

Marine Fish Production in India

1950 – 1968



BULLETIN No. 13

CENTRAL MARINE FISHERIES RESEARCH INSTITUTE

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MARINE FISH PRODUCTION IN INDIA
1950 – 1968

By
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July 1969

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THE BULLETIN OF THE CENTRAL MARINE FISHERIES
RESEARCH INSTITUTE IS PUBLISHED AT IRREGULAR
INTERVALS AS AND WHEN INFORMATION OF A GENERAL
NATURE BECOMES AVAILABLE FOR DISSEMINATION.

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FOREWORD

Bulletin No. 13 presents the annual and quarterly trends in Marine fish production in the maritime states and Union Territories for a period of nineteen years commencing from 1950. The entire data have emanated from the Central Marine Fisheries Research Institute which has initiated and developed a very satisfactory statistical sampling design for the estimation of marine fish landings in India.

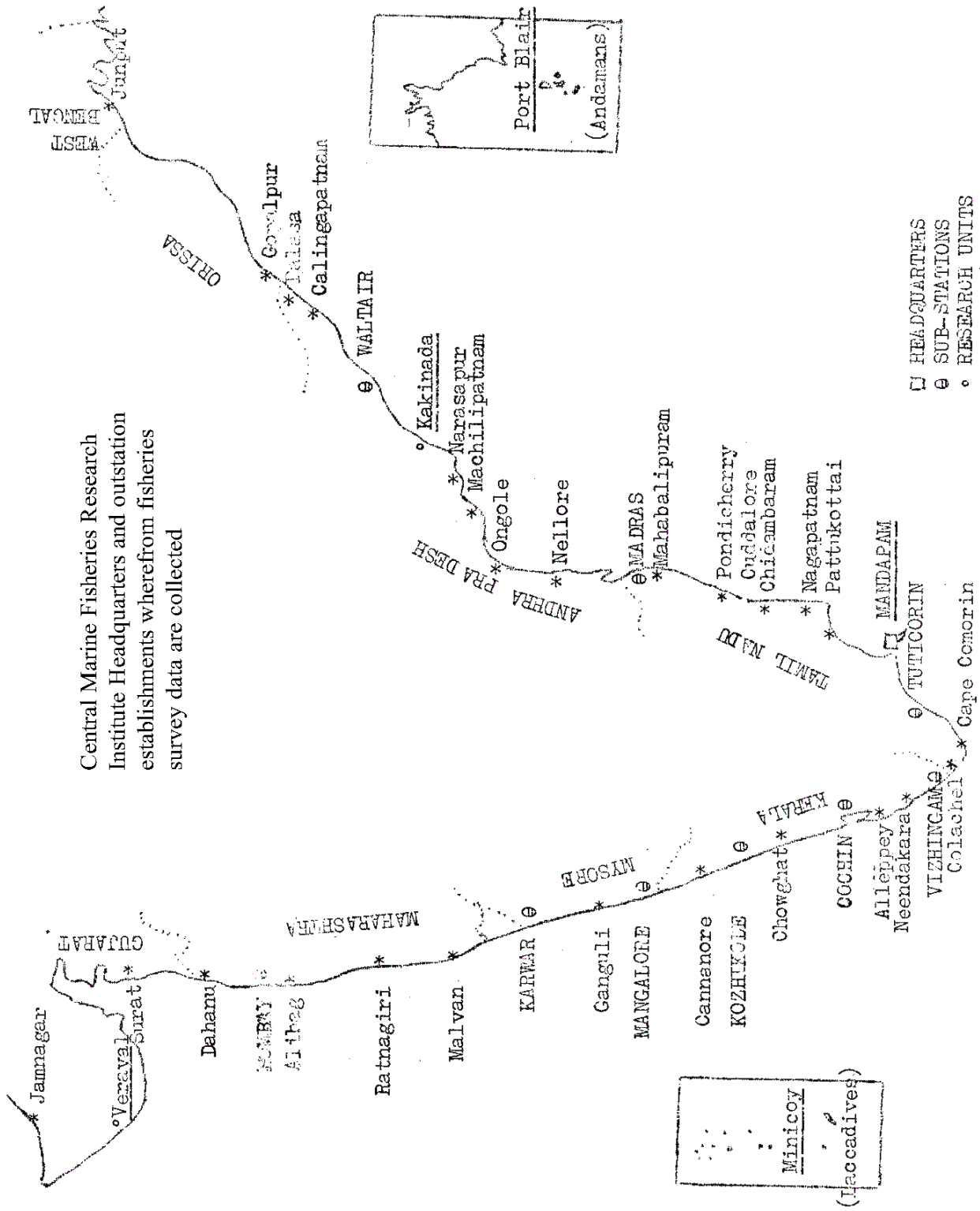
As the fish landing centres are scattered irregularly all along an extensive coastline of about 5000 kilometers, the thoroughness of sampling survey warrants location of field centres at as close intervals and in as much proximity as possible to the fish landing centres. A glance at the figure will show the present extent of coverage effected by the field staff for the fishery survey work posted at the field centres, research centres, research units, research substations and also at the Headquarters of the Institute.

The marine fishery production data being essential for scientific institutions, the information in whatever manner required has been made available hitherto to all at request. The purpose of this Bulletin is to enable easy accessibility of marine fisheries catch statistics to a wider circle of scientific and administrative fishery organisations, individual scientific workers and those in the fishing industry who need such data. The collection of the fish landing data at not easily approachable landing centres and in changing weather conditions, involves much hardships to the field staff. The computation, analysis and estimation of the regional and All-India production statistics is laborious and time-consuming. The planning of the statistical designs calls for much vision and foresight. The data presented here is the outcome of tireless effort

that has been put in with utmost sincerity and enthusiasm on the part of over a hundred of technical and scientific staff, past and present, from field assistants to officers in all cadres. Collectively to all of them I offer my very sincere thanks and record my appreciation of their very high sense of devotion to duty.

Mandapam Camp
July, 1969

S. JONES
Director
Central Marine Fisheries
Research Institute



INTRODUCTION

The Central Marine Fisheries Research Institute, since its inception in 1947, has realised the importance of collecting fish landing data on an all-India basis. In the initial stages, with only a limited number of field staff, data were collected from twelve coastal survey zones covering the entire east and west coast fish landing centres. With the expansion of the fishery resources survey schemes during the Plan periods a full fledged all the year-round sampling survey to obtain monthly and annual estimates of total marine fish landings and their group-wise composition was initiated for each maritime state. The estimates are based on the fishing effort expended in terms of man-hours and the number of fishing units of different types operated from each landing centre in a specified time.

The sample survey design is a space-time stratification which was evolved after years of field-trials to suit the very special conditions prevailing in this country. It may be pointed out that since the fish are landed at innumerable centres at almost all hours round the year, it is extremely difficult to obtain a reasonably accurate estimate. However, every effort has been made to reduce the percentage of error in these estimates by suitable modification of the sampling designs from time to time. At intervals of about five years, census figures on the number of fishing villages, fishing population, craft and gear are collected by the Institute on a complete enumeration basis.

This Institute has been the only source for the supply of diversified fisheries statistics to various research organisations and individual workers. The data on marine fish landings in India furnished in the FAO Year Book of Fisheries Statistics are also based on the comprehensive details supplied annually by this Institute.

In 1966 the estimated marine fish production for all the countries bordering the Indian Ocean was 2.2 million metric tons. India had contributed to over 40% of this total production. Based on the fish landing figures for 1951 to 1968, it has been found that on an average over 75% of marine fish catch is landed from the west coast fishing centres. The major marine fish producing states are Kerala with about 30%, Maharashtra 22%, Madras (renamed as Tamil Nadu since 1969) 15% and Gujarat 13% of the total marine fish landings of the country. Mysore and Andhra contribute 8% each to the total marine fish production. The landings from West Bengal and Orissa, Goa, South Andamans and the Laccadive Islands have contributed to less than 1% each.

The marine fishing industry of India is a growing industry. Its progress within the past two decades is reflected in the increase in production trends from about 0.58 million metric tons in the year 1950 to 0.90 million metric tons in 1968. Although the general trend is towards an increase in production, there have been wide fluctuations in the annual landings which are in a very large measure determined by the success or failure of two major fisheries of the west coast viz., the fisheries of the oil sardine and the mackerel.

The marine fisheries surveys and researches have for their objective an increase in fish production to an optimal level so as to obtain sustaining yields. For formulation and effective implementation of developmental programmes undertaken at Central and State Governmental levels, a knowledge of the magnitude of production in space and time, and in relation to crafts and gear employed in harvesting the resources is very essential. In the following tables, the marine fish production trends within the past 19 years have been summarized and presented.

S E C T I O N - I

ALL-INDIA ANNUAL TOTAL MARINE FISH PRODUCTION
FOR THE YEARS 1950-1968 AND STATE-WISE QUARTERLY
TOTAL MARINE FISH PRODUCTION
FOR THE YEARS 1956-1968

Table 1

Annual marine fish production in India in tonnes*

| Year | Quantity | Year | Quantity |
|------|----------|------|----------|
| 1950 | 580,021 | 1960 | 879,681 |
| 1951 | 533,916 | 1961 | 683,569 |
| 1952 | 528,348 | 1962 | 644,244 |
| 1953 | 581,463 | 1963 | 655,484 |
| 1954 | 588,258 | 1964 | 859,582 |
| 1955 | 595,725 | 1965 | 832,777 |
| 1956 | 718,779 | 1966 | 890,311 |
| 1957 | 875,176 | 1967 | 869,879 |
| 1958 | 755,994 | 1968 | 902,772 |
| 1959 | 584,587 | | |

* Total marine fish landings from West Bengal and Orissa, Andhra, Madras, Kerala, Mysore, Maharashtra, Gujarat, Goa, South Andamans and Laccadives including trawler catches.

Table 2

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1956.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|----------------|
| West Bengal & Orissa | 2,136 | 247 | 1,023 | 12,476 | 15,882 |
| Andhra | 18,873 | 16,908 | 9,576 | 7,119 | 52,476 |
| Madras (also Pondicherry) | 20,236 | 25,432 | 47,054 | 22,414 | 115,136 |
| Kerala | 11,809 | 18,294 | 81,781 | 40,329 | 152,213 |
| Mysore | 2,647 | 1,207 | 3,956 | 12,469 | 20,279 |
| Maharashtra | 58,716 | 49,605 | 19,283 | 116,919 | 244,523 |
| Gujarat | 25,732 | 18,080 | 6,509 | 64,697 | 115,018 |
| Total | 140,149 | 129,773 | 169,182 | 276,423 | 715,527 |

Table 3

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1957.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 3,521 | 983 | 888 | 2,874 | 8,266 |
| Andhra | 11,344 | 16,717 | 4,044 | 8,357 | 40,462 |
| Madras (also Pondicherry) | 15,261 | 13,153 | 31,378 | 19,892 | 79,684 |
| Kerala | 36,004 | 19,489 | 78,869 | 175,564 | 309,926 |
| Mysore | 3,511 | 1,823 | 8,828 | 61,928 | 76,090 |
| Maharashtra | 70,995 | 77,162 | 14,211 | 63,302 | 225,670 |
| Gujarat | 31,842 | 42,299 | 7,563 | 49,286 | 130,990 |
| Total | 172,478 | 171,626 | 145,781 | 381,203 | 871,088 |

Table 4

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) 1958.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 3,115 | 787 | 611 | 1,754 | 6,267 |
| Andhra | 11,125 | 5,377 | 6,934 | 5,410 | 28,846 |
| Madras (also Pondicherry) | 17,711 | 19,898 | 56,795 | 23,652 | 118,056 |
| Kerala | 93,487 | 31,596 | 59,143 | 110,429 | 294,655 |
| Mysore | 12,525 | 1,201 | 4,260 | 62,256 | 80,242 |
| Maharashtra | 37,813 | 43,292 | 5,338 | 61,309 | 147,752 |
| Gujarat | 15,938 | 21,606 | 3,241 | 34,349 | 75,134 |
| Total | 191,714 | 123,757 | 136,322 | 299,159 | 750,952 |

Table 5

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1959.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 1,810 | 758 | 359 | 1,035 | 3,962 |
| Andhra | 10,740 | 5,739 | 6,772 | 6,213 | 29,464 |
| Madras (also Pondicherry) | 19,155 | 18,008 | 35,017 | 31,317 | 103,497 |
| Kerala | 60,035 | 26,077 | 50,177 | 55,086 | 191,375 |
| Mysore | 19,943 | 1,550 | 5,379 | 25,953 | 52,825 |
| Maharashtra | 42,657 | 22,797 | 11,904 | 57,459 | 134,817 |
| Gujarat | 19,246 | 13,163 | 2,254 | 28,721 | 63,375 |
| Total | 173,586 | 88,092 | 111,862 | 205,775 | 579,315 |

Table 6

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1960.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 1,567 | 411 | 405 | 3,149 | 5,532 |
| Andhra | 22,062 | 12,276 | 8,467 | 13,915 | 56,720 |
| Madras (also Pondicherry) | 22,078 | 29,873 | 33,525 | 22,334 | 107,810 |
| Kerala | 33,109 | 22,201 | 97,612 | 191,683 | 344,605 |
| Mysore | 7,246 | 793 | 4,604 | 87,914 | 100,557 |
| Maharashtra | 28,512 | 15,866 | 12,870 | 69,924 | 127,172 |
| Gujarat | 16,295 | 16,548 | 6,288 | 88,851 | 127,982 |
| Total | 130,869 | 97,968 | 163,771 | 477,770 | 870,378 |

Table 7

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1961.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 2,588 | 937 | 1,688 | 3,711 | 8,924 |
| Andhra | 16,871 | 11,199 | 12,397 | 14,039 | 54,506 |
| Madras (also Pondicherry) | 21,434 | 21,295 | 59,196 | 21,576 | 123,501 |
| Kerala | 87,760 | 40,881 | 47,131 | 91,721 | 267,493 |
| Mysore | 1,893 | 684 | 1,399 | 13,272 | 17,248 |
| Maharashtra | 28,076 | 22,313 | 6,981 | 54,469 | 111,839 |
| Gujarat | 10,529 | 6,358 | 2,587 | 71,922 | 91,396 |
| Total | 169,151 | 103,667 | 131,379 | 270,710 | 674,907 |

Table 8

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1962.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 2,310 | 1,219 | 1,105 | 3,314 | 7,948 |
| Andhra | 22,522 | 16,846 | 8,129 | 12,530 | 60,027 |
| Madras (also Pondicherry) | 30,126 | 24,425 | 31,782 | 25,102 | 111,435 |
| Kerala | 42,106 | 12,345 | 34,460 | 102,456 | 191,421 |
| Mysore | 5,991 | 756 | 13,028 | 24,129 | 43,904 |
| Maharashtra | 26,845 | 33,106 | 5,112 | 58,645 | 123,708 |
| Gujarat | 33,720 | 2,260 | 2,892 | 58,879 | 97,751 |
| Total | 163,674 | 90,957 | 96,508 | 285,055 | 636,194 |

Table 9

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1963.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 2,605 | 3,920 | 1,334 | 3,285 | 11,144 |
| Andhra | 20,644 | 13,079 | 19,113 | 11,737 | 64,573 |
| Madras (also Pondicherry) | 20,276 | 23,522 | 37,992 | 27,692 | 109,482 |
| Kerala | 47,904 | 21,267 | 47,808 | 85,401 | 202,380 |
| Mysore | 3,198 | 2,003 | 6,235 | 25,078 | 36,514 |
| Maharashtra | 24,846 | 33,489 | 4,511 | 58,491 | 121,337 |
| Gujarat | 18,338 | 4,994 | 4,140 | 74,409 | 101,881 |
| Total | 137,811 | 102,274 | 121,133 | 286,093 | 647,311 |

Table 10

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1964.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 4,525 | 1,145 | 1,007 | 3,965 | 10,642 |
| Andhra | 24,756 | 21,186 | 12,643 | 12,911 | 71,496 |
| Madras (also Pondicherry) | 36,068 | 28,920 | 37,962 | 28,062 | 131,012 |
| Kerala | 38,999 | 20,528 | 89,319 | 168,881 | 317,727 |
| Mysore | 9,802 | 918 | 1,806 | 88,301 | 100,827 |
| Maharashtra | 22,613 | 30,737 | 7,684 | 68,821 | 129,855 |
| Gujarat | 20,108 | 5,904 | 1,891 | 64,827 | 92,730 |
| Total | 156,871 | 109,338 | 152,312 | 435,768 | 854,289 |

Table 11

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1965.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 5,463 | 881 | 1,449 | 4,451 | 12,244 |
| Andhra | 22,696 | 18,583 | 16,798 | 18,276 | 76,353 |
| Madras (also Pondicherry) | 22,124 | 26,923 | 31,896 | 24,869 | 105,812 |
| Kerala | 117,334 | 39,838 | 77,757 | 99,289 | 334,218 |
| Mysore | 17,808 | 704 | 2,432 | 45,158 | 66,102 |
| Maharashtra | 22,431 | 38,608 | 11,811 | 57,702 | 130,552 |
| Gujarat | 23,734 | 7,235 | 4,211 | 45,232 | 80,412 |
| Total | 231,590 | 132,772 | 146,354 | 294,977 | 805,693 |

Table 12

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1966.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 3,972 | 1,757 | 906 | 3,406 | 10,041 |
| Andhra | 39,163 | 10,274 | 12,173 | 18,318 | 79,928 |
| Madras (also Pondicherry) | 36,881 | 36,454 | 39,952 | 33,955 | 147,242 |
| Kerala | 50,107 | 46,169 | 112,230 | 129,896 | 338,402 |
| Mysore | 4,437 | 2,155 | 7,316 | 48,180 | 62,088 |
| Maharashtra | 22,626 | 37,472 | 8,623 | 64,615 | 133,336 |
| Gujarat | 18,334 | 7,432 | 5,108 | 49,430 | 80,304 |
| Total | 175,520 | 141,713 | 186,308 | 347,800 | 851,341 |

Table 13

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1967.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 2,651 | 1,681 | 1,426 | 13,195 | 18,953 |
| Andhra | 25,135 | 20,964 | 15,817 | 14,017 | 75,933 |
| Madras (also Pondicherry) | 43,638 | 31,963 | 31,790 | 24,862 | 132,253 |
| Kerala | 87,509 | 34,388 | 74,483 | 163,492 | 359,872 |
| Mysore | 12,667 | 1,962 | 2,941 | 27,702 | 45,272 |
| Maharashtra | 26,696 | 40,471 | 8,751 | 55,905 | 131,823 |
| Gujarat | 18,213 | 7,814 | 5,108 | 44,498 | 75,633 |
| Total | 216,509 | 139,243 | 140,316 | 343,671 | 839,739 |

Table 14

State-wise and quarter-wise total marine fish landings in tonnes (excluding trawler catches) in 1968.

| State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------------------------------|------------------|-------------------|------------------|-------------------|---------|
| West Bengal & Orissa | 9,025 | 2,607 | 1,876 | 16,424 | 29,932 |
| Andhra | 22,566 | 16,931 | 20,021 | 16,031 | 75,549 |
| Madras (also Pondicherry) | 43,638 | 30,851 | 32,534 | 25,673 | 132,696 |
| Kerala | 68,070 | 19,628 | 89,475 | 164,892 | 342,065 |
| Mysore | 5,158 | 6,124 | 5,851 | 65,754 | 82,887 |
| Maharashtra | 22,349 | 35,148 | 6,242 | 57,879 | 121,618 |
| Gujarat | 19,827 | 8,663 | 4,956 | 53,139 | 86,585 |
| Total | 190,633 | 119,952 | 160,955 | 399,792 | 871,332 |

S E C T I O N - I I

QUARTER-WISE LANDINGS OF SELECTED CATEGORIES OF
MARINE FISHES IN EACH STATE DURING 1956-1959

Table 15

Quarter-wise landings of selected categories of marine fishes including trawler catches from West Bengal and Orissa in tonnes during 1956

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 215 | 47 | 42 | 30 | 334 |
| Cat fishes | 102 | 11 | 10 | 15 | 138 |
| <i>Chirocentrus</i> | 118 | 15 | 7 | 57 | 197 |
| Other sardines | 52 | - | - | 1298 | 1350 |
| <i>Anchoviella & Thrissocles</i> | 159 | 33 | 28 | 22 | 242 |
| <i>Harpodon nehereus & Saurida</i> | 3 | 3 | 16 | 3038 | 3060 |
| Sciaenids | 299 | 48 | 43 | 245 | 635 |
| Ribbon fish | 41 | 1 | 41 | 1294 | 1377 |
| <i>Leiognathus & Gazza</i> | 63 | 2 | - | 10 | 75 |
| Pomfrets | 59 | 54 | 24 | 52 | 189 |
| Mackerel | - | 1 | - | 16 | 17 |
| Seer fish | 131 | 8 | 18 | 14 | 171 |
| Crustaceans | 109 | 3 | 62 | 3710 | 3884 |
| Other varieties | 924 | 153 | 754 | 2757 | 4588 |
| Total | 2275 | 379 | 1045 | 12558 | 16257 |

Table 16

Quarter-wise landings of selected categories of marine fishes including trawler catches from Andhra in tonnes during 1956

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 447 | 547 | 310 | 280 | 1584 |
| Cat fishes | 642 | 159 | 157 | 135 | 1093 |
| <i>Chirocentrus</i> | 89 | 66 | 258 | 63 | 476 |
| Other sardines | 1637 | 1057 | 1053 | 3000 | 6747 |
| <i>Anchoviella & Thrissocles</i> | 2867 | 3299 | 765 | 710 | 7641 |

Table 16 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|------------------|-------------------|------------------|-------------------|-------|
| <i>Harpodon nehereus</i> & <i>Saurida</i> | 25 | 129 | 9 | 97 | 260 |
| Perches | 158 | 146 | 33 | 16 | 353 |
| Sciaenids | 3468 | 1602 | 970 | 501 | 6541 |
| Ribbon fish | 46 | 1290 | 551 | 290 | 2177 |
| Carangids | 1639 | 1527 | 84 | 57 | 3307 |
| <i>Leiognathus</i> & <i>Gazza</i> | 463 | 426 | 90 | 55 | 1034 |
| <i>Lactarius</i> | 1480 | 306 | 131 | 29 | 1946 |
| Pomfrets | 487 | 401 | 232 | 174 | 1294 |
| Mackerel | - | 1050 | 5 | 55 | 1110 |
| Seer fish | 313 | 546 | 139 | 206 | 1204 |
| Tunnies | 5 | 118 | - | 3 | 126 |
| Crustaceans | 746 | 925 | 2919 | 601 | 5191 |
| Other varieties | 4361 | 3314 | 1870 | 847 | 10392 |
| Total | 18873 | 16908 | 9576 | 7119 | 52476 |

Table 17

Quarter-wise landings of selected categories of marine fishes including trawler catches from Madras (Pondicherry included) in tonnes during 1956

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1524 | 1613 | 1961 | 1511 | 6609 |
| Cat fishes | 943 | 513 | 2554 | 297 | 4307 |
| <i>Chirocentrus</i> | 961 | 648 | 517 | 465 | 2591 |
| Other sardines | 3025 | 3808 | 2023 | 4310 | 13166 |
| <i>Hilsa</i> | 7 | 7 | 4 | 3 | 21 |
| <i>Anchoviella</i> & <i>Thrissocles</i> | 1596 | 2388 | 1972 | 2331 | 8287 |
| <i>Hemirhamphus</i> & <i>Belone</i> | 20 | 20 | 4 | 19 | 63 |
| Flying fish | - | 2258 | 126 | - | 2384 |
| Perches | 1115 | 862 | 1149 | 743 | 3869 |
| Polynemids | 95 | 37 | 107 | 103 | 342 |
| Sciaenids | 2099 | 1310 | 5338 | 1152 | 9899 |
| Ribbon fish | 685 | 371 | 3930 | 4017 | 9003 |

Table 17 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------------|------------------|-------------------|------------------|-------------------|--------|
| Carangids | 1472 | 2095 | 9910 | 1194 | 14671 |
| <i>Leiognathus & Gazza</i> | 1112 | 1034 | 4441 | 966 | 7553 |
| <i>Lactarius</i> | 221 | 1451 | 1529 | 1192 | 4393 |
| Pomfrets | 403 | 366 | 874 | 402 | 2045 |
| Mackerel | 635 | 52 | 427 | 172 | 1286 |
| Seer fish | 500 | 750 | 1589 | 900 | 3739 |
| Tunnies | 446 | 402 | 121 | 558 | 1527 |
| <i>Sphyraena</i> | 116 | 44 | 1279 | 59 | 1498 |
| Soles | 32 | 37 | 16 | 40 | 125 |
| Crustaceans | 745 | 4481 | 3249 | 380 | 8855 |
| Other varieties | 2484 | 884 | 3935 | 1600 | 8903 |
| Total | 20236 | 25431 | 47055 | 22414 | 115136 |

Table 18

Quarter-wise landings of selected categories of marine fishes including trawler catches from Kerala in tonnes during 1956

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1198 | 781 | 635 | 3594 | 6208 |
| Cat fishes | 904 | 563 | 5992 | 1903 | 9362 |
| <i>Chirocentrus</i> | 49 | 2 | 36 | 213 | 300 |
| Oil sardine | 799 | - | 180 | 4086 | 5065 |
| Other sardines | 1979 | 3346 | 3195 | 4941 | 13461 |
| <i>Anchoviella & Thriassocles</i> | 1362 | 2100 | 2447 | 3702 | 9611 |
| Perches | 297 | 245 | 271 | 2123 | 2936 |
| Sciaenids | 243 | 407 | 5219 | 1694 | 7563 |
| Ribbon fish | 23 | 385 | 2881 | 757 | 4046 |
| Carangids | 994 | 1382 | 31260 | 3166 | 36802 |
| <i>Leiognathus & Gazza</i> | 615 | 108 | 6611 | 989 | 8323 |
| <i>Lactarius</i> | 42 | 1283 | 1522 | 372 | 3219 |
| Pomfrets | 364 | 327 | 719 | 1237 | 2647 |
| Mackerel | 740 | 73 | 1730 | 6443 | 8986 |

Table 18 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|-----------------|------------------|-------------------|------------------|-------------------|---------------|
| Seer fish | 213 | 133 | 453 | 1059 | 1878 |
| Tunnies | 478 | 445 | 5 | 827 | 1755 |
| Soles | 47 | 22 | 7455 | 90 | 7614 |
| Crustaceans | 974 | 5980 | 5391 | 1752 | 14097 |
| Other varieties | 488 | 714 | 5778 | 1360 | 8340 |
| Total | 11809 | 18296 | 81780 | 40328 | 152213 |

Table 19

Quarter-wise landings of selected categories of marine fishes including trawler catches from Mysore in tonnes during 1956

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------------------------------|------------------|-------------------|------------------|-------------------|--------------|
| Elasmobranchs | 227 | 110 | 205 | 1520 | 2062 |
| Cat fishes | 426 | 193 | 457 | 2117 | 3193 |
| Oil sardine | - | - | - | 1369 | 1369 |
| <i>Anchoviella & Thriassocles</i> | 36 | 66 | 275 | 31 | 408 |
| Perches | 103 | 7 | 16 | 53 | 179 |
| Sciaenids | 33 | 162 | 808 | 779 | 1782 |
| Carangids | 192 | 35 | 704 | 478 | 1409 |
| Mackerel | 911 | 56 | 172 | 2038 | 3177 |
| Seer fish | 37 | 5 | 220 | 2372 | 2634 |
| Soles | 8 | 7 | 223 | 485 | 723 |
| Crustaceans | 26 | 85 | 262 | 42 | 415 |
| Other varieties | 649 | 480 | 614 | 1185 | 2928 |
| Total | 2648 | 1206 | 3956 | 12469 | 20279 |

Table 20

Quarter-wise landings of selected categories of marine fishes including trawler catches from Maharashtra in tonnes during 1956

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|---------------|----------------|---------------|----------------|--------|
| Elasmobranchs | 749 | 492 | 712 | 1457 | 3410 |
| Eels | 337 | 230 | 98 | 1804 | 2469 |
| Cat fishes | 612 | 260 | 516 | 2432 | 3820 |
| Clupeids | 1941 | 1347 | 814 | 14908 | 19010 |
| <i>Harpodon nehereus</i> & <i>Saurida</i> | 4300 | 9817 | 7091 | 52838 | 74046 |
| Perches | 125 | 87 | 77 | 313 | 602 |
| Polynemids | 755 | 669 | 3997 | 477 | 5898 |
| Sciaenids | 14719 | 2993 | 1034 | 4443 | 23189 |
| Ribbon fish | 678 | 882 | 221 | 3533 | 5314 |
| Pomfrets | 368 | 224 | 300 | 3382 | 4274 |
| Mackerel | 305 | 15 | 50 | 1268 | 1638 |
| Seer fish | 17 | 10 | 103 | 1919 | 2049 |
| <i>Bregmaceros</i> | 437 | 420 | - | 108 | 965 |
| Crustaceans | 33451 | 32479 | 4197 | 22639 | 92766 |
| Other varieties | 803 | 499 | 592 | 5979 | 7873 |
| Total | 59597 | 50424 | 19802 | 117500 | 247323 |

Table 21

Quarter-wise landings of selected categories of marine fishes including trawler catches from Gujarat in tonnes during 1956

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 371 | 157 | 207 | 914 | 1649 |
| Eels | 72 | 38 | 6 | 612 | 728 |
| Cat fishes | 174 | 82 | 134 | 1004 | 1394 |
| <i>Hilsa</i> | 561 | - | 22 | 159 | 742 |
| Other clupeids | 696 | 459 | 224 | 5240 | 6619 |
| <i>Harpodon nehereus</i> & <i>Saurida</i> | 5435 | 3494 | 2525 | 39798 | 51252 |

Table 21 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|-----------------|------------------|-------------------|------------------|-------------------|--------|
| Sciaenids | 5163 | 971 | 236 | 1458 | 7828 |
| Polynemids | 257 | 221 | 1414 | 184 | 2076 |
| Ribbon fish | 246 | 309 | 70 | 1685 | 2310 |
| Carangids | 7 | - | 13 | 192 | 212 |
| Pomfrets | 220 | 462 | 102 | 1270 | 2054 |
| Crustaceans | 11929 | 11577 | 1473 | 9331 | 34310 |
| Other varieties | 600 | 310 | 83 | 2851 | 3844 |
| Total | 25731 | 18080 | 6509 | 64698 | 115018 |

Table 22

Quarter-wise landings of selected categories of marine fishes including trawler catches from West Bengal and Orissa in tonnes during 1957

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 20 | 59 | 34 | 41 | 154 |
| Cat fishes | 10 | 19 | 2 | 105 | 136 |
| <i>Chirocentrus</i> | 18 | 45 | 30 | 46 | 139 |
| Other sardines | 215 | 2 | - | 324 | 541 |
| <i>Anchoviella & Thrissocles</i> | 114 | 71 | 45 | 493 | 723 |
| <i>Harpodon nehereus & Saurida</i> | 1175 | 1 | - | 470 | 1646 |
| Sciaenids | 171 | 153 | 174 | 157 | 655 |
| Ribbon fish | 155 | 185 | 300 | 279 | 919 |
| <i>Leiognathus & Gazza</i> | 38 | 32 | 10 | 156 | 236 |
| Pomfrets | 38 | 117 | 62 | 44 | 261 |
| Mackerel | - | - | - | 83 | 83 |
| Seer fish | 11 | 37 | 106 | 4 | 158 |
| Crustaceans | 1421 | 34 | 58 | 288 | 1801 |
| Other varieties | 313 | 397 | 97 | 490 | 1297 |
| Total | 3699 | 1152 | 918 | 2980 | 8749 |

Table 23

Quarter-wise landings of selected categories of marine fishes including trawler catches from Andhra in tonnes during 1957

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 863 | 482 | 285 | 571 | 2201 |
| Cat fishes | 524 | 205 | 194 | 259 | 1182 |
| <i>Chirocentrus</i> | 54 | 157 | 86 | 107 | 404 |
| Other sardines | 2020 | 533 | 100 | 604 | 3257 |
| <i>Anchoviella & Thriassocles</i> | 1293 | 3622 | 123 | 2719 | 7757 |
| <i>Harpodon nehereus & Saurida</i> | 95 | 30 | 41 | 296 | 462 |
| Perches | 170 | 841 | 33 | 86 | 1130 |
| Sciaenids | 1999 | 472 | 344 | 489 | 3304 |
| Ribbon fish | 1052 | 309 | 941 | 607 | 2909 |
| Carangids | 189 | 217 | 125 | 69 | 600 |
| <i>Leiognathus & Gazza</i> | 254 | 5237 | 67 | 420 | 5978 |
| <i>Lactarius</i> | 215 | 103 | 44 | 107 | 469 |
| Pomfrets | 313 | 755 | 294 | 184 | 1546 |
| Mackerel | 93 | 807 | 6 | 99 | 1005 |
| Seer fish | 151 | 571 | 178 | 207 | 1107 |
| Tunnies | 5 | 5 | 5 | 3 | 18 |
| Crustaceans | 407 | 332 | 653 | 783 | 2175 |
| Other varieties | 1646 | 2039 | 525 | 748 | 4958 |
| Total | 11343 | 16717 | 4044 | 8358 | 40462 |

Table 24

Quarter-wise landings of selected categories of marine fishes including trawler catches from Madras (Pondicherry included) in tonnes during 1957

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 1277 | 1191 | 1663 | 1309 | 5440 |
| Cat fishes | 1982 | 257 | 921 | 395 | 3555 |
| <i>Chirocentrus</i> | 829 | 610 | 718 | 962 | 3119 |
| Other sardines | 1596 | 2090 | 2931 | 2876 | 9493 |
| <i>Hilsa</i> | 9 | 23 | 8 | 5 | 45 |

Table 24 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------------------|------------------|-------------------|------------------|-------------------|-------|
| <i>Anchoviella & Thrissocles</i> | 737 | 755 | 1769 | 1386 | 4647 |
| <i>Hemirhamphus & Belone</i> | 11 | 3 | 15 | 40 | 69 |
| Flying fish | 1 | 694 | 219 | 2 | 916 |
| Perches | 612 | 617 | 1040 | 851 | 3120 |
| Polynemids | 54 | 42 | 33 | 156 | 285 |
| Sciaenids | 915 | 822 | 1523 | 1703 | 4963 |
| Ribbon fish | 481 | 299 | 8935 | 1743 | 11458 |
| Carangids | 1138 | 1719 | 3287 | 758 | 6902 |
| <i>Leiognathus & Gazza</i> | 743 | 883 | 1649 | 1445 | 4720 |
| <i>Lactarius</i> | 323 | 589 | 1628 | 937 | 3477 |
| Pomfrets | 336 | 427 | 400 | 627 | 1790 |
| Mackerel | 475 | 344 | 527 | 54 | 1400 |
| Seer fish | 1057 | 602 | 804 | 1304 | 3767 |
| Tunnies | 618 | 172 | 101 | 627 | 1518 |
| <i>Sphyraena</i> | 109 | 16 | 72 | 77 | 274 |
| Soles | 25 | 17 | 50 | 64 | 156 |
| Crustaceans | 243 | 270 | 701 | 902 | 2116 |
| Other varieties | 1690 | 712 | 2383 | 1669 | 6454 |
| Total | 15261 | 13154 | 31377 | 19892 | 79684 |

