



FISH PRODUCTION REPORT

2021-2022



Department of Fisheries
Government of Maharashtra

Fish Production Report

2021-22

Department of Fisheries
Government of Maharashtra
Mumbai.

P R E F A C E



The Commissionerate of fisheries, Maharashtra state here by brings out “Fish Production Report” and Data related to various activities of the Department Periodically. This Report for the year 2021-22 is the Forty two in the Series... The report contains data on various aspects of Marine & Inland fish production according to varieties, prices, locations, district, craft, seasonal variations, utilization and export of Marine fish and fish products and efforts by the fishing fleets, etc.

I sincerely appreciate the interest and hard work of the Officers and Staff of Statistical Wing of this Commissionerate in bringing out this Publication.

I hope that, this publication would be very useful to policy makers, administrators, planners, research workers and others. Any suggestion towards the improvement of this report is welcome.

A handwritten signature in black ink, appearing to read 'Dr. Atul Patne'.

(Dr. Atul Patne, I.A.S.)
Commissioner of Fisheries
Maharashtra State, Mumbai

Mumbai

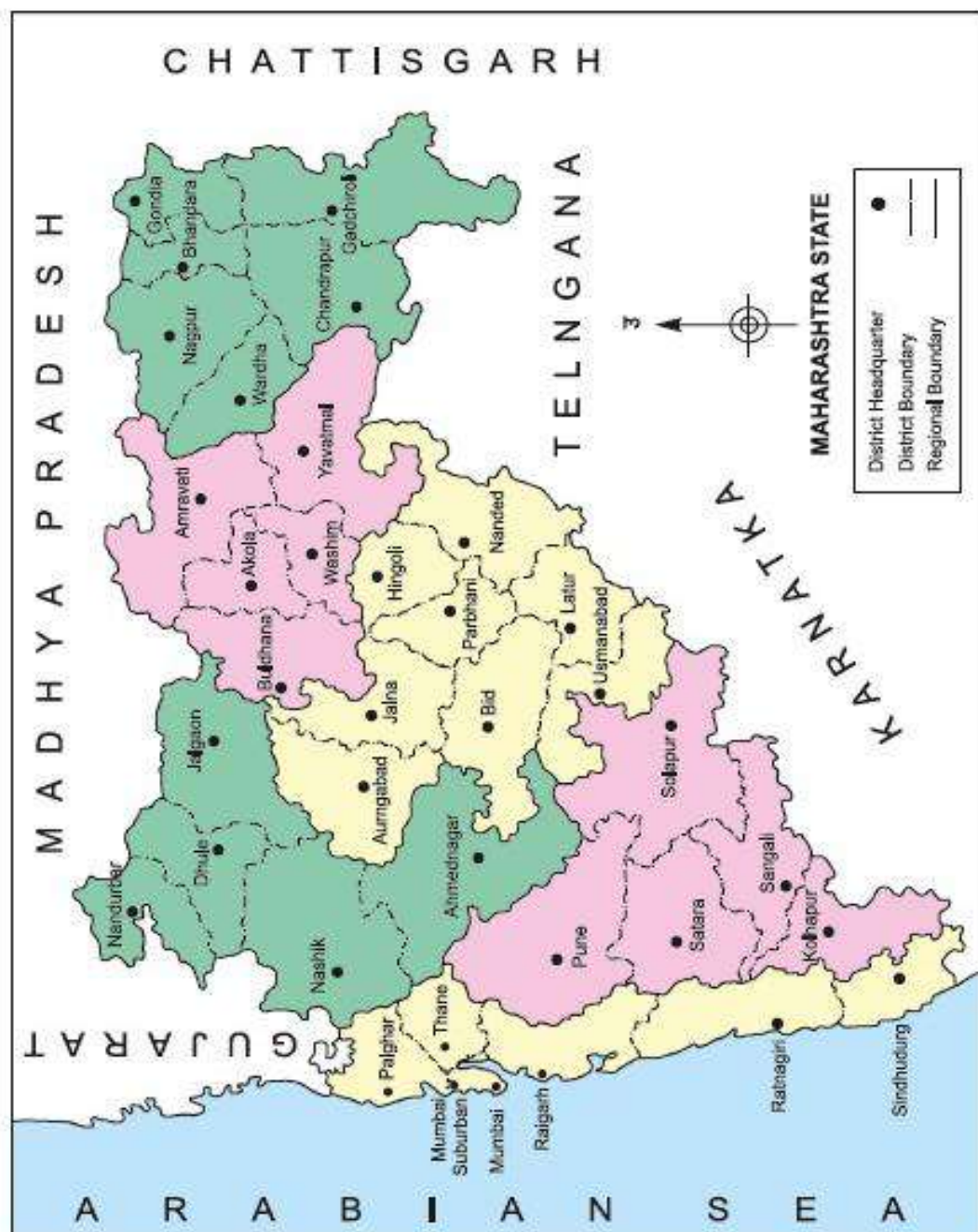
Date : 12 December 2022

FISH PRODUCTION REPORT 2021-22

CONTENTS		
Sr. No.	SUBJECT	Page No.
1	Maharashtra State Fisheries Statistics At A Glance	1-7
	a) General Information	1
	b) Marine Fishery Statistics of Maharashtra state	2
	c) Chart : i) Production of Maharashtra in last 10 years (Marine and Inland)	3
	ii) India & Maharashtra Fish Production in last Five years	3
	iii) Export Value Fish Products of India & Maharashtra	3
	d) Marine and Inland Fish Production & values, Exports and Boats of Maharashtra State	4
	e) District wise Marine Fish Production, values and Boats of Maharashtra State	5
	f) District and Regionwise Inland Fish Production and fish seed production of Maharashtra State	6
	g) Marine and Inland Fish Production of Maharashtra & India	7
2	Fish Production Report 2021-22 : Part –I : Theory	11-38
	a) Introduction & short notes	11-38
3	Fish Production Report 2021-22 : Part –II : Tables	43-181
A)	Marine Sector	43-156
1	a) District-wise estimated Marine fish production	43
	b) Zone-wise estimated Marine fish production	43-45
2	a) Estimated Marine fish production of Mech., Non-Mech. & Rampan Boats in the Maharashtra State	46
	b) District-wise Estimated Marine fish production of Mech., Non-Mech. & Rampan Boats	46-47
3	a) Variety-wise Marine fish production of Maharashtra State	48
	b) District & Variety-wise Marine fish production	48-54
	c) Zone & Variety-wise Marine fish production	55-80
4	a) Variety & Quarter-wise Marine fish production of Maharashtra for the year 2021-22	81
	b) District, Variety & Quarter-wise Marine fish production for the year 2021-22	82-87
	c) Zone, Variety & Quarter-wise Marine fish production for the year 2021-22	88-113
5	a) Table showing per unit production by different types of Boats & Nets in Maharashtra for the year 2021-22	114
	b) District-wise Per Unit Production by different types of Boats & Nets for the year 2021-22	114-117
6	a) Marine fish production by different types of Boats & Nets in Maharashtra for the year 2021-22	118
	b) District-wise Marine fish production by different types of Boats & Nets for the year 2021-22	118-119
7	a) District-wise prominent varieties of Marine fish production by Trawl net & Purses seine in Maharashtra for the year 2021-22	120

Sr.No.	SUBJECT		Page No.
	b)	District & Zone-wise prominent varieties of Marine fish production by Bagnet, Gillnet & Rampan for the year 2021-22	121-125
8		District-wise per trip particulars of Trawlers boats, Mech. Gillnets, Mech. Banget, Mech. Purseseine, Non-Mech. Bagnet for the year 2021-22	126-128
9	a)	Year-wise percentage share of prominent varieties in total valuation of Marine fish production in Maharashtra	129
	b)	District-wise Last 5 Years percentage share of prominent varieties in total valuation of Marine fish production	130-135
10	a)	Average prices of Marine fish varieties in Maharashtra State	136
	b)	District-wise Average prices of Marine fish varieties	137-142
11	a)	Utilization of Marine fish production in Maharashtra	143
	b)	District-wise Utilization of Marine fish production	143-145
12		Total number of Mech. & Non-Mech. Operation Boats in Maharashtra	146
13		Marine, Inland fish production & value of Maharashtra State	147-148
14		Marine fish production & efforts by Mechanized & Non-Mechanized boats in Maharashtra	149
15		District, Zone & Center-wise Marine fish production & No. of operating boats in Maharashtra	150-156
B)	Inland Sector		159-160
16		District & Region-wise Inland fish production	159
17		Region-wise Government Fish seed centers capacity in Maharashtra	160
C)	Marine and Inland Fish Production of India		163-168
18		State-wise Marine fish production	163-164
		State-wise Inland fish production in India	165-166
		State-wise Marine fish production in India	167
		State-wise Inland fish production in India	168
D)	Export Sector		171-172
19		Export of Marine products from Mumbai & Jawaharlal Nehru Port	171-172
E)	Miscellaneous		175-181
20		Scientific, English & Local name of fish species found in Maharashtra State	175
21		Marine fish production district's map & fish landings centers in the State	177-181

**MAHARASHTRA STATE
FISHERIES
STATISTICS AT A GLANCE**



GENERAL INFORMATION OF THE STATE

Geographical Area (000 Sq. Km)	308
Administrative Structure	
Divisions	6
Districts	36
Tahsils	355
Towns *	534*
Zilha Parishads	34
Panchayat Samitis	351
Gram Panchayats	27920
Municipal Corporations	26
Municipal Councils	230
Nagar Panchayats*	128*
Cantonment Boards	7
Population As Per Census- 2011 (In Thousand)	
Male	58,243
Female	54,131
Total	1,12,374
Rural	61,556
Urban	50,818
Scheduled Castes	13,276
Male	6767
Female	6509
Scheduled Tribes	10,510
Male	5315
Female	5195
Literacy Rate (%)	
Male	88
Female	76
Total	82
Density of Population (Sq. Km)	365
Sex Ratio (Females Per Thousand Males)	929
Percentage of Urban Population	45.2
Percentage of Rural Population	54.8
Human Development Index 2011 *	0.752

