

# Marine Fish Production in India

1950 – 1968



BULLETIN No. 13

CENTRAL MARINE FISHERIES RESEARCH INSTITUTE

JULY 1969



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MARINE FISH PRODUCTION IN INDIA  
1950 – 1968

By  
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July 1969

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India

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INTERVALS AS AND WHEN INFORMATION OF A GENERAL  
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## C O N T E N T S

	Page
FOREWORD	i
INTRODUCTION	1
SECTION 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	3
SECTION II: QUARTER-WISE LANDINGS OF SELECTED CATEGORIES OF MARINE FISHES IN EACH STATE DURING 1956-1959	11
SECTION III: QUARTER-WISE SPECIES COMPOSITION IN LANDINGS OF MARINE FISHES IN EACH STATE DURING 1960-1968	33
SECTION IV: MARINE FISH LANDINGS FROM GOA, MAJOR ISLANDS AND TRAWLERS FOR 1956-1968	127
SECTION V: STATE-WISE AND QUARTER-WISE TRAWLER LANDINGS DURING 1960-1968	129
SECTION VI: ALL-INDIA SPECIES-WISE MARINE FISH LANDINGS FOR 1950-1968	131
SECTION VII: ANNUAL AND QUARTERLY STATE-WISE FISHING EFFORT IN THOUSAND MAN HOURS DURING 1956-1968	135
APPENDIX I: STATISTICS OF FISHING VILLAGES, FISHERMEN POPULATION AND FISHING CRAFT	141
APPENDIX II: MECHANISED/MOTORISED FISHING VESSELS IN MARITIME STATES	142
APPENDIX III: EXPORTS OF MARINE PRODUCTS FROM INDIA 1960-1968	143



## 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.

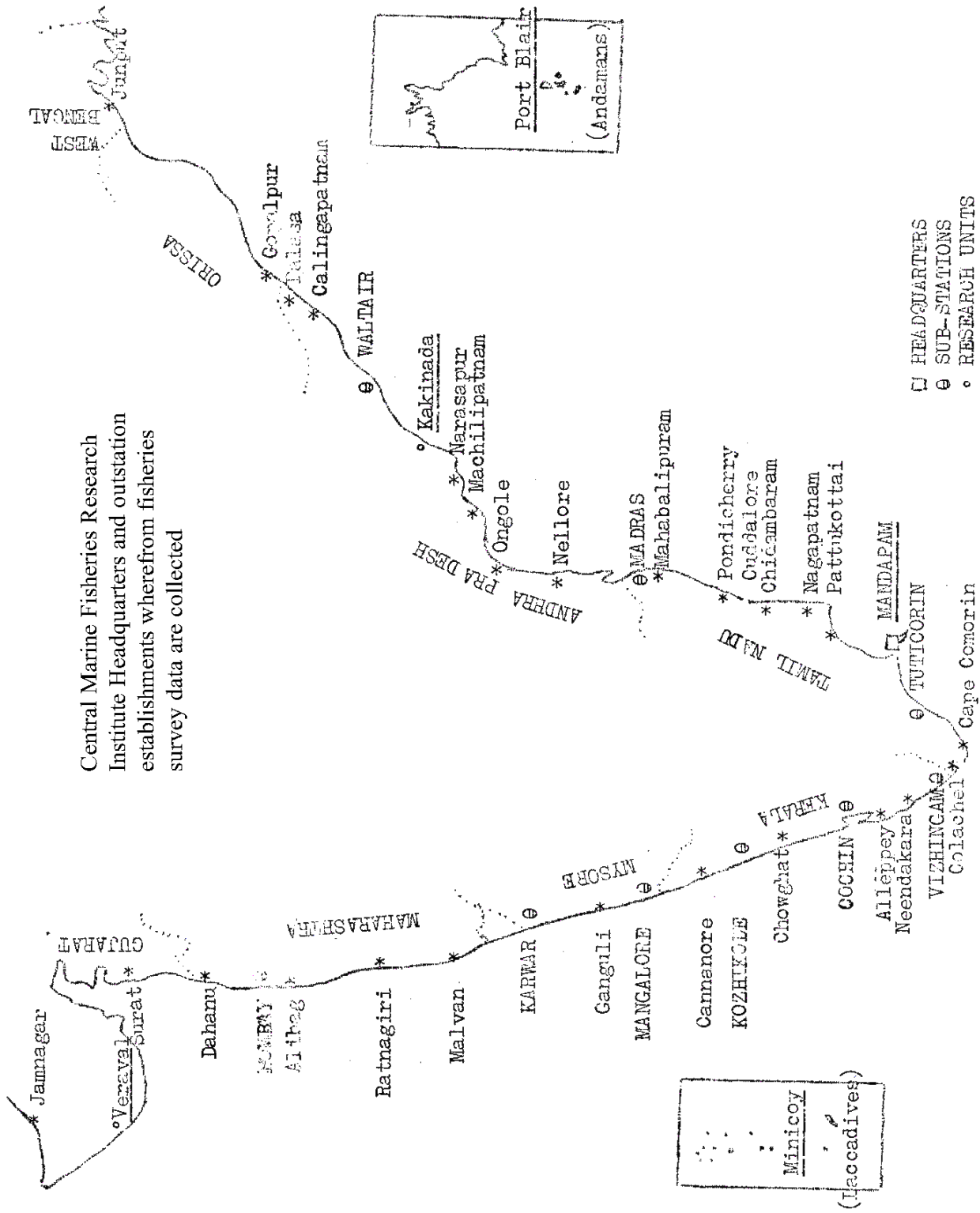
The marine fishery production data being essential for scientific institutions, the information in whatever manner required has been made available hitherto to all at request. The purpose of this Bulletin is to enable easy accessibility of marine fisheries catch statistics to a wider circle of scientific 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
<b>Total</b>	<b>140,149</b>	<b>129,773</b>	<b>169,182</b>	<b>276,423</b>	<b>715,527</b>