Table 25

Quarter-wise landings of selected categories of marine fishes including trawler catches from Kerala in tonnes during 1957

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------------------|------------------|-------------------|------------------|-------------------|--------|
| Elasmobranchs | 1077 | 452 | 1016 | 1149 | 3694 |
| Cat fishes | 3943 | 2232 | 1201 | 1913 | 9289 |
| <i>Chirocentrus</i> | 46 | 37 | 34 | 134 | 251 |
| Oil sardine | 13284 | 3012 | 18157 | 141398 | 175851 |
| Other sardines | 8444 | 5396 | 7101 | 5434 | 26375 |
| <i>Anchoviella & Thrissocles</i> | 167 | 247 | 1997 | 456 | 2867 |

Table 25 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------------|------------------|-------------------|------------------|-------------------|---------------|
| Perches | 164 | 299 | 501 | 299 | 1263 |
| Sciaenids | 231 | 377 | 1532 | 120 | 2260 |
| Ribbon fish | 118 | 264 | 12878 | 1430 | 14690 |
| Carangids | 648 | 552 | 2480 | 1373 | 5053 |
| <i>Leiognathus & Gazza</i> | 159 | 859 | 3806 | 44 | 4868 |
| <i>Lactarius</i> | 89 | 778 | 2528 | 288 | 3683 |
| Pomfrets | 160 | 121 | 120 | 156 | 557 |
| Mackerel | 3187 | 2170 | 2374 | 18456 | 26187 |
| Seer fish | 480 | 39 | 82 | 1496 | 2097 |
| Tunnies | 413 | 111 | 151 | 475 | 1150 |
| Soles | 897 | 100 | 1654 | 75 | 2726 |
| Crustaceans | 1357 | 1980 | 16561 | 523 | 20421 |
| Other varieties | 1289 | 637 | 4711 | 492 | 7129 |
| Total | 36153 | 19663 | 78884 | 175711 | 310411 |

Table 26

Quarter-wise landings of selected categories of marine fishes including trawler catches from Mysore in tonnes during 1957

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------------------------------|------------------|-------------------|------------------|-------------------|--------------|
| Elasmobranchs | 353 | 100 | 612 | 742 | 1807 |
| Cat fishes | 50 | 424 | 177 | 1025 | 1676 |
| Oil sardine | 165 | 241 | 137 | 5236 | 5779 |
| <i>Anchoviella & Thriassocles</i> | 20 | 7 | 373 | 1 | 401 |
| Perches | 14 | 147 | 39 | 15 | 215 |
| Sciaenids | 50 | 136 | 1927 | 212 | 2325 |
| Carangids | 38 | 104 | 37 | 197 | 376 |
| Mackerel | 2582 | 24 | 434 | 52714 | 55754 |
| Seer fish | 6 | 4 | 73 | 648 | 731 |
| Soles | 2 | 2 | 157 | 11 | 172 |
| Crustaceans | 38 | 25 | 1321 | - | 1384 |
| Other varieties | 192 | 609 | 3541 | 1128 | 5470 |
| Total | 3510 | 1823 | 8828 | 61929 | 76090 |

Table 27

Quarter-wise landings of selected categories of marine fishes including trawler catches from Maharashtra in tonnes during 1957

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|---------------|----------------|---------------|----------------|--------|
| Elasmobranchs | 2498 | 1201 | 748 | 2691 | 7138 |
| Eels | 759 | 378 | 913 | 2099 | 4149 |
| Cat fishes | 1279 | 430 | 1077 | 7459 | 10245 |
| Other clupeids | 17977 | 3913 | 571 | 5916 | 28377 |
| <i>Harpodon nehereus</i> & <i>Saurida</i> | 6638 | 25736 | 4717 | 21595 | 58686 |
| Perches | 151 | 140 | 138 | 372 | 801 |
| Polynemids | 5768 | 1203 | 1449 | 451 | 8871 |
| Sciaenids | 4718 | 1733 | 1040 | 3964 | 11455 |
| Ribbon fish | 1079 | 2273 | 315 | 2779 | 6446 |
| Pomfrets | 872 | 1004 | 1377 | 3411 | 6664 |
| Mackerel | 3388 | 5 | 4 | 1179 | 4576 |
| Seer fish | 91 | 124 | 161 | 349 | 725 |
| <i>Bregmaceros</i> | 670 | 238 | - | 175 | 1083 |
| Crustaceans | 24367 | 38048 | 1657 | 9165 | 73237 |
| Other varieties | 1800 | 1720 | 666 | 2395 | 6581 |
| Total | 72055 | 78146 | 14833 | 64000 | 229034 |

Table 28

Quarter-wise landings of selected categories of marine fishes including trawler catches from Gujarat in tonnes during 1957

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 1061 | 457 | 287 | 841 | 2646 |
| Eels | 334 | 109 | 477 | 1017 | 1937 |
| Cat fishes | 457 | 337 | 121 | 381 | 1296 |
| <i>Hilsa</i> | 292 | 100 | 322 | 406 | 1120 |
| Other clupeids | 4512 | 1723 | 292 | 1850 | 8377 |
| <i>Harpodon nehereus</i> & <i>Saurida</i> | 5625 | 14951 | 3282 | 34915 | 58773 |
| Sciaenids | 2088 | 1245 | 142 | 1535 | 5010 |

Table 28 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|-----------------|------------------|-------------------|------------------|-------------------|---------------|
| Polynemids | 3399 | 1072 | 791 | 160 | 5422 |
| Ribbon fish | 395 | 992 | 70 | 502 | 1959 |
| Carangids | 4 | 241 | 26 | 129 | 400 |
| Pomfrets | 845 | 1295 | 768 | 2452 | 5360 |
| Crustaceans | 11680 | 18876 | 716 | 4406 | 35678 |
| Other varieties | 1150 | 902 | 268 | 692 | 3012 |
| Total | 31842 | 42300 | 7562 | 49286 | 130990 |

Table 29

Quarter-wise landings of selected categories of marine fishes including trawler catches from West Bengal and Orissa in tonnes during 1958

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|------------------|-------------------|------------------|-------------------|-------------|
| Elasmobranchs | 89 | 3 | 23 | 34 | 149 |
| Cat fishes | 30 | 8 | 4 | 52 | 94 |
| <i>Chirocentrus</i> | 23 | 55 | 4 | 93 | 175 |
| Other sardines | 626 | 2 | 2 | 132 | 762 |
| <i>Anchoviella & Thrissocles</i> | 294 | 66 | 111 | 145 | 616 |
| <i>Harpodon nehereus & Saurida</i> | 71 | 23 | 5 | 51 | 150 |
| Sciaenids | 163 | 73 | 114 | 156 | 506 |
| Ribbon fish | 164 | 14 | 108 | 303 | 589 |
| <i>Leiognathus & Gazza</i> | 60 | 25 | 10 | 26 | 121 |
| Pomfrets | 46 | 264 | 14 | 88 | 412 |
| Mackerel | 26 | - | - | 11 | 37 |
| Seer fish | 14 | 33 | 9 | 30 | 86 |
| Crustaceans | 923 | 63 | 72 | 219 | 1277 |
| Other varieties | 716 | 279 | 157 | 490 | 1642 |
| Total | 3245 | 908 | 633 | 1830 | 6616 |

Table 30

Quarter-wise landings of selected categories of marine fishes including trawler catches from Andhra in tonnes during 1958

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 1056 | 684 | 614 | 377 | 2731 |
| Cat fishes | 377 | 150 | 331 | 278 | 1136 |
| <i>Chirocentrus</i> | 236 | 102 | 263 | 76 | 677 |
| Other sardines | 1549 | 450 | 269 | 624 | 2892 |
| Other clupeids | 743 | 157 | 619 | 236 | 1755 |
| <i>Harpodon nehereus & Saurida</i> | 52 | 6 | 36 | 346 | 440 |
| Perches | 215 | 156 | 96 | 29 | 496 |
| Sciaenids | 1261 | 498 | 473 | 235 | 2467 |
| Ribbon fish | 183 | 282 | 482 | 363 | 1310 |
| Carangids | 465 | 109 | 276 | 29 | 879 |
| <i>Leiognathus & Gazza</i> | 277 | 362 | 116 | 153 | 908 |
| <i>Lactarius</i> | 167 | 144 | 118 | 31 | 460 |
| Pomfrets | 808 | 491 | 391 | 102 | 1792 |
| Mackerel | 116 | 51 | 22 | 104 | 293 |
| Seer fish | 307 | 276 | 257 | 104 | 944 |
| Tunnies | 2 | 9 | 10 | 2 | 23 |
| Crustaceans | 354 | 688 | 1743 | 411 | 3196 |
| Other varieties | 2957 | 762 | 818 | 1910 | 6447 |
| Total | 11125 | 5377 | 6934 | 5410 | 28846 |

Table 31

Quarter-wise landings of selected categories of marine fishes including trawler catches from Madras (Pondicherry included) in tonnes during 1958

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 2330 | 1310 | 1650 | 1180 | 6470 |
| Cat fishes | 1640 | 184 | 2666 | 282 | 4772 |
| <i>Chirocentrus</i> | 993 | 487 | 317 | 745 | 2542 |
| Other sardines | 1257 | 1244 | 3460 | 1798 | 7759 |
| <i>Hilsa</i> | 66 | 8 | 5 | 8 | 87 |

Table 31 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------------------------------|------------------|-------------------|------------------|-------------------|---------------|
| <i>Anchoviella & Thriassocles</i> | 803 | 3450 | 9066 | 6588 | 19907 |
| <i>Hemirhamphus & Belone</i> | 35 | 15 | 15 | 68 | 133 |
| Flying fish | 2 | 262 | 72 | - | 336 |
| Perches | 1360 | 753 | 1548 | 925 | 4586 |
| Polynemids | 94 | 309 | 54 | 87 | 544 |
| Sciaenids | 1259 | 770 | 1426 | 1540 | 4995 |
| Ribbon fish | 241 | 3003 | 18079 | 3222 | 24545 |
| Carangids | 1314 | 1970 | 5602 | 1242 | 10128 |
| <i>Leiognathus & Gazza</i> | 1051 | 1007 | 1877 | 1327 | 5262 |
| <i>Lactarius</i> | 306 | 3594 | 7390 | 951 | 12241 |
| Pomfrets | 445 | 150 | 724 | 325 | 1644 |
| Mackerel | 261 | 15 | 93 | 24 | 393 |
| Seer fish | 1300 | 587 | 860 | 766 | 3513 |
| Tunnies | 49 | 15 | 288 | 425 | 777 |
| Sphyraena | 147 | 23 | 65 | 164 | 399 |
| Soles | 27 | 15 | 44 | 33 | 119 |
| Crustaceans | 955 | 275 | 542 | 700 | 2472 |
| Other varieties | 1777 | 452 | 952 | 1251 | 4432 |
| Total | 17712 | 19898 | 56795 | 23651 | 118056 |

Table 32

Quarter-wise landings of selected categories of marine fishes including trawler catches from Kerala in tonnes during 1958

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------------------------------|------------------|-------------------|------------------|-------------------|--------|
| Elasmobranchs | 1433 | 808 | 1147 | 2808 | 6196 |
| Cat fishes | 1728 | 3769 | 1979 | 2995 | 10471 |
| <i>Chirocentrus</i> | 116 | 39 | 4 | 312 | 471 |
| Oil sardine | 71207 | 12089 | 8047 | 27628 | 118971 |
| Other sardines | 2835 | 1510 | 3524 | 15964 | 23833 |
| <i>Anchoviella & Thriassocles</i> | 252 | 892 | 2344 | 3821 | 7309 |
| Perches | 110 | 148 | 4661 | 314 | 5233 |

Table 32 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------------|------------------|-------------------|------------------|-------------------|--------|
| Sciaenids | 43 | 421 | 1874 | 1735 | 4073 |
| Ribbon fish | 20 | 1294 | 3800 | 3120 | 8234 |
| Carangids | 630 | 1166 | 3682 | 3600 | 9078 |
| <i>Leiognathus & Gazza</i> | 60 | 592 | 4824 | 310 | 5786 |
| <i>Lactarius</i> | 3 | 452 | 1766 | 541 | 2762 |
| Pomfrets | 94 | 1027 | 367 | 289 | 1777 |
| Mackerel | 13259 | 3940 | 3879 | 34398 | 55476 |
| Seer fish | 235 | 18 | 112 | 926 | 1291 |
| Tunnies | 440 | 188 | 246 | 786 | 1660 |
| Soles | 216 | 351 | 1125 | 9247 | 10939 |
| Crustaceans | 561 | 2562 | 11142 | 629 | 14894 |
| Other varieties | 392 | 507 | 4630 | 1152 | 6681 |
| Total | 93634 | 31773 | 59153 | 110575 | 295135 |

Table 33

Quarter-wise landings of selected categories of marine fishes including trawler catches from Mysore in tonnes during 1958

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 430 | 115 | 306 | 1832 | 2683 |
| Cat fishes | 778 | 498 | 117 | 865 | 2258 |
| Oil sardine | 366 | 9 | - | 94 | 469 |
| <i>Anchoviella & Thrissocles</i> | 10 | 9 | 132 | 144 | 295 |
| Perches | 83 | 61 | 34 | 15 | 243 |
| Sciaenids | 174 | 110 | 801 | 347 | 1432 |
| Carangids | 189 | 49 | 1 | 417 | 656 |
| Mackerel | 10062 | 111 | 41 | 55151 | 65365 |
| Seer fish | 117 | 9 | 9 | 1012 | 1147 |
| Soles | 2 | 4 | 803 | 797 | 1606 |
| Crustaceans | 11 | 10 | 637 | 15 | 637 |
| Other varieties | 303 | 216 | 1329 | 1567 | 3415 |
| Total | 12525 | 1201 | 4260 | 62256 | 80242 |

Table 34

Quarter-wise landings of selected categories of marine fishes including trawler catches from Maharashtra in tonnes during 1958

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|---------------|----------------|---------------|----------------|---------------|
| Elasmobranchs | 1556 | 1112 | 274 | 1713 | 4655 |
| Eels | 777 | 358 | 117 | 4791 | 6043 |
| Cat fishes | 4619 | 1776 | 432 | 2243 | 9070 |
| Clupeids | 2952 | 1244 | 763 | 8739 | 13698 |
| <i>Harpodon nehereus</i> & <i>Saurida</i> | 5348 | 9475 | 1988 | 22693 | 39504 |
| Perches | 133 | 154 | 145 | 332 | 764 |
| Polynemids | 1660 | 1585 | 88 | 83 | 3416 |
| Sciaenids | 4327 | 1729 | 981 | 1872 | 8909 |
| Ribbon fish | 2149 | 2647 | 45 | 388 | 5229 |
| Pomfrets | 602 | 490 | 264 | 5172 | 6528 |
| Mackerel | 414 | - | - | 1293 | 1707 |
| Seer fish | 38 | 22 | 87 | 439 | 586 |
| <i>Bregmaceros</i> | 958 | 650 | - | 1560 | 3168 |
| Crustaceans | 11104 | 21763 | 285 | 8501 | 41653 |
| Other varieties | 2406 | 1428 | 591 | 2298 | 6723 |
| Total | 39043 | 44433 | 6060 | 62117 | 151653 |

Table 35

Quarter-wise landings of selected categories of marine fishes including trawler catches from Gujarat in tonnes during 1958

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 542 | 179 | 116 | 564 | 1401 |
| Eels | 221 | 18 | 10 | 2765 | 3014 |
| Cat fishes | 900 | 754 | 90 | 327 | 2071 |
| <i>Hilsa</i> | 353 | 346 | 868 | 387 | 1954 |
| Other clupeids | 741 | 395 | 27 | 1355 | 2518 |
| <i>Harpodon nehereus</i> & <i>Saurida</i> | 3365 | 5496 | 1310 | 17046 | 27217 |
| Polynemids | 773 | 832 | 29 | 70 | 1704 |

Table 35 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|-----------------|------------------|-------------------|------------------|-------------------|--------------|
| Sciaenids | 1603 | 649 | 49 | 882 | 3183 |
| Ribbon fish | 678 | 1031 | 18 | 242 | 1969 |
| Carangids | 21 | 59 | 10 | 63 | 153 |
| Pomfrets | 747 | 328 | 142 | 3171 | 4388 |
| Crustaceans | 5512 | 10886 | 287 | 5820 | 22505 |
| Other varieties | 482 | 632 | 286 | 1657 | 3057 |
| Total | 15938 | 21605 | 3242 | 34349 | 75134 |

Table 36

Quarter-wise landings of selected categories of marine fishes including trawler catches from West Bengal and Orissa in tonnes during 1959

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|------------------|-------------------|------------------|-------------------|-------------|
| Elasmobranchs | 37 | 70 | 36 | 26 | 169 |
| Cat fishes | 48 | 48 | 14 | 37 | 147 |
| <i>Chirocentrus</i> | 53 | 31 | 7 | 57 | 148 |
| Other sardines | 150 | 148 | 3 | 102 | 403 |
| <i>Anchoviella & Thriassocles</i> | 132 | 9 | - | 71 | 212 |
| <i>Harpodon nehereus & Saurida</i> | 64 | 3 | 28 | 30 | 125 |
| Sciaenids | 117 | 70 | 36 | 65 | 288 |
| Ribbon fish | 103 | 18 | 39 | 61 | 221 |
| <i>Leiognathus & Gazza</i> | 104 | 98 | 2 | 13 | 217 |
| Pomfrets | 70 | 60 | 9 | 28 | 167 |
| Mackerel | 57 | 11 | - | 11 | 79 |
| Seer fish | 25 | 38 | 12 | 21 | 96 |
| Crustaceans | 275 | 48 | 93 | 232 | 648 |
| Other varieties | 671 | 195 | 96 | 339 | 1301 |
| Total | 1906 | 847 | 375 | 1093 | 4221 |

Table 37

Quarter-wise landings of selected categories of marine fishes including trawler catches from Andhra in tonnes during 1959

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 937 | 803 | 422 | 389 | 2551 |
| Cat fishes | 299 | 201 | 188 | 206 | 894 |
| <i>Chirocentrus</i> | 207 | 63 | 229 | 241 | 740 |
| Other sardines | 1455 | 354 | 193 | 447 | 2449 |
| <i>Anchovilla & Thrissocles</i> | 2556 | 275 | 177 | 392 | 3900 |
| <i>Harpodon nehereus & Saurida</i> | 98 | 6 | 89 | 370 | 563 |
| Perches | 50 | 76 | 79 | 107 | 312 |
| Sciaenids | 1070 | 735 | 247 | 327 | 2379 |
| Ribbon fish | 615 | 496 | 941 | 927 | 2979 |
| Carangids | 98 | 54 | 97 | 48 | 297 |
| <i>Leiognathus & Gazza</i> | 872 | 281 | 126 | 216 | 1495 |
| <i>Lactarius</i> | 170 | 100 | 35 | 60 | 365 |
| Pomfrets | 479 | 371 | 191 | 129 | 1170 |
| Mackerel | 57 | 160 | 39 | 178 | 434 |
| Seer fish | 234 | 339 | 257 | 174 | 1004 |
| Tunnies | 3 | 24 | 7 | 7 | 41 |
| Crustaceans | 264 | 770 | 2124 | 665 | 3823 |
| Other varieties | 1279 | 633 | 1336 | 832 | 4080 |
| Total | 10743 | 5741 | 6777 | 6215 | 29476 |

Table 38

Quarter-wise landings of selected categories of marine fishes including trawler catches from Madras (Pondicherry included) in tonnes during 1959

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 2316 | 1601 | 1622 | 1001 | 6540 |
| Cat fishes | 1061 | 563 | 244 | 577 | 2446 |
| <i>Chirocentrus</i> | 644 | 464 | 330 | 574 | 2012 |
| Other sardines | 1546 | 1777 | 2648 | 2173 | 8144 |
| <i>Hilsa</i> | 75 | 39 | 12 | 51 | 177 |

Table 38 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------------------|------------------|-------------------|------------------|-------------------|--------|
| <i>Anchoviella & Thrissocles</i> | 2485 | 1952 | 6126 | 2219 | 12782 |
| <i>Hemirhamphus & Belone</i> | 142 | 40 | 1 | 64 | 247 |
| Flying fish | 20 | 1014 | 627 | - | 1661 |
| Perches | 1370 | 787 | 1396 | 1659 | 5212 |
| <i>Polynemus</i> | 97 | 192 | 99 | 106 | 494 |
| Sciaenids | 1337 | 753 | 1410 | 1702 | 5202 |
| Ribbon fish | 245 | 1058 | 11394 | 7140 | 19837 |
| Carangids | 1293 | 3039 | 1583 | 1985 | 7900 |
| <i>Leiognathus & Gazza</i> | 1156 | 1082 | 1124 | 1766 | 5128 |
| <i>Lactarius</i> | 387 | 772 | 2158 | 6249 | 9566 |
| Pomfrets | 704 | 928 | 322 | 285 | 2239 |
| Mackerel | 315 | 255 | 275 | 132 | 975 |
| Seer fish | 693 | 372 | 714 | 814 | 2593 |
| Tunnies | 54 | 29 | 72 | 222 | 377 |
| <i>Sphyraena</i> | 156 | 67 | 115 | 117 | 455 |
| Soles | 27 | 38 | 107 | 169 | 341 |
| Crustaceans | 1088 | 331 | 526 | 636 | 2581 |
| Other varieties | 1948 | 865 | 2121 | 1683 | 6617 |
| Total | 19159 | 18016 | 35026 | 31324 | 103525 |

Table 39

Quarter-wise landings of selected categories of marine fishes including trawler catches from Kerala in tonnes during 1959

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1443 | 2414 | 824 | 1500 | 6181 |
| Cat fishes | 952 | 827 | 732 | 2663 | 5174 |
| <i>Chirocentrus</i> | 43 | 33 | 19 | 361 | 456 |
| Oil sardine | 33615 | 5657 | 5233 | 17531 | 62036 |
| Other sardines | 4347 | 2201 | 1270 | 10650 | 18468 |
| Other clupeids | 227 | 162 | 4832 | 55 | 5276 |
| Perches | 383 | 307 | 802 | 1002 | 2494 |
| Sciaenids | 486 | 800 | 1126 | 1038 | 3450 |
| Ribbon fish | 15 | 198 | 6090 | 107 | 6410 |

Table 39 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------------|------------------|-------------------|------------------|-------------------|---------------|
| Carangids | 470 | 490 | 952 | 1707 | 3619 |
| <i>Leiognathus & Gazza</i> | 458 | 966 | 3215 | 919 | 5558 |
| <i>Lactarius</i> | 73 | 1259 | 1642 | 42 | 3016 |
| Pomfrets | 90 | 896 | 149 | 181 | 1316 |
| Mackerel | 15073 | 6232 | 135 | 3249 | 24689 |
| Seer fish | 146 | 33 | 68 | 1160 | 1407 |
| Tunnies | 365 | 167 | 1117 | 590 | 2239 |
| Soles | 163 | 462 | 3548 | 5201 | 9374 |
| Crustaceans | 459 | 1532 | 11019 | 1757 | 14767 |
| Other varieties | 1614 | 1903 | 7429 | 5749 | 16695 |
| Total | 60422 | 26539 | 50202 | 55462 | 192625 |

Table 40

Quarter-wise landings of selected categories of marine fishes including trawler catches from Mysore in tonnes during 1959

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|-----------------|------------------|-------------------|------------------|-------------------|--------------|
| Elasmobranchs | 549 | 80 | 309 | 999 | 1937 |
| Cat fishes | 44 | 579 | 235 | 5799 | 6657 |
| Oil sardine | 447 | - | - | 2874 | 3321 |
| Other clupeids | 55 | 54 | 155 | 8 | 272 |
| Perches | 58 | 41 | 160 | 30 | 289 |
| Sciaenids | 79 | 69 | 1498 | 421 | 2067 |
| Carangids | 52 | 11 | 62 | 86 | 211 |
| Mackerel | 18215 | 385 | 74 | 10658 | 29332 |
| Seer fish | 28 | 1 | 5 | 608 | 642 |
| Soles | 3 | 5 | 152 | 104 | 264 |
| Crustaceans | 38 | 83 | 877 | 681 | 1679 |
| Other varieties | 374 | 242 | 1852 | 3686 | 6154 |
| Total | 19942 | 1550 | 5379 | 25954 | 52825 |

Table 41

Quarter-wise landings of selected categories of marine fishes including trawler catches from Maharashtra in tonnes during 1959

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------|---------------|----------------|---------------|----------------|--------|
| Elasmobranchs | 771 | 391 | 353 | 3396 | 4911 |
| Eels | 1171 | 110 | 2315 | 811 | 4407 |
| Cat fishes | 1491 | 872 | 142 | 1828 | 4333 |
| Clupeids | 3563 | 838 | 312 | 3079 | 7792 |
| <i>Harpodon nehereus</i> | 5077 | 5999 | 3030 | 13182 | 27288 |
| Perches | 171 | 135 | 120 | 288 | 714 |
| Polynemids | 3049 | 1088 | 58 | 151 | 4346 |
| Sciaenids | 2687 | 591 | 384 | 1591 | 5253 |
| Ribbon fish | 340 | 474 | 117 | 862 | 1793 |
| Pomfrets | 577 | 610 | 3526 | 5479 | 10192 |
| Mackerel | 6438 | 1 | 1 | 235 | 6675 |
| Seer fish | 161 | 55 | 11 | 419 | 646 |
| <i>Bregmaceros</i> | 1292 | 113 | 2 | 1775 | 3182 |
| Crustaceans | 11156 | 10778 | 1340 | 8496 | 31770 |
| Other varieties | 5684 | 1645 | 766 | 16506 | 24601 |
| Total | 43628 | 23700 | 12477 | 58098 | 137903 |

Table 42

Quarter-wise landings of selected categories of marine fishes including trawler catches from Gujarat in tonnes during 1959

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 414 | 231 | 100 | 409 | 1154 |
| Eels | 665 | 27 | - | 549 | 1241 |
| Cat fishes | 253 | 208 | 65 | 95 | 621 |
| Clupeids | 2128 | 446 | 17 | 636 | 3227 |
| <i>Harpodon nehereus</i> & <i>Saurida</i> | 3641 | 3515 | 235 | 21875 | 29266 |
| Sciaenids | 1449 | 237 | 26 | 91 | 1803 |
| Polynemids | 1829 | 674 | 1 | 6 | 2510 |
| Ribbon fish | 151 | 272 | 42 | 48 | 513 |
| Carangids | 30 | 40 | 37 | 32 | 127 |
| Pomfrets | 600 | 564 | 305 | 714 | 2183 |
| Crustaceans | 5816 | 5799 | 219 | 428 | 12262 |
| Other varieties | 2361 | 1180 | 1207 | 3828 | 8588 |
| Total | 19337 | 13193 | 2254 | 28711 | 63495 |

S E C T I O N - I I I

QUARTER-WISE SPECIES COMPOSITION IN LANDINGS OF
MARINE FISHES IN EACH STATE DURING 1960-1968

Table 43

Quarter-wise landings of marine fishes including trawler catches from West Bengal and Orissa (in tonnes) during 1960

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 73 | 22 | 125 | 60 | 280 |
| Eels | 1 | - | - | - | 1 |
| Cat fishes | 39 | 4 | 16 | 89 | 148 |
| <i>Chirocentrus</i> | 75 | 10 | 9 | 204 | 298 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 607 | 9 | - | 528 | 1144 |
| <i>Hilsa ilisha</i> | 1 | 1 | - | 16 | 18 |
| Other <i>Hilsa</i> | 1 | - | - | 4 | 5 |
| <i>Anchoviella</i> | 73 | 24 | - | 189 | 286 |
| <i>Thrissocles</i> | 11 | 32 | 11 | 24 | 78 |
| Other clupeids | 111 | 23 | 51 | 377 | 562 |
| <i>Harpodon nehereus</i> | 16 | - | 2 | 89 | 107 |
| <i>Saurida & Saurus</i> | 3 | - | - | - | 3 |
| <i>Hemirhamphus & Belone</i> | 2 | - | - | 9 | 11 |
| Flying fish | - | - | - | - | - |
| Perches | 12 | 1 | - | 98 | 111 |
| Red mullets | 3 | 2 | 1 | - | 6 |
| Polynemids | 20 | - | - | 129 | 149 |
| Sciaenids | 218 | 124 | 71 | 116 | 529 |
| Ribbon fish | 26 | 25 | 46 | 264 | 361 |
| <i>Caranx</i> | - | 1 | 6 | 59 | 66 |
| <i>Chorinemus</i> | - | - | 8 | 4 | 12 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 36 | 51 | 2 | 75 | 164 |
| <i>Gazza</i> | - | 12 | - | - | 12 |
| <i>Lactarius</i> | - | - | - | - | - |
| Pomfrets | 34 | 44 | 22 | 112 | 212 |
| Mackerel | 23 | 10 | 1 | 12 | 46 |
| Seer fish | 56 | 13 | 18 | 117 | 204 |

Table 43 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Tunnies | 5 | - | - | - | 5 |
| <i>Sphyraena</i> | 1 | 9 | - | 1 | 11 |
| <i>Mugil</i> | - | - | - | - | - |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 2 | - | - | 49 | 51 |
| Penaeid prawns | 183 | 43 | 25 | 554 | 805 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | - | - | 1 | 2 | 3 |
| Cephalopods | - | - | - | - | - |
| Miscellaneous | 9 | 15 | 1 | 7 | 32 |
| Total | 1641 | 475 | 416 | 3188 | 5720 |

Table 44

Quarter-wise landings of marine fishes including trawler catches from Andhra (in tonnes) during 1960

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1772 | 1220 | 1581 | 1319 | 5892 |
| Eels | 23 | 47 | 28 | 4 | 102 |
| Cat fishes | 400 | 554 | 365 | 355 | 1674 |
| <i>Chirocentrus</i> | 393 | 154 | 238 | 438 | 1223 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 3278 | 615 | 154 | 1647 | 5694 |
| <i>Hilsa ilisha</i> | 4 | - | 44 | 57 | 105 |
| Other <i>Hilsa</i> | 1594 | 371 | 467 | 350 | 2782 |
| <i>Anchoviella</i> | 3369 | 2103 | 30 | 2017 | 7519 |
| <i>Thrissocles</i> | 510 | 213 | 154 | 1064 | 1941 |
| Other clupeids | 467 | 104 | 609 | 513 | 1693 |
| <i>Harpodon nehereus</i> | 306 | 7 | 136 | 256 | 705 |
| <i>Saurida & Saurus</i> | 33 | 31 | 7 | 47 | 118 |
| <i>Hemirhamphus & Belone</i> | 1 | 1 | 5 | 13 | 20 |
| Flying fish | - | - | 10 | 1 | 11 |
| Perches | 210 | 698 | 81 | 197 | 1186 |

Table 44 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Red mullets | 295 | 820 | 3 | 97 | 1215 |
| Polynemids | 87 | 42 | 84 | 89 | 302 |
| Sciaenids | 1630 | 1033 | 492 | 1237 | 4392 |
| Ribbon fish | 598 | 683 | 576 | 569 | 2426 |
| <i>Caranx</i> | 212 | 252 | 53 | 59 | 576 |
| <i>Chorinemus</i> | 138 | 178 | 257 | 123 | 696 |
| <i>Trachynotus</i> | 1 | 1 | - | - | 2 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 1 | 3 | 19 | 3 | 26 |
| <i>Elacate</i> | 2 | 4 | 14 | 9 | 29 |
| <i>Leiognathus</i> | 1396 | 994 | 30 | 732 | 3152 |
| <i>Gazza</i> | 349 | 233 | - | - | 582 |
| <i>Lactarius</i> | 242 | 392 | 68 | 391 | 1093 |
| Pomfrets | 1325 | 673 | 193 | 249 | 2440 |
| Mackerel | 2186 | 146 | 3 | 527 | 2862 |
| Seer fish | 569 | 289 | 276 | 268 | 1402 |
| Tunnies | 16 | 18 | 20 | 37 | 91 |
| <i>Sphyraena</i> | 4 | 3 | 2 | - | 9 |
| <i>Mugil</i> | 1 | 18 | 20 | 9 | 48 |
| <i>Bregmaceros</i> | - | - | - | 1 | 1 |
| Soles | 30 | 20 | 50 | 57 | 157 |
| Penaeid prawns | 189 | 166 | 970 | 271 | 1596 |
| Non-penaeid prawns | 148 | 30 | 297 | 528 | 1003 |
| Other crustaceans | 157 | 81 | 1014 | 172 | 1424 |
| Cephalopods | - | 1 | - | - | 1 |
| Miscellaneous | 157 | 115 | 168 | 236 | 676 |
| Total | 22093 | 12313 | 8518 | 13942 | 56866 |

Table 45

Quarter-wise landings of marine fishes including trawler catches from Madras (Pondicherry included) (in tonnes) during 1960

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 2167 | 2368 | 3744 | 921 | 9200 |
| Eels | 1 | 45 | 46 | 110 | 202 |
| Cat fishes | 483 | 514 | 696 | 335 | 2028 |
| <i>Chirocentrus</i> | 770 | 459 | 423 | 719 | 2371 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 1709 | 1907 | 2449 | 2234 | 8299 |
| <i>Hilsa ilisha</i> | 12 | 2 | 22 | - | 36 |
| Other <i>Hilsa</i> | 170 | 22 | 19 | 27 | 238 |
| <i>Anchoviella</i> | 1595 | 3404 | 5294 | 2214 | 12507 |
| <i>Thrissocles</i> | 464 | 525 | 558 | 401 | 1948 |
| Other clupeids | 957 | 524 | 757 | 780 | 3018 |
| <i>Harpodon nehereus</i> | 24 | - | 3 | 2 | 29 |
| <i>Saurida & Saurus</i> | 142 | 29 | 78 | 90 | 339 |
| <i>Hemirhamphus & Belone</i> | 16 | 1 | 6 | 57 | 80 |
| Flying fish | 8 | 6223 | 226 | - | 6457 |
| Perches | 2014 | 693 | 1073 | 917 | 4697 |
| Red mullets | 564 | 97 | 145 | 286 | 1092 |
| Polynemids | 249 | 109 | 168 | 130 | 656 |
| Sciaenids | 1976 | 1216 | 1457 | 1160 | 5809 |
| Ribbon fish | 505 | 1128 | 8125 | 2157 | 11915 |
| <i>Caranx</i> | 935 | 4756 | 3079 | 706 | 9476 |
| <i>Chorinemus</i> | 359 | 826 | 342 | 387 | 1914 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | 88 | 9 | - | - | 97 |
| <i>Coryphaena</i> | 5 | 90 | 40 | 11 | 146 |
| <i>Elacate</i> | 26 | 12 | 14 | 14 | 66 |
| <i>Leiognathus</i> | 2365 | 1322 | 924 | 1457 | 6068 |
| <i>Gazza</i> | 22 | - | 4 | 14 | 40 |
| <i>Lactarius</i> | 603 | 405 | 595 | 4266 | 5869 |
| Pomfrets | 612 | 993 | 515 | 205 | 2325 |
| Mackerel | 396 | 478 | 128 | 164 | 1166 |
| Seer fish | 622 | 500 | 590 | 939 | 2651 |