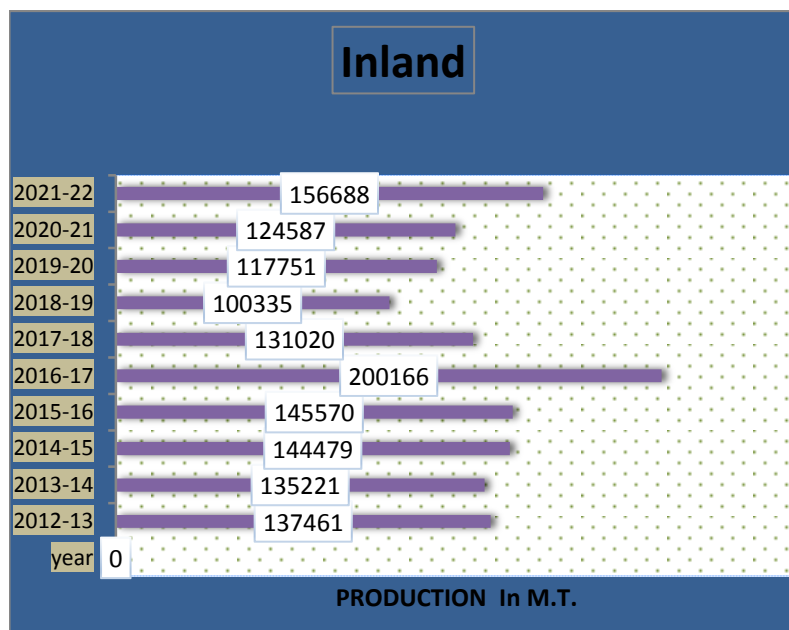
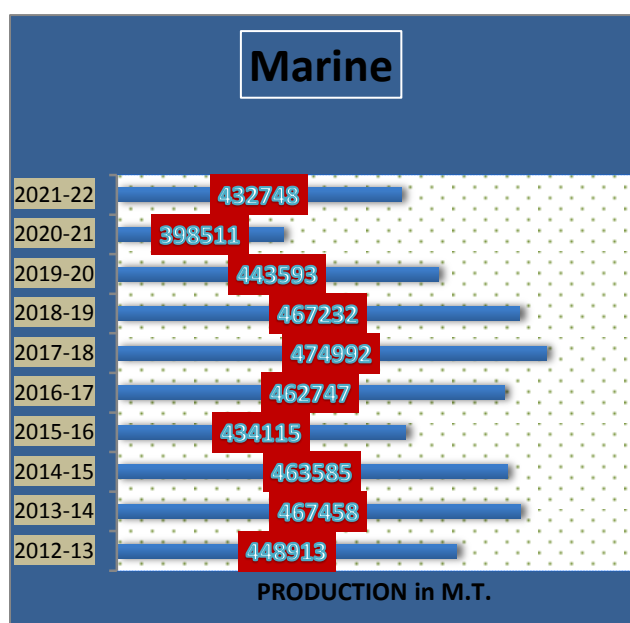
Source: Economic Survey of Maharashtra 2021-22*

MARINE FISHERY STATISTICS OF MAHARASHTRA STATE

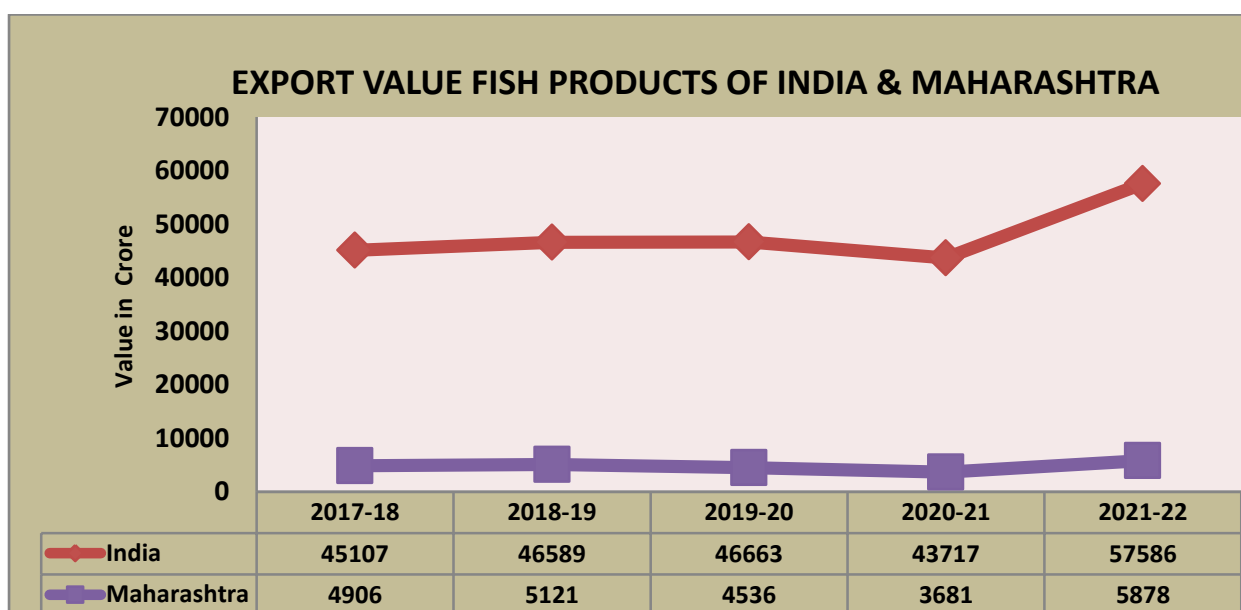
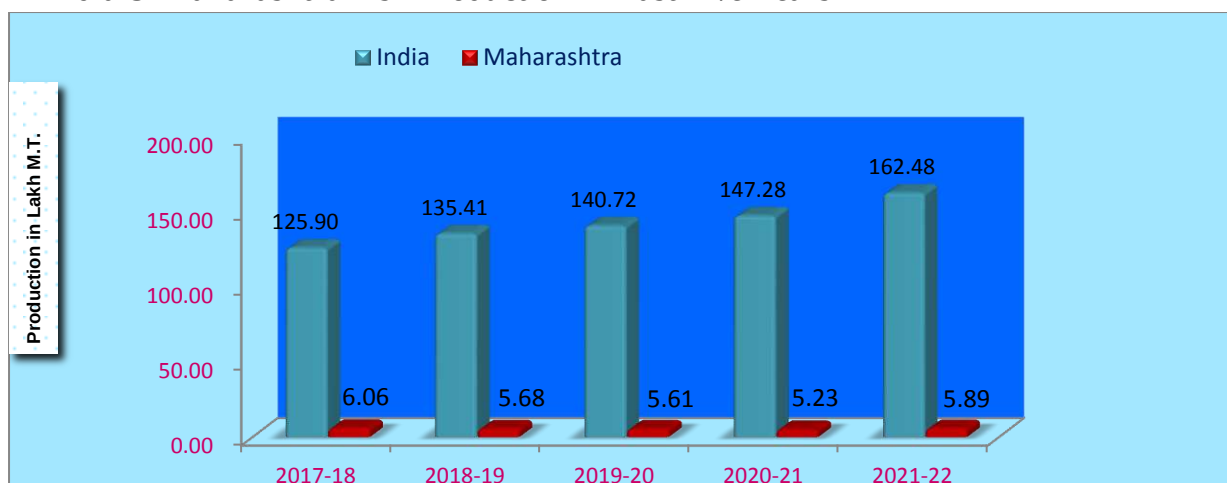
Sr. No.	ITEM	District					
		Thane / Palghar	Greater Mumbai	Raigad	Ratnagiri	Sindhudurg	Total
1	2	3	4	5	6	7	8
1	Length of Coastline (KM)	-	-	-	-	-	720
2	Shelf Continental Area (sq. km)	-	-	-	-	-	112512
3	Fishing villages	98	36	195	110	87	526
4	Fisher folk population	114899	32516	113847	71620	32017	364899
5	Male	58064	16413	58640	35957	16548	185622
6	Female	56835	16103	55207	35663	15469	179277
7	Fishermen families	27894	8147	27676	16696	7304	87717
8	Traditional fishermen families	26378	7862	25408	15065	6193	80906
9	BPL. Families	7692	5949	7917	3322	2510	27400
10	Active Fishermens	23023	4887	27428	14416	7174	76928
11	Sex ratio (femalesper 1000 males)	979	981	941	992	935	966
12	Fish landings Herbal	---	2	---	1	---	3
13	Landings centers	29	19	45	46	34	173
14	Govt.Training Centres	2	1	1	1	1	6
15	Ice Factories	15	5	11	76	00	107
16	Cold storages Source: Marine Fisheries Census 2016.	0	0	0	5	00	05
17	Operating Fishing Boats2021-22						
	(A) Mechanized	2435	4343	2488	2252	1654	13172
	(B) Non-mechanized	193	259	537	684	679	2352
	Total Boats	2628	4602	3025	2936	2333	15524
18	Marine Fish production (MT)2021-22	58392	222481	40601	101228	10046	432748
19	Inland Fish production of Maharashtra (MT) 2021-22						156688

*Source: Marine Fisheries Census 2016.