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 &amp; Thrissocles</i>	159	33	28	22	242
<i>Harpodon nehereus &amp; Saurida</i>	3	3	16	3038	3060
Sciaenids	299	48	43	245	635
Ribbon fish	41	1	41	1294	1377
<i>Leiognathus &amp; 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 &amp; 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 &amp; 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 &amp; 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 &amp; 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
<b>Total</b>	<b>11809</b>	<b>18296</b>	<b>81780</b>	<b>40328</b>	<b>152213</b>

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 &amp; 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
<b>Total</b>	<b>2648</b>	<b>1206</b>	<b>3956</b>	<b>12469</b>	<b>20279</b>

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 &amp; Thrissocles</i>	114	71	45	493	723
<i>Harpodon nehereus &amp; Saurida</i>	1175	1	-	470	1646
Sciaenids	171	153	174	157	655
Ribbon fish	155	185	300	279	919
<i>Leiognathus &amp; 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 &amp; Thriassocles</i>	1293	3622	123	2719	7757
<i>Harpodon nehereus &amp; 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 &amp; 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 &amp; Thrissocles</i>	737	755	1769	1386	4647
<i>Hemirhamphus &amp; 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 &amp; 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 &amp; 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 &amp; 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
<b>Total</b>	<b>36153</b>	<b>19663</b>	<b>78884</b>	<b>175711</b>	<b>310411</b>

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 &amp; 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
<b>Total</b>	<b>3510</b>	<b>1823</b>	<b>8828</b>	<b>61929</b>	<b>76090</b>

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 &amp; Thrissocles</i>	294	66	111	145	616
<i>Harpodon nehereus &amp; Saurida</i>	71	23	5	51	150
Sciaenids	163	73	114	156	506
Ribbon fish	164	14	108	303	589
<i>Leiognathus &amp; 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 &amp; 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 &amp; 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 &amp; Thriassocles</i>	803	3450	9066	6588	19907
<i>Hemirhamphus &amp; 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 &amp; 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 &amp; 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 &amp; 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 &amp; Thrissoles</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
<b>Total</b>	<b>39043</b>	<b>44433</b>	<b>6060</b>	<b>62117</b>	<b>151653</b>

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
<b>Total</b>	<b>15938</b>	<b>21605</b>	<b>3242</b>	<b>34349</b>	<b>75134</b>

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 &amp; Thriassocles</i>	132	9	-	71	212
<i>Harpodon nehereus &amp; Saurida</i>	64	3	28	30	125
Sciaenids	117	70	36	65	288
Ribbon fish	103	18	39	61	221
<i>Leiognathus &amp; 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
<b>Total</b>	<b>1906</b>	<b>847</b>	<b>375</b>	<b>1093</b>	<b>4221</b>



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 &amp; Thrissocles</i>	2556	275	177	392	3900
<i>Harpodon nehereus &amp; 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 &amp; 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 &amp; Thrissocles</i>	2485	1952	6126	2219	12782
<i>Hemirhamphus &amp; 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 &amp; 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 &amp; 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 &amp; Saurus</i>	3	-	-	-	3
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	33	31	7	47	118
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	142	29	78	90	339
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>22094</b>	<b>29905</b>	<b>33561</b>	<b>22353</b>	<b>107913</b>

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 &amp; Saurus</i>	2	2	8	4	16
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	1	-	-	-	1
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>7264</b>	<b>805</b>	<b>4605</b>	<b>87917</b>	<b>100591</b>

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 &amp; Saurus</i>	5	-	-	-	5
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>29987</b>	<b>17234</b>	<b>13736</b>	<b>70891</b>	<b>131848</b>

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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>16295</b>	<b>16548</b>	<b>6288</b>	<b>88851</b>	<b>127982</b>

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 &amp; Saurus</i>	-	-	-	8	8
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	100	30	16	117	263
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	139	33	268	149	589
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	1	1	-	3	5
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>2332</b>	<b>998</b>	<b>1399</b>	<b>13384</b>	<b>18113</b>

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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	1	-	-	1	2
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	44	16	7	41	108
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>22627</b>	<b>16971</b>	<b>8295</b>	<b>12628</b>	<b>60521</b>