Table 45 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|---------------|----------------|---------------|----------------|---------------|
| Tunnies | 7 | 120 | 89 | 165 | 381 |
| <i>Sphyraena</i> | 180 | 109 | 192 | 133 | 614 |
| <i>Mugil</i> | 9 | 11 | 23 | 8 | 51 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 148 | 157 | 215 | 146 | 666 |
| Penaeid prawns | 788 | 243 | 549 | 308 | 1888 |
| Non-penaeid prawns | 15 | 93 | 116 | 51 | 275 |
| Other crustaceans | 251 | 199 | 132 | 241 | 823 |
| Cephalopods | - | - | 17 | 1 | 18 |
| Miscellaneous | 837 | 316 | 708 | 597 | 2458 |
| Total | 22094 | 29905 | 33561 | 22353 | 107913 |

Table 46

Quarter-wise landings of marine fishes including trawler catches from Kerala (in tonnes) during 1960

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|--------|
| Elasmobranchs | 1831 | 533 | 1712 | 3645 | 7721 |
| Eels | - | - | - | - | - |
| Cat fishes | 3302 | 5955 | 1460 | 482 | 11199 |
| <i>Chirocentrus</i> | 60 | 142 | 22 | 76 | 300 |
| Oil sardine | 8068 | 1528 | 28802 | 147821 | 186219 |
| Other sardines | 5965 | 1721 | 3963 | 2855 | 14504 |
| <i>Hilsa ilisha</i> | - | - | 20 | - | 20 |
| Other <i>Hilsa</i> | 6 | 2 | 4 | - | 12 |
| <i>Anchoviella</i> | 367 | 2247 | 10350 | 1200 | 14164 |
| <i>Thrissocles</i> | 61 | 71 | 619 | 1615 | 2366 |
| Other clupeids | 206 | 929 | 2576 | 1650 | 5361 |
| <i>Harpodon nehereus</i> | - | 1 | - | - | 1 |
| <i>Saurida & Saurus</i> | 2 | 2 | 8 | 4 | 16 |
| <i>Hemirhamphus & Belone</i> | 12 | - | - | 9 | 21 |
| Flying fish | - | - | - | - | - |
| Perches | 1266 | 977 | 59 | 122 | 2424 |

Table 46 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Red mullets | - | 1 | - | 4 | 5 |
| Polynemids | 2 | 2 | 7 | 1 | 12 |
| Sciaenids | 533 | 785 | 2925 | 235 | 4478 |
| Ribbon fish | 57 | 216 | 349 | 14 | 636 |
| <i>Caranx</i> | 211 | 212 | 9357 | 567 | 10347 |
| <i>Chorinemus</i> | 264 | 347 | 7 | 55 | 673 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 75 | - | - | - | 75 |
| <i>Elacate</i> | 34 | 4 | - | 64 | 102 |
| <i>Leiognathus</i> | 298 | 379 | 4496 | 636 | 5809 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 57 | 3024 | 3051 | 236 | 6368 |
| Pomfrets | 57 | 72 | 36 | 190 | 355 |
| Mackerel | 6346 | 27 | 4304 | 24827 | 35504 |
| Seer fish | 541 | 89 | 97 | 1482 | 2209 |
| Tunnies | 1208 | 571 | 115 | 2218 | 4112 |
| <i>Sphyraena</i> | 39 | 40 | 1057 | 183 | 1319 |
| <i>Mugil</i> | - | 1 | - | 3 | 4 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 347 | 275 | 11377 | 716 | 12715 |
| Penaeid prawns | 740 | 2132 | 9605 | 321 | 12798 |
| Non-penaeid prawns | 2 | 21 | - | - | 23 |
| Other crustaceans | 80 | 20 | 42 | 33 | 175 |
| Cephalopods | 66 | 2 | 347 | 2 | 417 |
| Miscellaneous | 1652 | 643 | 884 | 1041 | 4220 |
| Total | 33755 | 22971 | 97651 | 192307 | 346684 |

Table 47

Quarter-wise landings of marine fishes including trawler catches from Mysore (in tonnes) during 1960

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 630 | 174 | 464 | 618 | 1886 |
| Eels | - | - | - | - | - |

Table 47 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Cat fishes | 65 | 149 | 49 | 2074 | 2337 |
| <i>Chirocentrus</i> | 63 | 3 | 5 | 133 | 204 |
| Oil sardine | 96 | - | 516 | 2164 | 2776 |
| Other sardines | 445 | 69 | 29 | 1133 | 1676 |
| <i>Hilsa ilisha</i> | - | - | - | - | - |
| Other <i>Hilsa</i> | 7 | 2 | - | 3 | 12 |
| <i>Anchoviella</i> | 46 | 3 | 9 | 1350 | 1408 |
| <i>Thrissocles</i> | 36 | 15 | 415 | 108 | 574 |
| Other clupeids | 149 | 15 | 112 | 82 | 358 |
| <i>Harpodon nehereus</i> | - | - | 1 | - | 1 |
| <i>Saurida & Saurus</i> | 1 | - | - | - | 1 |
| <i>Hemirhamphus & Belone</i> | 4 | 2 | - | 35 | 41 |
| Flying fish | - | - | - | - | - |
| Perches | 21 | 108 | 33 | 29 | 191 |
| Red mullets | - | - | - | - | - |
| Polynemids | 2 | 1 | 8 | 8 | 19 |
| Sciaenids | 58 | 71 | 764 | 717 | 1610 |
| Ribbon fish | 8 | 1 | 136 | 7 | 152 |
| <i>Caranx</i> | 126 | 68 | 49 | 416 | 659 |
| <i>Chorinemus</i> | 24 | 1 | - | 64 | 89 |
| <i>Trachynotus</i> | 7 | - | - | - | 7 |
| Other carangids | 57 | - | - | - | 57 |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | 17 | - | - | 18 | 35 |
| <i>Leiognathus</i> | 83 | 14 | 134 | 287 | 518 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 1 | 4 | 1068 | 10 | 1083 |
| Pomfrets | 20 | 5 | 3 | 301 | 329 |
| Mackerel | 4306 | - | 61 | 77515 | 81882 |
| Seer fish | 830 | 2 | 5 | 320 | 1157 |
| Tunnies | - | - | - | 204 | 204 |
| <i>Sphyraena</i> | - | - | 5 | - | 5 |
| <i>Mugil</i> | 3 | - | 4 | - | 7 |
| <i>Bregmaceros</i> | - | - | - | - | - |

Table 47 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|---------------|
| Soles | 2 | 6 | 320 | 60 | 388 |
| Penaeid prawns | 31 | 41 | 255 | 96 | 423 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | 33 | 27 | 12 | - | 72 |
| Cephalopods | 4 | - | 9 | 1 | 14 |
| Miscellaneous | 89 | 24 | 139 | 164 | 416 |
| Total | 7264 | 805 | 4605 | 87917 | 100591 |

Table 48

Quarter-wise landings of marine fishes including trawler catches from Maharashtra (in tonnes)
during 1960

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1017 | 352 | 596 | 1379 | 3344 |
| Eels | 405 | 155 | 1059 | 1780 | 3399 |
| Cat fishes | 1117 | 358 | 453 | 2301 | 4229 |
| <i>Chirocentrus</i> | 35 | 7 | 247 | 390 | 679 |
| Oil sardine | 8 | - | 12 | 1 | 21 |
| Other sardines | 52 | 43 | 49 | 520 | 664 |
| <i>Hilsa ilisha</i> | 3 | - | 110 | 116 | 229 |
| Other <i>Hilsa</i> | 11 | - | 26 | 944 | 981 |
| <i>Anchoviella</i> | 1 | - | - | - | 1 |
| <i>Thrissocles</i> | 298 | 41 | 10 | 222 | 571 |
| Other clupeids | 2290 | 955 | 262 | 3892 | 7399 |
| <i>Harpodon nehereus</i> | 4787 | 1166 | 5924 | 17715 | 29592 |
| <i>Saurida & Saurus</i> | 5 | - | - | - | 5 |
| <i>Hemirhamphus & Belone</i> | 13 | 19 | 2 | 3 | 37 |
| Flying fish | - | - | - | 2 | 2 |
| Perches | 221 | 243 | 168 | 407 | 1039 |
| Red mullets | 40 | 11 | - | 199 | 250 |
| Polynemids | 184 | 337 | 67 | 351 | 939 |
| Sciaenids | 2425 | 573 | 441 | 2399 | 5838 |
| Ribbon fish | 389 | 391 | 235 | 756 | 1771 |

Table 48 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|---------------|
| <i>Caranx</i> | 132 | 1 | 32 | 268 | 433 |
| <i>Chorinemus</i> | 47 | 10 | 155 | 50 | 262 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | 8 | - | - | 13 | 21 |
| <i>Leiognathus</i> | 14 | 1 | 9 | 20 | 44 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 43 | - | 44 | 2 | 89 |
| Pomfrets | 171 | 232 | 1196 | 2311 | 3910 |
| Mackerel | 77 | - | - | 12110 | 12187 |
| Seer fish | 31 | 1 | 46 | 310 | 388 |
| Tunnies | - | 12 | 147 | 208 | 367 |
| <i>Sphyraena</i> | 3 | - | - | 19 | 22 |
| <i>Mugil</i> | 4 | 75 | 30 | 23 | 132 |
| <i>Bregmaceros</i> | 794 | 72 | - | 5229 | 6095 |
| Soles | 69 | 5 | 10 | 36 | 120 |
| Penaeid prawns | 942 | 393 | 1266 | 6731 | 9332 |
| Non-penaeid prawns | 13158 | 11320 | 799 | 9328 | 34605 |
| Other crustaceans | 13 | 10 | 17 | 8 | 48 |
| Cephalopods | - | - | - | 12 | 12 |
| Miscellaneous | 1180 | 451 | 324 | 836 | 2791 |
| Total | 29987 | 17234 | 13736 | 70891 | 131848 |

Table 49

Quarter-wise landings of marine fishes including trawler catches from Gujarat (in tonnes)
during 1960

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|---------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 3051 | 1936 | 425 | 1823 | 7235 |
| Eels | 107 | 296 | 979 | 1054 | 2436 |
| Cat fishes | 713 | 1200 | 377 | 1136 | 3426 |
| <i>Chirocentrus</i> | 92 | 68 | - | 84 | 244 |

Table 49 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|---------------|
| Oil sardine | - | - | - | - | - |
| Other sardines | - | - | - | - | - |
| <i>Hilsa ilisha</i> | 1537 | 541 | 632 | 227 | 2937 |
| Other <i>Hilsa</i> | 977 | 1898 | 737 | 801 | 4413 |
| <i>Anchoviella</i> | - | - | - | - | - |
| <i>Thrissocles</i> | 9 | 8 | 12 | 6 | 35 |
| Other clupeids | 67 | 51 | 105 | 1657 | 1880 |
| <i>Harpodon nehereus</i> | 1309 | 3691 | 2136 | 70993 | 78129 |
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | - | - | - | - | - |
| Flying fish | - | - | - | - | - |
| Perches | 16 | 60 | 19 | 21 | 116 |
| Red mullets | - | - | - | - | - |
| Polynemids | 3571 | 934 | 9 | 58 | 4572 |
| Sciaenids | 1200 | 506 | 90 | 495 | 2291 |
| Ribbon fish | 44 | 11 | 11 | 140 | 206 |
| <i>Caranx</i> | - | - | 1 | 13 | 14 |
| <i>Chorinemus</i> | 115 | 133 | 83 | 235 | 566 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | - | - | - | - | - |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | - | - | - | - | - |
| Pomfrets | 2841 | 3970 | 103 | 5365 | 12279 |
| Mackerel | - | - | - | - | - |
| Seer fish | 76 | 88 | 96 | 370 | 630 |
| Tunnies | - | - | - | - | - |
| <i>Sphyraena</i> | - | - | - | - | - |
| <i>Mugil</i> | 135 | 212 | 96 | 205 | 648 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | - | 6 | - | - | 6 |
| Penaeid prawns | 310 | 798 | 281 | 3528 | 4917 |
| Non-penaeid prawns | 7 | 13 | 28 | 317 | 365 |
| Other crustaceans | 11 | 12 | - | 2 | 25 |
| Cephalopods | - | - | - | - | - |
| Miscellaneous | 107 | 116 | 68 | 321 | 612 |
| Total | 16295 | 16548 | 6288 | 88851 | 127982 |

Table 50

Quarter-wise landings of marine fishes including trawler catches from West Bengal and Orissa
(in tonnes) during 1961

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 13 | 119 | 58 | 27 | 217 |
| Eels | 4 | 3 | 1 | 2 | 10 |
| Cat fishes | 62 | 38 | 23 | 35 | 158 |
| <i>Chirocentrus</i> | 80 | 65 | 12 | 70 | 227 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 522 | 220 | - | 985 | 1727 |
| <i>Hilsa ilisha</i> | - | - | - | 170 | 170 |
| Other <i>Hilsa</i> | 44 | 4 | - | - | 48 |
| <i>Anchoviella</i> | 145 | 14 | - | 309 | 468 |
| <i>Thrissocles</i> | 10 | 24 | 25 | 4 | 63 |
| Other clupeids | 243 | 78 | 143 | 235 | 699 |
| <i>Harpodon nehereus</i> | 1 | 1 | 96 | 63 | 161 |
| <i>Saurida & Saurus</i> | - | - | - | 8 | 8 |
| <i>Hemirhamphus & Belone</i> | 3 | - | - | 8 | 11 |
| Flying fish | - | - | - | - | - |
| Perches | 52 | 6 | 2 | 93 | 153 |
| Red mullets | 3 | 2 | 3 | 14 | 22 |
| Polynemids | 47 | 1 | 1 | 46 | 95 |
| Sciaenids | 112 | 106 | 38 | 114 | 370 |
| Ribbon fish | 86 | 22 | 118 | 136 | 362 |
| <i>Caranx</i> | 10 | 18 | 6 | 182 | 216 |
| <i>Chorinemus</i> | - | 7 | 1 | 3 | 11 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 142 | 52 | 476 | 106 | 776 |
| <i>Gazza</i> | - | - | 46 | - | 46 |
| <i>Lactarius</i> | 1 | 1 | - | 2 | 4 |
| Pomfrets | 12 | 99 | 45 | 85 | 241 |
| Mackerel | 5 | - | - | 17 | 22 |
| Seer fish | 104 | 46 | 13 | 51 | 214 |

Table 50 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------------|
| Tunnies | - | - | - | 7 | 7 |
| <i>Sphyraena</i> | 1 | 1 | - | 7 | 9 |
| <i>Mugil</i> | - | - | 63 | 5 | 68 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 85 | 9 | - | 56 | 150 |
| Penaeid prawns | 531 | 59 | 424 | 600 | 1614 |
| Non-penaeid prawns | 1 | - | - | - | 1 |
| Other crustaceans | - | - | 3 | 1 | 4 |
| Cephalopods | 1 | 2 | - | 3 | 6 |
| Miscellaneous | 355 | 19 | 105 | 314 | 793 |
| Total | 2675 | 1016 | 1702 | 3758 | 9151 |

Table 51

Quarter-wise landings of marine fishes including trawler catches from Andhra (in tonnes)
during 1961

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1269 | 2451 | 2843 | 1657 | 8220 |
| Eels | 86 | 87 | 724 | 62 | 959 |
| Cat fishes | 600 | 443 | 217 | 298 | 1558 |
| <i>Chirocentrus</i> | 588 | 182 | 247 | 975 | 1992 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 3501 | 490 | 63 | 1837 | 5891 |
| <i>Hilsa ilisha</i> | 26 | 38 | 51 | 34 | 149 |
| Other <i>Hilsa</i> | 1444 | 630 | 624 | 276 | 2974 |
| <i>Anchoviella</i> | 1766 | 121 | 98 | 2382 | 4367 |
| <i>Thrissocles</i> | 295 | 354 | 149 | 200 | 998 |
| Other clupeids | 393 | 310 | 683 | 353 | 1739 |
| <i>Harpodon nehereus</i> | 171 | 40 | 139 | 205 | 555 |
| <i>Saurida & Saurus</i> | 100 | 30 | 16 | 117 | 263 |
| <i>Hemirhamphus & Belone</i> | 1 | 4 | 29 | 12 | 46 |
| Flying fish | - | 2 | - | 10 | 12 |

Table 51 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------------|
| Perches | 761 | 116 | 96 | 277 | 1250 |
| Red mullets | 88 | 13 | 38 | 99 | 238 |
| Polynemids | 73 | 50 | 69 | 112 | 304 |
| Sciaenids | 1929 | 1081 | 561 | 464 | 4035 |
| Ribbon fish | 230 | 660 | 1456 | 1335 | 3681 |
| <i>Caranx</i> | 86 | 628 | 38 | 109 | 861 |
| <i>Chorinemus</i> | 140 | 139 | 87 | 77 | 443 |
| <i>Trachynotus</i> | 2 | - | - | - | 2 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 4 | - | 10 | 5 | 19 |
| <i>Elacate</i> | 2 | 7 | 11 | 21 | 41 |
| <i>Leiognathus</i> | 591 | 574 | 122 | 767 | 2054 |
| <i>Gazza</i> | 33 | 31 | 66 | - | 70 |
| <i>Lactarius</i> | 481 | 451 | 59 | 53 | 1044 |
| Pomfrets | 353 | 253 | 499 | 355 | 1460 |
| Mackerel | 366 | 745 | 7 | 58 | 1176 |
| Seer fish | 523 | 372 | 1087 | 819 | 2801 |
| Tunnies | 20 | 37 | 112 | 40 | 209 |
| <i>Sphyraena</i> | 7 | - | - | 2 | 9 |
| <i>Mugil</i> | 11 | - | - | 1 | 12 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 37 | 23 | 58 | 100 | 218 |
| Penaeid prawns | 523 | 531 | 1245 | 503 | 2802 |
| Non-penaeid prawns | 44 | 83 | 476 | 86 | 689 |
| Other crustaceans | 106 | 21 | 258 | 111 | 496 |
| Cephalopods | - | - | - | - | - |
| Miscellaneous | 319 | 318 | 374 | 318 | 1329 |
| Total | 16969 | 11315 | 12552 | 14130 | 54966 |

Table 52

Quarter-wise landings of marine fishes including trawler catches from Madras (Pondicherry included)
(in tonnes) during 1961

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 2873 | 1755 | 3610 | 1887 | 10125 |
| Eels | 36 | 35 | 46 | 6 | 123 |
| Cat fishes | 769 | 514 | 381 | 475 | 2139 |
| <i>Chirocentrus</i> | 927 | 528 | 731 | 953 | 3139 |
| Oil sardine | - | - | - | 1 | 1 |
| Other sardines | 1299 | 1083 | 1404 | 2560 | 6346 |
| <i>Hilsa ilisha</i> | 44 | 4 | 3 | - | 51 |
| Other <i>Hilsa</i> | 112 | 39 | 13 | 363 | 527 |
| <i>Anchoviella</i> | 3291 | 2137 | 4465 | 938 | 10831 |
| <i>Thrissocles</i> | 428 | 309 | 475 | 376 | 1588 |
| Other clupeids | 884 | 394 | 1240 | 1474 | 3992 |
| <i>Harpodon nehereus</i> | 1 | - | - | - | 1 |
| <i>Saurida & Saurus</i> | 139 | 33 | 268 | 149 | 589 |
| <i>Hemirhamphus & Belone</i> | 18 | 9 | 46 | 24 | 97 |
| Flying fish | 9 | 1103 | 56 | - | 1168 |
| Perches | 983 | 718 | 6425 | 862 | 8988 |
| Red mullets | 351 | 130 | 758 | 97 | 1336 |
| Polynemids | 153 | 202 | 246 | 103 | 704 |
| Sciaenids | 1372 | 1520 | 3596 | 1258 | 7746 |
| Ribbon fish | 363 | 475 | 5985 | 1552 | 8375 |
| <i>Caranx</i> | 786 | 2018 | 11929 | 1424 | 16157 |
| <i>Chorinemus</i> | 801 | 485 | 78 | 84 | 1448 |
| <i>Trachynotus</i> | 3 | 2 | - | 1 | 6 |
| Other carangids | 27 | 82 | 4 | - | 113 |
| <i>Coryphaena</i> | 18 | 64 | 3 | 8 | 93 |
| <i>Elacate</i> | 26 | 37 | 26 | 13 | 102 |
| <i>Leiognathus</i> | 1144 | 2030 | 2027 | 1137 | 6338 |
| <i>Gazza</i> | 41 | 16 | 2 | 26 | 85 |
| <i>Lactarius</i> | 449 | 870 | 3817 | 1039 | 6175 |
| Pomfrets | 455 | 889 | 342 | 352 | 2038 |
| Mackerel | 289 | 185 | 4799 | 334 | 5607 |
| Seer fish | 809 | 617 | 1848 | 1071 | 4345 |

Table 52 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|---------------|----------------|---------------|----------------|--------|
| Tunnies | 54 | 143 | 865 | 572 | 1634 |
| <i>Sphyraena</i> | 251 | 139 | 487 | 214 | 1091 |
| <i>Mugil</i> | 61 | 2 | 2 | 13 | 78 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 157 | 186 | 592 | 171 | 1106 |
| Penaeid prawns | 460 | 510 | 696 | 180 | 1846 |
| Non-penaeid prawns | 49 | 933 | 21 | 5 | 1008 |
| Other crustaceans | 219 | 265 | 312 | 516 | 1312 |
| Cephalopods | 2 | 2 | - | 1 | 5 |
| Miscellaneous | 1295 | 859 | 1630 | 1356 | 5140 |
| Total | 21448 | 21322 | 59228 | 21595 | 123593 |

Table 53

Quarter-wise landings of marine fishes including trawler catches from Kerala (in tonnes)
during 1961

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|--------|
| Elasmobranchs | 1304 | 1641 | 2335 | 3235 | 8515 |
| Eels | 2 | - | - | - | 2 |
| Cat fishes | 309 | 900 | 982 | 923 | 3114 |
| <i>Chirocentrus</i> | 137 | 20 | 2 | 121 | 280 |
| Oil sardine | 66009 | 17968 | 10496 | 71532 | 166005 |
| Other sardines | 2251 | 2012 | 722 | 228 | 5213 |
| <i>Hilsa ilisha</i> | - | - | - | - | - |
| Other <i>Hilsa</i> | - | 119 | - | 4 | 123 |
| <i>Anchoviella</i> | 1811 | 1617 | 1226 | 1458 | 6112 |
| <i>Thrissocles</i> | 13 | 28 | 522 | 67 | 630 |
| Other clupeids | 61 | 55 | 139 | 96 | 351 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | 1 | 1 | - | 3 | 5 |
| <i>Hemirhamphus & Belone</i> | 51 | 1 | - | 76 | 128 |
| Flying fish | - | - | - | - | - |
| Perches | 190 | 82 | 597 | 447 | 1316 |

Table 53 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Red mullets | - | - | 110 | 116 | 226 |
| Polynemids | - | - | 21 | 1 | 22 |
| Sciaenids | 95 | 490 | 1744 | 172 | 2501 |
| Ribbon fish | 5 | 1191 | 2814 | 37 | 4047 |
| <i>Caranx</i> | 226 | 514 | 3153 | 496 | 4389 |
| <i>Chorinemus</i> | 162 | 280 | 32 | 409 | 883 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 26 | - | - | - | 26 |
| <i>Elacate</i> | - | 7 | - | 6 | 13 |
| <i>Leiognathus</i> | 314 | 499 | 5010 | 237 | 6060 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 14 | 1090 | 245 | 77 | 1426 |
| Pomfrets | 60 | 365 | 82 | 152 | 659 |
| Mackerel | 11345 | 2009 | 3358 | 3332 | 20044 |
| Seer fish | 519 | 138 | 1297 | 931 | 2885 |
| Tunnies | 1626 | 1110 | 750 | 1017 | 4503 |
| <i>Sphyraena</i> | 33 | 12 | 184 | 5 | 234 |
| <i>Mugil</i> | 1 | - | 22 | 2 | 25 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 27 | 193 | 3374 | 2288 | 5882 |
| Penaeid prawns | 1069 | 8197 | 7542 | 3819 | 20627 |
| Non-penaeid prawns | 7 | 3 | 23 | - | 43 |
| Other crustaceans | 5 | 29 | 13 | 58 | 105 |
| Cephalopods | 9 | 4 | 2 | 13 | 28 |
| Miscellaneous | 428 | 715 | 357 | 702 | 2202 |
| Total | 88110 | 41300 | 47154 | 92060 | 268624 |

Table 54

Quarter-wise landings of marine fishes including trawler catches from Mysore
(in tonnes) during 1961

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 414 | 49 | 102 | 389 | 954 |
| Eels | - | - | - | - | - |
| Cat fishes | 138 | 23 | 20 | 255 | 436 |
| <i>Chirocentrus</i> | 14 | 2 | 6 | 59 | 81 |
| Oil sardine | - | 55 | 190 | 1172 | 1417 |
| Other sardines | 57 | 185 | 6 | 45 | 293 |
| <i>Hilsa ilisha</i> | - | - | - | - | - |
| Other <i>Hilsa</i> | 14 | - | - | 26 | 40 |
| <i>Anchoviella</i> | 17 | 4 | - | 73 | 94 |
| <i>Thrissocles</i> | 99 | 13 | 64 | 543 | 719 |
| Other clupeids | 83 | 208 | 28 | 77 | 396 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | 34 | 4 | 2 | 28 | 68 |
| Flying fish | - | - | - | - | - |
| Perches | 27 | 2 | 20 | 32 | 81 |
| Red mullets | - | - | - | - | - |
| Polynemids | 1 | 3 | 3 | 5 | 12 |
| Sciaenids | 96 | 15 | 510 | 2085 | 2706 |
| Ribbon fish | 5 | 2 | 24 | 29 | 60 |
| <i>Caranx</i> | 171 | 12 | 21 | 104 | 308 |
| <i>Chorinemus</i> | 4 | 2 | - | 5 | 11 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | 4 | - | - | 2 | 6 |
| <i>Leiognathus</i> | 178 | 14 | 50 | 74 | 316 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 16 | - | 93 | 2 | 111 |
| Pomfrets | 75 | 18 | 1 | 19 | 113 |
| Mackerel | 121 | 26 | 1 | 7128 | 7276 |
| Seer fish | 37 | 4 | 1 | 208 | 250 |

Table 54 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------------|
| Tunnies | - | 3 | - | 225 | 228 |
| <i>Sphyraena</i> | - | 1 | - | 19 | 20 |
| <i>Mugil</i> | 4 | - | - | 9 | 13 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 7 | 7 | - | 293 | 307 |
| Penaeid prawns | 359 | 145 | 184 | 251 | 939 |
| Non-penaeid prawns | - | 10 | - | - | 10 |
| Other crustaceans | 34 | 3 | 7 | 14 | 58 |
| Cephalopods | - | 1 | - | - | 1 |
| Miscellaneous | 323 | 187 | 66 | 213 | 789 |
| Total | 2332 | 998 | 1399 | 13384 | 18113 |

Table 55

Quarter-wise landings of marine fishes including trawler catches from Maharashtra (in tonnes)
during 1961

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 882 | 798 | 363 | 1219 | 3262 |
| Eels | 823 | 2948 | 91 | 6229 | 10091 |
| Cat fishes | 718 | 170 | 208 | 1247 | 2343 |
| <i>Chirocentrus</i> | 225 | 150 | 57 | 473 | 905 |
| Oil sardine | - | - | - | 460 | 460 |
| Other sardines | 38 | 64 | 21 | 143 | 266 |
| <i>Hilsa ilisha</i> | 2 | - | 3 | 169 | 174 |
| Other <i>Hilsa</i> | 7 | 70 | 44 | 167 | 288 |
| <i>Anchoviella</i> | 31 | - | - | 192 | 223 |
| <i>Thrissocles</i> | 70 | 104 | 107 | 648 | 929 |
| Other clupeids | 3716 | 849 | 251 | 2007 | 6883 |
| <i>Harpodon nehereus</i> | 4397 | 5465 | 2369 | 14661 | 26892 |
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | 55 | 52 | 1 | 32 | 140 |
| Flying fish | 16 | - | - | 10 | 26 |
| Perches | 187 | 137 | 151 | 2889 | 3364 |

Table 55 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Red mullets | 8 | - | - | 333 | 341 |
| Polynemids | 247 | 683 | 297 | 331 | 1558 |
| Sciaenids | 1884 | 911 | 547 | 7861 | 11203 |
| Ribbon fish | 665 | 425 | 53 | 1291 | 2434 |
| <i>Caranx</i> | 100 | 69 | 234 | 125 | 528 |
| <i>Chorinemus</i> | 181 | 27 | 13 | 189 | 410 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | 24 | 24 |
| <i>Leiognathus</i> | 44 | 67 | 6 | 90 | 207 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 30 | - | - | 107 | |
| Pomfrets | 854 | 2002 | 169 | 2842 | 5867 |
| Mackerel | 333 | - | 1 | 21 | 55 |
| Seer fish | 20 | 23 | 52 | 394 | 489 |
| Tunnies | 15 | 53 | 110 | 156 | 334 |
| <i>Sphyraena</i> | 3 | - | 2 | 16 | 21 |
| <i>Mugil</i> | 7 | 12 | 17 | 14 | 50 |
| <i>Bregmaceros</i> | 2329 | 250 | 14 | 1286 | 3879 |
| Soles | 4 | 1 | 1 | 55 | 61 |
| Penaeid prawns | 1499 | 561 | 1058 | 5123 | 8241 |
| Non-penaeid prawns | 9586 | 7199 | 1231 | 3728 | 21744 |
| Other crustaceans | 10 | 29 | 2 | 4 | 45 |
| Cephalopods | 1 | 4 | 8 | 40 | 53 |
| Miscellaneous | 471 | 473 | 312 | 802 | 2058 |
| Total | 29458 | 23596 | 7793 | 55378 | 116225 |

Table 56

Quarter-wise landings of marine fishes including trawler catches from Gujarat (in tonnes)
during 1961

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 927 | 352 | 77 | 878 | 2234 |
| Eels | 14 | 2 | - | 179 | 195 |
| Cat fishes | 435 | 190 | 56 | 500 | 1181 |
| <i>Chirocentrus</i> | 7 | 11 | 5 | 100 | 123 |
| Oil sardine | - | - | - | - | - |
| Other sardines | - | - | 11 | - | 11 |
| <i>Hilsa ilisha</i> | 261 | 31 | 56 | 157 | 505 |
| Other <i>Hilsa</i> | 372 | 345 | 1231 | 527 | 2475 |
| <i>Anchoviella</i> | - | 3 | 5 | - | 8 |
| <i>Thrissocles</i> | 2 | 7 | 1 | 7 | 17 |
| Other clupeids | 142 | 17 | 27 | 927 | 1113 |
| <i>Harpodon nehereus</i> | 5426 | 221 | 18 | 60570 | 66235 |
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | - | - | - | - | - |
| Flying fish | - | - | - | - | - |
| Perches | 40 | 55 | 29 | 61 | 185 |
| Red mullets | - | - | - | - | - |
| Polynemids | 598 | 2603 | 7 | 18 | 3226 |
| Sciaenids | 443 | 674 | 12 | 227 | 1356 |
| Ribbon fish | 15 | 33 | - | 510 | 558 |
| <i>Caranx</i> | 2 | 3 | - | 73 | 78 |
| <i>Chorinemus</i> | 56 | 17 | 7 | 232 | 312 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | - | - | - | - | - |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 1 | - | - | - | 1 |
| Pomfrets | 1019 | 1410 | 105 | 3577 | 6111 |
| Mackerel | - | - | - | - | - |
| Seer fish | 94 | 63 | 13 | 287 | 457 |
| Tunnies | - | - | - | 47 | 47 |

Table 56 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| <i>Sphyraena</i> | - | - | - | - | - |
| <i>Mugil</i> | 110 | 102 | 104 | 217 | 533 |
| <i>Bregmaceros</i> | - | - | - | 21 | 21 |
| Soles | - | - | 1 | 3 | 4 |
| Penaeid prawns | 220 | 70 | 669 | 2054 | 3013 |
| Non-penaeid prawns | 38 | 10 | 3 | 139 | 190 |
| Other crustaceans | 3 | 1 | 9 | - | 13 |
| Cephalopods | - | - | - | - | - |
| Miscellaneous | 341 | 147 | 141 | 611 | 1240 |
| Total | 10566 | 6367 | 2587 | 71922 | 91442 |

Table 57

Quarter-wise landings of marine fishes including trawler catches from West Bengal and Orissa
(in tonnes) during 1962

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 23 | 54 | 92 | 24 | 193 |
| Eels | - | - | - | - | - |
| Cat fishes | 19 | 2 | 2 | 113 | 136 |
| <i>Chirocentrus</i> | 43 | 74 | 24 | 32 | 173 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 696 | 329 | 15 | 9 | 1049 |
| <i>Hilsa ilisha</i> | - | - | - | 9 | 9 |
| Other <i>Hilsa</i> | - | 9 | 7 | 1 | 17 |
| <i>Anchoviella</i> | 342 | - | - | 235 | 577 |
| <i>Thrissocles</i> | 6 | 24 | 15 | 1 | 46 |
| Other clupeids | 149 | 61 | 219 | 177 | 606 |
| <i>Harpodon nehereus</i> | 20 | - | 4 | 136 | 160 |
| <i>Saurida & Saurus</i> | 1 | - | - | 1 | 2 |
| <i>Hemirhamphus & Belone</i> | 1 | - | - | 2 | 3 |
| Flying fish | - | - | - | - | - |
| Perches | 74 | 14 | 2 | 10 | 100 |
| Red mullets | 7 | 4 | 3 | 4 | 18 |

Table 57 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Polynemids | 3 | - | - | - | 3 |
| Sciaenids | 194 | 217 | 94 | 252 | 757 |
| Ribbon fish | 65 | 12 | 336 | 180 | 593 |
| <i>Caranx</i> | 8 | 13 | 20 | 49 | 90 |
| <i>Chorinemus</i> | - | 1 | 5 | 11 | 17 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | 1 | 1 | 2 |
| <i>Leiognathus</i> | 78 | 362 | 5 | 28 | 473 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 3 | 3 | 2 | 4 | 12 |
| Pomfrets | 8 | 66 | 52 | 32 | 158 |
| Mackerel | 1 | 3 | - | 13 | 17 |
| Seer fish | 76 | 22 | 21 | 20 | 139 |
| Tunnies | 13 | - | 2 | 1 | 16 |
| <i>Sphyraena</i> | 1 | - | - | 1 | 2 |
| <i>Mugil</i> | - | - | - | - | - |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 58 | - | - | 48 | 106 |
| Penaeid prawns | 397 | 63 | 91 | 1631 | 2182 |
| Non-penaeid prawns | - | - | 24 | 3 | 27 |
| Other crustaceans | - | - | - | - | - |
| Cephalopods | 4 | 8 | - | - | 12 |
| Miscellaneous | 182 | 31 | 96 | 383 | 692 |
| Total | 2472 | 1372 | 1132 | 2411 | 8387 |