PRODUCTION OF MAHARASHTRA IN LAST 10 YEARS



India & Maharashtra Fish Production In Last Five Years



MARINE & INLAND FISH PRODUCTION & VALUES, EXPORT AND BOATS OF MAHARASHTRA STATE

SR. NO.	YEAR	FISH PRODUCTION IN M. T.			VALUES IN RS. LAKHS			EXPORT (MARINE)		BOATS (MARINE)		
		MARINE	INLAND	TOTAL	MARINE	INLAND	TOTAL	QUANTITY IN M. T.	VALUE IN RS. CRORES	MACHANISED	NON - MACHANISED	TOTAL
1	2	3	4	5	6	7	8	10	11	12	13	14
1	2011-12	433684	145110	578794	242786.02	110528.84	353314.86	151864	2420.17	12489	2365	14854
2	2012-13	448913	137461	586374	312180.90	119061.85	431242.75	148887	2723.57	12536	2547	15083
3	2013-14	467458	135221	602679	360564.92	117307.60	477872.52	147411	3986.12	12240	2623	14863
4	2014-15	463585	144479	608064	448192.30	141770.02	589962.32	151683	4273.18	12831	2855	15686
5	2015-16	434115	145570	579685	447047.98	145535.06	592583.04	127628	3672.7	13002	2714	15716
6	2016-17	462747	200166	662913	573395.83	207768.30	781164.13	151753	4311.69	13178	3040	16218
7	2017-18	474992	131020	606012	628844.32	144665.73	773510.05	180820	4906.82	13548	3432	16980
8	2018-19	467232	100335	567567	629774.60	117779.61	747554.21	160846	5120.61	13613	3625	17238
9	2019-20	443593	117751	561334	675119.35	147436.03	822555.38	136230	4536.26	12948	3146	16094
10	2020-21	398511	124587	523098	600647.94	165881.36	766529.30	110653	3681.22	12946	2272	15218
11	2021-22	432748	156688	589436	665466.15	191537.60	857003.75	186247	5878.37	13172	2352	15524

DISTRICTWISE MARINE FISH PRODUCTION, VALUES AND BOATS OF MAHARASHTRA STATE

DISTRICT	2020-21					2021-22				
	FISH PRODUCTION		BOATS			FISH PRODUCTION		BOATS		
	QUANTITY IN M. T.	VALUES IN RS. LAKHS	MACHANISED	NON – MACHANISED	TOTAL	QUANTITY IN M. T.	VALUES IN RS. LAKHS	MACHANISED	NON – MACHANISED	TOTAL
2	3	4	5	6	7	8	9	10	11	12
THANE / PALGHAR	67547	138198.81	2350	104	2454	58392	103401.79	2435	193	2628
MUMBAI SUBURBAN	77048	85180.40	1555	0	1555	61773	109021.70	1508	84	1592
MUMBAI CITY	133212	187228.70	2738	150	2888	160708	241641.14	2835	175	3010
RAIGAD	38019	68805.00	2418	580	2998	40601	64956.97	2488	537	3025
RATNAGIRI	65374	92427.91	2267	771	3038	101228	130985.15	2252	684	2936
SINDHUDURG	17311	28807.12	1618	667	2285	10046	15459.40	1654	679	2333
TOTAL	398511	600647.94	12946	2272	15218	432748	665466.15	13172	2352	15524

DISTRICT & REGIONWISE INLAND FISH PRODUCTION & FISH SEED OF MAHARASHTRA STATE							
Sr. No.	District	2020-21		2021-22		2020-21	2021-22
		Fish production		Fish production		Fish Seeds	
		Quantity(M.T.)	Value in Rs.lakhs	Quantity(M.T.)	Value in Rs. lakhs	Quantity(M.T.)	Quantity(M.T.)
1	2	3	4	5	6	7	8
1	Thane	2160	2875.93	1662	2031.65	0.00	0.00
2	Palghar	1520	2023.80	1070	1307.98	15.66	0.00
3	Mumbai (Suburban)	0	0	0	0	179.60	0.00
4	Mumbai (City)	0	0	0	0	0.00	0.00
5	Raigad	1692	2252.81	801	979.15	0.00	14.33
6	Ratnagiri	225	299.58	87	106.35	0.00	0.00
7	Sindhudurg	47	62.58	83	101.46	0.00	0.00
Konkan Region		5644	7514.70	3703	4526.60	195.26	14.33
8	Nasik	3718	4950.33	3910	4779.64	0.00	0.00
9	Dhule	2076	2764.09	2087	2551.18	0.00	33.00
10	Jalgaon	5225	6956.83	5375	6570.48	0.00	0.83
11	Nandurbar	1460	1943.92	846	1034.16	12.00	7.50
12	Ahmednagar	2730	3634.86	2216	2708.87	4.00	1.28
Nashik Region		15209	20250.02	14434	17644.32	16.00	42.61
13	Pune	7255	9659.67	7872	9622.84	5.87	3.50
14	Satara	2779	3700.10	3480	4254.00	23.26	14.44
15	Sangli	4055	5399.03	1989	2431.38	0.00	0.17
16	Solapur	3600	4793.22	2327	2844.56	1.90	18.57
17	Kolhapur	2707	3604.24	2767	3382.42	0.13	1.35
Pune Region		20396	27156.25	18435	22535.20	31.16	38.03
18	Aurangabad	434	577.85	2421	2959.46	383.70	197.60
19	Jalna	4348	5789.14	4150	5073.02	105.00	108.98
20	Beed	6171	8216.38	5855	7157.23	411.00	582.00
21	Parbhani	1844	2455.19	4193	5125.58	124.50	107.30
Aurangabad Region		12797	17038.57	16619	20315.30	1024.20	995.88
22	Nanded	8646	11511.72	6217	7599.75	34.60	32.85
23	Hingoli	1282	1706.92	2034	2486.39	16.25	18.70
24	Latur	7133	9497.23	7504	9172.99	40.00	47.16
25	Osmanabad	1985	2642.93	2156	2635.52	4.40	10.20
Latur Region		19046	25358.80	17911	21894.66	95.25	108.91
26	Buldhana	702	934.68	7482	9146.10	9.10	113.73
27	Akola	1922	2559.05	11074	13537.01	22.41	81.81
28	Washim	2177	2898.57	7296	8918.73	4.00	86.66
29	Amravati	3707	4935.69	1648	2014.54	11.74	136.03
30	Yavatmal	5067	6746.46	3755	4590.16	89.59	208.58
Amravati Region		13575	18074.43	31255	38206.55	136.84	626.81
31	Wardha	790	1051.85	3129	3824.93	82.35	45.15
32	Nagpur	8877	11819.28	22665	27706.01	611.09	1528.61
33	Bhandara	6414	8539.92	6475	7915.13	469.34	135.00
34	Gondia	7009	9332.13	8033	9819.65	170.01	326.40
35	Chandrapur	10830	14419.60	9990	12211.92	217.45	179.70
36	Gadchiroli	4000	5325.80	4039	4937.33	13.55	49.50
Nagpure Region		37920	50488.58	54331	66414.98	1563.79	2264.36
TOTAL		124587	165881.36	156688	191537.60	3062.50	4090.93

FISH PRODUCTION OF MAHARASHTRA & INDIA (IN LAKH TONNE)

Sr. No.	Item	ar	Maharashtra	India	% share of Maharashtra
1	2	3	4	5	6
1	Marine	2017-18	4.75	36.88	12.88
		2018-19	4.68	46.34	10.10
		2019-20	4.44	46.06	9.64
		2020-21	3.99	34.77	11.48
		2021-22	*4.33	41.27	10.49
2	Inland	2017-18	1.31	89.02	1.47
		2018-19	1.00	89.07	1.12
		2019-20	1.18	94.66	1.25
		2020-21	1.25	112.48	1.11
		2021-22	*1.57	121.21	1.30
3	Total	2017-18	6.06	125.90	4.81
		2018-19	5.68	135.41	4.19
		2019-20	5.62	140.72	3.99
		2020-21	5.24	147.25	3.56
		2021-22	5.89	162.48	3.63

* Differ due to rounding

Source:Department of Animal Husbandry, dairy and fisheries,GOI

**FISH PRODUCTION
REPORT 2021-22
PART – I
THEORY**

1.0 INTRODUCTION

1.1 Fishing & hunting are age old occupations which date back to pre-historic period. Egyptians were the first to start fish culture somewhere in 2500 B.C., followed by Chinese in 2000 B.C. Fish culture in tanks had its beginning in India since 350 B.C. Fishing and aquaculture of India has a long history for countries.

1.2 A separate Directorate to look after the aspects of Fisheries Development came into existence on 26.4.1945. Later on the Maharashtra state felt a need to elevate the status of Directorate by upgrading the post of Director to the rank of Commissioner with effect from 22.7.1993.

2.0 IMPORTANCE OF FISHERY

2.1 Fishing is the activity of catching fish. Fish are normally caught in wild techniques of catching fish include hand gathering, spearing, netting, angling & trapping. All countries have common objectives of increasing fish production, improving export earnings & expanding employment opportunities in the fisheries sector. Fish consumption preferences vary across the country. Coastal communities have strong preferences for marine species. Fishing in India is a major industry in its coastal States. Maharashtra is a major supplier of fish in the country. Fish as food both from fish farms and catch fisheries. Fishery is a kind of industry which is concerned with the catching, processing and selling of fish. Fishing is one of the oldest occupations of man. Fish also provides protein, rich food and also big source of vitamin. Fish also forms an important part of diet of the people living in the coastal area. Fishery plays an important role in the economy of India. Maharashtra is an important State produces fish through aquaculture in the country. Fishery is an important sector in India. It provides employment to millions of people and contributes to food security of the country. Fisheries sector is rarely a strategic sector for national economic development, although it plays a prominent role in the country. Fisheries sector occupies a very important place in the socioeconomic development of the country. Economic importance of fish are e.g. Fish as food, fish for controlling disease, scientific value, fish oil, artificial pearls, employment, source of Income etc.