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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	14	6	316	3	339
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>42484</b>	<b>12738</b>	<b>34480</b>	<b>102768</b>	<b>192470</b>

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 &amp; Saurus</i>	362	145	125	202	834
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	6	10	-	8	24
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>28185</b>	<b>34350</b>	<b>5897</b>	<b>59524</b>	<b>127956</b>

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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	2	2	-	1	5
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>2619</b>	<b>3931</b>	<b>1334</b>	<b>3292</b>	<b>11176</b>

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 &amp; Saurus</i>	30	24	74	76	204
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	148	4	128	60	340
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>20293</b>	<b>23556</b>	<b>38034</b>	<b>27719</b>	<b>109602</b>

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 &amp; Saurus</i>	6	18	24	30	78
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	1	7	-	1	9
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>4549</b>	<b>2970</b>	<b>6235</b>	<b>25422</b>	<b>39176</b>

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 &amp; Saurus</i>	8	10	3	3	24
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>25871</b>	<b>34441</b>	<b>5113</b>	<b>59162</b>	<b>124587</b>



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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	31	-	-	-	31
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	41	242	1	5	189
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	243	48	93	259	643
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	12	30	1	19	62
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>39080</b>	<b>20596</b>	<b>89341</b>	<b>168956</b>	<b>317973</b>

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 &amp; Saurus</i>	1	-	-	27	28



Table 75 (Contd.)

Name of fish	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>11793</b>	<b>1682</b>	<b>1806</b>	<b>88937</b>	<b>104218</b>

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 &amp; Saurus</i>	6	-	7	479	492
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>22828</b>	<b>30921</b>	<b>7683</b>	<b>69171</b>	<b>130603</b>

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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>20175</b>	<b>5938</b>	<b>1894</b>	<b>64874</b>	<b>92881</b>

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 &amp; Saurus</i>	-	-	-	2	2
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	11	-	1	-	12
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>22748</b>	<b>18639</b>	<b>16801</b>	<b>18289</b>	<b>76477</b>

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 &amp; Saurus</i>	66	61	49	117	293
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	40	14	134	11	199
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>118987</b>	<b>41704</b>	<b>77829</b>	<b>100653</b>	<b>339173</b>

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 &amp; Saurus</i>	2	4	-	-	6
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	4	-	-	23	27
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>22868</b>	<b>39256</b>	<b>12061</b>	<b>57722</b>	<b>131907</b>

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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>23819</b>	<b>7282</b>	<b>4211</b>	<b>45278</b>	<b>80590</b>

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 &amp; Saurus</i>	1	7	-	-	8

Table 85 (Contd.)

Name of fish	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	-	-	-	16	16
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	271	66	139	81	557

Table 87 (Contd.)

Name of fish	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	6	29	126	12	173
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	12	4	-	3	19
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>6330</b>	<b>3095</b>	<b>7316</b>	<b>48889</b>	<b>65630</b>

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 &amp; Saurus</i>	1189	-	-	223	1412
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	17	2	-	-	19
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	5	-	-	-	5
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>2651</b>	<b>1681</b>	<b>1426</b>	<b>13195</b>	<b>18953</b>

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 &amp; Saurus</i>	689	135	29	88	941
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>25185</b>	<b>20996</b>	<b>15848</b>	<b>14025</b>	<b>76054</b>

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 &amp; Saurus</i>	151	69	188	165	573
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	9	3	4	176	192

Table 95 (Contd.)

Name of fish	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>15091</b>	<b>2668</b>	<b>2941</b>	<b>28485</b>	<b>49185</b>

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 &amp; Saurus</i>	22	9	-	24	55
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>27008</b>	<b>40830</b>	<b>9177</b>	<b>56287</b>	<b>133302</b>

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 &amp; Saurus</i>	-	2	-	-	2
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	1	-	-	-	1
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>9025</b>	<b>2607</b>	<b>1876</b>	<b>16424</b>	<b>29932</b>

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 &amp; Saurus</i>	458	12	37	-	507
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	159	109	188	316	772
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>43724</b>	<b>30996</b>	<b>32604</b>	<b>25751</b>	<b>133075</b>



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 &amp; Saurus</i>	91	62	166	262	581
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>68953</b>	<b>20635</b>	<b>89519</b>	<b>166194</b>	<b>345301</b>

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 &amp; Saurus</i>	-	13	2	1	16
<i>Hemirhamphus &amp; 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
<b>Total</b>	<b>7125</b>	<b>8978</b>	<b>5852</b>	<b>65867</b>	<b>87822</b>

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 &amp; Saurus</i>	44	7	-	66	117
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>	-	-	-	-	-
<i>Hemirhamphus &amp; 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 &amp; Saurus</i>							1167	212
<i>Hemirhamphus &amp; 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 &amp; 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 &amp; Saurus</i>	238	597	482	865	1307	660	1545	540	2204	1768	1995
<i>Hemirhamphus &amp; 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 &amp; 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