Table 58

Quarter-wise landings of marine fishes including trawler catches from Andhra (in tonnes)
during 1962

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 2365 | 2379 | 1603 | 1111 | 7458 |
| Eels | 118 | 315 | 117 | 132 | 682 |
| Cat fishes | 850 | 479 | 497 | 866 | 2692 |
| <i>Chirocentrus</i> | 467 | 210 | 220 | 360 | 1257 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 3709 | 2964 | 38 | 1072 | 7783 |
| <i>Hilsa ilisha</i> | 22 | 5 | - | - | 27 |
| Other <i>Hilsa</i> | 1998 | 1769 | 280 | 282 | 4329 |
| <i>Anchoviella</i> | 1432 | 291 | 147 | 3183 | 5053 |
| <i>Thrissocles</i> | 752 | 376 | 105 | 70 | 1303 |
| Other clupeids | 627 | 258 | 354 | 231 | 1470 |
| <i>Harpodon nehereus</i> | 128 | - | 106 | 251 | 485 |
| <i>Saurida & Saurus</i> | 44 | 16 | 7 | 41 | 108 |
| <i>Hemirhamphus & Belone</i> | 1 | - | - | 8 | 9 |
| Flying fish | - | - | 4 | 24 | 28 |
| Perches | 766 | 251 | 123 | 75 | 1215 |
| Red mullets | 247 | 141 | 47 | 90 | 525 |
| Polynemids | 46 | 165 | 97 | 95 | 403 |
| Sciaenids | 1870 | 932 | 630 | 531 | 5963 |
| Ribbon fish | 910 | 987 | 598 | 481 | 2976 |
| <i>Caranx</i> | 24 | 42 | 171 | 236 | 473 |
| <i>Chorinemus</i> | 419 | 394 | 170 | 149 | 1132 |
| <i>Trachynotus</i> | 1 | 3 | - | - | 4 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 9 | 56 | 6 | - | 71 |
| <i>Elacate</i> | 14 | - | 2 | 40 | 56 |
| <i>Leiognathus</i> | 623 | 711 | 218 | 531 | 2083 |
| <i>Gazza</i> | 2 | - | 2 | 15 | 19 |
| <i>Lactarius</i> | 117 | 159 | 70 | 278 | 624 |
| Pomfrets | 2064 | 977 | 395 | 323 | 3759 |
| Mackerel | 456 | 144 | 1 | - | 601 |
| Seer fish | 1516 | 1432 | 640 | 759 | 4347 |

Table 58 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|---------------|----------------|---------------|----------------|-------|
| Tunnies | 57 | 734 | 117 | 86 | 994 |
| <i>Sphyraena</i> | 47 | 17 | 2 | 13 | 79 |
| <i>Mugil</i> | 1 | - | - | 5 | 6 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 39 | 58 | 41 | 24 | 162 |
| Penaeid prawns | 82 | 264 | 846 | 130 | 1322 |
| Non-penaeid prawns | 47 | 40 | 123 | 164 | 374 |
| Other crustaceans | 16 | 9 | 86 | 102 | 213 |
| Cephalopods | - | 3 | 1 | 1 | 5 |
| Miscellaneous | 741 | 390 | 431 | 869 | 2431 |
| Total | 22627 | 16971 | 8295 | 12628 | 60521 |

Table 59

Quarter-wise landings of marine fishes including trawler catches from Mysore (in tonnes)
during 1962

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 290 | 163 | 693 | 604 | 1750 |
| Eels | - | - | - | - | - |
| Cat fishes | 85 | 118 | 111 | 170 | 484 |
| <i>Chirocentrus</i> | 30 | - | 26 | 31 | 87 |
| Oil sardine | 4580 | 63 | 290 | 9167 | 14100 |
| Other sardines | 58 | 10 | 37 | 133 | 238 |
| <i>Hilsa ilisha</i> | - | - | - | 53 | 53 |
| Other <i>Hilsa</i> | 38 | 9 | - | - | 47 |
| <i>Anchoviella</i> | 2 | 9 | - | 75 | 86 |
| <i>Thrissocles</i> | 125 | 4 | 73 | 6 | 208 |
| Other clupeids | 124 | 10 | 123 | 32 | 289 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | 6 | 2 | - | 12 | 20 |
| Flying fish | - | - | - | - | - |

Table 59 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------------|
| Perches | 31 | 4 | 18 | 89 | 142 |
| Red mullets | - | - | - | - | - |
| Polynemids | 22 | - | 40 | 3 | 65 |
| Sciaenids | 242 | 95 | 5915 | 43 | 6295 |
| Ribbon fish | 13 | 9 | 605 | 42 | 669 |
| <i>Caranx</i> | 39 | 4 | 63 | 105 | 211 |
| <i>Chorinemus</i> | 1 | 7 | 6 | 3 | 17 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | 17 | - | - | 7 | 24 |
| <i>Leiognathus</i> | 94 | 101 | 3345 | 206 | 3746 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | - | 1 | 229 | 4 | 234 |
| Pomfrets | 10 | 2 | 1 | 123 | 136 |
| Mackerel | - | - | - | 11446 | 11446 |
| Seer fish | 4 | 15 | 21 | 194 | 234 |
| Tunnies | - | - | - | - | - |
| <i>Sphyraena</i> | - | - | 1 | - | 1 |
| <i>Mugil</i> | 2 | 1 | - | - | 3 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 1 | 2 | 169 | 33 | 205 |
| Penaeid prawns | 351 | 237 | 992 | 1254 | 2834 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | 2 | 15 | 8 | 10 | 35 |
| Cephalopods | - | - | - | 7 | 7 |
| Miscellaneous | 445 | 319 | 262 | 436 | 1462 |
| Total | 6612 | 1200 | 13028 | 24288 | 45128 |

Table 60

Quarter-wise landings of marine fishes including trawler catches from Kerala (in tonnes)
during 1962

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1380 | 623 | 618 | 721 | 3342 |
| Eels | - | - | - | 3 | 3 |
| Cat fishes | 162 | 368 | 124 | 1049 | 1703 |
| <i>Chirocentrus</i> | 42 | 7 | 8 | 122 | 179 |
| Oil sardine | 35070 | 5583 | 4858 | 45692 | 91203 |
| Other sardines | 731 | 309 | 416 | 2433 | 3889 |
| <i>Hilsa ilisha</i> | - | - | - | - | - |
| Other <i>Hilsa</i> | 5 | 1 | 56 | 1 | 63 |
| <i>Anchoviella</i> | 496 | 292 | 2600 | 1843 | 5231 |
| <i>Thrissocles</i> | 3 | 125 | 578 | 430 | 1136 |
| Other clupeids | 42 | 84 | 379 | 737 | 1242 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | 14 | 6 | 316 | 3 | 339 |
| <i>Hemirhamphus & Belone</i> | 9 | - | - | 7 | 16 |
| Flying fish | - | - | - | - | - |
| Perches | 232 | 42 | 194 | 445 | 913 |
| Red mullets | - | 24 | 499 | 3 | 526 |
| Polynemids | - | - | 14 | 23 | 37 |
| Sciaenids | 128 | 141 | 274 | 685 | 1228 |
| Ribbon fish | 4 | 22 | 568 | 43 | 637 |
| <i>Caranx</i> | 312 | 58 | 551 | 308 | 1229 |
| <i>Chorinemus</i> | 37 | 44 | 1 | 127 | 209 |
| <i>Trachynotus</i> | - | - | - | 2 | 2 |
| Other carangids | - | 1 | 7 | 2 | 10 |
| <i>Coryphaena</i> | 40 | - | - | - | 40 |
| <i>Elacate</i> | 4 | - | - | 7 | 11 |
| <i>Leiognathus</i> | 245 | 188 | 4525 | 327 | 5285 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 15 | 167 | 1168 | 59 | 1409 |
| Pomfrets | 11 | 6 | 110 | 9424 | 9551 |
| Mackerel | 1357 | 274 | 298 | 10009 | 11938 |
| Seer fish | 248 | 54 | 111 | 1120 | 1533 |

Table 60 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|---------------|----------------|---------------|----------------|---------------|
| Tunnies | 218 | 239 | 70 | 196 | 723 |
| <i>Sphyraena</i> | 14 | 1 | 31 | 8 | 554 |
| <i>Mugil</i> | 15 | 10 | 2 | 23 | 50 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 21 | 32 | 1207 | 14929 | 16189 |
| Penaeid prawns | 877 | 3472 | 14584 | 10755 | 29688 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | 6 | 6 | 7 | 3 | 22 |
| Cephalopods | 1 | - | 8 | 8 | 17 |
| Miscellaneous | 745 | 559 | 298 | 1221 | 2823 |
| Total | 42484 | 12738 | 34480 | 102768 | 192470 |

Table 60

Quarter-wise landings of marine fishes including trawler catches from Madras (in tonnes)
during 1962

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 2543 | 2793 | 4884 | 1390 | 11610 |
| Eels | 49 | 94 | 7 | 117 | 267 |
| Cat fishes | 684 | 926 | 999 | 1076 | 3685 |
| <i>Chirocentrus</i> | 2573 | 1404 | 1071 | 1203 | 6251 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 1758 | 1086 | 1609 | 1394 | 5847 |
| <i>Hilsa ilisha</i> | 26 | 23 | 24 | 121 | 194 |
| Other <i>Hilsa</i> | 693 | 39 | 14 | 194 | 940 |
| <i>Anchoviella</i> | 1235 | 1384 | 3331 | 1911 | 7861 |
| <i>Thrissocles</i> | 835 | 665 | 390 | 649 | 2539 |
| Other clupeids | 1993 | 479 | 513 | 546 | 3531 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | 362 | 145 | 125 | 202 | 834 |
| <i>Hemirhamphus & Belone</i> | 9 | 8 | 2 | 64 | 83 |
| Flying fish | 1 | 3383 | 740 | - | 4124 |

Table 61 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Perches | 937 | 1080 | 649 | 540 | 3206 |
| Red mullets | 63 | 17 | 56 | 58 | 194 |
| Polynemids | 215 | 393 | 120 | 97 | 825 |
| Sciaenids | 2039 | 1488 | 1329 | 1294 | 6150 |
| Ribbon fish | 1829 | 1148 | 7477 | 3192 | 13646 |
| <i>Caranx</i> | 1389 | 1068 | 1453 | 1246 | 5156 |
| <i>Chorinemus</i> | 634 | 711 | 219 | 265 | 1829 |
| <i>Trachynotus</i> | - | 4 | 2 | 1 | 7 |
| Other carangids | 185 | 340 | 1 | 1 | 527 |
| <i>Coryphaena</i> | 20 | 23 | 15 | 3 | 61 |
| <i>Elacate</i> | 33 | 69 | 19 | 20 | 141 |
| <i>Leiognathus</i> | 2031 | 1237 | 1596 | 1511 | 6375 |
| <i>Gazza</i> | 21 | 1 | 1 | 122 | 145 |
| <i>Lactarius</i> | 1024 | 308 | 822 | 3136 | 5290 |
| Pomfrets | 653 | 308 | 1015 | 524 | 2500 |
| Mackerel | 1534 | 1230 | 279 | 72 | 3115 |
| Seer fish | 1428 | 789 | 803 | 936 | 3956 |
| Tunnies | 97 | 60 | 60 | 46 | 263 |
| <i>Sphyraena</i> | 415 | 149 | 206 | 208 | 978 |
| <i>Mugil</i> | 210 | 12 | 2 | 8 | 232 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 283 | 222 | 320 | 123 | 948 |
| Penaeid prawns | 800 | 346 | 808 | 587 | 2541 |
| Non-penaeid prawns | - | - | 2 | 8 | 10 |
| Other crustaceans | 310 | 162 | 128 | 155 | 755 |
| Cephalopods | 2 | - | - | - | 2 |
| Miscellaneous | 1240 | 884 | 758 | 2122 | 5004 |
| Total | 30153 | 24478 | 31849 | 25142 | 111622 |

Table 62

Quarter-wise landings of marine fishes including trawler catches from Maharashtra (in tonnes)
during 1962

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 955 | 924 | 293 | 994 | 3166 |
| Eels | 2051 | 879 | 101 | 4539 | 7570 |
| Cat fishes | 771 | 477 | 174 | 1035 | 2457 |
| <i>Chirocentrus</i> | 238 | 164 | 39 | 307 | 748 |
| Oil sardine | 5 | - | - | 4990 | 4995 |
| Other sardines | 100 | 12 | 441 | 136 | 689 |
| <i>Hilsa ilisha</i> | 2 | 1 | 5 | 168 | 176 |
| Other <i>Hilsa</i> | - | 30 | 6 | 143 | 179 |
| <i>Anchoviella</i> | 164 | 3 | 1 | 168 | 336 |
| <i>Thrissocles</i> | 120 | 26 | 22 | 444 | 612 |
| Other clupeids | 1703 | 1288 | 175 | 862 | 4028 |
| <i>Harpodon nehereus</i> | 3590 | 5562 | 1451 | 18232 | 28835 |
| <i>Saurida & Saurus</i> | 6 | 10 | - | 8 | 24 |
| <i>Hemirhamphus & Belone</i> | 11 | - | - | 1 | 12 |
| Flying fish | 2 | - | - | - | 2 |
| Perches | 181 | 153 | 83 | 2809 | 3226 |
| Red mullets | - | - | - | 333 | 333 |
| Polynemids | 149 | 258 | 50 | 282 | 739 |
| Sciaenids | 1302 | 769 | 392 | 7173 | 9636 |
| Ribbon fish | 420 | 273 | 337 | 1050 | 1780 |
| <i>Caranx</i> | 61 | 3 | 22 | 30 | 116 |
| <i>Chorinemus</i> | 116 | 24 | 3 | - | 143 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | 2 | - | - | 19 | 21 |
| <i>Leiognathus</i> | 73 | 54 | 3 | - | 130 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 3 | - | 4 | 77 | 84 |
| Pomfrets | 468 | 817 | 514 | 2250 | 4049 |
| Mackerel | - | - | - | 1971 | 1971 |
| Seer fish | 133 | 16 | 21 | 287 | 457 |

Table 62 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|---------------|
| Tunnies | - | 14 | 96 | 41 | 151 |
| <i>Sphyraena</i> | - | - | - | - | - |
| <i>Mugil</i> | 9 | 64 | 29 | 3 | 105 |
| <i>Bregmaceros</i> | 535 | 612 | 10 | 2005 | 3162 |
| Soles | 12 | 11 | 1 | 1 | 25 |
| Penaeid prawns | 1207 | 1225 | 799 | 4954 | 8185 |
| Non-penaeid prawns | 11868 | 17480 | 794 | 3583 | 33725 |
| Other crustaceans | 2 | - | - | - | 2 |
| Cephalopods | - | 19 | 1 | 33 | 53 |
| Miscellaneous | 1926 | 3182 | 330 | 596 | 6034 |
| Total | 28185 | 34350 | 5897 | 59524 | 127956 |

Table 63

Quarter-wise landings of marine fishes including trawler catches from Gujarat (in tonnes)
during 1962

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 788 | 180 | 134 | 12109 | 13211 |
| Eels | 62 | 18 | 3 | 261 | 344 |
| Cat fishes | 455 | 181 | 135 | 7379 | 8150 |
| <i>Chirocentrus</i> | 28 | 9 | 18 | 171 | 226 |
| Oil sardine | - | - | - | 2 | 2 |
| Other sardines | 37 | - | 3 | - | 40 |
| <i>Hilsa ilisha</i> | 64 | 7 | 201 | 918 | 1190 |
| Other <i>Hilsa</i> | 218 | 491 | 1442 | 1315 | 3466 |
| <i>Anchoviella</i> | - | 8 | - | - | 8 |
| <i>Thrissocles</i> | - | 2 | - | 25 | 27 |
| Other clupeids | 93 | 22 | 21 | 752 | 888 |
| <i>Harpodon nehereus</i> | 28006 | 324 | 176 | 25948 | 54454 |
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | - | - | - | 2 | 2 |
| Flying fish | - | - | - | - | - |
| Perches | 11 | 64 | 12 | 32 | 119 |

Table 63 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Red mullets | - | - | - | - | - |
| Polynemids | 579 | 72 | 15 | 64 | 730 |
| Sciaenids | 1641 | 226 | 21 | 2522 | 4410 |
| Ribbon fish | 33 | 9 | 1 | 242 | 285 |
| <i>Caranx</i> | 33 | 2 | 6 | 32 | 73 |
| <i>Chorinemus</i> | 55 | 32 | 15 | 67 | 169 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 1 | - | - | 2 | 3 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 2 | 1 | - | - | 3 |
| Pomfrets | 465 | 173 | 231 | 4652 | 5521 |
| Mackerel | - | - | - | - | - |
| Seer fish | 113 | 37 | 31 | 67 | 248 |
| Tunnies | 13 | - | - | 4 | 17 |
| <i>Sphyraena</i> | - | - | - | 3 | 3 |
| <i>Mugil</i> | 86 | 156 | 146 | 94 | 482 |
| <i>Bregmaceros</i> | 2 | - | - | - | 2 |
| Soles | 1 | 3 | 2 | 4 | 10 |
| Penaeid prawns | 371 | 157 | 121 | 849 | 1498 |
| Non-penaeid prawns | 86 | 11 | 1 | 750 | 848 |
| Other crustaceans | - | 2 | 2 | - | 4 |
| Cephalopods | - | - | - | 1 | 1 |
| Miscellaneous | 535 | 91 | 155 | 612 | 1393 |
| Total | 33778 | 2278 | 2892 | 58879 | 97827 |

Table 64

Quarter-wise landings of marine fishes including trawler catches from West Bengal and Orissa
(in tonnes) during 1963

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 25 | 53 | 78 | 20 | 176 |
| Eels | 1 | 1 | - | 1 | 3 |
| Cat fishes | 88 | 94 | 33 | 33 | 248 |
| <i>Chirocentrus</i> | 24 | 32 | 21 | 33 | 110 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 86 | 252 | - | 594 | 932 |
| <i>Hilsa ilisha</i> | 43 | 61 | - | 79 | 183 |
| Other <i>Hilsa</i> | - | - | 2 | - | 2 |
| <i>Anchoviella</i> | 21 | 111 | - | 400 | 532 |
| <i>Thrissocles</i> | 22 | 136 | 40 | 23 | 221 |
| Other clupeids | 71 | 86 | 62 | 140 | 359 |
| <i>Harpodon nehereus</i> | 137 | 163 | 18 | 161 | 479 |
| <i>Saurida & Saurus</i> | 2 | 2 | - | 1 | 5 |
| <i>Hemirhamphus & Belone</i> | 1 | 2 | - | 6 | 9 |
| Flying fish | - | - | - | - | - |
| Perches | 15 | 17 | - | 5 | 37 |
| Red mullets | 1 | 1 | 6 | - | 8 |
| Polynemids | - | - | 2 | 1 | 3 |
| Sciaenids | 191 | 270 | 127 | 275 | 863 |
| Ribbon fish | 98 | 169 | 378 | 111 | 756 |
| <i>Caranx</i> | 18 | 48 | 47 | 41 | 154 |
| <i>Chorinemus</i> | 1 | 1 | 8 | 1 | 11 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | 1 | 2 | - | 2 | 5 |
| <i>Leiognathus</i> | 13 | 317 | 65 | 722 | 467 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 15 | 27 | 1 | 5 | 48 |
| Pomfrets | 46 | 121 | 49 | 9 | 225 |
| Mackerel | 4 | 4 | - | 12 | 20 |
| Seer fish | 22 | 29 | 34 | 58 | 143 |

Table 64 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|---------------|----------------|---------------|----------------|--------------|
| Tunnies | 50 | 50 | 1 | 21 | 122 |
| <i>Sphyraena</i> | 3 | 3 | - | 3 | 9 |
| <i>Mugil</i> | - | - | - | 5 | 5 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 26 | 26 | 12 | 55 | 119 |
| Penaeid prawns | 1261 | 1444 | 280 | 791 | 3776 |
| Non-penaeid prawns | - | 9 | 8 | - | 17 |
| Other crustaceans | - | - | - | - | - |
| Cephalopods | - | 1 | - | - | 1 |
| Miscellaneous | 333 | 399 | 62 | 334 | 1128 |
| Total | 2619 | 3931 | 1334 | 3292 | 11176 |

Table 65

Quarter-wise landings of marine fishes including trawler catches from Andhra (in tonnes)
during 1963

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 989 | 1212 | 5155 | 572 | 7928 |
| Eels | 81 | 349 | 377 | 69 | 876 |
| Cat fishes | 638 | 747 | 661 | 211 | 2257 |
| <i>Chirocentrus</i> | 431 | 257 | 287 | 361 | 1336 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 5355 | 564 | 123 | 1186 | 7228 |
| <i>Hilsa ilisha</i> | 2 | 55 | 4 | - | 61 |
| Other <i>Hilsa</i> | 98 | 219 | 971 | 159 | 1447 |
| <i>Anchoviella</i> | 3093 | 311 | 674 | 1562 | 5640 |
| <i>Thrissocles</i> | 389 | 509 | 201 | 742 | 1841 |
| Other clupeids | 290 | 334 | 727 | 570 | 1921 |
| <i>Harpodon nehereus</i> | 282 | 40 | 45 | 788 | 1155 |
| <i>Saurida & Saurus</i> | 30 | 24 | 74 | 76 | 204 |
| <i>Hemirhamphus & Belone</i> | - | - | 28 | 28 | 56 |
| Flying fish | - | - | 10 | - | 10 |
| Perches | 675 | 156 | 109 | 109 | 1049 |

Table 65 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Red mullets | 337 | 235 | 385 | 226 | 1183 |
| Polynemids | 686 | 101 | 200 | 115 | 1102 |
| Sciaenids | 647 | 1092 | 899 | 789 | 3427 |
| Ribbon fish | 283 | 937 | 1006 | 568 | 2794 |
| <i>Caranx</i> | 460 | 667 | 484 | 498 | 2109 |
| <i>Chorinemus</i> | 86 | 138 | 378 | 63 | 665 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | 7 | 7 |
| <i>Elacate</i> | 6 | 27 | 9 | 1 | 43 |
| <i>Leiognathus</i> | 2171 | 504 | 605 | 700 | 3980 |
| <i>Gazza</i> | 33 | - | - | - | 33 |
| <i>Lactarius</i> | 713 | 418 | 263 | 234 | 1628 |
| Pomfrets | 283 | 741 | 1026 | 244 | 2294 |
| Mackerel | 467 | 78 | 94 | 524 | 1163 |
| Seer fish | 646 | 955 | 1095 | 302 | 2998 |
| Tunnies | 23 | 63 | 512 | 30 | 628 |
| <i>Sphyraena</i> | 39 | 69 | - | 2 | 110 |
| <i>Mugil</i> | 31 | 203 | 39 | 12 | 285 |
| <i>Bregmaceros</i> | 8 | - | - | - | 8 |
| Soles | 17 | 10 | 132 | 29 | 188 |
| Penaeid prawns | 450 | 1489 | 1307 | 237 | 3483 |
| Non-penaeid prawns | 335 | 255 | 72 | 218 | 880 |
| Other crustaceans | 47 | 14 | 729 | 63 | 853 |
| Cephalopods | 2 | - | 4 | 4 | 10 |
| Miscellaneous | 594 | 392 | 542 | 505 | 2033 |
| Total | 20717 | 13165 | 19227 | 11804 | 64913 |

Table 66

Quarter-wise landings of marine fishes including trawler catches from Madras (Pondicherry included)
(in tonnes) during 1963

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1986 | 2105 | 4407 | 2284 | 10782 |
| Eels | 21 | 122 | 72 | 2 | 217 |
| Cat fishes | 457 | 714 | 1232 | 975 | 3378 |
| <i>Chirocentrus</i> | 1536 | 957 | 820 | 1051 | 4364 |
| Oil sardine | - | - | - | 1 | 1 |
| Other sardines | 1410 | 1383 | 2632 | 2694 | 8119 |
| <i>Hilsa ilisha</i> | 2 | - | 51 | 28 | 81 |
| Other <i>Hilsa</i> | 889 | 116 | 87 | 413 | 1505 |
| <i>Anchoviella</i> | 1181 | 2495 | 3535 | 2787 | 9998 |
| <i>Thrissocles</i> | 348 | 308 | 199 | 155 | 1010 |
| Other clupeids | 400 | 180 | 1141 | 587 | 2308 |
| <i>Harpodon nehereus</i> | - | - | 5 | - | 5 |
| <i>Saurida & Saurus</i> | 148 | 4 | 128 | 60 | 340 |
| <i>Hemirhamphus & Belone</i> | 656 | 1947 | 71 | 360 | 3034 |
| Flying fish | 1 | 765 | 185 | - | 951 |
| Perches | 1033 | 917 | 1293 | 997 | 4240 |
| Red mullets | 152 | 36 | 151 | 70 | 409 |
| Polynemids | 124 | 140 | 226 | 211 | 701 |
| Sciaenids | 1377 | 1440 | 1296 | 889 | 5002 |
| Ribbon fish | 845 | 574 | 5005 | 2177 | 8601 |
| <i>Caranx</i> | 969 | 2943 | 2988 | 2869 | 9769 |
| <i>Chorinemus</i> | 679 | 435 | 333 | 161 | 1608 |
| <i>Trachynotus</i> | 7 | - | - | - | 7 |
| Other carangids | - | - | 4 | - | 4 |
| <i>Coryphaena</i> | 2 | 1 | - | - | 3 |
| <i>Elacate</i> | 19 | 20 | 4 | 8 | 51 |
| <i>Leiognathus</i> | 1200 | 1621 | 2499 | 1650 | 6970 |
| <i>Gazza</i> | 21 | - | 13 | 18 | 52 |
| <i>Lactarius</i> | 444 | 901 | 1615 | 1287 | 4247 |
| Pomfrets | 245 | 403 | 1061 | 317 | 2026 |
| Mackerel | 126 | 776 | 1427 | 766 | 3095 |
| Seer fish | 870 | 269 | 629 | 952 | 2720 |

Table 66 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|---------------|----------------|---------------|----------------|---------------|
| Tunnies | 49 | 293 | 154 | 89 | 585 |
| <i>Sphyraena</i> | 122 | 118 | 511 | 144 | 895 |
| <i>Mugil</i> | 100 | 146 | 171 | 164 | 581 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 119 | 119 | 90 | 83 | 411 |
| Penaeid prawns | 771 | 285 | 1300 | 913 | 3269 |
| Non-penaeid prawns | 47 | 12 | 31 | 11 | 101 |
| Other crustaceans | 119 | 334 | 193 | 412 | 1058 |
| Cephalopods | 2 | 19 | 7 | 1 | 29 |
| Miscellaneous | 1816 | 658 | 2468 | 2133 | 7075 |
| Total | 20293 | 23556 | 38034 | 27719 | 109602 |

Table 67

Quarter-wise landings of marine fishes including trawler catches from Kerala (in tonnes)
during 1963

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 3872 | 2209 | 1349 | 3079 | 10509 |
| Eels | 6 | - | - | - | 6 |
| Cat fishes | 815 | 580 | 250 | 362 | 2007 |
| <i>Chirocentrus</i> | 128 | 33 | 62 | 269 | 492 |
| Oil sardine | 26844 | 6750 | 3560 | 21796 | 58950 |
| Other sardines | 1934 | 941 | 1521 | 4914 | 9310 |
| <i>Hilsa ilisha</i> | - | - | - | 6 | 6 |
| Other <i>Hilsa</i> | 16 | 206 | 34 | 54 | 310 |
| <i>Anchoviella</i> | 236 | 614 | 4515 | 6719 | 12084 |
| <i>Thrissocles</i> | 106 | 203 | 414 | 373 | 1096 |
| Other clupeids | 364 | 105 | 1052 | 291 | 1812 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | 6 | 18 | 24 | 30 | 78 |
| <i>Hemirhamphus & Belone</i> | 73 | 55 | - | 13 | 141 |
| Flying fish | 1 | - | - | - | 1 |

Table 67 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Perches | 268 | 65 | 37 | 461 | 831 |
| Red mullets | 65 | 178 | 158 | 156 | 557 |
| Polynemids | 12 | 16 | 135 | 77 | 240 |
| Sciaenids | 366 | 442 | 507 | 359 | 1674 |
| Ribbon fish | 18 | 214 | 1043 | 4 | 1279 |
| <i>Caranx</i> | 225 | 405 | 1811 | 1903 | 4344 |
| <i>Chorinemus</i> | 99 | 40 | - | 342 | 481 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 12 | - | - | 2 | 14 |
| <i>Elacate</i> | 13 | 31 | - | 8 | 52 |
| <i>Leiognathus</i> | 201 | 260 | 3902 | 185 | 4548 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 85 | 720 | 1097 | 267 | 2169 |
| Pomfrets | 673 | 248 | 203 | 127 | 1251 |
| Mackerel | 3413 | 703 | 16711 | 28090 | 48917 |
| Seer fish | 252 | 13 | 43 | 1279 | 1587 |
| Tunnies | 1294 | 290 | 142 | 560 | 2286 |
| <i>Sphyraena</i> | 12 | 70 | 32 | 90 | 204 |
| <i>Mugil</i> | 43 | 19 | 4 | 70 | 136 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 662 | 165 | 4054 | 2604 | 7485 |
| Penaeid prawns | 3343 | 4935 | 4553 | 9397 | 22228 |
| Non-penaeid prawns | - | 76 | - | - | 76 |
| Other crustaceans | 53 | 31 | 6 | - | 90 |
| Cephalopods | 115 | 34 | 18 | 13 | 180 |
| Miscellaneous | 2545 | 919 | 588 | 1759 | 5811 |
| Total | 48170 | 21588 | 47825 | 85659 | 203242 |

Table 68

Quarter-wise landings of marine fishes including trawler catches from Mysore (in tonnes)
during 1963

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 401 | 269 | 590 | 1772 | 3032 |
| Eels | - | - | - | - | - |
| Cat fishes | 179 | 92 | 95 | 148 | 5544 |
| <i>Chirocentrus</i> | 30 | - | 54 | 115 | 199 |
| Oil sardine | 633 | 2 | - | 2404 | 3039 |
| Other sardines | 245 | 786 | 54 | 246 | 1331 |
| <i>Hilsa ilisha</i> | 22 | 63 | - | 46 | 131 |
| Other <i>Hilsa</i> | - | - | - | 249 | 249 |
| <i>Anchoviella</i> | 68 | 13 | 30 | 145 | 256 |
| <i>Thrissocles</i> | 37 | 10 | 276 | 217 | 540 |
| Other clupeids | 75 | 46 | 635 | 133 | 889 |
| <i>Harpodon nehereus</i> | - | - | 18 | - | 18 |
| <i>Saurida & Saurus</i> | 1 | 7 | - | 1 | 9 |
| <i>Hemirhamphus & Belone</i> | 41 | 12 | 11 | 19 | 83 |
| Flying fish | - | - | - | - | - |
| Perches | 26 | 17 | 107 | 106 | 256 |
| Red mullets | 13 | - | - | - | 13 |
| Polynemids | 2 | 11 | 70 | 32 | 115 |
| Sciaenids | 61 | 47 | 803 | 285 | 1196 |
| Ribbon fish | 1 | 11 | 154 | 5 | 171 |
| <i>Caranx</i> | 120 | 45 | 236 | 189 | 590 |
| <i>Chorinemus</i> | 14 | 4 | 11 | 23 | 52 |
| <i>Trachynotus</i> | - | 1 | - | - | 1 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | 2 | - | 1 | 12 | 15 |
| <i>Leiognathus</i> | 27 | 104 | 1145 | 269 | 1545 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 5 | 4 | 468 | 21 | 498 |
| Pomfrets | 91 | 31 | 81 | 107 | 310 |
| Mackerel | 837 | 192 | 414 | 17689 | 19132 |
| Seer fish | 50 | 18 | 9 | 356 | 433 |

Table 68 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------------|
| Tunnies | - | - | - | 80 | 80 |
| <i>Sphyraena</i> | - | 6 | 8 | 4 | 18 |
| <i>Mugil</i> | 1 | 10 | 7 | 1 | 19 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 1 | 9 | 478 | 64 | 552 |
| Penaeid prawns | 543 | 366 | 333 | 186 | 1428 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | 5 | 13 | 8 | 14 | 40 |
| Cephalopods | 1 | - | 11 | 1 | 13 |
| Miscellaneous | 1077 | 781 | 128 | 483 | 2409 |
| Total | 4549 | 2970 | 6235 | 25422 | 39176 |

Table 69

Quarter-wise landings of marine fishes including trawler catches from Maharashtra (in tonnes)
during 1963

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 901 | 1468 | 294 | 1360 | 4023 |
| Eels | 2173 | 225 | 88 | 4451 | 6937 |
| Cat fishes | 679 | 1723 | 226 | 1832 | 4460 |
| <i>Chirocentrus</i> | 311 | 7 | 6 | 439 | 763 |
| Oil sardine | 195 | - | - | 1461 | 1656 |
| Other sardines | 42 | 4 | 35 | 149 | 230 |
| <i>Hilsa ilisha</i> | 4 | 2 | 3 | 148 | 157 |
| Other <i>Hilsa</i> | 14 | 100 | 50 | 141 | 305 |
| <i>Anchoviella</i> | 26 | 6 | 1 | 112 | 145 |
| <i>Thrissocles</i> | 106 | 140 | 335 | 352 | 933 |
| Other clupeids | 1768 | 875 | 206 | 2392 | 5241 |
| <i>Harpodon nehereus</i> | 3753 | 6248 | 1013 | 13310 | 24324 |
| <i>Saurida & Saurus</i> | 8 | 10 | 3 | 3 | 24 |
| <i>Hemirhamphus & Belone</i> | 11 | - | 3 | 104 | 118 |
| Flying fish | - | - | - | - | - |