2.2 Thus fishery sector has been playing a very important role in improving the socio- economic status of fishers in the state. This is emerging as visible sector contributing towards employment generation in fishing & allied activities, supplementing food supply, raising nutrition level & earning foreign exchange through exports. It offers tremendous opportunities for development of fresh water, brackish water & marine fisheries with scope of fish production together employment & income generation for socioeconomic prosperity.

3.0 GEOGRAPHICAL AREA

Maharashtra State is one of the major Marine fish producing state in India. It has 720 Km. long coastal line spread all over the 7 maritime districts viz. Thane, Palghar, Mumbai city, Mumbai suburban, Raigad, Ratnagiri and Sindhudurg. The continental shelf area upto 40 fathoms i.e. 55,529 sq.kms (50% of the total continental shelf) is being exploited. There are 25 Zones in the 7 districts and 173 fish landings centres in the state. The detail zone-wise Fish Landings centre's names are given in the Table No. 15.

4.0 FISH POTENTIAL

The fish potential of state is estimated at 6.0 lakh tonnes. About 49 varieties are found in the sea-water of the Maharashtra State. The Marine Fish Production in the state is estimated at 4.33 lakh tonnes during the financial year 2021-22. The percentage of the Marine fish production to state potential is 72.17 % during the year 2021-22.

TABLE-1

5.0 DISTRICT-WISE POPULATION SIZE DAYS AND FISHING OBSERVATION

Sr.No	District	Population size Days	Sample size Days
1	Thane/Palghar	648	236
2	Mumbai Suburban	216	129
3	Mumbai City	252	183
4	Raigad	648	461
5	Ratnagiri	432	336
6	Sindhudurg	540	174
Total		2736	1519

District-wise population days, fishing observation & Sample size days are shown in above Table-1. Total population days are 2736 & Sample size days are 1519 during the year 2021-22.

TABLE-2

6.0 CONTRIBUTION OF FISHERIES SECTOR TO GSDP (AT CURRENT PRICE)

(In crore)					
Year	Total GSDP	GSDP from Agri, Forestry & Fishing	GSDP from Fisheries	GSDP from Fisheries as % of Total GSDP	GSDP from Agri, Forestry & Fishing to Fishing
2016-17	2198185	235760	6274	0.29	2.66
2017-18	2352782	233518	6278	0.27	2.69
2018-19	2567897	230040	5429	0.21	2.36
2019-20	2734552	275731	5964	0.22	2.16
2020-21	2711685	316643	6300	0.23	1.99

Source: Economic Survey of Maharashtra 2021-22

6.1 Total GSDP during 2020-21 is estimated at 2711685 crore whereas GSDP from Agri, Forestry & Fishing to Fishing is estimated at 316643 crore and GSDP from Fishery is estimated at 6300 crore. Total GSDP and GSDP from Agri, Forestry & Fishing to fishing is increased by 0.23% & decreased by 1.99% respectively over the previous year. In 2016-17 percentage share of Fisheries to total GSDP and GSDP from Agri, Forestry & Fishing to Fishing was 0.29% & 2.66 % respectively. The percentage share of fisheries to total GSDP was 0.27% in the year 2017-18 & 0.21% in the year 2018-19. In the year 2019-20 total GSDP was 0.22% & GSDP from Agri, Forestry & Fishing to Fishing was 2.16% respectively.

7.0 TOTAL FISH PRODUCTION

7.1 There are two main types of fisheries, Inland fisheries and Marine fisheries. During 2021-22 total fish production in the Maharashtra state was 589436 t valued at 8570 crores out of which 156688 t valued at 1915 crores came from Inland sources & 432748 t valued at 6655 crores from Marine sources. During 2021-22 state contributes in Marine, Inland and total fish production of India was 10.49%, 1.30 % and 3.63 % respectively at all India level. There are 15524 Marine fishing boats in operation out of which, 13172 are mechanised & 2352 are Non-mechanised boats in the state during the year 2021-22.

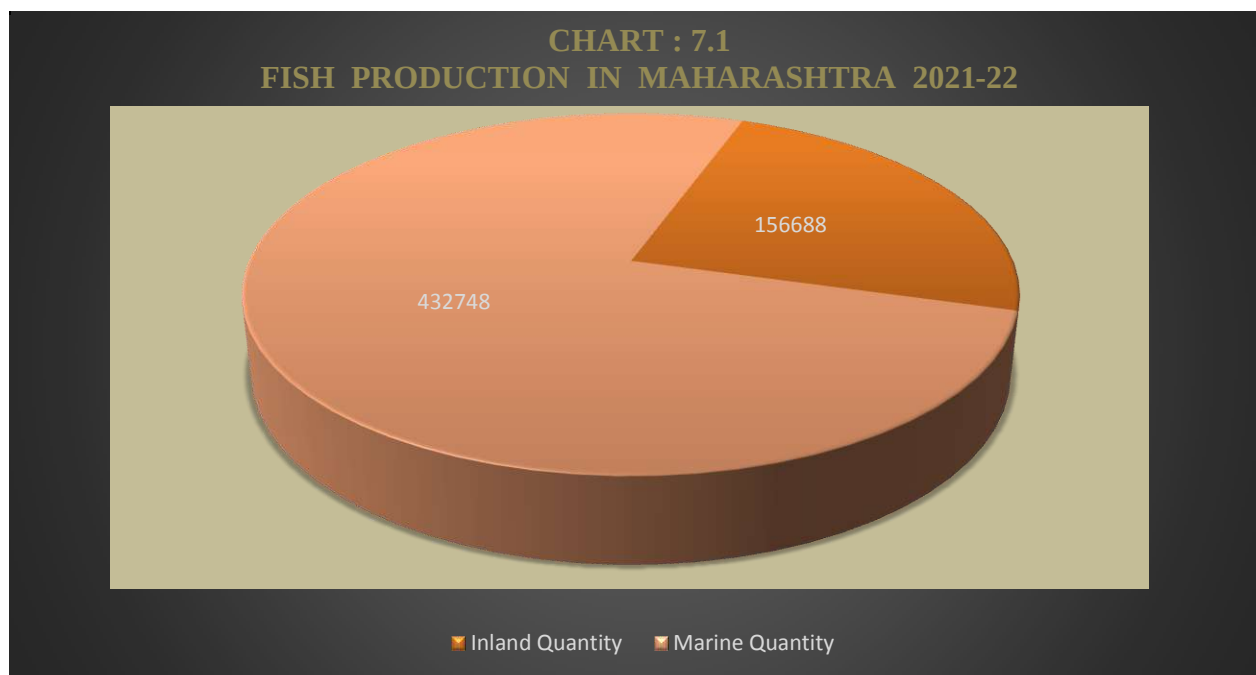


TABLE-3
FISH PRODUCTION IN LAST TEN YEARS

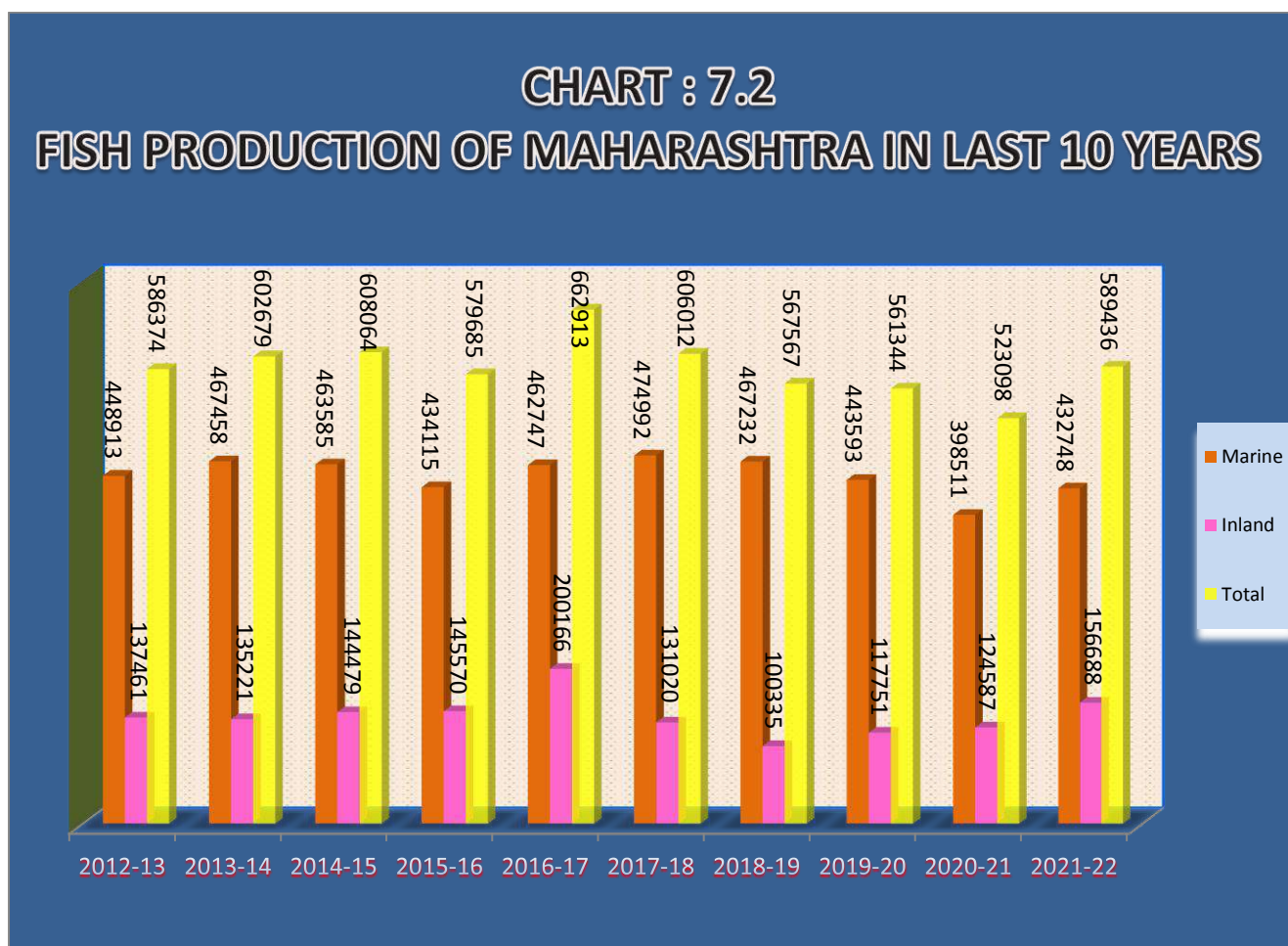
Year	Inland Fish Production		Marine Fish Production		Total Fish Production	
	Inland (tonnes)	Growth rate (%)	Marine (tonnes)	Growth rate (%)	Total production (tonnes)	Growth rate (%)
2011-12	145110	11.38	433684	-2.91	578794	0.31
2012-13	137461	-5.27	448913	3.51	586374	1.31
2013-14	135221	-1.63	467458	4.13	602679	2.78
2014-15	144479	6.85	463585	-0.83	608064	0.89
2015-16	145570	0.76	434115	-6.36	579685	-4.67
2016-17	200166	37.50	462747	6.60	662913	14.36
2017-18	131020	-34.54	474992	2.64	606013	-8.58
2018-19	100335	-23.42	467232	-1.63	567567	-6.34
2019-20	117751	17.36	443593	-5.06	561344	-1.10
2020-21	124587	5.81	398511	-10.16	523098	-6.81
2021-22	156688	25.77	432748	8.59	589436	12.68

