
| | 7/7 | 47 | 5' 1" | F | | | | " | 46 | 8' 2" | F |
| | " | 49 | 5' 6" | M | | | | | | | |
| | " | 46 | 6' 9" | M | | | | | | | |
| " | 46 | 1' 10" | F | | | | | | | | |
| " | 48 | 5' 4" | F | | | | | | | | |
| 8/7 | 45 | 2' 11" | F | | | | | | | | |
| " | 50 | 6' 9" | M | | | | | | | | |

Sperm-whale foetuses.

| | | | | | | | | | | |
|--|------|--------|--------|------|---|--|--------|--------|--------|---|
| <i>Natal.</i> Average length of foetuses: 6' 3" | 25/4 | 35 | 12' 0" | M | <i>Cape Province</i> (cont.). | 25/8 | 38 | 6' 0" | F | |
| | 30/4 | 36 | 4' 0" | F | | 31/8 | 38 | 10' 0" | F | |
| | 17/5 | 36 | 2' 0" | F | | " | 38 | 10' 0" | F | |
| | 24/5 | 36 | 5' 0" | F | | " | 38 | 12' 0" | F | |
| | 3/7 | 35 | 6' 0" | M | | " | 38 | 8' 0" | F | |
| | 27/7 | 36 | 11' 0" | M | | <i>British Columbia.</i> Average length of foetuses: 10' 0" | 15/4 | 35 | 7' 10" | M |
| | 29/7 | 36 | 5' 0" | F | | | " | 37 | 11' 8" | F |
| | " | 36 | 6' 0" | M | | | " | 37 | 9' 8" | M |
| | " | 36 | 5' 0" | F | | | " | 35 | 8' 5" | F |
| | " | 38 | 5' 0" | M | | | " | 36 | 10' 8" | M |
| <i>Cape Province.</i> Average length of foetuses: 6' 3" | 21/4 | 38 | 5' 0" | M | " | | 35 | 6' 10" | M | |
| | 23/4 | 38 | 3' 0" | M | " | | 35 | 6' 10" | M | |
| | 24/4 | 38 | 5' 0" | F | 19/5 | | 35 | 11' 4" | F | |
| | 26/4 | 38 | 2' 0" | M | 20/5 | | 35 | 9' 9" | F | |
| | " | 38 | 1' 0" | M | " | | 32 | 11' 5" | M | |
| | 27/4 | 38 | 2' 0" | M | " | 32 | 11' 5" | M | | |
| | " | 38 | 3' 0" | M | 30/5 | 37 | 12' 8" | F | | |
| | " | 38 | 3' 0" | M | " | 37 | 12' 2" | M | | |
| | 6/5 | 38 | 5' 0" | F | 1/6 | 35 | 6' 9" | F | | |
| | 16/5 | 39 | 4' 0" | M | " | 35 | 11' 2" | F | | |
| | " | 38 | 5' 0" | F | " | 34 | 8' 10" | F | | |
| | 26/7 | 38 | 9' 0" | F | <i>Japan.</i> Average length of foetuses: 5' 11" | 8/4 | 38 | 15' 0" | F | |
| | " | 38 | 6' 0" | F | | 15/5 | 36 | 13' 0" | F | |
| | " | 38 | 5' 0" | F | | 24/5 | 36 | 8' 7" | M | |
| | 7/8 | 38 | 5' 0" | F | | 20/6 | 35 | 10' 2" | F | |
| | " | 38 | 7' 0" | F | | 6/7 | 35 | 0' 11" | F | |
| " | 38 | 9' 0" | F | " | | 35 | 0' 9" | M | | |
| 16/8 | 38 | 9' 0" | M | 7/7 | | 35 | 8' 6" | M | | |
| 24/8 | 38 | 6' 0" | F | 10/7 | | 35 | 14' 0" | M | | |
| " | 38 | 6' 0" | M | | | | | | | |
| 25/8 | 38 | 11' 0" | F | | | | | | | |
| " | 38 | 6' 0" | F | | | | | | | |

Table No. 11 (continued).