Table 69 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|---------------|
| Perches | 72 | 101 | 49 | 1871 | 2093 |
| Red mullets | - | 1 | - | 224 | 225 |
| Polynemids | 477 | 1228 | 49 | 248 | 2002 |
| Sciaenids | 1467 | 748 | 541 | 5183 | 7939 |
| Ribbon fish | 647 | 841 | 141 | 745 | 2374 |
| <i>Caranx</i> | 107 | 18 | 196 | 87 | 408 |
| <i>Chorinemus</i> | 70 | 40 | 3 | 17 | 130 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | 24 | 24 |
| <i>Leiognathus</i> | 64 | 123 | 4 | 30 | 221 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 4 | 5 | - | 52 | 61 |
| Pomfrets | 634 | 756 | 272 | 2221 | 3883 |
| Mackerel | 42 | 2 | - | 4601 | 4645 |
| Seer fish | 149 | 98 | 57 | 321 | 625 |
| Tunnies | 7 | 2 | 35 | 79 | 123 |
| <i>Sphyraena</i> | 2 | 3 | - | 3 | 8 |
| <i>Mugil</i> | 2 | 2 | 16 | 5 | 25 |
| <i>Bregmaceros</i> | 486 | 312 | 6 | 4588 | 5392 |
| Soles | 9 | 2 | 6 | 1 | 18 |
| Penaeid prawns | 816 | 381 | 486 | 3505 | 5188 |
| Non-penaeid prawns | 10160 | 18240 | 658 | 8424 | 37482 |
| Other crustaceans | 12 | 2 | - | - | 14 |
| Cephalopods | - | 1 | - | 26 | 27 |
| Miscellaneous | 653 | 727 | 331 | 675 | 2386 |
| Total | 25871 | 34441 | 5113 | 59162 | 124587 |

Table 70

Quarter-wise landings of marine fishes including trawler catches from Gujarat (in tonnes)
during 1963

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 926 | 213 | 289 | 5105 | 6533 |
| Eels | 96 | 8 | 8 | 534 | 646 |
| Cat fishes | 1145 | 328 | 124 | 3106 | 4703 |
| <i>Chirocentrus</i> | 166 | 17 | 82 | 114 | 379 |
| Oil sardine | - | - | - | 1 | 1 |
| Other sardines | 5 | 5 | - | - | 8 |
| <i>Hilsa ilisha</i> | 961 | 350 | 394 | 430 | 2135 |
| Other <i>Hilsa</i> | 99 | - | 707 | 688 | 1494 |
| <i>Anchoviella</i> | - | - | 1 | - | 1 |
| <i>Thrissocles</i> | 2 | 18 | 14 | 29 | 63 |
| Other clupeids | 264 | 427 | 6 | 1257 | 1954 |
| <i>Harpodon nehereus</i> | 10167 | 1239 | 295 | 54188 | 65889 |
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | - | - | - | 1 | 1 |
| Flying fish | - | - | - | - | - |
| Perches | 51 | 10 | 16 | 24 | 55 |
| Red mullets | - | - | - | - | - |
| Polynemids | 54 | 37 | 87 | 48 | 226 |
| Sciaenids | 561 | 509 | 234 | 1165 | 2469 |
| Ribbon fish | 121 | 50 | 25 | 281 | 477 |
| <i>Caranx</i> | 17 | 8 | 70 | 29 | 124 |
| <i>Chorinemus</i> | 49 | 6 | 11 | 182 | 248 |
| <i>Trachynotus</i> | 3 | 3 | - | - | 6 |
| Other carangids | - | - | 8 | 10 | 18 |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | - | 2 | 2 | - | 4 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 2 | 1 | - | - | 3 |
| Pomfrets | 1629 | 375 | 774 | 4487 | 7265 |
| Mackerel | - | - | - | - | - |
| Seer fish | 1177 | 14 | 184 | 271 | 586 |

Table 70 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|---------------|----------------|---------------|----------------|--------|
| Tunnies | - | - | 46 | 16 | 62 |
| <i>Sphyraena</i> | 9 | - | - | - | 9 |
| <i>Mugil</i> | 44 | 159 | 152 | 95 | 450 |
| <i>Bregmaceros</i> | - | - | - | 7 | 7 |
| Soles | 1 | 1 | 1 | 5 | 8 |
| Penaeid prawns | 242 | 270 | 119 | 1066 | 1697 |
| Non-penaeid prawns | 1123 | 491 | 10 | 342 | 1966 |
| Other crustaceans | 1 | - | - | 5 | 6 |
| Cephalopods | - | - | - | - | - |
| Miscellaneous | 651 | 492 | 481 | 923 | 2547 |
| Total | 18458 | 5033 | 4140 | 74409 | 102040 |

Table 71

Quarter-wise landings of marine fishes including trawler catches from West Bengal and Orissa
(in tonnes) during 1964

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 78 | 39 | 102 | 105 | 324 |
| Eels | - | - | - | - | - |
| Cat fishes | 91 | 146 | 64 | 99 | 400 |
| <i>Chirocentrus</i> | 138 | 38 | 55 | 119 | 350 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 1092 | 235 | 46 | 517 | 1890 |
| <i>Hilsa ilisha</i> | 3 | - | - | 65 | 68 |
| Other <i>Hilsa</i> | 6 | 20 | 2 | 15 | 43 |
| <i>Anchoviella</i> | 653 | 8 | - | 136 | 797 |
| <i>Thrissocles</i> | 367 | 18 | 19 | 12 | 416 |
| Other clupeids | 102 | 23 | 80 | 99 | 304 |
| <i>Harpodon nehereus</i> | 124 | 11 | 55 | 188 | 378 |
| <i>Saurida & Saurus</i> | 31 | - | - | - | 31 |
| <i>Hemirhamphus & Belone</i> | - | - | - | - | - |
| Flying fish | - | - | - | - | - |
| Perches | 5 | 72 | - | - | 77 |

Table 71 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Red mullets | 1 | 1 | - | - | 2 |
| Polynemids | 4 | - | 6 | 4 | 14 |
| Sciaenids | 178 | 126 | 84 | 325 | 713 |
| Ribbon fish | 333 | 17 | 85 | 246 | 681 |
| <i>Caranx</i> | 19 | - | 6 | 8 | 33 |
| <i>Chorinemus</i> | - | - | - | - | - |
| <i>Trachynotus</i> | - | - | 20 | 41 | 61 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 1 | - | - | - | 1 |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 181 | 48 | 11 | 161 | 401 |
| <i>Gazza</i> | 5 | - | - | 21 | 26 |
| <i>Lactarius</i> | 8 | 9 | 3 | - | 20 |
| Pomfrets | 34 | 92 | 43 | 28 | 197 |
| Mackerel | 29 | 66 | - | 3 | 38 |
| Seer fish | 40 | 42 | 63 | 111 | 256 |
| Tunnies | 1 | 2 | 8 | - | 11 |
| <i>Sphyraena</i> | 1 | - | - | - | 1 |
| <i>Mugil</i> | - | - | - | 9 | 9 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 35 | 26 | 1 | 45 | 107 |
| Penaeid prawns | 715 | 122 | 196 | 1276 | 2309 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | - | - | 6 | 2 | 8 |
| Cephalopods | 5 | - | - | - | 5 |
| Miscellaneous | 245 | 44 | 52 | 330 | 671 |
| Total | 4525 | 1145 | 1007 | 3965 | 10642 |

Table 72

Quarter-wise landings of marine fishes including trawler catches from Andhra (in tonnes)
during 1964

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1962 | 1416 | 1305 | 449 | 5132 |
| Eels | 53 | 38 | - | 7 | 98 |
| Cat fishes | 5633 | 1867 | 741 | 376 | 8617 |
| <i>Chirocentrus</i> | 595 | 189 | 383 | 391 | 1558 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 2201 | 446 | 139 | 3169 | 5955 |
| <i>Hilsa ilisha</i> | - | 174 | 27 | - | 201 |
| Other <i>Hilsa</i> | 252 | 172 | 1 | 62 | 487 |
| <i>Anchoviella</i> | 2552 | 1351 | 194 | 1682 | 5779 |
| <i>Thrissocles</i> | 973 | 108 | 25 | 606 | 1712 |
| Other clupeids | 895 | 522 | 523 | 355 | 2295 |
| <i>Harpodon nehereus</i> | 77 | 1 | 24 | 221 | 323 |
| <i>Saurida & Saurus</i> | 41 | 242 | 1 | 5 | 189 |
| <i>Hemirhamphus & Belone</i> | 10 | - | 107 | - | 117 |
| Flying fish | 17 | - | - | - | 17 |
| Perches | 242 | 2174 | 207 | 60 | 2683 |
| Red mullets | 137 | 208 | 66 | 11 | 362 |
| Polynemids | 234 | 10 | 15 | 39 | 298 |
| Sciaenids | 635 | 734 | 651 | 402 | 2422 |
| Ribbon fish | 1806 | 2098 | 2458 | 1015 | 7377 |
| <i>Caranx</i> | 427 | 894 | 767 | 193 | 2281 |
| <i>Chorinemus</i> | 137 | 15 | 213 | 30 | 395 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 51 | - | - | - | 51 |
| <i>Elacate</i> | 12 | - | - | - | 12 |
| <i>Leiognathus</i> | 455 | 458 | 312 | 641 | 1856 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 236 | 338 | 294 | 45 | 913 |
| Pomfrets | 1096 | 1172 | 639 | 432 | 3339 |
| Mackerel | 584 | 508 | 95 | 711 | 1898 |
| Seer fish | 961 | 968 | 802 | 421 | 3152 |

Table 72 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Tunnies | 747 | 178 | 27 | 21 | 973 |
| <i>Sphyraena</i> | 32 | - | - | - | 32 |
| <i>Mugil</i> | 56 | 18 | 44 | 6 | 124 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 27 | 192 | 2 | 15 | 236 |
| Penaeid prawns | 385 | 2684 | 1733 | 428 | 5230 |
| Non-penaeid prawns | 267 | 507 | 237 | 194 | 1205 |
| Other crustaceans | 209 | 192 | 63 | 3 | 467 |
| Cephalopods | 21 | - | - | 1 | 22 |
| Miscellaneous | 787 | 1388 | 671 | 973 | 3819 |
| Total | 24795 | 12162 | 12706 | 12964 | 71727 |

Table 73

Quarter-wise landings of marine fishes including trawler catches from Madras (Pondicherry included)
(in tonnes) during 1964

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 2594 | 2558 | 3736 | 1171 | 10059 |
| Eels | 26 | 15 | 76 | 6 | 123 |
| Cat fishes | 922 | 1063 | 1102 | 593 | 3680 |
| <i>Chirocentrus</i> | 982 | 813 | 807 | 912 | 3514 |
| Oil sardine | 109 | 24 | - | 1 | 134 |
| Other sardines | 7547 | 2875 | 1921 | 3826 | 16169 |
| <i>Hilsa ilisha</i> | 19 | 104 | 1169 | 20 | 1312 |
| Other <i>Hilsa</i> | 1597 | 124 | 926 | 106 | 2753 |
| <i>Anchoviella</i> | 3061 | 1555 | 1251 | 2179 | 8046 |
| <i>Thrissocles</i> | 533 | 340 | 374 | 593 | 1800 |
| Other clupeids | 1359 | 416 | 810 | 788 | 3373 |
| <i>Harpodon nehereus</i> | - | - | - | 1 | 1 |
| <i>Saurida & Saurus</i> | 243 | 48 | 93 | 259 | 643 |
| <i>Hemirhamphus & Belone</i> | 412 | 189 | 170 | 564 | 1335 |
| Flying fish | - | 709 | 194 | - | 903 |

Table 73 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Perches | 1447 | 865 | 1223 | 568 | 4103 |
| Red mullets | 125 | 26 | 55 | 89 | 295 |
| Polynemids | 275 | 183 | 252 | 192 | 902 |
| Sciaenids | 1472 | 1515 | 1637 | 1230 | 5854 |
| Ribbon fish | 1150 | 1429 | 3401 | 2556 | 8536 |
| <i>Caranx</i> | 2180 | 1462 | 2468 | 1139 | 7249 |
| <i>Chorinemus</i> | 322 | 957 | 147 | 88 | 1514 |
| <i>Trachynotus</i> | 7 | 34 | 1 | 9 | 51 |
| Other carangids | 20 | 5 | 7 | 3 | 35 |
| <i>Coryphaena</i> | - | 4 | 4 | 13 | 21 |
| <i>Elacate</i> | 34 | 7 | 119 | 4 | 164 |
| <i>Leiognathus</i> | 1137 | 5366 | 5240 | 4512 | 16255 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 253 | 799 | 2330 | 1040 | 4422 |
| Pomfrets | 243 | 214 | 981 | 92 | 1530 |
| Mackerel | 1540 | 908 | 458 | 26 | 2932 |
| Seer fish | 1059 | 595 | 659 | 816 | 3129 |
| Tunnies | 222 | 508 | 169 | 1501 | 2400 |
| <i>Sphyraena</i> | 376 | 89 | 402 | 151 | 1018 |
| <i>Mugil</i> | 325 | 97 | 1277 | 157 | 1856 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 215 | 305 | 511 | 81 | 1112 |
| Penaeid prawns | 1383 | 624 | 1337 | 614 | 3958 |
| Non-penaeid prawns | 30 | 82 | 25 | 9 | 146 |
| Other crustaceans | 460 | 898 | 1490 | 1134 | 3982 |
| Cephalopods | 21 | 5 | 14 | 34 | 74 |
| Miscellaneous | 2434 | 1190 | 1237 | 1065 | 5926 |
| Total | 36134 | 29000 | 38073 | 28102 | 131309 |

Table 74

Quarter-wise landings of marine fishes including trawler catches from Kerala (in tonnes)
during 1964

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------|
| Elasmobranchs | 2863 | 1194 | 545 | 2616 | 7218 |
| Eels | - | - | - | - | - |
| Cat fishes | 426 | 181 | 238 | 1403 | 2248 |
| <i>Chirocentrus</i> | 186 | 29 | 25 | 465 | 705 |
| Oil sardine | 20923 | 1008 | 33604 | 134866 | 190401 |
| Other sardines | 3158 | 859 | 4462 | 5329 | 13808 |
| <i>Hilsa ilisha</i> | 2 | - | - | - | 2 |
| Other <i>Hilsa</i> | 178 | 75 | - | - | 253 |
| <i>Anchoviella</i> | 644 | 1046 | 6796 | 1975 | 10461 |
| <i>Thrissocles</i> | 192 | 157 | 287 | 119 | 755 |
| Other clupeids | 148 | 213 | 858 | 122 | 1341 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | 12 | 30 | 1 | 19 | 62 |
| <i>Hemirhamphus & Belone</i> | 11 | - | - | 9 | 20 |
| Flying fish | - | - | - | - | - |
| Perches | 333 | 129 | 43 | 286 | 791 |
| Red mullets | 11 | 66 | 110 | 2 | 189 |
| Polynemids | 3 | 8 | 1 | 101 | 113 |
| Sciaenids | 226 | 1314 | 1643 | 464 | 3647 |
| Ribbon fish | 1 | 21 | 144 | 3 | 169 |
| <i>Caranx</i> | 462 | 470 | 6105 | 7989 | 15026 |
| <i>Chorinemus</i> | 145 | 30 | 3 | 69 | 247 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 15 | - | - | - | 15 |
| <i>Elacate</i> | 15 | 10 | - | - | 25 |
| <i>Leiognathus</i> | 106 | 1956 | 6878 | 160 | 9100 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 19 | 280 | 401 | 290 | 990 |
| Pomfrets | 63 | 434 | 354 | 226 | 1077 |
| Mackerel | 1405 | 1287 | 1142 | 5823 | 9657 |

Table 74 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|---------------|
| Seer fish | 453 | 90 | 86 | 1277 | 1906 |
| Tunnies | 159 | 620 | 17 | 546 | 1342 |
| <i>Sphyraena</i> | 64 | 321 | 182 | 13 | 580 |
| <i>Mugil</i> | 425 | 12 | 20 | 6 | 463 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 245 | 839 | 2774 | 466 | 4324 |
| Penaeid prawns | 4317 | 6837 | 21378 | 2688 | 35220 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | 21 | 44 | 5 | 2 | 72 |
| Cephalopods | 12 | 3 | 129 | 196 | 340 |
| Miscellaneous | 1837 | 1033 | 1110 | 1426 | 5406 |
| Total | 39080 | 20596 | 89341 | 168956 | 317973 |

Table 75

Quarter-wise landings of marine fishes including trawler catches from Mysore (in tonnes)
during 1964

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|-----------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 344 | 51 | 80 | 388 | 863 |
| Eels | - | - | - | - | - |
| Cat fishes | 46 | 3 | 48 | 501 | 598 |
| <i>Chirocentrus</i> | 6 | 2 | 3 | 122 | 133 |
| Oil sardine | 6179 | - | 9 | 77609 | 83797 |
| Other sardines | 254 | 97 | 71 | 1631 | 2053 |
| <i>Hilsa ilisha</i> | 505 | 66 | - | - | 571 |
| Other <i>Hilsa</i> | - | - | - | 11 | 11 |
| <i>Anchoviella</i> | 13 | 2 | 4 | 4 | 23 |
| <i>Thrissocles</i> | 45 | 5 | 296 | 38 | 384 |
| Other clupeids | 70 | 20 | 251 | 102 | 443 |
| <i>Harpodon nehereus</i> | - | - | - | 1 | 1 |
| <i>Saurida & Saurus</i> | 1 | - | - | 27 | 28 |

Table 75 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------|
| <i>Hemirhamphus & Belone</i> | 19 | 5 | 1 | 16 | 41 |
| Flying fish | - | - | - | - | - |
| Perches | 5 | 2 | 7 | 268 | 282 |
| Red mullets | - | - | - | - | - |
| Polynemids | 7 | - | 33 | 23 | 63 |
| Sciaenids | 96 | 9 | 355 | 777 | 1237 |
| Ribbon fish | - | 3 | 10 | 7 | 20 |
| <i>Caranx</i> | 286 | 20 | 4 | 66 | 376 |
| <i>Chorinemus</i> | - | 1 | 3 | 9 | 13 |
| <i>Trachynotus</i> | - | - | 1 | - | 1 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 17 | 4 | 54 | 344 | 419 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 2 | 7 | 26 | 2 | 37 |
| Pomfrets | 20 | 6 | 3 | 260 | 289 |
| Mackerel | 1541 | 527 | 88 | 5107 | 7263 |
| Seer fish | 4 | 2 | 32 | 389 | 427 |
| Tunnies | - | - | 1 | 24 | 25 |
| <i>Sphyraena</i> | - | 2 | 2 | 16 | 20 |
| <i>Mugil</i> | - | 2 | - | 49 | 51 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 1 | 2 | 134 | 187 | 324 |
| Penaeid prawns | 449 | 182 | 186 | 223 | 1040 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | 12 | 2 | 3 | - | 17 |
| Cephalopods | - | - | - | - | - |
| Miscellaneous | 1871 | 660 | 101 | 736 | 3368 |
| Total | 11793 | 1682 | 1806 | 88937 | 104218 |

Table 76

Quarter-wise landings of marine fishes including trawler catches from Maharashtra (in tonnes)
during 1964

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1920 | 638 | 163 | 888 | 3609 |
| Eels | 476 | 239 | 31 | 710 | 1456 |
| Cat fishes | 750 | 697 | 126 | 613 | 2186 |
| <i>Chirocentrus</i> | 273 | 67 | 21 | 620 | 981 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 283 | 96 | 22 | 78 | 479 |
| <i>Hilsa ilisha</i> | 11 | - | - | 5 | 16 |
| Other <i>Hilsa</i> | 35 | 45 | 173 | 487 | 740 |
| <i>Anchoviella</i> | 59 | 1 | 4 | 163 | 77 |
| <i>Thrissocles</i> | 71 | 104 | 96 | 1133 | 1404 |
| Other clupeids | 1579 | 911 | 268 | 4903 | 7661 |
| <i>Harpodon nehereus</i> | 2686 | 3593 | 13278 | 11463 | 21020 |
| <i>Saurida & Saurus</i> | 6 | - | 7 | 479 | 492 |
| <i>Hemirhamphus & Belone</i> | 2 | - | 4 | 3 | 9 |
| Flying fish | - | - | - | - | - |
| Perches | 69 | 17 | 12 | 4419 | 4517 |
| Red mullets | - | - | - | 4180 | 4180 |
| Polynemids | 13 | 182 | 94 | 72 | 361 |
| Sciaenids | 1341 | 970 | 453 | 6111 | 8875 |
| Ribbon fish | 1455 | 3627 | 409 | 3275 | 8766 |
| <i>Caranx</i> | 63 | 35 | 72 | 1665 | 1835 |
| <i>Chorinemus</i> | 14 | 21 | 13 | 38 | 86 |
| <i>Trachynotus</i> | 2 | - | - | - | 2 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | 2 | 2 |
| <i>Leiognathus</i> | 170 | 21 | 10 | 64 | 265 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 4 | 4 | 18 | 96 | 122 |
| Pomfrets | 431 | 868 | 342 | 4342 | 5983 |
| Mackerel | 9 | 1 | - | 2053 | 2063 |

Table 76 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Seer fish | 191 | 73 | 153 | 1568 | 1985 |
| Tunnies | 12 | 28 | 79 | 69 | 188 |
| <i>Sphyraena</i> | 5 | - | - | - | 5 |
| <i>Mugil</i> | 30 | 37 | 11 | 29 | 107 |
| <i>Bregmaceros</i> | 909 | 1601 | - | 1202 | 3712 |
| Soles | - | 6 | 8 | 4 | 18 |
| Penaeid prawns | 685 | 806 | 280 | 12530 | 14301 |
| Non-penaeid prawns | 8667 | 15323 | 1294 | 4040 | 29324 |
| Other crustaceans | 7 | 3 | - | 8 | 18 |
| Cephalopods | 13 | - | - | 9 | 22 |
| Miscellaneous | 587 | 907 | 242 | 2000 | 3736 |
| Total | 22828 | 30921 | 7683 | 69171 | 130603 |

Table 77

Quarter-wise landings of marine fishes including trawler catches from Gujarat (in tonnes)
during 1964

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 671 | 864 | 117 | 6001 | 7653 |
| Eels | 62 | 123 | - | 364 | 549 |
| Cat fishes | 684 | 480 | 134 | 3702 | 5000 |
| <i>Chirocentrus</i> | 78 | 110 | 2 | 132 | 322 |
| Oil sardine | - | - | - | 1 | 1 |
| Other sardines | 13 | 1 | 12 | - | 26 |
| <i>Hilsa ilisha</i> | 389 | 19 | 366 | 497 | 1271 |
| Other <i>Hilsa</i> | 232 | 534 | 656 | 808 | 2230 |
| <i>Anchoviella</i> | - | - | - | - | - |
| <i>Thrissocles</i> | 11 | 110 | 15 | 12 | 148 |
| Other clupeids | 127 | 227 | 28 | 953 | 1335 |
| <i>Harpodon nehereus</i> | 14977 | 681 | 82 | 43879 | 59619 |
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | 2 | - | 1 | 1 | 4 |

Table 77 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------------|
| Flying fish | - | - | - | - | - |
| Perches | 12 | 9 | 12 | 34 | 67 |
| Red mullets | - | - | - | - | - |
| Polynemids | 69 | 239 | 41 | 55 | 404 |
| Sciaenids | 874 | 223 | 14 | 1337 | 2448 |
| Ribbon fish | 18 | 14 | 5 | 306 | 343 |
| <i>Caranx</i> | 21 | 56 | 2 | 33 | 112 |
| <i>Chorinemus</i> | 36 | - | 1 | 156 | 193 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | 14 | 14 |
| <i>Coryphaena</i> | - | 1 | - | - | 1 |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | - | 2 | 2 | - | 4 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | - | - | - | 2 | 2 |
| Pomfrets | 837 | 1797 | 164 | 4367 | 7165 |
| Mackerel | - | - | - | - | - |
| Seer fish | 84 | 1 | 1 | 194 | 280 |
| Tunnies | 6 | - | - | 20 | 26 |
| <i>Sphyraena</i> | 4 | - | - | - | 4 |
| <i>Mugil</i> | 87 | 92 | 44 | 77 | 300 |
| <i>Bregmaceros</i> | - | - | - | 9 | 9 |
| Soles | 3 | 12 | 6 | 4 | 25 |
| Penaeid prawns | 179 | 168 | 60 | 923 | 1330 |
| Non-penaeid prawns | 437 | 4 | 13 | 378 | 832 |
| Other crustaceans | - | - | - | - | - |
| Cephalopods | - | 1 | - | - | 1 |
| Miscellaneous | 262 | 170 | 116 | 615 | 1163 |
| Total | 20175 | 5938 | 1894 | 64874 | 92881 |

Table 78

Quarter-wise landings of marine fishes including trawler catches from West Bengal and Orissa
(in tonnes) during 1965

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 98 | 73 | 240 | 39 | 450 |
| Eels | - | - | - | - | - |
| Cat fishes | 68 | 2 | 49 | 82 | 201 |
| <i>Chirocentrus</i> | 103 | 38 | 174 | 58 | 373 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 957 | 68 | 47 | 1012 | 2084 |
| <i>Hilsa ilisha</i> | - | - | - | 86 | 86 |
| Other <i>Hilsa</i> | - | 32 | 20 | - | 52 |
| <i>Anchoviella</i> | 1248 | 61 | - | 702 | 2011 |
| <i>Thrissocles</i> | 11 | 71 | 86 | 33 | 201 |
| Other clupeids | 104 | 34 | 53 | 154 | 345 |
| <i>Harpodon nehereus</i> | 104 | 9 | 37 | 45 | 195 |
| <i>Saurida & Saurus</i> | - | - | - | 2 | 2 |
| <i>Hemirhamphus & Belone</i> | 18 | - | - | 1 | 19 |
| Flying fish | - | - | - | - | - |
| Perches | 3 | - | - | - | 3 |
| Red mullets | - | - | - | - | - |
| Polynemids | - | - | 5 | - | 5 |
| Sciaenids | 318 | 37 | 179 | 368 | 902 |
| Ribbon fish | 170 | 206 | 104 | 106 | 586 |
| <i>Caranx</i> | 24 | - | 3 | 4 | 31 |
| <i>Chorinemus</i> | - | - | - | - | - |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 127 | 24 | - | 87 | 238 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 2 | 12 | 15 | - | 29 |
| Pomfrets | 269 | 38 | 80 | 5 | 392 |
| Mackerel | 350 | 7 | - | 181 | 538 |

Table 78 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Seer fish | 152 | 53 | 118 | 101 | 424 |
| Tunnies | 92 | 22 | 7 | - | 121 |
| <i>Sphyraena</i> | - | - | - | - | - |
| <i>Mugil</i> | - | - | - | 34 | 34 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 38 | - | - | 55 | 93 |
| Penaeid prawns | 924 | 59 | 163 | 987 | 2133 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | - | - | - | - | - |
| Cephalopods | - | - | - | - | - |
| Miscellaneous | 283 | 35 | 69 | 309 | 696 |
| Total | 5463 | 881 | 1449 | 4451 | 12244 |

Table 79

Quarter-wise landings of marine fishes including trawler catches from Andhra (in tonnes)
during 1965

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1834 | 2416 | 848 | 726 | 5824 |
| Eels | 23 | 168 | - | 199 | 390 |
| Cat fishes | 333 | 1414 | 1693 | 1195 | 4635 |
| <i>Chirocentrus</i> | 163 | 386 | 293 | 438 | 1280 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 5653 | 1689 | 229 | 1941 | 9512 |
| <i>Hilsa ilisha</i> | - | 76 | 24 | - | 100 |
| Other <i>Hilsa</i> | 45 | 32 | 3 | 16 | 96 |
| <i>Anchoviella</i> | 7067 | 409 | 1719 | 2005 | 11200 |
| <i>Thrissocles</i> | 298 | 251 | 49 | 26 | 624 |
| Other clupeids | 406 | 323 | 928 | 469 | 2126 |
| <i>Harpodon nehereus</i> | 344 | - | - | 114 | 458 |
| <i>Saurida & Saurus</i> | 11 | - | 1 | - | 12 |
| <i>Hemirhamphus & Belone</i> | 9 | - | 97 | 87 | 193 |

Table 79 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Flying fish | 14 | - | 254 | - | 268 |
| Perches | 219 | 255 | 674 | 1148 | 2296 |
| Red mullets | 16 | 89 | 1 | 8 | 114 |
| Polynemids | 58 | 78 | 1 | 302 | 439 |
| Sciaenids | 469 | 1442 | 895 | 898 | 3704 |
| Ribbon fish | 503 | 3713 | 3182 | 4109 | 11508 |
| <i>Caranx</i> | 197 | 462 | 1205 | 423 | 2287 |
| <i>Chorinemus</i> | 52 | 87 | 659 | 206 | 1004 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 2230 | 1133 | 419 | 324 | 4106 |
| <i>Gazza</i> | - | 30 | - | - | 30 |
| <i>Lactarius</i> | 143 | 371 | 203 | 1517 | 2034 |
| Pomfrets | 405 | 1021 | 721 | 187 | 2334 |
| Mackerel | 108 | 113 | 6 | 928 | 1155 |
| Seer fish | 532 | 806 | 693 | 558 | 2589 |
| Tunnies | 75 | 72 | 124 | 178 | 449 |
| <i>Sphyraena</i> | 8 | - | 5 | - | 13 |
| <i>Mugil</i> | 8 | 29 | 30 | 10 | 77 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 92 | 4 | 70 | 4 | 170 |
| Penaeid prawns | 701 | 1575 | 1090 | 141 | 3507 |
| Non-penaeid prawns | 228 | 7 | 69 | 26 | 330 |
| Other crustaceans | 1 | 1 | 2 | 5 | 9 |
| Cephalopods | - | - | - | - | - |
| Miscellaneous | 502 | 187 | 614 | 301 | 1604 |
| Total | 22748 | 18639 | 16801 | 18289 | 76477 |

Table 80

Quarter-wise landings of marine fishes including trawler catches from Madras (Pondicherry included)
(in tonnes) during 1965

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1415 | 3644 | 5130 | 1882 | 12071 |
| Eels | 3 | 2 | 5 | 28 | 38 |
| Cat fishes | 408 | 1113 | 1792 | 692 | 4005 |
| <i>Chirocentrus</i> | 451 | 1523 | 563 | 1229 | 3766 |
| Oil sardine | - | 29 | 1 | 2 | 32 |
| Other sardines | 2117 | 3517 | 1348 | 3243 | 10225 |
| <i>Hilsa ilisha</i> | 1 | 1 | 2 | 8 | 12 |
| Other <i>Hilsa</i> | 3068 | 849 | 304 | 175 | 4396 |
| <i>Anchoviella</i> | 2630 | 2363 | 1536 | 1441 | 7970 |
| <i>Thrissocles</i> | 374 | 589 | 451 | 531 | 1945 |
| Other clupeids | 496 | 315 | 322 | 530 | 1663 |
| <i>Harpodon nehereus</i> | - | - | - | 8 | 8 |
| <i>Saurida & Saurus</i> | 66 | 61 | 49 | 117 | 293 |
| <i>Hemirhamphus & Belone</i> | 96 | 130 | 72 | 462 | 760 |
| Flying fish | 1 | 153 | - | - | 154 |
| Perches | 1057 | 1161 | 933 | 757 | 3908 |
| Red mullets | 36 | 127 | 175 | 67 | 405 |
| Polynemids | 232 | 299 | 135 | 128 | 794 |
| Sciaenids | 565 | 1516 | 1208 | 1307 | 4596 |
| Ribbon fish | 465 | 1504 | 4037 | 1800 | 7806 |
| <i>Caranx</i> | 1548 | 1484 | 3598 | 2557 | 9187 |
| <i>Chorinemus</i> | 588 | 577 | 233 | 375 | 1773 |
| <i>Trachynotus</i> | 6 | 4 | 3 | 6 | 19 |
| Other carangids | 5 | 2 | 3 | 1 | 11 |
| <i>Coryphaena</i> | 16 | 25 | 16 | 2 | 59 |
| <i>Elacate</i> | 110 | 12 | 11 | 8 | 141 |
| <i>Leiognathus</i> | 502 | 1960 | 5391 | 2667 | 10520 |
| <i>Gazza</i> | 10 | - | 15 | 11 | 36 |
| <i>Lactarius</i> | 214 | 784 | 655 | 461 | 2114 |
| Pomfrets | 39 | 437 | 397 | 330 | 1203 |
| Mackerel | 96 | 212 | 36 | 177 | 521 |

Table 80 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Seer fish | 448 | 418 | 649 | 903 | 2418 |
| Tunnies | 357 | 73 | 209 | 153 | 792 |
| <i>Sphyraena</i> | 319 | 261 | 273 | 131 | 984 |
| <i>Mugil</i> | 181 | 34 | 82 | 34 | 331 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 145 | 107 | 127 | 293 | 672 |
| Penaeid prawns | 603 | 475 | 801 | 757 | 2636 |
| Non-penaeid prawns | 6 | 15 | 61 | - | 82 |
| Other crustaceans | 1033 | 323 | 303 | 502 | 2161 |
| Cephalopods | 20 | 11 | 32 | 19 | 82 |
| Miscellaneous | 2404 | 877 | 1019 | 1140 | 5440 |
| Total | 22131 | 26987 | 31977 | 24934 | 106029 |

Table 81

Quarter-wise landings of marine fishes including trawler catches from Kerala (in tonnes)
during 1965

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------|
| Elasmobranchs | 797 | 533 | 1045 | 3594 | 5969 |
| Eels | 3 | - | - | - | 3 |
| Cat fishes | 311 | 776 | 1075 | 1403 | 3565 |
| <i>Chirocentrus</i> | 152 | 76 | 84 | 140 | 452 |
| Oil sardine | 92424 | 20626 | 33225 | 72895 | 219170 |
| Other sardines | 7935 | 1978 | 5601 | 3448 | 18962 |
| <i>Hilsa ilisha</i> | - | - | - | - | - |
| Other <i>Hilsa</i> | 2 | - | 5 | 3 | 10 |
| <i>Anchoviella</i> | 76 | 407 | 1262 | 973 | 2718 |
| <i>Thrissocles</i> | 116 | 72 | 501 | 160 | 849 |
| Other clupeids | 420 | 332 | 836 | 223 | 1811 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | 40 | 14 | 134 | 11 | 199 |
| <i>Hemirhamphus & Belone</i> | 11 | 1 | 6 | 17 | 35 |

Table 81 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Flying fish | - | - | - | - | - |
| Perches | 521 | 148 | 134 | 254 | 1057 |
| Red mullets | 33 | 118 | 141 | 13 | 305 |
| Polynemids | - | 37 | 35 | 1 | 73 |
| Sciaenids | 137 | 531 | 1650 | 949 | 3267 |
| Ribbon fish | 32 | 7003 | 6769 | 22 | 13826 |
| <i>Caranx</i> | 251 | 331 | 2820 | 557 | 3959 |
| <i>Chorinemus</i> | 31 | 7 | 2 | 25 | 65 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 4 | 1 | - | - | 5 |
| <i>Elacate</i> | 46 | 4 | - | 4 | 54 |
| <i>Leiognathus</i> | 240 | 824 | 8267 | 562 | 9893 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 143 | 713 | 340 | 136 | 1332 |
| Pomfrets | 31 | 12 | 108 | 284 | 435 |
| Mackerel | 9033 | 875 | 255 | 7885 | 18048 |
| Seer fish | 419 | 22 | 42 | 1030 | 1513 |
| Tunnies | 485 | 624 | 16 | 706 | 1831 |
| <i>Sphyraena</i> | 41 | 49 | 27 | 785 | 902 |
| <i>Mugil</i> | 1 | 1 | 10 | 55 | 67 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 750 | 853 | 4088 | 1621 | 7312 |
| Penaeid prawns | 1994 | 3269 | 7874 | 1190 | 14327 |
| Non-penaeid prawns | 1 | 6 | 31 | 46 | 84 |
| Other crustaceans | 67 | 37 | 6 | 20 | 130 |
| Cephalopods | 63 | - | 37 | 74 | 174 |
| Miscellaneous | 2377 | 1424 | 1403 | 1567 | 6771 |
| Total | 118987 | 41704 | 77829 | 100653 | 339173 |