7.2 From 2011-12 to 2021-22 in last ten years, total fish production for 2021-22 is estimated at 589436t with increase of 12.68% over the previous year as well as in regards inland fish production, it was an increase of 25.77% & about Marine fish production it was increased by 8.59 % over the previous year.

In 2012-13 growth rate of total fish production was about 1.31% increased by marginally to 2.78% & 0.89% continuously two years in 2013-14 & 2014-15 respectively. It was decreased by -4.67% in 2015-16. Again it was increased by 14.36 in 2016-17. After then it shows continuously negative trend until 2020-21. In the year 2021-22 growth rate was increased by 12.68% over the previous year.

During 2012-13 & 2013-14 inland fish production was gradually decreased by -5.27% & -1.63% respectively. Growth rate was gradually inclined of 6.85%, 0.76% & 37.50% in 2014-15, 2015-16 & 2016-17 respectively. Again it was gradually declined by -34.54% & -23.42% in the year 2017-18 & 2018-19 respectively. After then it was increased by 17.36 % & 5.81% in 2019-20 and 2020-21 respectively. In the year 2021-22 growth rate was increased by 25.77% over the previous year.

Marine fish production was increased by 3.51% & 4.13% in the year 2012-13 and 2013-14 respectively. The growth rate of Marine fish production was decreased by -0.83% in 2014-15 and -6.36% in 2015-16. The growth rate was inclined by 6.60% & 2.64% in the year 2016-17 & 2017-18 respectively & declined by -1.63%, -5.06% & -10.16% in the year 2018-19 , 2019-20 & 2020-21 respectively. In the year 2021-22 growth rate was increased by 8.59 % over the previous year.



8.0 MARINE FISHERIES

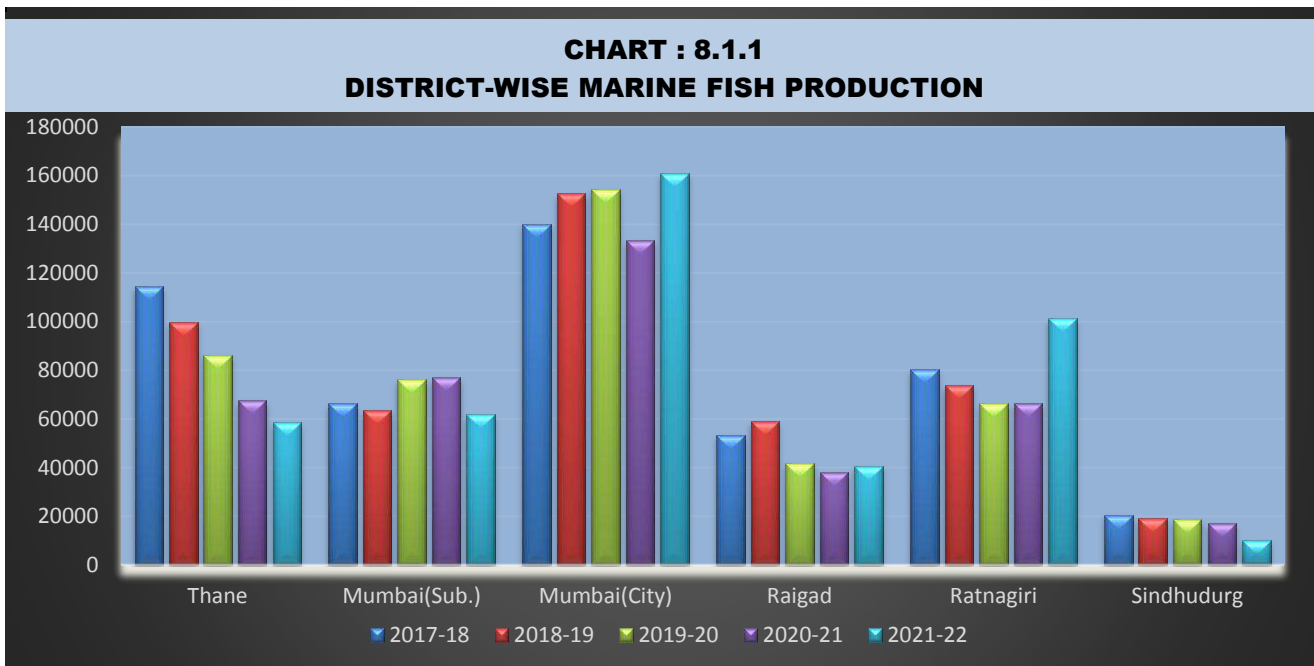
8.0.1 Marine sector dominates the entire fishery sector in Maharashtra coastline is divided into 25 zones. Marine fishery deals with the fishery aspects of the sea water or ocean. Marine fish harvested in the state consist of about 49 commercially important species. Important marine fish in the state is Sardine, Non-Penaeid Prawns, Harpodon Nehereus, Penaeid Prawns, Pomfret, Seer fishes, Black pomfret, Eles, Lobster and Mackerels etc.

8.0.2 It is not possible to collect all the fish landings data of all the landings centres every day. Therefore, fish landings are estimated on the basis of information collected through sample. While selecting the centres for sample survey the geographical proximity, intensity of catch and homogeneity of the fish collecting systems are considered. This helps in getting sample catch from different intensity areas. In each zone, 10 sample days are selected for every month. Every sample day of 24 hrs. is covered by two consecutive calendar days. On the first calendar day, the survey starts at 12.00 A.M. and it is completed at 12.00 A.M. on the next calendar day.

Amongst the 25 zones, large intensity centres and small intensity centres are separated and by using sample random sample method centres are selected for working out estimates. The method adopted by State Fisheries Department is the same followed by CMFRI. There are 173 landings centres in Marine districts of Maharashtra State. Information is collected by the necessary field staff appointed for the survey in 25 zones. The information includes fishing efforts, fishing period, Number of crews, nets used and hauls taken by them, species-wise landings and utilization of fish landed. The work of the field staff is inspected by the field inspectors appointed for the purpose. The information collected by the field staff is processed at Head office and estimates of fish landings are obtained for each month and every zone. Estimates of the districts are worked out by adding estimates of zone and ultimately state level fish production is worked out.

8.0.3 Marine fish landings in Maharashtra during the year 2021-22 was estimated at 432748 tonnes worth 6655 crore registering an increase of 34237 tonnes i.e. 8.59 % compared to 398511 tonnes landed during 2020-21 (Table No.13). Major fishing gears that supported the Marine fish landings were Trawl net of Mechanised boats in the state during the year 2021-22.

8.1 DISTRICT VARIATIONS



8.1.1 District-wise Marine fish production from 2017-18 to 2021-22 is given in (Table No 1.0). District-wise landings was showed maximum contribution from Mumbai city (160708t) 37.14% followed by Ratnagiri distict (101228t) 23.39%, Mumbai Sub. district (61773t)14.27%, Thane/Palghar (58392t) 13.49%, , Raigad district (40601t) 9.38% & Sindhudurg district it was (10046t) 2.32% only (which was lowest contribution) to total Marine fish production during the year 2021-22.

Total Marine fish production of Thane district was decreased by -13.55 % compared to previous year whereas of Mumbai city it was increased by 20.64 %, Ratnagiri district was increased by 54.84 % over the previous year. Total fish landings of Sindhudurg district was a decline of -41.97% from the past year. Total Marine fish production of Raigad district was showed 6.79 % incline compared to previous year 2020-21. Percentage contribution of Mumbai sub district showed a decrease of -19.83% against year 2020-21. During the year 2021-22 found that high Marine fish producing district was Mumbai city & Ratnagiri whereas Sindhudurg district was the lowest producing district in the Marine fish production of the state and huge decline of -41.97% compared to previous year.