| Geographical areas ¹ | Date when measured. | Length. | | Sex. | Geographical areas. | Date when measured. | Length. | | Sex. | |
|---------------------------------|---------------------|---------|---------|------|--|---|---------|---------|---------|---|
| | | Mother. | Foetus. | | | | Mother. | Foetus. | | |
| <i>Japan</i> (cont.). | 17/7 | 35 | 13' 7" | F | <i>South Pacific Ocean.</i> Average length of foetuses: 12' 4" | 26/11 | 38 | 13' 8" | F | |
| | 18/7 | 35 | 11' 6" | F | | 1/12 | 39 | 11' 0" | F | |
| | 23/7 | 35 | 13' 0" | F | | | | | | |
| | 26/7 | 35 | 13' 0" | M | | | | | | |
| | 29/7 | 35 | 1' 2" | M | | | | | | |
| | 1/8 | 36 | 2' 9" | M | | | | | | |
| | 3/8 | 37 | 3' 2" | F | | | | | | |
| | 5/8 | 36 | 13' 1" | M | | <i>Chile.</i> Average length of foetuses: 9' 8" | 3/1 | 36 | 14' 1" | M |
| | | 36 | 6' 0" | F | | | | 36 | 13' 1" | M |
| | 6/8 | 35 | 1' 5" | F | | | 15/1 | 35 | 12' 2" | M |
| | | 35 | 0' 9" | M | | | 17/1 | 37 | 11' 6" | M |
| | 9/8 | 35 | 9' 0" | M | | | | 37 | 11' 10" | M |
| | | 35 | 0' 10" | F | | | 37 | 12' 10" | F | |
| | | 36 | 8' 11" | F | | | 36 | 11' 6" | M | |
| | 12/8 | 36 | 4' 0" | M | 20/1 | | 37 | 12' 10" | M | |
| | 25/8 | 35 | 9' 0" | F | 21/1 | | 37 | 11' 6" | F | |
| | | 35 | 6' 0" | F | | | 36 | 11' 6" | M | |
| | 26/8 | 36 | 2' 0" | F | | | 36 | 11' 6" | F | |
| | 27/8 | 35 | 12' 8" | M | 23/1 | | 37 | 13' 1" | M | |
| | | 35 | 8' 0" | F | | 39 | 11' 10" | F | | |
| | 30/8 | 35 | 10' 0" | F | 25/1 | 40 | 12' 6" | M | | |
| | 1/9 | 35 | 6' 0" | M | | 37 | 11' 10" | F | | |
| | 2/9 | 36 | 1' 2" | F | | 36 | 8' 6" | M | | |
| | | 35 | 3' 6" | M | 27/1 | 35 | 10' 2" | F | | |
| | | 36 | 3' 0" | M | 29/1 | 35 | 5' 11" | M | | |
| | | 36 | 15' 4" | M | 3/2 | 35 | 3' 3" | M | | |
| | 3/9 | 35 | 1' 5" | F | 5/2 | 36 | 13' 5" | F | | |
| | 10/9 | 35 | 1' 9" | M | | 36 | 2' 7" | F | | |
| | | 37 | 1' 11" | F | 6/2 | 36 | 12' 2" | M | | |
| | | 36 | 10' 9" | F | 7/2 | 36 | 11' 10" | F | | |
| | | 37 | 11' 11" | F | 11/2 | 39 | 11' 10" | M | | |
| | | 38 | 1' 4" | F | 16/2 | 37 | 13' 1" | M | | |
| | | 36 | 2' 5" | F | | 36 | 11' 2" | F | | |
| | | 38 | 2' 3" | F | 4/3 | 36 | 13' 9" | F | | |
| | | 37 | 12' 9" | M | 7/3 | 36 | 3' 3" | M | | |
| | 12/9 | 37 | 1' 10" | F | | 35 | 12' 6" | F | | |
| | | 35 | 2' 0" | F | 8/3 | 36 | 3' 3" | F | | |
| | 13/9 | 36 | 3' 4" | M | 12/3 | 37 | 15' 1" | F | | |
| | 17/9 | 36 | 1' 2" | F | 15/3 | 36 | 3' 11" | F | | |
| | 25/9 | 35 | 1' 0" | F | 17/3 | 36 | 12' 6" | M | | |
| | | 36 | 2' 0" | M | 25/3 | 36 | 4' 11" | F | | |
| | 30/9 | 36 | 13' 8" | F | 28/3 | 37 | 4' 7" | F | | |
| | | 36 | 2' 4" | M | 29/3 | 36 | 3' 11" | F | | |
| | | 38 | 3' 7" | F | | 36 | 4' 3" | M | | |
| | | 38 | 3' 1" | F | 30/3 | 35 | 3' 11" | F | | |
| | 1/10 | 37 | 3' 1" | F | | 36 | 3' 11" | M | | |
| | | 40 | 2' 1" | F | 2/4 | 35 | 3' 11" | M | | |
| | 2/10 | 38 | 11' 0" | F | 3/4 | 37 | 3' 3" | M | | |
| | 4/10 | 36 | 2' 11" | M | | 31 | 4' 3" | F | | |
| | 6/10 | 36 | 3' 5" | M | 4/1 | 35 | 6' 3" | M | | |
| | 15/10 | 35 | 3' 0" | F | 5/1 | 35 | 5' 11" | M | | |
| | 16/10 | 36 | 12' 0" | M | 9/1 | 36 | 3' 11" | M | | |
| 30/10 | 35 | 5' 4" | F | 15/1 | 38 | 2' 7" | F | | | |
| 3/11 | 35 | 2' 3" | F | 16/1 | 37 | 5' 3" | F | | | |
| | 35 | 3' 0" | M | 25/1 | 35 | 6' 11" | F | | | |
| 4/11 | 35 | 4' 0" | F | | 36 | 4' 3" | M | | | |
| 6/11 | 37 | 3' 4" | F | 26/4 | 36 | 4' 11" | F | | | |
| 8/11 | 36 | 3' 0" | F | 27/4 | 35 | 3' 7" | M | | | |
| 11/11 | 36 | 6' 9" | M | 28/4 | 37 | 11' 6" | M | | | |
| 22/11 | 35 | 5' 4" | M | 11/5 | 38 | 5' 7" | M | | | |