Table 82

Quarter-wise landings of marine fishes including trawler catches from Mysore (in tonnes)
during 1965

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 283 | 62 | 354 | 398 | 1097 |
| Eels | - | - | - | - | - |
| Cat fishes | 108 | 131 | 20 | 249 | 508 |
| <i>Chirocentrus</i> | - | - | 12 | 44 | 56 |
| Oil sardine | 43 | 81 | 7 | 38904 | 39035 |
| Other sardines | 110 | 64 | 11 | 593 | 778 |
| <i>Hilsa ilisha</i> | - | - | - | - | - |
| Other <i>Hilsa</i> | 1497 | - | - | 44 | 1541 |
| <i>Anchoviella</i> | - | - | 1 | 102 | 103 |
| <i>Thrissocles</i> | 6 | 2 | 192 | 68 | 268 |
| Other clupeids | 7 | 35 | 70 | 121 | 233 |
| <i>Harpodon nehereus</i> | - | - | 1 | - | 1 |
| <i>Saurida & Saurus</i> | 2 | 4 | - | - | 6 |
| <i>Hemirhamphus & Belone</i> | 4 | 50 | 6 | 6 | 66 |
| Flying fish | - | - | - | - | - |
| Perches | 6 | 2 | 24 | 159 | 191 |
| Red mullets | - | - | - | - | - |
| Polynemids | - | 2 | 2 | 20 | 24 |
| Sciaenids | 48 | 65 | 723 | 452 | 1288 |
| Ribbon fish | 5 | 11 | 102 | 15 | 133 |
| <i>Caranx</i> | 366 | 39 | 36 | 70 | 511 |
| <i>Chorinemus</i> | 1 | 1 | 5 | 18 | 25 |
| <i>Trachynotus</i> | - | - | 1 | - | 1 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 156 | 12 | 166 | 86 | 420 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 1 | 39 | 188 | 60 | 288 |
| Pomfrets | 7 | 7 | 13 | 63 | 90 |
| Mackerel | 14980 | 9 | 57 | 3079 | 18125 |

Table 82 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|---------------|----------------|---------------|----------------|-------|
| Seer fish | 38 | 3 | 9 | 113 | 163 |
| Tunnies | - | - | 69 | - | 69 |
| <i>Sphyraena</i> | 2 | 1 | - | 1 | 4 |
| <i>Mugil</i> | 2 | 1 | 2 | - | 5 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 1 | 2 | 132 | 183 | 318 |
| Penaeid prawns | 303 | 112 | 110 | 253 | 778 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | - | 2 | 5 | - | 7 |
| Cephalopods | - | - | - | 1 | 1 |
| Miscellaneous | 1542 | 428 | 114 | 259 | 2343 |
| Total | 19518 | 1165 | 2432 | 45361 | 68476 |

Table 83

Quarter-wise landings of marine fishes including trawler catches from Maharashtra (in tonnes) during 1965

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 868 | 391 | 218 | 971 | 2448 |
| Eels | 841 | 278 | 149 | 695 | 1963 |
| Cat fishes | 899 | 506 | 198 | 835 | 2438 |
| <i>Chirocentrus</i> | 134 | 206 | 48 | 389 | 777 |
| Oil sardine | - | - | - | 65 | 65 |
| Other sardines | 528 | 145 | 22 | 387 | 1082 |
| <i>Hilsa ilisha</i> | - | - | 43 | 100 | 143 |
| Other <i>Hilsa</i> | 103 | 50 | 123 | 1387 | 1663 |
| <i>Anchoviella</i> | - | - | - | - | - |
| <i>Thrissocles</i> | 69 | 123 | 100 | 404 | 696 |
| Other clupeids | 1282 | 2076 | 551 | 3180 | 7089 |
| <i>Harpodon nehereus</i> | 1980 | 6978 | 4252 | 10675 | 23885 |
| <i>Saurida & Saurus</i> | 4 | - | - | 23 | 27 |
| <i>Hemirhamphus & Belone</i> | - | 2 | - | 52 | 54 |

Table 83 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|---------------|
| Flying fish | - | - | - | - | - |
| Perches | 85 | 50 | 115 | 718 | 968 |
| Red mullets | - | - | - | 1177 | 1177 |
| Polynemids | 68 | 46 | 12 | 74 | 200 |
| Sciaenids | 2870 | 2346 | 625 | 2197 | 8038 |
| Ribbon fish | 1305 | 2979 | 493 | 2008 | 6785 |
| <i>Caranx</i> | 186 | 187 | 146 | 188 | 707 |
| <i>Chorinemus</i> | 5 | 53 | 31 | 93 | 182 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 27 | 289 | 58 | 425 | 799 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 108 | 3 | - | - | 111 |
| Pomfrets | 1165 | 1227 | 969 | 3212 | 6573 |
| Mackerel | 754 | 1 | - | 8 | 763 |
| Seer fish | 233 | 298 | 355 | 749 | 1635 |
| Tunnies | - | 2 | - | 95 | 97 |
| <i>Sphyraena</i> | - | - | - | 12 | 12 |
| <i>Mugil</i> | 25 | 25 | 340 | 91 | 481 |
| <i>Bregmaceros</i> | 1088 | 677 | 1 | 3732 | 5498 |
| Soles | - | 13 | 27 | 44 | 84 |
| Penaeid prawns | 879 | 653 | 2155 | 6109 | 9796 |
| Non-penaeid prawns | 6643 | 18238 | 701 | 14830 | 40412 |
| Other crustaceans | 23 | 13 | 2 | 20 | 58 |
| Cephalopods | 2 | - | - | 5 | 7 |
| Miscellaneous | 694 | 1401 | 327 | 2772 | 5194 |
| Total | 22868 | 39256 | 12061 | 57722 | 131907 |

Table 84

Quarter-wise landings of marine fishes including trawler catches from Gujarat (in tonnes)
during 1965

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 784 | 487 | 325 | 1669 | 3265 |
| Eels | 73 | 1 | - | 5 | 79 |
| Cat fishes | 771 | 159 | 135 | 1255 | 2320 |
| <i>Chirocentrus</i> | 133 | 150 | 58 | 296 | 617 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 18 | - | - | - | 18 |
| <i>Hilsa ilisha</i> | 519 | 50 | 126 | 2 | 697 |
| Other <i>Hilsa</i> | 230 | 535 | 394 | 111 | 1270 |
| <i>Anchoviella</i> | - | - | - | - | - |
| <i>Thrissocles</i> | 5 | 6 | 1 | 216 | 228 |
| Other clupeids | 178 | 227 | 165 | 4848 | 5418 |
| <i>Harpodon nehereus</i> | 17468 | 825 | 1442 | 29612 | 49347 |
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | - | - | - | - | - |
| Flying fish | - | - | - | - | - |
| Perches | 7 | 8 | 14 | 20 | 49 |
| Red mullets | - | - | - | - | - |
| Polynemids | 46 | 74 | 17 | - | 137 |
| Sciaenids | 994 | 130 | 60 | 429 | 1613 |
| Ribbon fish | 20 | 129 | 22 | 503 | 654 |
| <i>Caranx</i> | 22 | 595 | 70 | 241 | 926 |
| <i>Chorinemus</i> | 42 | - | 2 | - | 44 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | - | - | - | - | - |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 8 | - | - | 4 | 12 |
| Pomfrets | 991 | 3322 | 703 | 1664 | 6680 |
| Mackerel | - | - | - | - | - |

Table 84 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------------|
| Seer fish | 175 | 242 | 45 | 181 | 643 |
| Tunnies | 6 | - | - | - | 6 |
| <i>Sphyraena</i> | 4 | - | - | - | 4 |
| <i>Mugil</i> | 95 | 40 | 186 | 63 | 384 |
| <i>Bregmaceros</i> | 1 | - | - | - | 1 |
| Soles | 10 | 10 | 13 | 11 | 44 |
| Penaeid prawns | 511 | 187 | 184 | 3066 | 3948 |
| Non-penaeid prawns | 496 | - | 3 | 8 | 507 |
| Other crustaceans | - | - | - | - | - |
| Cephalopods | - | - | 1 | - | 1 |
| Miscellaneous | 212 | 127 | 265 | 1074 | 1678 |
| Total | 23819 | 7282 | 4211 | 45278 | 80590 |

Table 85

Quarter-wise landings of marine fishes including trawler catches from West Bengal and Orissa
(in tonnes) during 1966

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|-----------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 25 | 129 | 59 | 5 | 218 |
| Eels | - | - | - | - | - |
| Cat fishes | 68 | 26 | 18 | 62 | 174 |
| <i>Chirocentrus</i> | 49 | 24 | 54 | 32 | 159 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 2064 | 165 | 7 | 904 | 3140 |
| <i>Hilsa ilisha</i> | - | - | - | 47 | 47 |
| Other <i>Hilsa</i> | - | - | - | 68 | 68 |
| <i>Anchoviella</i> | 320 | 64 | 4 | 163 | 551 |
| <i>Thrissocles</i> | 15 | 97 | 40 | 8 | 160 |
| Other clupeids | 106 | 74 | 45 | 89 | 314 |
| <i>Harpodon nehereus</i> | 33 | 26 | 24 | 46 | 129 |
| <i>Saurida & Saurus</i> | 1 | 7 | - | - | 8 |

Table 85 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------------|
| <i>Hemirhamphus & Belone</i> | - | - | - | - | - |
| Flying fish | - | - | - | - | - |
| Perches | - | 4 | 2 | 3 | 9 |
| Red mullets | - | 12 | - | - | 12 |
| Polynemids | - | - | 9 | 7 | 16 |
| Sciaenids | 168 | 32 | 25 | 215 | 440 |
| Ribbon fish | 43 | 104 | 162 | 191 | 500 |
| <i>Caranx</i> | 6 | 37 | 47 | 62 | 152 |
| <i>Chorinemus</i> | - | - | 22 | 5 | 27 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | 1 | 1 | - | - | 2 |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 70 | 420 | 44 | 275 | 809 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 42 | 24 | - | - | 66 |
| Pomfrets | 27 | 98 | 45 | 22 | 192 |
| Mackerel | 14 | - | - | 9 | 23 |
| Seer fish | 36 | 43 | 28 | 20 | 127 |
| Tunnies | 89 | - | - | - | 89 |
| <i>Sphyraena</i> | - | 1 | - | - | 1 |
| <i>Mugil</i> | 9 | - | - | 22 | 31 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 23 | 11 | - | 33 | 67 |
| Penaeid prawns | 537 | 286 | 221 | 841 | 1885 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | - | 1 | 1 | - | 2 |
| Cephalopods | - | 1 | - | - | 1 |
| Miscellaneous | 226 | 70 | 49 | 277 | 622 |
| Total | 3972 | 1757 | 906 | 3406 | 10041 |

Table 86

Quarter-wise landings of marine fishes including trawler catches from Andhra (in tonnes)
during 1966

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1470 | 1774 | 675 | 1833 | 5752 |
| Eels | 20 | 97 | 35 | 43 | 195 |
| Cat fishes | 248 | 304 | 1018 | 799 | 2369 |
| <i>Chirocentrus</i> | 442 | 210 | 195 | 619 | 1466 |
| Oil sardine | - | 61 | - | - | 61 |
| Other sardines | 29055 | 552 | 122 | 1537 | 31266 |
| <i>Hilsa ilisha</i> | 41 | - | - | 532 | 573 |
| Other <i>Hilsa</i> | 2 | 43 | 25 | 122 | 192 |
| <i>Anchoviella</i> | 1286 | 816 | 180 | 1535 | 3817 |
| <i>Thrissocles</i> | 854 | 125 | 33 | 192 | 1204 |
| Other clupeids | 458 | 465 | 798 | 710 | 2431 |
| <i>Harpodon nehereus</i> | 95 | 38 | 91 | 300 | 524 |
| <i>Saurida & Saurus</i> | - | - | - | 16 | 16 |
| <i>Hemirhamphus & Belone</i> | - | - | 66 | 7 | 73 |
| Flying fish | - | - | 173 | - | 173 |
| Perches | 171 | 94 | 401 | 485 | 1151 |
| Red mullets | 2 | 25 | 1 | 31 | 59 |
| Polynemids | 75 | 8 | 36 | 241 | 360 |
| Sciaenids | 485 | 688 | 854 | 1117 | 3144 |
| Ribbon fish | 418 | 293 | 2439 | 1845 | 4995 |
| <i>Caranx</i> | 147 | 334 | 889 | 327 | 1697 |
| <i>Chorinemus</i> | 363 | 331 | 98 | 319 | 1111 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | 17 | 2 | - | 77 | 96 |
| <i>Coryphaena</i> | - | - | - | 2 | 2 |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 296 | 833 | 478 | 680 | 2287 |
| <i>Gazza</i> | - | 15 | - | - | 15 |
| <i>Lactarius</i> | 127 | 104 | 179 | 480 | 890 |
| Pomfrets | 255 | 188 | 434 | 970 | 1847 |
| Mackerel | 422 | 630 | 52 | 961 | 2065 |

Table 86 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Seer fish | 1393 | 234 | 479 | 656 | 2762 |
| Tunnies | 292 | 6 | 85 | 110 | 493 |
| <i>Sphyraena</i> | 7 | 72 | 4 | - | 83 |
| <i>Mugil</i> | 1 | 22 | 19 | 176 | 218 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 20 | 32 | 55 | 10 | 117 |
| Penaeid prawns | 115 | 1325 | 1140 | 419 | 2999 |
| Non-penaeid prawns | 80 | 13 | 529 | 4 | 626 |
| Other crustaceans | 3 | 75 | 64 | 20 | 162 |
| Cephalopods | - | - | 13 | - | 13 |
| Miscellaneous | 533 | 498 | 554 | 1198 | 2783 |
| Total | 39193 | 10307 | 12214 | 18373 | 80087 |

Table 87

Quarter-wise landings of marine fishes including trawler catches from Madras (Pondicherry included)
(in tonnes) during 1966

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|-----------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 3768 | 3120 | 3597 | 2303 | 12788 |
| Eels | 7 | 12 | 37 | 17 | 73 |
| Cat fishes | 1163 | 1203 | 2156 | 749 | 5271 |
| <i>Chirocentrus</i> | 1406 | 564 | 722 | 1325 | 4017 |
| Oil sardine | - | - | 33 | 4 | 37 |
| Other sardines | 2509 | 1864 | 3696 | 5855 | 13924 |
| <i>Hilsa ilisha</i> | - | 1 | 16 | - | 17 |
| Other <i>Hilsa</i> | 4376 | 135 | 485 | 501 | 5497 |
| <i>Anchoviella</i> | 3342 | 5264 | 2623 | 1546 | 12775 |
| <i>Thrissocles</i> | 809 | 640 | 414 | 443 | 2306 |
| Other clupeids | 1479 | 526 | 428 | 2209 | 4642 |
| <i>Harpodon nehereus</i> | 51 | 15 | 11 | - | 77 |
| <i>Saurida & Saurus</i> | 271 | 66 | 139 | 81 | 557 |

Table 87 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------|
| <i>Hemirhamphus & Belone</i> | 346 | 129 | 139 | 416 | 1030 |
| Flying fish | - | 3037 | 466 | - | 3503 |
| Perches | 1655 | 1146 | 3327 | 481 | 6609 |
| Red mullets | 100 | 87 | 79 | 47 | 313 |
| Polynemids | 203 | 225 | 90 | 329 | 847 |
| Sciaenids | 2251 | 1420 | 1670 | 1148 | 6489 |
| Ribbon fish | 1435 | 4128 | 2907 | 3122 | 11592 |
| <i>Caranx</i> | 1768 | 1666 | 2972 | 1872 | 8278 |
| <i>Chorinemus</i> | 541 | 344 | 218 | 407 | 1510 |
| <i>Trachynotus</i> | - | - | - | 1 | 1 |
| Other carangids | 4 | - | - | 4 | 8 |
| <i>Coryphaena</i> | 4 | 85 | 74 | 11 | 174 |
| <i>Elacate</i> | 36 | 18 | 4 | 24 | 82 |
| <i>Leiognathus</i> | 4209 | 5883 | 6611 | 3103 | 19806 |
| <i>Gazza</i> | - | 31 | 1 | 1 | 33 |
| <i>Lactarius</i> | 300 | 639 | 825 | 441 | 2205 |
| Pomfrets | 154 | 443 | 314 | 196 | 1107 |
| Mackerel | 379 | 366 | 610 | 620 | 1975 |
| Seer fish | 620 | 425 | 1180 | 1360 | 3585 |
| Tunnies | 76 | 101 | 385 | 166 | 728 |
| <i>Sphyraena</i> | 356 | 51 | 91 | 87 | 585 |
| <i>Mugil</i> | 46 | 83 | 90 | 26 | 245 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 224 | 136 | 202 | 207 | 769 |
| Penaeid prawns | 995 | 1046 | 1811 | 2303 | 6155 |
| Non-penaeid prawns | 60 | 46 | - | 17 | 123 |
| Other crustaceans | 400 | 614 | 515 | 1193 | 2722 |
| Cephalopods | 15 | 8 | 105 | 67 | 195 |
| Miscellaneous | 1565 | 954 | 1029 | 1343 | 4891 |
| Total | 36923 | 36521 | 40072 | 34025 | 147541 |

Table 88

Quarter-wise landings of marine fishes including trawler catches from Kerala (in tonnes)
during 1966

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------|
| Elasmobranchs | 1274 | 2407 | 2866 | 1533 | 8080 |
| Eels | - | - | - | - | - |
| Cat fishes | 1624 | 676 | 2894 | 599 | 5793 |
| <i>Chirocentrus</i> | 99 | 93 | 13 | 222 | 427 |
| Oil sardine | 37457 | 14353 | 57688 | 93302 | 202800 |
| Other sardines | 1368 | 1072 | 2256 | 3984 | 8680 |
| <i>Hilsa ilisha</i> | 2 | - | - | - | 2 |
| Other <i>Hilsa</i> | - | - | - | - | - |
| <i>Anchoviella</i> | 1489 | 3946 | 480 | 2901 | 8816 |
| <i>Thrissocles</i> | 16 | 621 | 1136 | 971 | 2744 |
| Other clupeids | 37 | 527 | 1394 | 219 | 2177 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | 6 | 29 | 126 | 12 | 173 |
| <i>Hemirhamphus & Belone</i> | 63 | 31 | 33 | 63 | 190 |
| Flying fish | - | - | - | - | - |
| Perches | 484 | 134 | 198 | 470 | 1286 |
| Red mullets | 32 | 118 | 2630 | 2 | 2782 |
| Polynemids | 22 | 85 | 36 | 9 | 152 |
| Sciaenids | 128 | 596 | 3664 | 533 | 4921 |
| Ribbon fish | 21 | 6733 | 7635 | 6713 | 21102 |
| <i>Caranx</i> | 370 | 372 | 4780 | 2319 | 7841 |
| <i>Chorinemus</i> | 97 | 5 | 1 | 39 | 142 |
| <i>Trachynotus</i> | - | - | - | 7 | 7 |
| Other carangids | - | 2 | 5 | - | 7 |
| <i>Coryphaena</i> | 20 | - | - | - | 20 |
| <i>Elacate</i> | 8 | 11 | 1 | 2 | 22 |
| <i>Leiognathus</i> | 285 | 3306 | 8377 | 1002 | 12970 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 12 | 1344 | 936 | 101 | 2393 |
| Pomfrets | 63 | 152 | 42 | 305 | 562 |
| Mackerel | 935 | 138 | 3368 | 6306 | 10747 |

Table 88 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|---------------|----------------|---------------|----------------|--------|
| Seer fish | 208 | 46 | 104 | 905 | 1263 |
| Tunnies | 368 | 247 | 68 | 514 | 1197 |
| <i>Sphyraena</i> | 4 | 54 | 193 | 16 | 267 |
| <i>Mugil</i> | 18 | 11 | 61 | 22 | 112 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 407 | 929 | 666 | 2734 | 4736 |
| Penaeid prawns | 4811 | 10219 | 8986 | 4104 | 28120 |
| Non-penaeid prawns | 1 | 9 | 2 | 247 | 259 |
| Other crustaceans | 100 | 36 | 401 | 20 | 557 |
| Cephalopods | 200 | 52 | 162 | 300 | 714 |
| Miscellaneous | 890 | 1218 | 1157 | 1418 | 4683 |
| Total | 52919 | 49572 | 112359 | 131894 | 346744 |

Table 89

Quarter-wise landings of marine fishes including trawler catches from Mysore (in tonnes)
during 1966

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 504 | 422 | 195 | 461 | 1582 |
| Eels | - | - | - | - | - |
| Cat fishes | 173 | 154 | 22 | 275 | 624 |
| <i>Chirocentrus</i> | 10 | 6 | 11 | 67 | 94 |
| Oil sardine | 1239 | 111 | 2725 | 40178 | 44253 |
| Other sardines | 267 | 292 | 42 | 511 | 1112 |
| <i>Hilsa ilisha</i> | - | 38 | - | 59 | 97 |
| Other <i>Hilsa</i> | 51 | - | - | 44 | 95 |
| <i>Anchoviella</i> | 17 | 3 | 14 | 69 | 103 |
| <i>Thrissocles</i> | 22 | 74 | 1244 | 112 | 1452 |
| Other clupeids | 219 | 114 | 238 | 174 | 745 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | 12 | 4 | - | 3 | 19 |
| <i>Hemirhamphus & Belone</i> | 8 | 11 | 1 | 6 | 26 |

Table 89 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------------|
| Flying fish | - | - | - | - | - |
| Perches | 14 | 80 | 40 | 174 | 308 |
| Red mullets | - | - | - | - | - |
| Polynemids | 11 | 2 | - | 21 | 24 |
| Sciaenids | 437 | 221 | 386 | 464 | 1508 |
| Ribbon fish | 54 | 169 | 84 | 17 | 324 |
| <i>Caranx</i> | 80 | 74 | 41 | 86 | 281 |
| <i>Chorinemus</i> | 391 | 3 | 17 | 11 | 422 |
| <i>Trachynotus</i> | 8 | - | - | - | 8 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 165 | 265 | 87 | 281 | 798 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 107 | 86 | 14 | 13 | 220 |
| Pomfrets | 52 | 46 | 1 | 51 | 150 |
| Mackerel | 840 | 1 | 1478 | 4783 | 7102 |
| Seer fish | 77 | 1 | 8 | 95 | 181 |
| Tunnies | - | - | 4 | 7 | 11 |
| <i>Sphyraena</i> | - | 2 | - | 1 | 3 |
| <i>Mugil</i> | 1 | 2 | 18 | 6 | 27 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 138 | 53 | 35 | 252 | 478 |
| Penaeid prawns | 687 | 493 | 303 | 213 | 1696 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | 28 | 10 | 2 | 12 | 52 |
| Cephalopods | - | - | - | 1 | 1 |
| Miscellaneous | 728 | 358 | 306 | 442 | 1834 |
| Total | 6330 | 3095 | 7316 | 48889 | 65630 |

Table 90

Quarter-wise landings of marine fishes including trawler catches from Maharashtra (in tonnes)
during 1966

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 682 | 527 | 349 | 2557 | 4115 |
| Eels | 460 | 120 | 25 | 1503 | 2108 |
| Cat fishes | 633 | 708 | 379 | 3258 | 4978 |
| <i>Chirocentrus</i> | 362 | 77 | 147 | 434 | 1020 |
| Oil sardine | 32 | - | 2 | 29 | 63 |
| Other sardines | 414 | 171 | 7 | 342 | 934 |
| <i>Hilsa ilisha</i> | 30 | - | 4 | 60 | 94 |
| Other <i>Hilsa</i> | 72 | 17 | 86 | 205 | 380 |
| <i>Anchoviella</i> | 1 | - | 1 | 518 | 520 |
| <i>Thrissocles</i> | 89 | 272 | 33 | 335 | 729 |
| Other clupeids | 1236 | 2258 | 287 | 2598 | 6379 |
| <i>Harpodon nehereus</i> | 1506 | 7835 | 3504 | 18054 | 30899 |
| <i>Saurida & Saurus</i> | 1189 | - | - | 223 | 1412 |
| <i>Hemirhamphus & Belone</i> | - | - | 36 | 27 | 63 |
| Flying fish | - | - | - | - | - |
| Perches | 83 | 8 | 85 | 2257 | 2433 |
| Red mullets | - | - | - | 1450 | 1450 |
| Polynemids | 2574 | 39 | 65 | 80 | 2758 |
| Sciaenids | 1271 | 1602 | 378 | 4605 | 7856 |
| Ribbon fish | 682 | 2557 | 345 | 1402 | 4986 |
| <i>Caranx</i> | 58 | 53 | 105 | 189 | 405 |
| <i>Chorinemus</i> | 75 | 35 | 16 | 136 | 262 |
| <i>Trachynotus</i> | - | - | - | 6 | 6 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | 1 | - | 1 |
| <i>Elacate</i> | 11 | - | - | - | 11 |
| <i>Leiognathus</i> | 65 | 99 | 58 | 245 | 467 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 11 | 6 | 10 | 42 | 69 |
| Pomfrets | 1161 | 837 | 443 | 5375 | 7816 |
| Mackerel | 1 | - | 2 | 172 | 175 |

Table 90 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|---------------|----------------|---------------|----------------|--------|
| Seer fish | 44 | 103 | 306 | 742 | 1195 |
| Tunnies | 89 | 115 | 48 | 75 | 327 |
| <i>Sphyraena</i> | 21 | - | 27 | 68 | 116 |
| <i>Mugil</i> | 10 | 31 | 66 | 76 | 183 |
| <i>Bregmaceros</i> | 611 | 859 | 2 | 1187 | 2659 |
| Soles | 7 | 28 | 18 | 282 | 335 |
| Penaeid prawns | 1106 | 2350 | 746 | 5662 | 9864 |
| Non-penaeid prawns | 7888 | 15693 | 834 | 8897 | 33312 |
| Other crustaceans | 95 | 29 | 5 | 6 | 135 |
| Cephalopods | - | 7 | 2 | 17 | 26 |
| Miscellaneous | 669 | 1162 | 254 | 1713 | 3798 |
| Total | 23238 | 37598 | 8676 | 64827 | 134339 |

Table 91

Quarter-wise landings of marine fishes including trawler catches from Gujarat (in tonnes)
during 1966

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|---------------|----------------|---------------|----------------|-------|
| Elasmobranchs | 1043 | 544 | 377 | 1744 | 3708 |
| Eels | 21 | - | 4 | 25 | 50 |
| Cat fishes | 760 | 205 | 268 | 1398 | 2631 |
| <i>Chirocentrus</i> | 227 | 59 | 58 | 308 | 652 |
| Oil sardine | - | - | - | - | - |
| Other sardines | - | - | 5 | 1 | 6 |
| <i>Hilsa ilisha</i> | 35 | 53 | 150 | - | 238 |
| Other <i>Hilsa</i> | 1164 | 328 | 587 | 114 | 2193 |
| <i>Anchoviella</i> | - | - | - | - | - |
| <i>Thrissocles</i> | 3 | 3 | 23 | 213 | 242 |
| Other clupeids | 1194 | 257 | 201 | 4858 | 6510 |
| <i>Harpodon nehereus</i> | 9777 | 845 | 1673 | 33439 | 45734 |
| <i>Saurida & Saurus</i> | 17 | 2 | - | - | 19 |
| <i>Hemirhamphus & Belone</i> | - | - | - | 5 | 5 |

Table 91 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Flying fish | - | - | - | - | - |
| Perches | 37 | 7 | 47 | 78 | 169 |
| Red mullets | - | 39 | - | - | 39 |
| Polynemids | 12 | 257 | 80 | 51 | 400 |
| Sciaenids | 907 | 65 | 85 | 486 | 1543 |
| Ribbon fish | 442 | 216 | 12 | 525 | 1195 |
| <i>Caranx</i> | 10 | 595 | 70 | 241 | 916 |
| <i>Chorinemus</i> | - | - | - | - | - |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 1 | - | - | - | 1 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | - | - | - | - | - |
| Pomfrets | 1075 | 3280 | 705 | 1021 | 6081 |
| Mackerel | - | - | - | - | - |
| Seer fish | 283 | 263 | 124 | 195 | 865 |
| Tunnies | - | - | - | - | - |
| <i>Sphyraena</i> | - | 1 | - | 3 | 4 |
| <i>Mugil</i> | 138 | 146 | 220 | 149 | 653 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 39 | 11 | 14 | 25 | 89 |
| Penaeid prawns | 514 | 82 | 154 | 3344 | 4094 |
| Non-penaeid prawns | 399 | 4 | 17 | 28 | 448 |
| Other crustaceans | 8 | 64 | 1 | 1 | 74 |
| Cephalopods | - | - | 1 | - | 1 |
| Miscellaneous | 256 | 113 | 232 | 1178 | 1779 |
| Total | 18362 | 7439 | 5108 | 49430 | 80339 |

Table 92

Quarter-wise landings of marine fishes including trawler catches from West Bengal and Orissa
(in tonnes) during 1967

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 7 | 20 | 86 | 130 | 243 |
| Eels | - | - | - | - | - |
| Cat fishes | 96 | 21 | 5 | 60 | 182 |
| <i>Chirocentrus</i> | 41 | 79 | 89 | 164 | 373 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 301 | 106 | 125 | 765 | 1297 |
| <i>Hilsa ilisha</i> | - | - | - | - | - |
| Other <i>Hilsa</i> | - | - | - | - | - |
| <i>Anchoviella</i> | 43 | 111 | - | 441 | 595 |
| <i>Thrissocles</i> | 129 | 26 | 65 | 90 | 310 |
| Other clupeids | 74 | 128 | 88 | 665 | 955 |
| <i>Harpodon nehereus</i> | 23 | 13 | 19 | 1162 | 1217 |
| <i>Saurida & Saurus</i> | 5 | - | - | - | 5 |
| <i>Hemirhamphus & Belone</i> | 9 | - | - | 6 | 15 |
| Flying fish | - | - | - | 18 | 18 |
| Perches | 13 | 5 | 8 | 1 | 27 |
| Red mullets | - | - | - | - | - |
| Polynemids | 39 | 14 | 14 | 29 | 96 |
| Sciaenids | 107 | 20 | 43 | 242 | 412 |
| Ribbon fish | 44 | 145 | 191 | 344 | 724 |
| <i>Caranx</i> | 16 | 32 | 60 | 89 | 197 |
| <i>Chorinemus</i> | - | 33 | 17 | 18 | 38 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 893 | 170 | 74 | 1008 | 2145 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 6 | - | - | - | 6 |
| Pomfrets | 90 | 398 | 69 | 36 | 593 |
| Mackerel | 135 | 8 | 10 | - | 153 |

Table 92 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------------|
| Seer fish | 22 | 34 | 46 | 303 | 405 |
| Tunnies | - | - | - | - | - |
| <i>Sphyraena</i> | - | - | - | 3 | 3 |
| <i>Mugil</i> | 6 | 4 | - | 5 | 15 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 14 | - | - | - | 14 |
| Penaeid prawns | 342 | 279 | 347 | 6770 | 7738 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | 6 | - | - | - | 6 |
| Cephalopods | - | - | - | - | - |
| Miscellaneous | 190 | 65 | 70 | 846 | 1171 |
| Total | 2651 | 1681 | 1426 | 13195 | 18953 |

Table 93

Quarter-wise landings of marine fishes including trawler catches from Andhra (in tonnes)
during 1967

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 780 | 1633 | 722 | 1090 | 4225 |
| Eels | 31 | 27 | 31 | 102 | 191 |
| Cat fishes | 901 | 1725 | 563 | 468 | 3657 |
| <i>Chirocentrus</i> | 524 | 419 | 529 | 231 | 1703 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 6794 | 481 | 48 | 1696 | 9019 |
| <i>Hilsa ilisha</i> | 89 | 11 | 2 | 98 | 200 |
| Other <i>Hilsa</i> | 198 | 138 | 20 | 2 | 358 |
| <i>Anchoviella</i> | 3706 | 2687 | 93 | 2283 | 8769 |
| <i>Thrissocles</i> | 501 | 572 | 44 | 45 | 1162 |
| Other clupeids | 1003 | 487 | 694 | 298 | 2482 |
| <i>Harpodon nehereus</i> | 192 | - | 62 | 476 | 730 |

Table 93 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------------|
| <i>Saurida & Saurus</i> | 689 | 135 | 29 | 88 | 941 |
| <i>Hemirhamphus & Belone</i> | - | - | - | 119 | 119 |
| Flying fish | - | 3 | - | - | 3 |
| Perches | 180 | 712 | 108 | 49 | 1049 |
| Red mullets | 179 | 66 | 7 | 15 | 267 |
| Polynemids | 333 | 193 | 38 | 54 | 618 |
| Sciaenids | 1039 | 1030 | 524 | 639 | 5232 |
| Ribbon fish | 1676 | 2981 | 1796 | 964 | 7417 |
| <i>Caranx</i> | 346 | 366 | 561 | 1669 | 2942 |
| <i>Chorinemus</i> | 22 | 13 | 11 | 17 | 63 |
| <i>Trachynotus</i> | 2 | - | - | - | 2 |
| Other carangids | 45 | - | - | - | 45 |
| <i>Coryphaena</i> | - | - | - | 3 | 3 |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 1607 | 2333 | 456 | 1179 | 5575 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 150 | 293 | 817 | 271 | 1531 |
| Pomfrets | 400 | 1075 | 612 | 268 | 2355 |
| Mackerel | 967 | 1018 | 23 | 54 | 2062 |
| Seer fish | 588 | 626 | 710 | 282 | 2206 |
| Tunnies | 167 | 17 | 10 | 53 | 247 |
| <i>Sphyraena</i> | 282 | 33 | 16 | 2 | 333 |
| <i>Mugil</i> | 10 | 97 | 125 | 27 | 359 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 36 | 44 | 80 | 111 | 271 |
| Penaeid prawns | 676 | 777 | 4462 | 971 | 6886 |
| Non-penaeid prawns | - | 7 | 1995 | - | 2002 |
| Other crustaceans | 1 | 21 | 198 | 51 | 271 |
| Cephalopods | - | - | - | 4 | 4 |
| Miscellaneous | 971 | 976 | 462 | 346 | 2755 |
| Total | 25185 | 20996 | 15848 | 14025 | 76054 |

Table 94

Quarter-wise landings of marine fishes including trawler catches from Madras (Pondicherry included)
(in tonnes) during 1967