TABLE-4
DISTRICT-WISE GROWTH RATE OF MARINE FISH PRODUCTION

District	2016-17	2017-18	G.Rate%	2018-19	G.Rate%	2019-20	G.Rate%	2020-21	G.Rate%	2021-22	G.Rate%
1	2	3	4	5	6	7	8	9	10	11	12
Thane-Palghar	97802	114399	16.97	99461	-13.06	86225	-13.31	67547	-21.66	58392	-13.55
Gr.Mumbai	202683	206333	1.80	216132	4.75	230685	6.73	210260	-8.85	222481	5.81
Raigad	41514	53338	28.48	58847	10.33	41797	-28.97	38019	-9.04	40600	6.79
Ratnagiri	98443	80340	-18.38	73738	-8.22	66173	-10.26	65374	-1.21	101228	54.84
Sindhudurg	22305	20582	-7.72	19054	-7.42	18713	-1.79	17311	-7.49	10046	-41.97
Total	462747	474992	2.64	467232	-1.63	443593	-5.06	398511	-10.16	432748	8.59

In 2017-18 growth rate was slightly increased by 2.64% and in this year Marine fish production of Ratnagiri & Sindhudurg district was decreased by nearly -18.38% & -7.72% respectively & Thane, Greater Mumbai, Raigad district was gradually increased by 16.97 %, 1.80% & 28.48% respectively compared to previous year 2016-17.

In 2018-19 growth rate of Marine fish Production of the state was decreased by -1.63% and in this year Marine fish production of Greater Mumbai & Raigad district was increased by nearly 4.75% & 10.33% respectively & Thane, Ratnagiri & Sindhudurg, district was decreased by -13.06 %, -8.22% & -7.42% respectively compared to previous year 2017-18.

In 2019-20 growth rate of Marine fish Production of the state was decreased by -5.06% and in this year Marine fish production of Greater Mumbai was increased by nearly 6.73% & Thane, Raigad, Ratnagiri & Sindhudurg districts were decreased by -13.31 %, -28.97% , -10.26% & -1.79% respectively compared to previous year 2018-19.

Marine fish production during 2020-21 was showing a decrease of -10.16% over the corrsponding period of the previous year. Marine fish production of Thane, Gr.Mumbai, Raigad, Ratnagiri & Sindhudurg district was showing decline of -21.66%, -8.85%, -9.04, -1.21% & -7.49% respectively in the year 2020-21 over the previous year.

Growth rate of Marine fish Production of the state in 2021-22 was increased by 8.59% over the previous year. All districts except Thane and Sindhudurg districts was showing positive trend over previous year. Gr. Mumbai, Raigad and Ratnagiri district was increased by 5.81%, 6.79% and 54.84%. respectively and negative growth in Thane & Sindhudurg district was by -13.55% & -41.97% respectively in this year.

8.2 REGIONAL VARIATIONS

8.2.1 District-wise & Centre-wise Marine fish production of Maharashtra State during the year 2021-22 is shown in Table No.15.

During the year Thane/Palghar district was produced (58392t) 13.49% to total Marine fish production & Out of these Dahanu Zone was produced (5000t) 1.16% to total Marine fish production and in this zone, high Fish catch/landings centres were Dhakti Dahanu (1900t) , Zai (1491t), Dahanu (632t). The fish catch of Popharandandi zone during the year was (1511t) 0.35% to total Marine fish production & high Fish catch/landings centres were Uchheli/ Dandi (788t) & Murbe (478t). Total landings of Satpati Zone was (4030t) 0.93% to total Marine fish production & high Fish catch/landings centres were Satpati (M/S) (2328 t), Satpati (N) (1700t). The estimated catch of Kelwa Zone was (2348t) 0.54% to total Marine fish production and high Fish catch/landings centres were Vadarai (880t), Kelwa-dadar (489t). Vasai Zone was landed (12363t) 2.86% to total Marine fish production & high Fish catch/landings centres were Vasai (6315t), Arnala(4318t). Uttan Zone formed around (33140t) 7.66% to total Marine fish production & high Fish catch/landings centres were Uttan (18640t), Diwale (5514t) during the year 2021-22.

Mumbai Suburban district was produced (61773t) 14.27% to total Marine fish production. Out of these Manori Zone was landed (10178t) 2.35% to total Marine fish production & high Fish catch/landings centres were Yerangal Bhati (2724t), Manori (2201t), Danda (1587t) whereas Marine fish catch of Versova Zone was (51595t) 11.92% to total Marine fish production & high Fish catch/landings centres were Versova (22063t), Madh (16914t) during the year 2021-22.

Total Marine fish landings of Mumbai city was (160708t) 37.14% to total Marine fish production. Out of these Mumbai Zone was Produced (15136t) 3.50% to total Marine fish production & high Fish catch/landings centres were Worli (13334t), Cuff pared (1361t) whereas Fish catch of Sasoon Dock was produced (59023t) 13.64% of total Marine fish production & in Ferrywarff it was (86549t) 20.00% to total Marine fish production during the year in the state.

Estimated landings of Raigad district was (40601t) 9.38% to total Marine fish production. Out of these Mora Karnja Zone was produced (1081t) 0.25% only to total Marine Fish production & out of these high Fish landings centre was Karanja (275t). Total catch of Alibaug Zone was (15062t) 3.48% to total Marine fish production & high landings centres were Alibaug (6768t), Navgaon (4246t). Catch of Revdanda zone was (12053t) 2.79% to total Marine fish production & high Fish landings centres were sakharaxi (3750t),Vorsoli-Chalmal (3488t) Revdanda (1570t). Murud Zone was produced (3585t) 0.83% to total Marine fish production & high Fishing centres were Korlai (848t), Rajpuri (845t), Ekdara (699t). Shrivardhan Zone was recorded (941t) 0.22% to total Marine fish production during the year & high Fish catching centre was Bhardkhol- Diveagar (559t). Jivana Zone was produced (7879t) 1.82% to total Marine fish production & high Fishing centre was Jivana (5597t) during the year 2021-22.

Total Marine fish landings of Ratnagiri distict was (101228t) 23.39% to total Marine fish production. Out of these Burondi Zone was produced (3261t) 0.75% to total Marine fish production & high producing centres were Burondi (850t), Veshvi-Bankot (521t). Dabhol Zone was contributed (15894t) 3.67% to total Marine fish production & high Fish catch/landings centres were Harne port (14117t), Dabhol (1769t). Mirkarwada Zone was registered (79073t) 18.27% to total Marine fish landings & high producing centres were Mirkarwada (61384t), Sakhari-nate (12147t).

Fish Catch of Ratnagiri Zone was (3000t) 0.69% to total Marine fish production & high fish landings centres were Jaigad (1744t), Kalbadevi (298t) during the year in the state.

Sindhudurg District was registered (10046) 2.32% of total Marine fish production and out of these fish catch of Anandwadi Zone was (4665t) 1.08% to total Marine fish production & high producing centre was Anandwadi (4002t). Devgad Zone was registered (625t) 0.14% to total Marine fish production & high producing centre was Mithmumbri (189t). Makrebag zone was produced (1887t) 0.44% to total Marine fish production & high landings centre was Dandi (998t), Makrebag (889t). Estimated catch of Malvan Zone was (1438t) 0.33% & high producing centres were Achara (256t), Mobar-Bhogve (225t). Total landings of Vengurla zone was (1431t) 0.33% to total Marine fish production & high producing centres were Dabhoswada/Navabaug (304t), Muth Ubhadanda (254t), Shiroda (229t), Kochra-Nivati (209t) during the year in the state.

In total Marine fish production, the percentage share of Ferrywarff centre (86549t) & Sasoon Dock (59023t) was contributed by 20.00% & 13.64% respectively and percentage contributed together 33.64% to the total Marine fish landings of the state during the year 2021-22.

In total Marine fish production, Maximum contribution centres were Ferrywarff (86549t) 20.00%, Mirkarwada (61384t) 14.18%, Sasoon Dock (59023t) 13.64%, Varsova (22063t) 5.10%, Uttan (18640t) 4.31%, Madh (16914t) 3.90%, Harne port (14117t) 3.26%, Alibag (6768t) 1.56% Vasai (6315t) 1.46%, Arnala (4318t) 1.00%, & percentage contributed together 68.41% to the total Marine fish landings of the state during the year 2021-22.

8.3 VARIETY VARIATIONS

TABLE-5
GROWTH RATE OF PROMINENT VARIETIES OF MARINE FISH PRODUCTION

Variety	2016-17	2017-18	G.R.%	2018-19	G.R.%	2019-20	G.R.%	2020-21	G.R.%	2021- 22	G.R.%
1	3	5	6	7	8	9	10	11	12	11	12
Sardine	22001	18899	-14.00	7926	-58.06	10851	36.90	10860	0.09	9478	-12.73
Anchovies	19032	19354	1.69	22169	14.54	27087	22.18	31196	15.17	17658	-43.40
Thrissoles	8152	8942	9.69	7348	-17.83	5289	-28.02	4738	-10.42	2919	-38.39
Harpodon Nehereus	39086	36228	-7.31	34984	-3.43	32507	-7.08	26769	-17.65	48255	80.26
Otolithoides species	22324	23017	3.10	25402	10.36	41038	61.55	33137	-19.25	30913	-6.71
Trichiuridae Ribbonfishes	16525	27209	64.65	22674	-16.67	27079	19.43	27294	0.79	15196	-44.32
Mackerels	42068	50379	19.75	31980	-36.52	21739	-32.02	27764	27.72	79767	187.30
Upeneus Spp.	20449	24353	19.09	23845	-2.09	11460	-51.94	4486	-60.86	6640	48.02
Penaeid Prawns	55525	46211	-16.77	46740	1.14	43266	-7.43	45302	4.71	56351	24.39
Non-Penaeids Prawns	62682	59275	-5.43	63972	7.92	48983	-23.43	33867	-30.86	39844	17.65
Loligo duvauceli Cephalopoda	26643	22128	-16.94	27334	23.53	31896	16.69	25333	-20.58	21230	-16.20

In the year 2017-18 growth rate of Anchovies 1.69%, Thrissoles 9.69%, Otolithoides species 3.10%, Trichiuridae Ribbonfishes 64.65%, Mackerel 19.75%, Upeneus Spp. 19.09%, has grown up whereas Sardine -14.00%, Harpodon Nehereus -7.31%, Penaeid Prawns -16.77%, Non-Penaeids Prawns -5.43% , Loligo duvauceli Cephalopoda -16.94% has declined compared to the past year 2016-17.