Table No. 11 (continued).

| Geographical areas. | Date when measured. | Length. | | Sex. | Geographical areas. | Date when measured. | Length. | | Sex. | |
|-----------------------|---------------------|---------|---------|------|-----------------------|---------------------|---------|---------|--------|---|
| | | Mother. | Foetus. | | | | Mother. | Foetus. | | |
| <i>Chile (cont.).</i> | 11/5 | 36 | 6' 7" | M | <i>Chile (cont.).</i> | 6/11 | 35 | 9' 10" | M | |
| | 12/5 | 36 | 15' 1" | F | | " | 37 | 12' 2" | M | |
| | 13/5 | 39 | 6' 11" | M | | " | 37 | 9' 10" | F | |
| | 14/5 | 37 | 7' 3" | M | | 7/11 | 37 | 10' 6" | F | |
| | 1/6 | 35 | 3' 11" | M | | 16/11 | 35 | 9' 10" | M | |
| | " | 36 | 4' 7" | M | | 25/11 | 35 | 11' 10" | M | |
| | 3/6 | 35 | 8' 6" | M | | 28/11 | 35 | 13' 1" | F | |
| | 23/7 | 35 | 8' 2" | M | | 26/11 | 35 | 2' 7" | F | |
| | 4/9 | 37 | 10' 6" | F | | 28/11 | 36 | 12' 2" | F | |
| | " | 37 | 7' 3" | F | | 29/11 | 36 | 13' 1" | F | |
| | 29/9 | 37 | 10' 2" | F | | 1/12 | 37 | 13' 5" | F | |
| | " | 36 | 9' 2" | M | | " | 35 | 10' 10" | M | |
| | " | 37 | 13' 1" | M | | 2/12 | 36 | 11' 6" | F | |
| | " | 36 | 10' 6" | M | | " | 36 | 11' 2" | F | |
| | " | 37 | 11' 4" | M | | " | 35 | 10' 2" | M | |
| | 5/10 | 36 | 11' 6" | M | | " | 37 | 10' 2" | M | |
| | " | 35 | 10' 4" | F | | 5/12 | 37 | 14' 5" | M | |
| | " | 38 | 10' 6" | F | | 6/12 | 35 | 13' 1" | M | |
| | " | 35 | 8' 2" | M | | 17/12 | 35 | 13' 1" | F | |
| | 1/11 | 35 | 12' 2" | M | | " | 36 | 12' 4" | F | |
| | " | 35 | 9' 10" | M | | " | 37 | 10' 6" | M | |
| | " | 35 | 12' 10" | M | | | | | | |
| | 3/11 | 40 | 9' 2" | F | | <i>Australia.</i> | | | | |
| | 4/11 | 37 | 11' 4" | F | | Average length | 19/11 | 35 | 4' 3" | F |
| | " | 36 | 8' 2" | M | | of foetuses: | " | 35 | 9' 11" | F |
| | 6/11 | 35 | 11' 6" | F | | 7' 7" | 21/11 | 35 | 8' 6" | M |

Bryde-whale foetuse.

| | | | | |
|-----------------------|------|----|-------|---|
| <i>Cape Province.</i> | 24/6 | 42 | 7' 0" | M |
|-----------------------|------|----|-------|---|