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 2841 | 1934 | 1676 | 1148 | 7599 |
| Eels | 15 | 28 | 9 | 43 | 95 |
| Cat fishes | 775 | 720 | 1349 | 1058 | 3902 |
| <i>Chirocentrus</i> | 1897 | 788 | 773 | 895 | 4353 |
| Oil sardine | - | - | - | 32 | 32 |
| Other sardines | 3862 | 3175 | 2093 | 2398 | 11528 |
| <i>Hilsa ilisha</i> | - | - | 14 | 1 | 15 |
| Other <i>Hilsa</i> | 2524 | 240 | 45 | 95 | 3304 |
| <i>Anchoviella</i> | 164 | 2868 | 160 | 1686 | 7658 |
| <i>Thrissocles</i> | 1978 | 1096 | 363 | 693 | 4130 |
| Other clupeids | 1169 | 198 | 336 | 399 | 2102 |
| <i>Harpodon nehereus</i> | 4 | 2 | - | - | 6 |
| <i>Saurida & Saurus</i> | 151 | 69 | 188 | 165 | 573 |
| <i>Hemirhamphus & Belone</i> | 290 | 218 | 105 | 107 | 720 |
| Flying fish | 1 | 2005 | 1043 | 1 | 3050 |
| Perches | 1905 | 1036 | 1089 | 773 | 4803 |
| Red mullets | 104 | 131 | 380 | 67 | 682 |
| Polynemids | 319 | 60 | 76 | 90 | 545 |
| Sciaenids | 4218 | 1326 | 1142 | 1188 | 7874 |
| Ribbon fish | 2358 | 778 | 2500 | 1530 | 7166 |
| <i>Caranx</i> | 1489 | 1790 | 2024 | 3531 | 8834 |
| <i>Chorinemus</i> | 1273 | 413 | 98 | 80 | 1864 |
| <i>Trachynotus</i> | - | - | 4 | - | 4 |
| Other carangids | - | - | 5 | - | 5 |
| <i>Coryphaena</i> | 2 | 176 | 75 | 3 | 256 |
| <i>Elacate</i> | 51 | 42 | 5 | 8 | 106 |
| <i>Leiognathus</i> | 4229 | 4674 | 7823 | 2993 | 19719 |
| <i>Gazza</i> | 11 | 8 | 9 | 26 | 54 |
| <i>Lactarius</i> | 214 | 500 | 602 | 587 | 1903 |
| Pomfrets | 1043 | 332 | 449 | 79 | 1903 |
| Mackerel | 530 | 1874 | 82 | 874 | 3360 |

Table 94 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Seer fish | 1396 | 663 | 771 | 794 | 3624 |
| Tunnies | 315 | 243 | 108 | 27 | 693 |
| <i>Sphyraena</i> | 430 | 259 | 372 | 165 | 1226 |
| <i>Mugil</i> | 656 | 199 | 273 | 52 | 1180 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 184 | 178 | 320 | 137 | 819 |
| Penaeid prawns | 2507 | 1703 | 1801 | 1005 | 7016 |
| Non-penaeid prawns | 21 | 58 | 52 | 20 | 151 |
| Other crustaceans | 1156 | 1260 | 82 | 680 | 3920 |
| Cephalopods | 45 | 18 | 60 | 17 | 140 |
| Miscellaneous | 2047 | 959 | 1120 | 1465 | 5591 |
| Total | 43654 | 32021 | 31918 | 24912 | 132505 |

Table 95

Quarter-wise landings of marine fishes including trawler catches from Kerala (in tonnes)
during 1967

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|-----------------------------|------------------|-------------------|------------------|-------------------|--------|
| Elasmobranchs | 1569 | 1655 | 1572 | 2534 | 7330 |
| Eels | - | - | 271 | - | 271 |
| Cat fishes | 454 | 2923 | 985 | 3174 | 7536 |
| <i>Chirocentrus</i> | 101 | 120 | 7 | 109 | 337 |
| Oil sardine | 70960 | 11664 | 27843 | 124943 | 235410 |
| Other sardines | 814 | 1525 | 1989 | 4710 | 9038 |
| <i>Hilsa ilisha</i> | - | - | - | - | - |
| Other <i>Hilsa</i> | - | - | 4 | 119 | 123 |
| <i>Anchoviella</i> | 3017 | 1498 | 1480 | 5611 | 11606 |
| <i>Thrissocles</i> | 188 | 549 | 1925 | 123 | 2785 |
| Other clupeids | 135 | 387 | 1812 | 228 | 2562 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | 9 | 3 | 4 | 176 | 192 |

Table 95 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------|
| <i>Hemirhamphus & Belone</i> | 24 | 5 | 8 | 64 | 101 |
| Flying fish | 2 | - | - | - | 2 |
| Perches | 676 | 99 | 643 | 299 | 1717 |
| Red mullets | - | 55 | 86 | 23 | 164 |
| Polynemids | 2 | 10 | 1 | 36 | 49 |
| Sciaenids | 944 | 920 | 1293 | 1153 | 4310 |
| Ribbon fish | 1726 | 2340 | 1553 | 1222 | 6841 |
| <i>Caranx</i> | 508 | 488 | 1508 | 7138 | 9642 |
| <i>Chorinemus</i> | 5 | 38 | 451 | 43 | 537 |
| <i>Trachynotus</i> | - | - | - | 4 | 4 |
| Other carangids | 5 | 69 | 6 | 20 | 100 |
| <i>Coryphaena</i> | 62 | 2 | - | - | 64 |
| <i>Elacate</i> | 1 | 3 | - | 7 | 11 |
| <i>Leiognathus</i> | 1113 | 3408 | 6819 | 647 | 11987 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 14 | 406 | 4210 | 194 | 4824 |
| Pomfrets | 182 | 1034 | 279 | 166 | 1661 |
| Mackerel | 767 | 29 | 2180 | 1524 | 4500 |
| Seer fish | 140 | 62 | 95 | 1056 | 1353 |
| Tunnies | 175 | 789 | 99 | 382 | 1445 |
| <i>Sphyraena</i> | 57 | 33 | 971 | 68 | 1129 |
| <i>Mugil</i> | 210 | 56 | 5 | 14 | 285 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 229 | 838 | 491 | 1643 | 3201 |
| Penaeid prawns | 2894 | 3514 | 15155 | 5601 | 27164 |
| Non-penaeid prawns | 2 | 86 | - | - | 88 |
| Other crustaceans | 22 | 7 | 5 | 24 | 58 |
| Cephalopods | 231 | 24 | 71 | 48 | 374 |
| Miscellaneous | 1479 | 1197 | 805 | 1847 | 5328 |
| Total | 88717 | 35836 | 74626 | 164950 | 364129 |

Table 96

Quarter-wise landings of marine fishes including trawler catches from Mysore (in tonnes)
during 1967

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 430 | 59 | 79 | 263 | 831 |
| Eels | - | - | - | 1 | 1 |
| Cat fishes | 260 | 1089 | 21 | 299 | 1669 |
| <i>Chirocentrus</i> | 14 | 1 | 8 | 61 | 84 |
| Oil sardine | 10770 | 168 | 52 | 9491 | 20481 |
| Other sardines | 79 | - | 6 | 288 | 373 |
| <i>Hilsa ilisha</i> | - | - | - | - | - |
| Other <i>Hilsa</i> | - | 3 | - | 39 | 42 |
| <i>Anchoviella</i> | - | - | 212 | 124 | 336 |
| <i>Thrissocles</i> | 43 | 12 | 92 | 6 | 153 |
| Other clupeids | 92 | 115 | 38 | 110 | 355 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | 10 | 5 | - | 109 | 124 |
| Flying fish | - | - | - | - | - |
| Perches | 5 | 3 | 74 | 8 | 90 |
| Red mullets | - | 1 | - | - | 1 |
| Polynemids | - | - | 4 | 1 | 5 |
| Sciaenids | 118 | 44 | 284 | 46 | 492 |
| Ribbon fish | 47 | 24 | 268 | 4 | 343 |
| <i>Caranx</i> | 18 | 16 | 108 | 885 | 1027 |
| <i>Chorinemus</i> | 194 | 3 | - | 19 | 216 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | 1 | 1 |
| <i>Leiognathus</i> | 70 | 26 | 384 | 113 | 593 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 5 | 18 | 174 | 2 | 199 |
| Pomfrets | 57 | - | 24 | 95 | 180 |
| Mackerel | 249 | - | - | 14801 | 15050 |

Table 96 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------------|
| Seer fish | 13 | 4 | 2 | 266 | 285 |
| Tunnies | 6 | - | - | 100 | 106 |
| <i>Sphyraena</i> | - | - | - | 1 | 1 |
| <i>Mugil</i> | 2 | 2 | 4 | 26 | 34 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 4 | 2 | 717 | 398 | 1121 |
| Penaeid prawns | 542 | 258 | 261 | 199 | 1260 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | - | 2 | 7 | 11 | 18 |
| Cephalopods | - | - | - | - | - |
| Miscellaneous | 2063 | 813 | 124 | 714 | 3714 |
| Total | 15091 | 2668 | 2941 | 28485 | 49185 |

Table 97

Quarter-wise landings of marine fishes including trawler catches from Maharashtra (in tonnes)
during 1967

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1129 | 1974 | 570 | 2022 | 5695 |
| Eels | 594 | 177 | 68 | 1090 | 1929 |
| Cat fishes | 1214 | 1274 | 305 | 2229 | 5022 |
| <i>Chirocentrus</i> | 311 | 512 | 73 | 796 | 1692 |
| Oil sardine | - | - | 352 | 1 | 353 |
| Other sardines | 220 | 28 | 16 | 645 | 909 |
| <i>Hilsa ilisha</i> | 2 | - | 1 | 64 | 67 |
| Other <i>Hilsa</i> | 114 | 37 | 78 | 62 | 291 |
| <i>Anchoviella</i> | - | 12 | 157 | 1 | 170 |
| <i>Thrissocles</i> | 70 | 67 | 380 | 115 | 632 |
| Other clupeids | 1939 | 1358 | 291 | 4944 | 8532 |
| <i>Harpodon nehereus</i> | 2028 | 5846 | 2925 | 17324 | 28123 |

Table 97 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|---------------|
| <i>Saurida & Saurus</i> | 22 | 9 | - | 24 | 55 |
| <i>Hemirhamphus & Belone</i> | 3 | - | 41 | 106 | 150 |
| Flying fish | - | - | - | - | - |
| Perches | 64 | 19 | 56 | 265 | 404 |
| Red mullets | 4 | 2 | 1 | 186 | 193 |
| Polynemids | 868 | 5 | 102 | 92 | 1067 |
| Sciaenids | 1883 | 1398 | 914 | 3386 | 7581 |
| Ribbon fish | 795 | 2668 | 485 | 1199 | 5147 |
| <i>Caranx</i> | 132 | 137 | 73 | 384 | 726 |
| <i>Chorinemus</i> | 5 | 39 | 10 | 63 | 117 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | 45 | 45 |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | 8 | - | 4 | 12 |
| <i>Leiognathus</i> | 2637 | 250 | 7 | 273 | 3167 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 94 | 46 | 13 | 34 | 187 |
| Pomfrets | 1898 | 4184 | 301 | 8640 | 15023 |
| Mackerel | 1 | - | - | 3 | 4 |
| Seer fish | 186 | 31 | 80 | 721 | 1018 |
| Tunnies | - | 14 | 183 | 676 | 873 |
| <i>Sphyraena</i> | - | 1671 | 24 | 4 | 1699 |
| <i>Mugil</i> | 10 | 25 | 60 | 131 | 226 |
| <i>Bregmaceros</i> | 591 | 867 | 6 | 643 | 2107 |
| Soles | 22 | - | 1 | 8 | 31 |
| Penaeid prawns | 472 | 529 | 890 | 6245 | 8136 |
| Non-penaeid prawns | 9223 | 16466 | 308 | 2379 | 28376 |
| Other crustaceans | 13 | 8 | 14 | - | 35 |
| Cephalopods | - | - | - | 2 | 2 |
| Miscellaneous | 464 | 1169 | 392 | 1481 | 3506 |
| Total | 27008 | 40830 | 9177 | 56287 | 133302 |

Table 98

Quarter-wise landings of marine fishes including trawler catches from Gujarat (in tonnes)
during 1967

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 991 | 505 | 407 | 854 | 2757 |
| Eels | 19 | - | 6 | 22 | 47 |
| Cat fishes | 752 | 172 | 284 | 635 | 1843 |
| <i>Chirocentrus</i> | 236 | 69 | 64 | 88 | 457 |
| Oil sardine | - | - | - | 38 | 38 |
| Other sardines | 4 | 2 | 7 | - | 13 |
| <i>Hilsa ilisha</i> | 53 | 18 | 426 | - | 497 |
| Other <i>Hilsa</i> | 1366 | 503 | 685 | 162 | 2716 |
| <i>Anchoviella</i> | - | - | - | - | - |
| <i>Thrissocles</i> | 13 | 8 | 19 | 10 | 50 |
| Other clupeids | 1167 | 341 | 187 | 3589 | 5284 |
| <i>Harpodon nehereus</i> | 9483 | 354 | 1393 | 33076 | 44806 |
| <i>Saurida & Saurus</i> | - | 2 | - | - | 2 |
| <i>Hemirhamphus & Belone</i> | 2 | - | - | 3 | 5 |
| Flying fish | - | - | - | - | - |
| Perches | 34 | 10 | 49 | 79 | 172 |
| Red mullets | - | 37 | - | - | 37 |
| Polynemids | 133 | 8 | 76 | 20 | 237 |
| Sciaenids | 902 | 53 | 73 | 383 | 1411 |
| Ribbon fish | 449 | 179 | 7 | 841 | 1476 |
| <i>Caranx</i> | 10 | 593 | 70 | 205 | 878 |
| <i>Chorinemus</i> | - | - | - | - | - |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | - | - | - | - | - |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | - | - | - | - | - |
| Pomfrets | 806 | 3313 | 695 | 856 | 5670 |
| Mackerel | - | - | - | 23 | 23 |

Table 98 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Seer fish | 284 | 403 | 68 | 144 | 899 |
| Tunnies | - | - | - | - | - |
| <i>Sphyraena</i> | - | - | - | 1 | 1 |
| <i>Mugil</i> | 247 | 201 | 176 | 392 | 1016 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 43 | 9 | 2 | 49 | 103 |
| Penaeid prawns | 534 | 345 | 194 | 2580 | 3653 |
| Non-penaeid prawns | 401 | 1 | 5 | 9 | 416 |
| Other crustaceans | 12 | 1 | 1 | - | 14 |
| Cephalopods | - | - | 1 | - | 1 |
| Miscellaneous | 272 | 187 | 213 | 439 | 1111 |
| Total | 18213 | 7814 | 5108 | 44498 | 75633 |

Table 99

Quarter-wise landings of marine fishes including trawler catches from West Bengal and Orissa
(in tonnes) during 1968

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 46 | 78 | 78 | 24 | 226 |
| Eels | - | - | - | - | - |
| Cat fishes | 141 | 29 | 10 | 95 | 275 |
| <i>Chirocentrus</i> | 108 | 363 | 127 | 392 | 990 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 1577 | 126 | - | 1376 | 3079 |
| <i>Hilsa ilisha</i> | - | - | - | - | - |
| Other <i>Hilsa</i> | - | - | - | - | - |
| <i>Anchoviella</i> | 68 | - | 3 | 673 | 744 |
| <i>Thrissocles</i> | 60 | 131 | 30 | 824 | 1045 |
| Other clupeids | 1054 | 389 | 217 | 717 | 2377 |
| <i>Harpodon nehereus</i> | 793 | 8 | 218 | 1343 | 2362 |

Table 99 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------------|
| <i>Saurida & Saurus</i> | 1 | - | - | - | 1 |
| <i>Hemirhamphus & Belone</i> | 3 | - | - | - | 3 |
| Flying fish | 1 | - | - | - | 1 |
| Perches | 3 | 16 | 8 | - | 27 |
| Red mullets | - | - | - | - | - |
| Polynemids | 14 | 30 | - | 10 | 54 |
| Sciaenids | 389 | 997 | 61 | 1053 | 1600 |
| Ribbon fish | 135 | 136 | 312 | 443 | 1026 |
| <i>Caranx</i> | 134 | 174 | 75 | 150 | 533 |
| <i>Chorinemus</i> | - | 25 | 15 | 4 | 44 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 210 | 297 | 56 | 138 | 701 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | - | 11 | - | - | 11 |
| Pomfrets | 19 | 154 | 105 | 81 | 359 |
| Mackerel | 8 | 5 | - | - | 13 |
| Seer fish | 70 | 142 | 65 | 89 | 366 |
| Tunnies | 5 | - | - | - | 5 |
| <i>Sphyraena</i> | 1 | 16 | - | 2 | 19 |
| <i>Mugil</i> | 8 | - | - | - | 8 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | - | - | - | 29 | 29 |
| Penaeid prawns | 3263 | 261 | 324 | 7024 | 10872 |
| Non-penaeid prawns | - | - | - | - | - |
| Other crustaceans | - | - | - | - | - |
| Cephalopods | 14 | - | 5 | - | 19 |
| Miscellaneous | 900 | 119 | 167 | 1957 | 3143 |
| Total | 9025 | 2607 | 1876 | 16424 | 29932 |

Table 100

Quarter-wise landings of marine fishes including trawler catches from Andhra
(in tonnes) during 1968

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1992 | 1028 | 4360 | 1218 | 8598 |
| Eels | 22 | 186 | 67 | 145 | 420 |
| Cat fishes | 1354 | 934 | 1489 | 492 | 4269 |
| <i>Chirocentrus</i> | 614 | 366 | 1322 | 430 | 2732 |
| Oil sardine | - | - | - | - | - |
| Other sardines | 5426 | 1230 | 434 | 1817 | 8907 |
| <i>Hilsa ilisha</i> | 221 | 4 | 4 | 23 | 252 |
| Other <i>Hilsa</i> | 194 | 177 | 791 | 158 | 1320 |
| <i>Anchoviella</i> | 1329 | 1788 | 134 | 2229 | 5480 |
| <i>Thrissocles</i> | 692 | 37 | 50 | 131 | 910 |
| Other clupeids | 1060 | 1097 | 1436 | 726 | 4317 |
| <i>Harpodon nehereus</i> | 224 | 1 | 370 | 62 | 657 |
| <i>Saurida & Saurus</i> | 458 | 12 | 37 | - | 507 |
| <i>Hemirhamphus & Belone</i> | - | 142 | 3 | - | 145 |
| Flying fish | - | 22 | - | - | 22 |
| Perches | 193 | 187 | 98 | 114 | 592 |
| Red mullets | 204 | 24 | 5 | - | 233 |
| Polynemids | 358 | 172 | 62 | 185 | 777 |
| Sciaenids | 960 | 672 | 486 | 438 | 2557 |
| Ribbon fish | 1213 | 1873 | 1691 | 1589 | 6366 |
| <i>Caranx</i> | 310 | 452 | 386 | 1592 | 2740 |
| <i>Chorinemus</i> | 16 | 146 | 451 | 30 | 643 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | 9 | - | 3 | 12 |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 869 | 1042 | 299 | 989 | 3199 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 541 | 107 | 151 | 137 | 936 |
| Pomfrets | 699 | 907 | 1532 | 1170 | 4308 |
| Mackerel | 1381 | 753 | 12 | 103 | 2249 |

Table 100 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|-------|
| Seer fish | 372 | 434 | 1140 | 846 | 2792 |
| Tunnies | - | 31 | 410 | 37 | 478 |
| <i>Sphyraena</i> | 111 | 37 | 31 | 5 | 184 |
| <i>Mugil</i> | 118 | 84 | 28 | 80 | 310 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 67 | 32 | 28 | 154 | 281 |
| Penaeid prawns | 673 | 2556 | 1905 | 650 | 5784 |
| Non-penaeid prawns | 5 | 30 | 272 | 35 | 342 |
| Other crustaceans | 17 | 4 | 58 | 80 | 159 |
| Cephalopods | 35 | 29 | 33 | 4 | 71 |
| Miscellaneous | 1220 | 804 | 1131 | 723 | 3878 |
| Total | 22948 | 17409 | 20676 | 16396 | 77429 |

Table 101

Quarter-wise landings of marine fishes including trawler catches from Madras (Pondicherry included)
(in tonnes) during 1968

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 2867 | 2298 | 2184 | 1169 | 8518 |
| Eels | 15 | 4 | 6 | 72 | 97 |
| Cat fishes | 784 | 1280 | 963 | 631 | 3658 |
| <i>Chirocentrus</i> | 1897 | 951 | 730 | 994 | 4572 |
| Oil sardine | - | 162 | 24 | 226 | 412 |
| Other sardines | 3862 | 1977 | 2000 | 3148 | 10987 |
| <i>Hilsa ilisha</i> | - | 1 | 1 | 1 | 3 |
| Other <i>Hilsa</i> | 2524 | 150 | 299 | 133 | 3106 |
| <i>Anchoviella</i> | 1644 | 1008 | 1011 | 2474 | 6137 |
| <i>Thrissocles</i> | 1978 | 721 | 444 | 412 | 3555 |
| Other clupeids | 1170 | 609 | 851 | 580 | 3210 |
| <i>Harpodon nehereus</i> | 4 | - | - | - | 4 |

Table 101 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------|
| <i>Saurida & Saurus</i> | 159 | 109 | 188 | 316 | 772 |
| <i>Hemirhamphus & Belone</i> | 290 | 67 | 81 | 125 | 563 |
| Flying fish | 1 | 2526 | 1223 | - | 3750 |
| Perches | 1908 | 1061 | 1480 | 946 | 5395 |
| Red mullets | 104 | 90 | 220 | 173 | 587 |
| Polynemids | 320 | 144 | 149 | 307 | 920 |
| Sciaenids | 4232 | 1373 | 1596 | 1376 | 8577 |
| Ribbon fish | 2358 | 1250 | 3967 | 2045 | 9620 |
| <i>Caranx</i> | 1489 | 1524 | 1169 | 989 | 5171 |
| <i>Chorinemus</i> | 1273 | 559 | 225 | 173 | 2230 |
| <i>Trachynotus</i> | - | 5 | - | - | 5 |
| Other carangids | - | - | - | 1 | 1 |
| <i>Coryphaena</i> | 2 | 182 | 4 | 2 | 190 |
| <i>Elacate</i> | 51 | 20 | 29 | 14 | 114 |
| <i>Leiognathus</i> | 4227 | 7639 | 7641 | 3893 | 23400 |
| <i>Gazza</i> | 11 | 3 | 22 | 59 | 95 |
| <i>Lactarius</i> | 214 | 516 | 864 | 433 | 2027 |
| Pomfrets | 1043 | 188 | 561 | 166 | 1958 |
| Mackerel | 530 | 1205 | 608 | 57 | 2400 |
| Seer fish | 1396 | 457 | 406 | 780 | 3039 |
| Tunnies | 315 | 92 | 116 | 191 | 714 |
| <i>Sphyraena</i> | 430 | 158 | 117 | 126 | 831 |
| <i>Mugil</i> | 656 | 118 | 29 | 87 | 890 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 184 | 109 | 315 | 184 | 792 |
| Penaeid prawns | 2507 | 537 | 1265 | 1324 | 5633 |
| Non-penaeid prawns | 21 | 216 | 108 | 53 | 398 |
| Other crustaceans | 1156 | 505 | 696 | 864 | 3221 |
| Cephalopods | 45 | 51 | 51 | 41 | 188 |
| Miscellaneous | 2057 | 1131 | 961 | 1186 | 5335 |
| Total | 43724 | 30996 | 32604 | 25751 | 133075 |

Table 102

Quarter-wise landings of marine fishes including trawler catches from Kerala (in tonnes)
during 1968

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------|
| Elasmobranchs | 1574 | 374 | 659 | 1568 | 4175 |
| Eels | 1 | - | - | 1 | 2 |
| Cat fishes | 1562 | 191 | 912 | 1508 | 4173 |
| <i>Chirocentrus</i> | 173 | 34 | 12 | 171 | 390 |
| Oil sardine | 47319 | 4213 | 57895 | 137621 | 247048 |
| Other sardines | 2433 | 1902 | 522 | 2866 | 7723 |
| <i>Hilsa ilisha</i> | - | 1 | - | - | 1 |
| Other <i>Hilsa</i> | 1 | 1 | - | 83 | 85 |
| <i>Anchoviella</i> | 839 | 1511 | 1083 | 2219 | 5652 |
| <i>Thrissocles</i> | 184 | 430 | 535 | 144 | 1293 |
| Other clupeids | 196 | 197 | 442 | 183 | 1018 |
| <i>Harpodon nehereus</i> | - | - | - | - | - |
| <i>Saurida & Saurus</i> | 91 | 62 | 166 | 262 | 581 |
| <i>Hemirhamphus & Belone</i> | 9 | - | 31 | 74 | 114 |
| Flying fish | 4 | - | - | - | 4 |
| Perches | 240 | 108 | 956 | 345 | 1649 |
| Red mullets | 48 | 205 | 146 | 96 | 495 |
| Polynemids | - | 7 | 71 | 2 | 80 |
| Sciaenids | 458 | 550 | 1717 | 905 | 3630 |
| Ribbon fish | 67 | 342 | 348 | 235 | 992 |
| <i>Caranx</i> | 458 | 415 | 2093 | 1861 | 4827 |
| <i>Chorinemus</i> | 5 | 35 | 16 | 25 | 81 |
| <i>Trachynotus</i> | 3 | 13 | - | 3 | 19 |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | 12 | - | - | 12 |
| <i>Elacate</i> | - | - | - | 30 | 30 |
| <i>Leiognathus</i> | 644 | 2249 | 3654 | 552 | 7099 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 40 | 227 | 1315 | 189 | 1771 |
| Pomfrets | 338 | 570 | 18 | 47 | 973 |
| Mackerel | 503 | 14 | 248 | 2834 | 3599 |

Table 102 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|---------------|
| Seer fish | 2882 | 74 | 17 | 812 | 3785 |
| Tunnies | 564 | 317 | 50 | 921 | 1852 |
| <i>Sphyraena</i> | 19 | 66 | 374 | 35 | 494 |
| <i>Mugil</i> | 46 | 88 | 39 | 13 | 186 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 1375 | 1888 | 2928 | 3304 | 9495 |
| Penaeid prawns | 5219 | 3315 | 12295 | 4527 | 25356 |
| Non-penaeid prawns | 9 | 26 | - | - | 35 |
| Other crustaceans | 66 | 37 | 44 | 30 | 177 |
| Cephalopods | 263 | 32 | 279 | 548 | 1122 |
| Miscellaneous | 1320 | 1129 | 654 | 2180 | 5283 |
| Total | 68953 | 20635 | 89519 | 166194 | 345301 |

Table 103

Quarter-wise landings of marine fishes including trawler catches from Mysore (in tonnes)
during 1968

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 324 | 630 | 164 | 418 | 1536 |
| Eels | 9 | - | - | 1 | 10 |
| Cat fishes | 242 | 3904 | 21 | 305 | 4472 |
| <i>Chirocentrus</i> | 33 | - | 76 | 130 | 239 |
| Oil sardine | 1859 | 12 | 100 | 51756 | 53727 |
| Other sardines | 133 | 239 | 47 | 826 | 1245 |
| <i>Hilsa ilisha</i> | - | 2 | - | - | 2 |
| Other <i>Hilsa</i> | 13 | - | - | 26 | 39 |
| <i>Anchoviella</i> | 11 | - | 2 | 124 | 137 |
| <i>Thrissocles</i> | 94 | 17 | 105 | 96 | 312 |
| Other clupeids | 185 | 211 | 129 | 67 | 592 |
| <i>Harpodon nehereus</i> | - | - | 4 | - | 4 |

Table 103 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|--------------|
| <i>Saurida & Saurus</i> | - | 13 | 2 | 1 | 16 |
| <i>Hemirhamphus & Belone</i> | 25 | 13 | - | 109 | 147 |
| Flying fish | - | - | - | - | - |
| Perches | 8 | 12 | 37 | 125 | 182 |
| Red mullets | - | - | 2 | - | 2 |
| Polynemids | - | 24 | 47 | 15 | 86 |
| Sciaenids | 244 | 227 | 170 | 180 | 821 |
| Ribbon fish | 101 | 57 | 65 | 23 | 246 |
| <i>Caranx</i> | 320 | 35 | 61 | 889 | 1305 |
| <i>Chorinemus</i> | 2 | - | 2 | 21 | 25 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | 260 | 148 | 753 | 301 | 1462 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 26 | 33 | 156 | 57 | 272 |
| Pomfrets | 120 | 13 | 88 | 3681 | 3902 |
| Mackerel | 143 | - | 96 | 5497 | 5736 |
| Seer fish | 248 | 3 | 113 | 383 | 747 |
| Tunnies | - | - | - | 100 | 100 |
| <i>Sphyraena</i> | - | - | - | 1 | 1 |
| <i>Mugil</i> | 11 | 19 | 12 | 20 | 62 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 43 | 63 | 25 | 144 | 275 |
| Penaeid prawns | 1202 | 817 | 3103 | 303 | 5425 |
| Non-penaeid prawns | - | 1 | - | - | 1 |
| Other crustaceans | 4 | 5 | 7 | - | 16 |
| Cephalopods | - | - | 10 | 3 | 13 |
| Miscellaneous | 1465 | 2480 | 455 | 265 | 4665 |
| Total | 7125 | 8978 | 5852 | 65867 | 87822 |

Table 104

Quarter-wise landings of marine fishes including trawler catches from Maharashtra (in tonnes)
during 1968

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 2114 | 591 | 254 | 1466 | 4425 |
| Eels | 1107 | 73 | 80 | 1194 | 2454 |
| Cat fishes | 1664 | 817 | 333 | 1707 | 4521 |
| <i>Chirocentrus</i> | 281 | 46 | 182 | 654 | 1163 |
| Oil sardine | - | 1 | 16 | 204 | 221 |
| Other sardines | 823 | 22 | 25 | 258 | 1128 |
| <i>Hilsa ilisha</i> | 54 | - | - | 2 | 56 |
| Other <i>Hilsa</i> | 35 | 34 | 90 | 276 | 435 |
| <i>Anchoviella</i> | 41 | 29 | 18 | 17 | 105 |
| <i>Thrissocles</i> | 203 | 130 | 138 | 86 | 557 |
| Other clupeids | 1547 | 1329 | 207 | 4945 | 8028 |
| <i>Harpodon nehereus</i> | 1436 | 5385 | 1604 | 17279 | 25704 |
| <i>Saurida & Saurus</i> | 44 | 7 | - | 66 | 117 |
| <i>Hemirhamphus & Belone</i> | 3 | 1 | 3 | 75 | 82 |
| Flying fish | - | - | - | 30 | 30 |
| Perches | 390 | 99 | 34 | 161 | 684 |
| Red mullets | 59 | 53 | 44 | 316 | 432 |
| Polynemids | 20 | 284 | 17 | 63 | 384 |
| Sciaenids | 2701 | 1644 | 588 | 2208 | 7141 |
| Ribbon fish | 709 | 2895 | 225 | 1818 | 5647 |
| <i>Caranx</i> | 116 | 18 | 16 | 461 | 611 |
| <i>Chorinemus</i> | 8 | 34 | - | 47 | 89 |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | 9 | - | - | - | 9 |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | 1 | - | - | 1 | 2 |
| <i>Leiognathus</i> | 8 | 33 | 25 | 51 | 117 |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | 142 | 44 | 17 | 12 | 215 |
| Pomfrets | 1520 | 672 | 178 | 8122 | 10492 |
| Mackerel | - | 2 | 28 | 433 | 463 |

Table 104 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------|------------------|-------------------|------------------|-------------------|--------|
| Seer fish | 343 | 50 | 328 | 344 | 1065 |
| Tunnies | 53 | 21 | 16 | 70 | 160 |
| <i>Sphyraena</i> | 6 | - | - | 4 | 10 |
| <i>Mugil</i> | 200 | 11 | 88 | 2 | 221 |
| <i>Bregmaceros</i> | 52 | 859 | 59 | 855 | 1825 |
| Soles | 22 | 4 | 26 | 9 | 61 |
| Penaeid prawns | 3598 | 1116 | 265 | 6317 | 11296 |
| Non-penaeid prawns | 2657 | 18666 | 1618 | 7370 | 30311 |
| Other crustaceans | 4 | 4 | 2 | 4 | 14 |
| Cephalopods | 16 | 16 | 37 | 32 | 101 |
| Miscellaneous | 947 | 1070 | 207 | 1316 | 3540 |
| Total | 22933 | 36060 | 6648 | 58275 | 123916 |

Table 105

Quarter-wise landings of marine fishes excluding trawler catches from Gujarat (in tonnes)
during 1968

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|--------------------------|------------------|-------------------|------------------|-------------------|-------|
| Elasmobranchs | 1145 | 695 | 415 | 1064 | 3319 |
| Eels | 254 | 1 | 4 | 139 | 398 |
| Cat fishes | 880 | 392 | 221 | 762 | 2255 |
| <i>Chirocentrus</i> | 224 | 66 | 58 | 95 | 443 |
| Oil sardine | - | - | - | 38 | 38 |
| Other sardines | 1 | 1 | - | 1 | 3 |
| <i>Hilsa ilisha</i> | 180 | 64 | 235 | 2 | 481 |
| Other <i>Hilsa</i> | 1653 | 609 | 355 | 198 | 2815 |
| <i>Anchoviella</i> | - | - | - | - | - |
| <i>Thrissocles</i> | 19 | 29 | 18 | 26 | 92 |
| Other clupeids | 1425 | 313 | 197 | 3733 | 5668 |
| <i>Harpodon nehereus</i> | 9733 | 1056 | 2007 | 40880 | 53676 |

Table 105 (Contd.)

| Name of fish | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|----------------------------------|------------------|-------------------|------------------|-------------------|-------|
| <i>Saurida & Saurus</i> | - | - | - | - | - |
| <i>Hemirhamphus & Belone</i> | - | - | 1 | 1 | 2 |
| Flying fish | - | - | - | - | - |
| Perches | 52 | 66 | 38 | 110 | 266 |
| Red mullets | - | - | - | - | - |
| Polynemids | 33 | 30 | 30 | 37 | 130 |
| Sciaenids | 904 | 116 | 79 | 397 | 1496 |
| Ribbon fish | 444 | 129 | 8 | 970 | 1551 |
| <i>Caranx</i> | 10 | 594 | 78 | 205 | 887 |
| <i>Chorinemus</i> | - | - | - | - | - |
| <i>Trachynotus</i> | - | - | - | - | - |
| Other carangids | - | - | - | - | - |
| <i>Coryphaena</i> | - | - | - | - | - |
| <i>Elacate</i> | - | - | - | - | - |
| <i>Leiognathus</i> | - | - | - | - | - |
| <i>Gazza</i> | - | - | - | - | - |
| <i>Lactarius</i> | - | - | - | - | - |
| Pomfrets | 867 | 3288 | 704 | 922 | 5781 |
| Mackerel | - | - | - | 23 | 23 |
| Seer fish | 365 | 270 | 48 | 160 | 843 |
| Tunnies | - | - | - | - | - |
| <i>Sphyraena</i> | - | - | - | - | - |
| <i>Mugil</i> | 367 | 346 | 162 | 590 | 1465 |
| <i>Bregmaceros</i> | - | - | - | - | - |
| Soles | 39 | 5 | - | 58 | 102 |
| Penaeid prawns | 496 | 374 | 67 | 2284 | 3221 |
| Non-penaeid prawns | 491 | 1 | 5 | 2 | 499 |
| Other crustaceans | - | - | 1 | - | 1 |
| Cephalopods | - | - | 1 | - | 1 |
| Miscellaneous | 245 | 218 | 224 | 442 | 1129 |
| Total | 19827 | 8663 | 4956 | 53139 | 86585 |