23.53% has inclined whereas Sardine -58.06%, Thriissocles -17.83%, Harpodon Nehereus -3.43%, Trichiuridae Ribbonfishes -16.67%, Mackerel -36.52%, Upeneus Spp. -2.09% has declined compared to previous year 2017-18.

During 2019-20 growth rate of Sardine 36.90%, Anchovies 22.18%, Otolithoides species 61.55%, Trichiuridae Ribbonfishes 19.43%, Loligo duvauceli Cephalopoda 16.69% has been increased Whereas Thriissocles -28.02%, Harpodon Nehereus -7.08%, Mackerels -32.02%, Upeneus Spp. -51.94%, Penaeids Prawns -7.43 %, Non- Penaeid prawns -23.43%, has been decreased compared to 2018-19.

In 2020-21 growth rate of Sardine 0.09%, Anchovies 15.17%, Mackerals 27.72%, Trichiuridae Ribbonfishes 0.79%, Penaeids Prawns 4.71%, was showing Positive trend while Thriissocles -10.42%, Harpodon Nehereus -17.65%, Otolithoides species -19.25%, Upeneus Spp -60.86%, Non-Penaeid Prawns -30.86% and Loligo duvauceli Cephalopoda -20.58% was showing Negative trend of growth rate over the previous year 2019-20.

In 2021-22 growth rate of Harpodon Nehereus 80.26%, , Mackerals 187.30%, Upeneus Spp 48.02%, Penaeids Prawns 24.39% and Non-Penaeid Prawns 17.65% was showing Positive trend while Trichiuridae Ribbonfishes -44.32%, Thriissocles -38.39%, Anchovies -43.40%, Sardine -12.73%, Otolithoides species -6.71%, Loligo duvauceli Cephalopoda -16.20% was showing Negative trend of growth rate over the previous year 2020-21.

In 2021-22 growth rate of Mackerals and Harpodon Nehereus over the previous year 2020-21 is very high, 187.30% and 80.26% respectively. However Growth rate of Anchovies from 2017-18 to 2020-21 was registered positive trend & in 2021-22 it was showing Negative trend -43.40%.

Chart : 8.3.1
Major Species-wise Marine Fish Production 2021-22

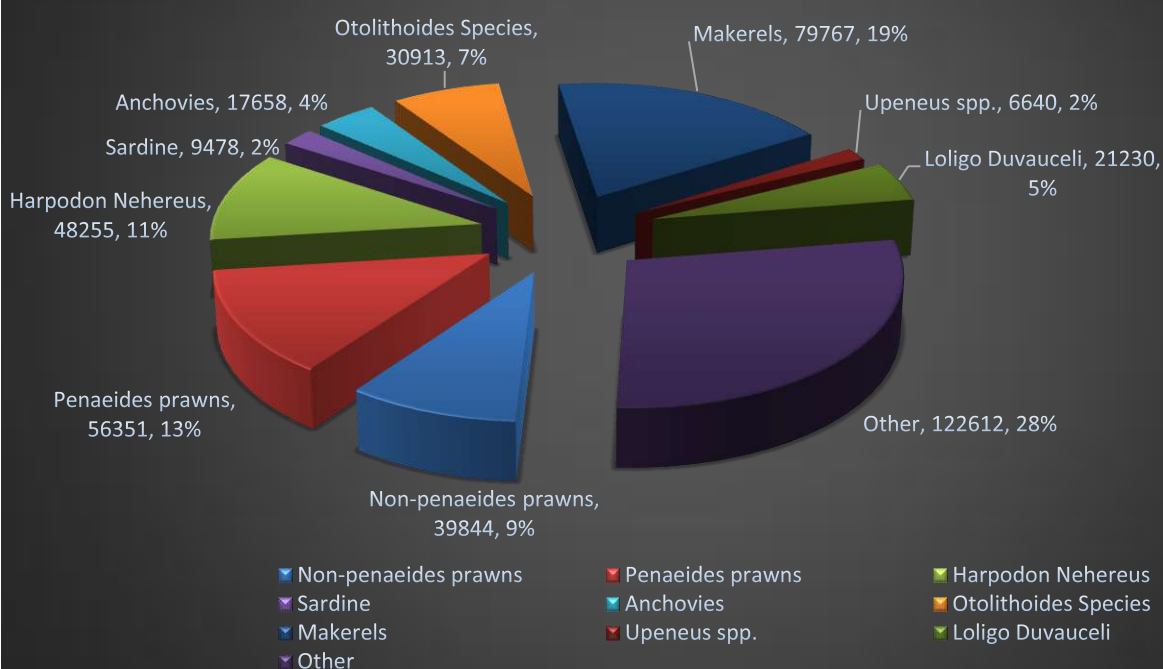


TABLE – 6

VARIETY WISE MARINE FISH PRODUCTION WITH THEIR CONTRIBUTION TO TOTAL FISH PRODUCTION & GROWTH RATE OVER 2020-21.

Variety	2020-21	2021-22	Contribution to the Total production for the year (2021-22 %)	growth rate over 2020-21
1	2	3	4	5
Elasmobranchs	5001	4594	1.06	-8.13
Eels	5293	1870	0.43	-64.67
Catfishes	10673	5502	1.27	-48.45
Chirocentrus SPP.	2771	1605	0.37	-42.08
Sardine	10860	9478	2.19	-12.72
Hilsa Ilisha	2157	2597	0.60	20.42
Anchovies	31196	17658	4.08	-43.40
Thrissoles	4738	2919	0.67	-38.39
Other Clupieds	777	289	0.07	-62.81
Harpadon Nehereus	26769	48255	11.15	80.26
Perches	239	63	0.01	-73.64
Redsnapper	596	189	0.04	-68.27
Polynemidae	1726	1409	0.33	-18.36
Sciaenids	3830	2856	0.66	-25.44
Otolithoides species	33137	30913	7.14	-6.71
Trichiuridae (Ribbonfishes)	27294	15196	3.51	-44.32
Caranx	11780	3959	0.91	-66.40
Pomfrets	14032	17235	3.98	22.83
Black Pomfret	3198	2566	0.59	-19.76
Mackerels	27764	79767	18.43	187.30
Seerfishes	11201	10893	2.52	-2.75
Tunnies	10414	15426	3.56	48.13
Bregmaceros McClellandi	120	282	0.07	135.00
Soles	6506	2505	0.58	-61.50
Sphyræna Spp. (Barracuda)	1755	1213	0.28	-30.87
Leiognathus	1909	801	0.19	-58.04
Upeneus Spp.	4486	6640	1.53	48.02
Penaeid Prawns	45302	56351	13.02	24.39
Non-Penaeids Prawns	33867	39844	9.21	17.65
Natantion Decapods (Lobsters)	327	384	0.09	17.33
Lactarius	2475	1482	0.34	-40.12
Loligo duvauceli (Cephalopoda)	25333	21230	4.91	-16.20
Miscellaneous	30985	26776	6.19	-13.58
Total	398511	432748	100.00	8.59

8.3.1 Total Marine fish production of Maharashtra state was 432748t for the year 2021-22. Estimated total catch of Sardine during the year 2021-22 was (9478t) which formed 2% of the total fish landings of the state and decrease of -12.72% compared to previous year.

Non-penaeid prawns were formed (39844t) 9.21% of the total catch and 17.65% increase over the previous year. Contribution of Harpodon Nehereus was (48255t) 11.15% of the total fish catch and 80.26% increase over the previous year. Penaeid prawns was contributed (56351t) 13.02% of the total Marine fish landings increased by 24.39%. Misc. group was contributed (26776t) 6.19% to total fish catch with decrease of -13.58% from the previous year. The estimated catch of Loligo duvauceli (Cephalopoda) was (21230t) 4.91 % to total fish landing / catch which

showed -16.20% decrease compared to previous year. With (17658t) Anchovies contributed 4.08% to the total fish catch showing -43.40% decreases over previous year. In the state (30913t) 7.14% of *Otolithoides* spp. landed during the year showing decrease of -6.71% from previous year 2020-21. Trichiuridae (Ribbonfishes) contributed (15196t) 3.51% to the total fish catch & decrease of -44.32% over the previous year.

Catfishes formed around (5502t) 1.27 % of the total Marine fish landings with decrease of -48.45% over the previous year 2020-21. Mackerels contributed (79767t) 18.43% to the total fish catch showing an increase of 187.30% over previous year. Contribution of *Upeneus* spp. was (6640t) 1.53% & showing 48.02% increase over previous year. With (17235t) Pomfrets contributed 3.98% to the total Marine fish landings showing 22.83% increases over the previous year. Contribution of Seerfishes was (10893t) 2.52% to the total Marine fish catch with decrease of -2.75% from the previous year. The estimated catch of soles was (2505t) 0.58% to the total fish catch with -61.50% decrease over the previous year. Total catch of *Thripos* was (2919t) 0.67% to the total fish catch & of -38.39% decrease over the previous year. The catch of Sciaenids during the year was (2856t) 0.66% to the total fish catch, showing -25.44% decrease over previous year. Elasmobranchs contributed (4594t) 1.06% to total Marine fish catch with a decrease of -8.13% from the previous year. Total catch of Tunnies was estimated at (15426t) 3.56% to the total Marine fish catch with increase of 48.13% over past year. Lactarius contributed with (1482t) 0.34% to the total fish catch in Maharashtra during the year 2021-22 showing a decrease of -40.12% over the previous year. *Chirocentrus* spp. formed around (1605t) 0.37% to total Marine fish landings with decrease of -42.08% from the previous year.