S E C T I O N - I V

MARINE FISH LANDINGS FROM GOA, MAJOR ISLANDS AND TRAWLERS
FOR 1956-1968

Table 106

Landings of marine fish from Goa, major islands and trawler catches for the period 1956 to 1968

| Year | Goa | South Andamans | Laccadives | Trawler catches | Total |
|------|-------|-------------------|------------|--------------------|-------|
| 1956 | - | 77 | - | 3175 | 3252 |
| 1957 | - | 96 | - | 4332 | 4428 |
| 1958 | 220 | 92 | - | 4730 | 5042 |
| 1959 | 394 | 123 | - | 4755 | 5272 |
| 1960 | 1439 | 129 | 509 | 7226 | 9303 |
| 1961 | 452 | 131 | 872 | 7207 | 8662 |
| 1962 | - | 155 | 178 | 7717 | 8050 |
| 1963 | - | 159 | 589 | 7425 | 8173 |
| 1964 | - | 148 | 79 | 5064 | 5291 |
| 1965 | 17186 | 224 | 471 | 9203 | 27084 |
| 1966 | 24600 | 330 | 660 | 13380 | 38970 |
| 1967 | 12460 | 410 | 883 | 10387 | 24140 |
| 1968 | 18888 | 341 | - | 13454 | 32683 |

Sign – indicates data not available

S E C T I O N - V

STATE-WISE AND QUARTER-WISE TRAWLER LANDINGS
DURING 1960-1968

Table 107

State-wise and quarter-wise trawler landings in tonnes
(1960-1968)

| Year | State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------|----------------------|------------------|-------------------|------------------|-------------------|-------|
| 1960 | West Bengal & Orissa | 74 | 64 | 11 | 39 | 188 |
| | ,, Andhra | 31 | 37 | 51 | 27 | 146 |
| | ,, Madras | 16 | 31 | 36 | 20 | 103 |
| | ,, Kerala | 646 | 770 | 39 | 624 | 2079 |
| | ,, Mysore | 18 | 12 | - | 4 | 34 |
| | ,, Maharashtra | 1475 | 1368 | 866 | 967 | 4676 |
| 1961 | West Bengal & Orissa | 87 | 79 | 14 | 47 | 227 |
| | ,, Andhra | 98 | 116 | 155 | 91 | 460 |
| | ,, Madras | 14 | 27 | 32 | 19 | 92 |
| | ,, Kerala | 350 | 419 | 23 | 339 | 1131 |
| | ,, Mysore | 439 | 314 | - | 112 | 865 |
| | ,, Maharashtra | 1382 | 1283 | 812 | 909 | 4386 |
| | ,, Gujarat | 37 | 9 | - | - | 46 |
| 1962 | West Bengal & Orissa | 162 | 153 | 27 | 97 | 439 |
| | ,, Andhra | 105 | 125 | 166 | 98 | 494 |
| | ,, Madras | 27 | 53 | 67 | 40 | 187 |
| | ,, Kerala | 324 | 393 | 20 | 312 | 1049 |
| | ,, Mysore | 621 | 444 | - | 159 | 1224 |
| | ,, Maharashtra | 1340 | 1244 | 785 | 879 | 4248 |
| | ,, Gujarat | 58 | 18 | - | - | 76 |
| 1963 | West Bengal & Orissa | 14 | 11 | - | 7 | 32 |
| | ,, Andhra | 73 | 86 | 114 | 67 | 340 |
| | ,, Madras | 17 | 34 | 42 | 27 | 120 |
| | ,, Kerala | 266 | 321 | 17 | 258 | 862 |
| | ,, Mysore | 1351 | 967 | - | 344 | 2662 |
| | ,, Maharashtra | 1025 | 952 | 602 | 671 | 3250 |
| | ,, Gujarat | 120 | 39 | - | - | 159 |

Table 107 (Contd.)

| Year | State | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Total |
|------|--------------------------------------|------------------|-------------------|------------------|-------------------|-------|
| 1964 | Andhra | 39 | 76 | 63 | 53 | 231 |
| | ,, Madras | 66 | 80 | 111 | 40 | 297 |
| | ,, Kerala | 81 | 68 | 22 | 75 | 246 |
| | ,, Mysore | 1991 | 764 | - | 636 | 3391 |
| | ,, Maharashtra | 215 | 184 | - | 349 | 748 |
| | ,, Gujarat | 67 | 34 | 3 | 47 | 151 |
| 1965 | Andhra | 52 | 56 | 3 | 13 | 124 |
| | ,, Madras (excluding Pondicherry) | 7 | 64 | 81 | 65 | 217 |
| | ,, Kerala | 1653 | 1866 | 72 | 1364 | 4955 |
| | ,, Mysore | 1710 | 461 | - | 203 | 2374 |
| | ,, Maharashtra | 437 | 648 | 250 | 20 | 1355 |
| | ,, Gujarat | 85 | 47 | - | 46 | 178 |
| 1966 | Andhra | 30 | 33 | 41 | 55 | 159 |
| | ,, Madras | 42 | 67 | 120 | 70 | 299 |
| | ,, Kerala | 2812 | 3403 | 129 | 1998 | 8342 |
| | ,, Mysore | 1893 | 940 | - | 709 | 3542 |
| | ,, Maharashtra | 612 | 126 | 53 | 212 | 1003 |
| | ,, Gujarat | 28 | 7 | - | - | 35 |
| 1967 | West Bengal & Orissa | 339 | - | - | 26 | 365 |
| | ,, Andhra | 50 | 32 | 31 | 8 | 121 |
| | ,, Madras (including Pondicherry) | 16 | 58 | 128 | 50 | 252 |
| | ,, Kerala | 1208 | 1448 | 143 | 1458 | 4257 |
| | ,, Mysore | 2424 | 706 | - | 783 | 3913 |
| | ,, Maharashtra | 312 | 359 | 426 | 382 | 1479 |
| 1968 | West Bengal & Orissa | 271 | 4 | 24 | 427 | 726 |
| | ,, Andhra | 382 | 478 | 655 | 365 | 1880 |
| | ,, Madras (including Pondicherry) | 86 | 145 | 70 | 78 | 379 |
| | ,, Kerala | 883 | 1007 | 44 | 1302 | 3236 |
| | ,, Mysore | 1967 | 2854 | 1 | 113 | 4935 |
| | ,, Maharashtra | 584 | 912 | 406 | 396 | 2298 |

S E C T I O N - V I

ALL-INDIA SPECIES-WISE MARINE FISH LANDINGS
FOR 1950-1968

Table 108

All India Species-wise annual marine fish landings in tonnes (1950 to 1957)

| Name of fish | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 |
|----------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|
| Elasmobranchs | 17362 | 29599 | 38050 | 15912 | 16020 | 20451 | 21857 | 23081 |
| Eels | - | - | - | - | - | 12351 | 3293 | 6397 |
| Cat fishes | 11779 | 17347 | 18746 | 23318 | 21697 | 18678 | 23307 | 27379 |
| <i>Chirocentrus</i> | 7937 | 1269 | 2159 | 2257 | 5379 | 4384 | 6922 | 5816 |
| Oil sardine | 34420 | 17240 | 13896 | 51831 | 33954 | 30447 | 7412 | 191469 |
| Other sardines | 75211 | 52403 | 47128 | 20978 | 19573 | 41690 | 36453 | 45720 |
| <i>Hilsa ilisha</i> } | - | - | - | - | 2045 | 2321 | 1885 | 902 |
| Other <i>Hilsa</i> } | - | - | - | - | - | - | - | 1245 |
| <i>Anchoviella</i> } | 24620 | 59563 | 41659 | 29097 | 31811 | 25662 | 26998 | 12700 |
| <i>Thrissoctes</i> } | | | | | | | | 4509 |
| Other clupeids | 23192 | 13314 | 21399 | 19020 | 26174 | 19466 | 34358 | 30663 |
| <i>Harpodon nehereus</i> | 14161 | 7262 | 24647 | 45261 | 36051 | 104117 | 127713 | 119500 |
| <i>Saurida & Saurus</i> | | | | | | | 1167 | 212 |
| <i>Hemirhamphus & Belone</i> | - | - | - | - | - | - | 627 | 379 |
| Flying fish | 2009 | 2151 | 1374 | 499 | 1966 | 3258 | 2512 | 984 |
| Perches | 25732 | 3017 | 13261 | 4458 | 4789 | 7075 | 8271 | 6787 |
| Red mullets | 1463 | 1525 | 1088 | 1154 | 1535 | 1128 | 10578 | 3055 |
| Polynemids | - | 800 | 1075 | 1011 | 2284 | 11761 | 8998 | 14846 |
| Sciaenids | 29822 | 33214 | 37378 | 34538 | 73211 | 43282 | 57437 | 29972 |
| Ribbon fish | 18108 | 16946 | 35667 | 56298 | 29556 | 32671 | 24481 | 38427 |

Table 108 (Contd.)

| Name of fish | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| <i>Caranx</i> } | 6122* | 9819* | 9682* | 7181* | 16409* | 18360* | 56628* | 10767 |
| <i>Chorinemus</i> } | - | - | - | - | - | - | - | 3238 |
| <i>Trachynotus</i> | - | - | - | - | - | - | - | 5 |
| Other carangids | - | - | - | - | - | - | - | - |
| <i>Coryphaena & Elacate</i> | - | - | - | - | - | - | 775 | 423 |
| <i>Leiognathus</i> } | | | | | | | 17360 | 16909 |
| <i>Gazza</i> } | 15274 | 20028 | 14261 | 9408 | 20648 | 12618 | | 958 |
| <i>Lactarius</i> } | | | | | | | 10168 | 8101 |
| Pomfrets | 4903 | 9220 | 5923 | 20531 | 18614 | 13682 | 12701 | 16205 |
| Mackerel | 89163 | 104900 | 78014 | 70748 | 28258 | 22796 | 16431 | 89010 |
| Seer fish | 6906 | 7091 | 6312 | 4505 | 6255 | 6045 | 12265 | 8921 |
| Tunnies | 4693 | 848 | 862 | 899 | 2321 | 3371 | 3670 | 3014 |
| <i>Sphyræna</i> | - | 211 | 1517 | 236 | 4052 | 393 | 3360 | 523 |
| <i>Mugil</i> | - | 44 | 297 | - | 41 | 208 | 257 | 1051 |
| <i>Bregmaceros</i> | 2202 | 4831 | 3205 | 14566 | 9753 | 3190 | 1310 | 1138 |
| Soles | 30194 | 1962 | 6469 | 4794 | 1684 | 5595 | 9122 | 3687 |
| Penaeid prawns | | | | | | | 66910 | 74648 |
| Non-penaeid prawns | 74877 | 76797 | 77001 | 90687 | 154225 | 106626 | 92372 | 61374 |
| Other crustaceans | | | | | | | 270 | 791 |
| Cephalopods | - | - | - | - | - | - | - | - |
| Miscellaneous | 59872 | 42595 | 27278 | 52276 | 19953 | 24099 | 10911 | 10710 |
| Total | 580022 | 533916 | 528348 | 581463 | 588258 | 595725 | 718779 | 875516 |

* The figures relate to carangids

Table 109

All India Species-wise annual marine fish landings in tonnes (1958 to 1968)

| Name of fish | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 |
|----------------------------------|--------|-------|--------|--------|--------|-------|--------|--------|--------|--------|--------|
| Elasmobranchs | 242286 | 23446 | 35568 | 33554 | 40761 | 42997 | 34890 | 32054 | 37469 | 29401 | 31028 |
| Eels | 9159 | 6076 | 6140 | 11380 | 8873 | 8685 | 2225 | 2473 | 2426 | 2534 | 3382 |
| Cat fishes | 29872 | 20272 | 25041 | 10928 | 19327 | 17567 | 22729 | 18915 | 22572 | 24299 | 23748 |
| <i>Chirocentrus</i> | 5549 | 5428 | 5320 | 6748 | 8898 | 7645 | 7565 | 7347 | 7884 | 9015 | 10555 |
| Oil sardine | 123731 | 69234 | 189016 | 167884 | 110299 | 63647 | 274333 | 261863 | 247214 | 256324 | 301446 |
| Other sardines | 39958 | 41167 | 32003 | 19764 | 19551 | 27173 | 40398 | 42770 | 64643 | 34980 | 41740 |
| <i>Hilsa ilisha</i> | 991 | 844 | 3345 | 1050 | 1649 | 2754 | 3441 | 1536 | 1068 | 779 | 795 |
| Other <i>Hilsa</i> | 2660 | 3046 | 8443 | 6475 | 5042 | 5319 | 6519 | 9038 | 8906 | 7162 | 7800 |
| <i>Anchoviella</i> | 29346 | 24477 | 35885 | 22103 | 19168 | 28672 | 25199 | 24377 | 26679 | 29237 | 18355 |
| <i>Thrissoles</i> | 3960 | 8108 | 7522 | 4962 | 5872 | 5704 | 6619 | 4811 | 8837 | 9222 | 7764 |
| Other clupeids | 15581 | 21474 | 20654 | 15256 | 12054 | 14485 | 16752 | 18770 | 23262 | 22332 | 25286 |
| <i>Harpodon nehereus</i> | 67188 | 57210 | 108564 | 93844 | 83933 | 91870 | 81342 | 73894 | 77363 | 74882 | 82407 |
| <i>Saurida & Saurus</i> | 238 | 597 | 482 | 865 | 1307 | 660 | 1545 | 540 | 2204 | 1768 | 1995 |
| <i>Hemirhamphus & Belone</i> | 348 | 383 | 213 | 493 | 149 | 3443 | 1527 | 1188 | 1831 | 1478 | 1056 |
| Flying fish | 388 | 1668 | 6470 | 1206 | 4154 | 9962 | 920 | 437 | 3699 | 3073 | 3807 |
| Perches | 11959 | 9389 | 9804 | 15377 | 8958 | 8597 | 12563 | 8544 | 12138 | 8337 | 8810 |
| Red mullets | 2166 | 1526 | 2568 | 2165 | 1596 | 2395 | 5027 | 2011 | 4692 | 1344 | 1749 |
| Polynemids | 5974 | 7666 | 6649 | 5920 | 2802 | 4389 | 2155 | 1750 | 4596 | 2646 | 2431 |
| Sciaenids | 25565 | 20442 | 24947 | 29917 | 32439 | 22570 | 25197 | 23673 | 26032 | 25458 | 26142 |
| Ribbon fish | 41918 | 31830 | 17467 | 19515 | 20586 | 16452 | 25891 | 41921 | 45124 | 29463 | 25586 |
| <i>Caranx</i> | 18133 | 9773 | 21583 | 22551 | 7364 | 17513 | 26923 | 17688 | 19702 | 24302 | 16076 |

Table 109 (Contd.)

| Name of fish | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| <i>Chorinemus</i> | 3014 | 2658 | 4212 | 3517 | 3517 | 3195 | 2448 | 3094 | 3486 | 2836 | 3114 |
| <i>Trachynotus</i> | 59 | 2 | 9 | 7 | 14 | 14 | 115 | 20 | 22 | 10 | 24 |
| Other carangids | - | - | 154 | 113 | 537 | 22 | 51 | 11 | 111 | 195 | 10 |
| <i>Coryphaena & Elacate</i> | 820 | 471 | 500 | 323 | 427 | 195 | 293 | 259 | 314 | 454 | 360 |
| <i>Leiognathus</i> | 12865 | 13200 | 15760 | 15763 | 18104 | 17748 | 28301 | 27147 | 37972 | 43769 | 36385 |
| <i>Gazza</i> | 343 | 293 | 634 | 201 | 164 | 85 | 35 | 66 | 48 | 54 | 95 |
| <i>Lactarius</i> | 16363 | 13842 | 14502 | 8898 | 7656 | 8654 | 6506 | 5983 | 5873 | 8669 | 5301 |
| Pomfrets | 16587 | 17389 | 21850 | 16488 | 25678 | 17256 | 19580 | 17892 | 17845 | 27460 | 27798 |
| Mackerel | 123282 | 62198 | 133655 | 34485 | 29103 | 76980 | 23863 | 43095 | 31959 | 29194 | 20785 |
| Seer fish | 7889 | 6590 | 8650 | 11449 | 10941 | 9116 | 11160 | 9436 | 10113 | 9854 | 12759 |
| Tunnies | 3239 | 2866 | 5615 | 77805 | 2297 | 4454 | 5002 | 3698 | 3063 | 3370 | 3309 |
| <i>Sphyræna</i> | 830 | 972 | 1985 | 1389 | 1120 | 1258 | 1662 | 1924 | 1069 | 4403 | 1547 |
| <i>Mugil</i> | 743 | 246 | 912 | 862 | 880 | 1505 | 2916 | 1413 | 1488 | 3155 | 3148 |
| <i>Bregmaceros</i> | 3884 | 3821 | 6096 | 3900 | 3164 | 5407 | 3721 | 5499 | 2659 | 2107 | 1825 |
| Soles | 12860 | 10361 | 14108 | 7730 | 17644 | 8781 | 6146 | 9835 | 7431 | 6072 | 11145 |
| Penaeid prawns | 29204 | 27632 | 31759 | 39083 | 48251 | 41071 | 63389 | 38085 | 56146 | 62475 | 68346 |
| Non-penaeid prawns | 55987 | 37805 | 36271 | 23685 | 24984 | 40522 | 31506 | 41415 | 34768 | 31033 | 31586 |
| Other crustaceans | 1508 | 2093 | 2571 | 2038 | 1031 | 2061 | 4565 | 2392 | 3716 | 4330 | 3588 |
| Cephalopods | 3 | 349 | 467 | 94 | 96 | 260 | 463 | 265 | 964 | 521 | 1517 |
| Miscellaneous | 7544 | 17743 | 12287 | 13782 | 19852 | 23408 | 24100 | 25648 | 22923 | 24634 | 28348 |
| Total | 755994 | 584587 | 879681 | 683569 | 644244 | 655484 | 859582 | 832777 | 890311 | 862631 | 902948* |

* Figures for Andamans and Laccadives not included

S E C T I O N - V I I

ANNUAL AND QUARTERLY STATE-WISE FISHING EFFORT
IN THOUSAND MAN HOURS DURING 1956-1968

Table 110

Annual state-wise fishing effort in thousand man hours
during 1956-1968

| Year | West Bengal & Orissa | Andhra | Madras* | Kerala | Mysore | Maha- rashtra | Gujarat | Total |
|------|-------------------------------|--------|---------|--------|--------|------------------|---------|--------|
| 1956 | 5489 | 78855 | 85380 | 81687 | 11276 | 49128 | 23071 | 334886 |
| 1957 | 8971 | 47110 | 73855 | 93851 | 11495 | 53997 | 28867 | 318146 |
| 1958 | 9733 | 50628 | 66149 | 95391 | 10809 | 51373 | 29172 | 313255 |
| 1959 | 4737 | 47436 | 69166 | 63328 | 10271 | 32499 | 19893 | 247380 |
| 1960 | 7182 | 48548 | 66849 | 39972 | 9879 | 23228 | 20615 | 216273 |
| 1961 | 5895 | 46138 | 68713 | 37869 | 5702 | 20876 | 24654 | 209847 |
| 1962 | 4743 | 60566 | 72940 | 32279 | 5640 | 22633 | 19043 | 217844 |
| 1963 | 5312 | 52365 | 50315 | 37139 | 6889 | 19522 | 24618 | 196160 |
| 1964 | 4958 | 40861 | 46862 | 39224 | 4364 | 15420 | 23663 | 175352 |
| 1965 | 6549 | 55365 | 48247 | 46303 | 3480 | 14845 | 12487 | 187276 |
| 1966 | 6562 | 54029 | 53496 | 48130 | 6520 | 15503 | 13951 | 198191 |
| 1967 | 11486 | 38335 | 45166 | 43476 | 5281 | 25326 | 17784 | 186854 |
| 1968 | 15224 | 35898 | 48539 | 41332 | 7214 | 21567 | 18902 | 188676 |

* Including Pondicherry

Table 111

Quarter-wise fishing effort in thousand man hours in
West Bengal & Orissa and Andhra during 1956-1968

| Year | West Bengal & Orissa | | | | Andhra | | | |
|------|----------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | First Quarter | Second Quarter | Third Quarter | Fourth Quarter |
| 1956 | 1865 | 479 | 492 | 2653 | 29805 | 21252 | 16647 | 11151 |
| 1957 | 2594 | 579 | 1209 | 4589 | 13869 | 12608 | 9461 | 11174 |
| 1958 | 5337 | 1050 | 1124 | 2222 | 16177 | 13061 | 14358 | 7032 |
| 1959 | 1940 | 1033 | 455 | 1359 | 14089 | 11652 | 11162 | 10533 |
| 1960 | 2435 | 1366 | 1186 | 2195 | 16294 | 9381 | 11310 | 11563 |
| 1961 | 1887 | 1450 | 890 | 1668 | 14350 | 10876 | 9849 | 11063 |
| 1962 | 1212 | 850 | 1189 | 1492 | 15812 | 13730 | 16587 | 14437 |
| 1963 | 1431 | 1003 | 1060 | 1818 | 18052 | 11157 | 13232 | 9924 |
| 1964 | 1540 | 904 | 633 | 1881 | 9140 | 10488 | 13661 | 7572 |
| 1965 | 2741 | 599 | 963 | 2246 | 12596 | 14060 | 13333 | 15376 |
| 1966 | 2459 | 1184 | 1175 | 1744 | 18857 | 12944 | 8772 | 13456 |
| 1967 | 2621 | 2149 | 1933 | 4783 | 12696 | 9378 | 7151 | 9110 |
| 1968 | 5046 | 3179 | 1849 | 5150 | 10519 | 7311 | 8006 | 10062 |

Table 112

Quarter-wise fishing effort in thousand man hours in
Madras and Kerala during 1956-1968

| Year | Madras* | | | | Kerala | | | |
|------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | First Quarter | Second Quarter | Third Quarter | Fourth Quarter |
| 1956 | 19048 | 21730 | 27263 | 17339 | 14014 | 16324 | 27651 | 23698 |
| 1957 | 16655 | 17014 | 23117 | 17069 | 20945 | 15867 | 29063 | 27978 |
| 1958 | 17902 | 14006 | 19844 | 14397 | 25039 | 17731 | 23509 | 29112 |
| 1959 | 17511 | 17153 | 19295 | 15207 | 22267 | 16272 | 11773 | 13016 |
| 1960 | 17575 | 18656 | 17717 | 12901 | 11746 | 7103 | 9158 | 11965 |
| 1961 | 15316 | 15361 | 20579 | 17457 | 8903 | 7523 | 7065 | 14378 |
| 1962 | 17710 | 20020 | 17117 | 18093 | 8968 | 4980 | 7849 | 10482 |
| 1963 | 14655 | 10120 | 14230 | 11310 | 8151 | 9083 | 8156 | 11749 |
| 1964 | 13105 | 11280 | 12097 | 10380 | 6664 | 8788 | 10537 | 13235 |
| 1965 | 9752 | 12596 | 15726 | 10173 | 11764 | 6933 | 12934 | 14672 |
| 1966 | 15859 | 12659 | 13395 | 11583 | 11651 | 8833 | 12516 | 15130 |
| 1967 | 12803 | 12620 | 10548 | 9195 | 10219 | 9637 | 8857 | 14763 |
| 1968 | 12803 | 11660 | 12858 | 11218 | 12266 | 6981 | 9176 | 12909 |

* Including Pondicherry

Table 113

Quarter-wise fishing effort in thousand man hours in
Mysore and Maharashtra during 1956-1968

| Year | Mysore | | | | Maharashtra | | | |
|------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | First Quarter | Second Quarter | Third Quarter | Fourth Quarter |
| 1956 | 1449 | 363 | 1362 | 8102 | 14160 | 8777 | 10487 | 15704 |
| 1957 | 1652 | 1877 | 2695 | 5271 | 14850 | 12133 | 5680 | 21334 |
| 1958 | 2507 | 1046 | 1818 | 5438 | 16345 | 13776 | 2426 | 18826 |
| 1959 | 2775 | 1174 | 1711 | 4611 | 12725 | 7984 | 2495 | 9295 |
| 1960 | 3066 | 838 | 1432 | 4543 | 5414 | 3448 | 3566 | 10800 |
| 1961 | 1920 | 911 | 700 | 2171 | 5557 | 4928 | 2473 | 7918 |
| 1962 | 2098 | 858 | 826 | 1858 | 6674 | 6137 | 1757 | 8065 |
| 1963 | 1510 | 636 | 1162 | 3581 | 5640 | 5465 | 1567 | 6850 |
| 1964 | 1016 | 611 | 858 | 1879 | 4034 | 3561 | 1636 | 6189 |
| 1965 | 1079 | 315 | 564 | 1522 | 4246 | 4628 | 1454 | 4517 |
| 1966 | 809 | 838 | 2233 | 2640 | 2875 | 3503 | 1974 | 7151 |
| 1967 | 1067 | 666 | 1037 | 2511 | 6712 | 7585 | 1663 | 9366 |
| 1968 | 1723 | 949 | 1715 | 2827 | 3342 | 5185 | 1505 | 11535 |

Table 114

Quarter-wise fishing effort in thousand man hours in
Gujarat during 1956-1968

| Year | First Quarter | Second Quarter | Third Quarter | Fourth Quarter |
|------|------------------|-------------------|------------------|-------------------|
| 1956 | 7574 | 3502 | 3616 | 8379 |
| 1957 | 8944 | 5958 | 2952 | 11013 |
| 1958 | 8360 | 7489 | 2212 | 11111 |
| 1959 | 8699 | 4920 | 1989 | 4285 |
| 1960 | 6504 | 4985 | 1965 | 7161 |
| 1961 | 8710 | 4439 | 3172 | 8333 |
| 1962 | 4671 | 2108 | 2152 | 10112 |
| 1963 | 2576 | 370 | 1324 | 20348 |
| 1964 | 2809 | 1417 | 1181 | 18256 |
| 1965 | 3481 | 3260 | 1421 | 4325 |
| 1966 | 3435 | 2774 | 2248 | 5494 |
| 1967 | 3533 | 6060 | 1564 | 6627 |
| 1968 | 6669 | 3692 | 1449 | 7092 |

A P P E N D I X - I

STATISTICS OF FISHING VILLAGES, FISHERMEN
POPULATION AND FISHING CRAFT

A P P E N D I X - I I

MECHANISED/MOTORISED FISHING VESSELS
IN MARITIME STATES

A P P E N D I X - I I I

EXPORTS OF MARINE PRODUCTS FROM INDIA
1960-1968

Appendix I

Statistics of marine fishermen population and fishing craft
(Based on sample surveys during 1961-62)

| State | Number of marine fishing villages | Marine Fishermen Population | Number of active marine fishermen | Number of fishing crafts | Average annual marine fish landing during 1961-65 (in tonnes) |
|-------------|---|-----------------------------------|--|--------------------------------|---|
| West Bengal | 26 | 2311 | 606 | 108 | 10180 |
| Orissa | 156 | 33630 | 8828 | 2786 | |
| Andhra | 321 | 136893 | 47700 | 19772 | 65391 |
| Madras | 363 | 214868 | 56586 | 29661 | 116248 |
| Kerala | 279 | 333822 | 74241 | 20667 | 262648 |
| Mysore | 131 | 51636 | 8963 | 6357 | 52919 |
| Maharashtra | 265 | 103535 | 20698 | 7894 | 123458 |
| Gujarat | 256 | 82242 | 11732 | 3179 | 92834 |

Appendix II

Mechanised/Motorised fishing vessels in maritime states

| State | As on date | Categories of vessels (length in feet) | | | | | | Total |
|--------------------------|------------|--|---------|---------|---------|-------------|-------------------|-------|
| | | Upto 30' | 31'-40' | 41'-50' | 51'-60' | 61' & above | | |
| West Bengal | 31.12.1968 | 10 | 5 | - | - | - | 15 | |
| Orissa | 31.12.1968 | - | - | - | - | - | 50 | |
| Andhra | 31.08.1968 | - | - | - | - | - | 350 | |
| Tamil Nadu | 31.03.1969 | 660 | 153 | - | - | - | 813 | |
| Kerala | 30.06.1969 | 784 | 422 | 1 | - | - | 1207 | |
| Mysore | 30.08.1969 | 463 | 133 | 8 | - | 1 | 605 | |
| Maharashtra | 30.06.1968 | - | - | - | - | - | 2197 | |
| Gujarat | 31.12.1968 | - | - | - | - | - | 1292 | |
| Pondicherry | 30.06.1969 | 16 | 8 | - | - | - | 24 | |
| Goa | 31.12.1968 | 1 | 28 | 2 | - | - | 31 | |
| Daman and Diu | 31.12.1967 | - | - | - | - | - | 68 | |
| Andamans | 30.06.1968 | - | - | - | - | - | 5 | |
| Laccadives | 30.06.1969 | - | - | - | - | - | 51 | |
| Government of India | | | | | | | | |
| Deep Sea Fishing Station | 31.05.1969 | - | - | - | - | - | 17 | |
| Indo-Norwegian Project | 19.09.1968 | 1 | 6 | - | - | 5 | 12 | |
| | | | | | | | <u>Total 6737</u> | |

N. B.:- Particulars furnished here are based on information received from Central and State fisheries Departments and Union Territories. These include vessels owned and operated directly by the Central and State Government organisations or built by the State Governments and issued to the private sector. Mechanised boats built by private agencies, of which there is a good number, are not included in the above list, as the statistics regarding these are not available. Some of the Government owned vessels employed for marine researches, in experimental studies on craft and gear etc. and also for imparting training are not included.

Appendix III

Exports of marine products from India 1960-1968

| | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 |
|-------------------------|--------------|------------|------------|------------|------------|------------|------------|-------------|-------------|
| Frozen prawns | Q 1,211,165 | 51,462,656 | 2,238,190 | 3,966,899 | 5,870,031 | 7,028,121 | 8,783,545 | 11,173,489 | 14,397,425 |
| | V 5,866,123 | 7,366,872 | 10,820,276 | 21,203,766 | 31,518,242 | 41,421,834 | 88,791,851 | 129,808,364 | 156,340,498 |
| Canned prawns | Q 319,510 | 621,773 | 969,923 | 1,231,274 | 1,073,927 | 1,148,002 | 1,523,327 | 2,200,383 | 2,237,923 |
| | V 1,784,047 | 4,222,907 | 6,558,924 | 7,575,594 | 6,991,927 | 9,505,799 | 18,656,606 | 31,243,273 | 26,156,195 |
| Frozen lobster tails | Q - | - | 39,763 | 53,304 | 41,304 | 111,600 | 80,802 | 128,287 | 297,284 |
| | V - | - | 226,364 | 312,721 | 371,021 | 1,274,517 | 1,474,477 | 2,356,715 | 6,683,959 |
| Frozen crab meat | Q - | - | - | - | - | 864 | 1,325 | 429 | - |
| | V - | - | - | - | - | 4,498 | 7,682 | 2,495 | - |
| Shark fins and fishmaws | Q 298,420 | 292,250 | 349,567 | 341,552 | 378,071 | 243,974 | 139,440 | 295,605 | 331,023 |
| | V 2,073,754 | 2,229,494 | 3,442,145 | 3,050,943 | 2,881,985 | 2,032,547 | 1,339,721 | 3,709,251 | 4,689,734 |
| Dried prawns | Q - | - | - | 2,808,675 | 3,008,650 | 1,702,270 | 1,463,142 | 1,540,089 | 1,410,759 |
| | V - | - | - | 9,324,698 | 8,996,764 | 5,446,894 | 5,270,682 | 8,961,115 | 7,258,581 |
| Dried fish | Q 10,201,331 | 8,804,194 | 3,963,227 | 8,703,745 | 10,173,565 | 4,430,990 | 6,552,756 | 5,146,991 | 5,387,918 |
| | V 20,665,068 | 13,844,799 | 4,549,967 | 13,720,942 | 15,786,581 | 6,521,827 | 13,245,714 | 13,238,048 | 14,044,596 |
| Frozen fish | Q - | - | - | 10,808 | 3,208 | 8,147 | 1,986 | 1,536 | 5,163 |
| | V - | - | - | 37,023 | 11,509 | 30,083 | 24,967 | 12,261 | 50,049 |
| Fish pickles | Q - | - | - | 6,061 | 9,182 | 5,070 | 4,960 | 2,804 | 5,871 |
| | V - | - | - | 38,555 | 58,178 | 33,017 | 74,613 | 24,273 | 50,551 |

Exports of marine products from India 1960-1968 (Contd.)

| | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 |
|-------------------|------|---------|---------|---------|---------|---------|--------|-----------|-----------|
| Prawn powder | Q | - | - | 255,015 | 511,187 | 104,011 | 81,487 | 123,006 | 5,243 |
| | V | - | - | 84,363 | 125,768 | 66,553 | 53,471 | 98,643 | 21,156 |
| Cuttle fish bones | Q | - | - | 421 | 7,715 | 7,968 | 17,345 | 2,507 | 27,228 |
| | V | - | - | 11,139 | 18,890 | 37,184 | 50,384 | 25,783 | 98,051 |
| Turtle meat | Q | - | - | 8,861 | 11,575 | 476 | 2,518 | 2,174 | - |
| | V | - | - | 81,206 | 58,504 | 12,324 | 60,423 | 52,409 | - |
| Beach-de-mer | Q | - | - | 3,049 | 1,275 | 24,974 | 21,886 | 38,422 | 64,535 |
| | V | - | - | 7,529 | 2,550 | 21,125 | 39,631 | 43,672 | 103,820 |
| Turtle shells | Q | 101,772 | 44,401 | 11,535 | - | 2,016 | 4,570 | 60,269 | 834 |
| | V | 208,863 | 115,314 | 33,926 | - | 4,429 | 80,144 | 16,396 | 11,603 |
| Prawn pickles | Q | - | - | - | 683 | 885 | 1,782 | 4,150 | 8,404 |
| | V | - | - | - | 2,805 | 3,175 | 12,512 | 29,930 | 63,815 |
| Fish oil | Q | - | - | - | - | 69,527 | 49,560 | 49,279 | 82,255 |
| | V | - | - | - | - | 66,552 | 60,348 | 73,228 | 140,916 |
| Other items | Q | - | - | - | - | - | - | 994,868 | 548,377 |
| | V | - | - | - | - | - | - | 9,589,652 | 5,132,713 |

Q – Quantity (in kg)

V – Value (in Rupees)

Source: Marine Products Export Promotion Council, Ernakulam