The fish catch of Polynemidae during the year was (1409t) 0.33% which is -18.36% decreases than that of the previous year. *Caranx* with an estimated catch of (3959t) 0.91% to the total catch and an decreased by -66.40% from the previous year. An estimated Marine fish catch of Black Pomfret was (2566t) landed during the year 2021-22 forming 0.59 % of total Marine fish landings with -19.76% decrease compared to previous year. Total catch of Hilsa Ilisha was (2597t) 0.60% of the total fish catch during the year 2021-22 and increase by 20.42% compared to previous year 2020-21. Total catch of other clupieds was (289t) 0.07% to total Marine fish catch with decrease from -62.81% compared to previous year 2020-21

Contribution of Eels was (1870t) 0.43% to the total fish landings & tremendously a decrease from -64.67% over the previous year. *Sphyrna* spp. (Barracudas) formed around (1213t) 0.28% to the total fish landings with decrease from -30.87% over the previous year. *Leiognathus* contributed (801t) 0.19% to the total fish landings showing decrease of -58.04% over the previous year. Total catch of *Bregmaceros Macelendi* estimated at (282t) 0.07% to the total Marine fish landings with 135% increase over previous year. Natantion Decapods (Lobsters) with (384t) 0.09% contributed to the total fish landings showing 17.33% increases from the previous year. The estimated fish landing of Redsnapper during the year 2021-22 was (189t) 0.04% which was a decrease by -68.27% compared to previous year. The fish landings of Perches were estimated at (63t) forming 0.01% of the total Marine fish catch and showing tremendously decreases of -73.64% over the previous year 2020-21.

The important species forming the Marine fishery were Sardine 2.19%, Non-Penaeid Prawns 9.21%, Harpadon Nehereus 11.15%, & Penaeid Prawns 13.02 % during the year 2021-22 in the Maharashtra state. Catch of Penaeid Prawns for the year 2018-19, 2020-21 & 2021-22 registered an increasing and contributed 10.00%, 11.37% & 13.02% respectively. For the year 2017-18 &

2019-20 decreasing trend and contributed 9.73% & 9.75% respectively. Non-Penaeid Prawns was contributed (39844t) 9.21% to the total Marine fish landings of the state. Mackerels was contributed (79767) 18.43% to the total Marine fish landings of the state ranking as the 1st largest contributor in the Marine fish landings during the year 2021-22. Mackerels 18.43%, Non-Penaeid Prawns 9.21%, Harpodon Nehereus 11.15%, Penaeid Prawns 13.02 % were the highest contributor in Marine fish production remained as the top four Marine fish producing varieties while percentage contributed together 51.81% to the total Marine fish landings of the state during the year 2021-22.

TABLE -7
VARIETY WISE MARINE FISH PRODUCTION WITH THEIR CONTRIBUTION TO TOTAL FISH PRODUCTION & GROWTH RATE OVER 2017-18.

Sr. no	Variety	2017-18	2021-22	Contribution to the Total production for the year (2021-22 %)	growth rate over 2017-18
	1	2	3	4	5
1	Elasmobranchs	11381	4594	1.06	-59.63
2	Eels	2644	1870	0.43	-29.27
3	Catfishes	10397	5502	1.27	-47.08
4	Chirocentrus SPP.	5431	1605	0.37	-70.45
5	Sardine	18899	9478	2.19	-49.85
6	Hilsa Ilisha	1459	2597	0.60	78.03
7	Anchovies	19354	17658	4.08	-8.76
8	Thrissoles	8942	2919	0.67	-67.36
9	Other Clupieds	641	289	0.07	-54.91
10	Harpadon Nehereus	36228	48255	11.15	33.20
11	Perches	518	63	0.01	-87.84
12	Redsnapper	526	189	0.04	-64.04
13	Polynemidae	866	1409	0.33	62.72
14	Sciaenids	3471	2856	0.66	-17.73
15	Otolithoides species	23017	30913	7.14	34.31
16	Trichiuridae (Ribbonfishes)	27209	15196	3.51	-44.15
17	Caranx	6312	3959	0.91	-37.28
18	Pomfrets	18826	17235	3.98	-8.45
19	Black Pomfret	2091	2566	0.59	22.72
20	Mackerels	50379	79767	18.43	58.33
21	Seerfishes	12521	10893	2.52	-13.00
22	Tunnies	9562	15426	3.56	61.33
23	Bregmaceros Mcclellandi	280	282	0.07	0.71
24	Soles	6406	2505	0.58	-60.90
25	Sphyræna Spp. (Barracuda)	2981	1213	0.28	-59.30
26	Leiognathus	1284	801	0.19	-37.62
27	Upeneus Spp.	24353	6640	1.53	-72.73
28	Penaeid Prawns	46211	56351	13.02	21.94
29	Non-Penaeids Prawns	59275	39844	9.21	-32.78
30	Natantion Decapods (Lobsters)	835	384	0.09	-54.05
31	Lactarius	3308	1482	0.34	-55.20
32	Loligo duvauceli(Cephalopoda)	22128	21230	4.91	-4.06
33	Miscellaneous	37257	26776	6.19	-28.13
	TOTAL	474992	432748	100.00	-8.89

8.3.2 The data shows that Marine fish production of Harpadon Nehereus (48255 t), Otolithoides spp. (30913 t), Mackerels (79767 t) & Penaeid Prawns (56351 t) catch has inclined by 33.20% ,34.31% ,58.33% and 21.94% respectively compared to 2017-18. The Tunnies (15426 t) catch has grown up by almost 61.33% & Hilsa Ilisha (2597 t) has incline by 78.03. Landings of Non-Penaeid Prawns (39844 t) -32.78%, Thrissocles (2919 t) -67.36%, Sardine (9478t) -49.85%, Ribbonfishes (15196t) -44.15% has been decreased compared to 2017-18. The landings Uppeneus Spp, Sphyræna Spp.(Barracudas), Elasmobranchs, Catfishes, Redsnapper and Anchovies decreased by -72.73%, -59.30%, -59.63%, -47.08%, -64.04% & -8.76 % respectively in the same span.

Fish landing of the quantity of Polynemidae, Black pomfrets, & Bregmaceros Mecelendi, has inclined by 62.72%, 22.72% & 0.71% respectively between 2017-18 to 2021-22. The Perches, Other clupied, Soles, Seerfish, Eels, lactarious ,Natantion Decapods (Lobsters), Loligo duvauceli (Cephalopoda), Leiognathus & Miscellaneous group catch has declined by -87.84%, -54.91%, -60.90%, -13.00%, -29.27%, -55.20%, -54.05%, -4.06%, -37.62% & -28.13% respectively in these five years.

The total fish landings raised from (474992t) in 2017-18 to (432748t) in 2021-22 and decreased of -8.89% compared to 2017-18. The overall trend in Maharashtra for the last several years has been decline in fish stock and catch. While there has been marginally decreased in the fish catch in Maharashtra in the last five years.

8.4 PRICE VARIATIONS

8.4.1 Average prices per tonne of Marine fish varieties in Maharashtra state is shown in Table No. 10. In the year 2021-22 value of total fish production in the state was 8570 crores. Out of which Marine fish production was contributed worth 6655 crores during the year 2021-22.

Average price per tonne of Natantion Decapods was (1089968) which was highest in the Marine fish varieties during the year 2021-22. Whereas average price per tonne of Pomfrets was (629587), which was second highest in prices as well as share in Marine fish valuation. The third highest in Marine fish prices was Seerfishes (472298) per tonne. Black Pomfret's average price per tonne was (422575), Sciaenids was (385511) & Perches was (380952). Average price of Polynemidae recorded during the year was (374032), Catch of Eels was worth (276245) whereas price of Redsnapper was (273842) per tonne. Hilsa Ilisha price was (266191) and Penaeid Prawn's price was (253451) which was highest in share in Marine fish valuation even though prices were low compared to other varieties. While average price per tonne of Loligo duvaucelli (Cephalopoda) was (200896), Chirocentrus spp. was (158942), Elasmobranchs was (128113) Sphyræna spp. (Barracudas) was (122398). Whereas average price per tonne of Mackerels was (121715) which was third highest in share in Marine fish valuation during the year 2021-22 in the state. Average price per tonne of Tunnies was (116420), Lactarius was (105712) , Catfishes was (110778), Thrissocles was (55244) & Harpadon Nehereus was (72090) during the year 2021-22. Whereas average price per tonne of Trichiuridae (Ribbon fishes) was (75103) ,Leiognathus was (67965) , Soles was (49972) & Otolithoides species was (73365) in total valuation . Average price per tonne of Non-Penaeid Prawns species in valuation of Marine fish was (49568) during the year 2021-22 in the state.

Varieties of average highest prices were Natantion Decapods (Lobsters), Pomfrets, Seerfishes, Black Pomfrets , Sciaenids, Polynemidae & lowest prices varieties were other clupieds, Non-Penaeid Prawns, Soles, Anchovies, Thrissocles, Bregmaceros Mcclellandi, & etc. in the state during the year 2021-22.

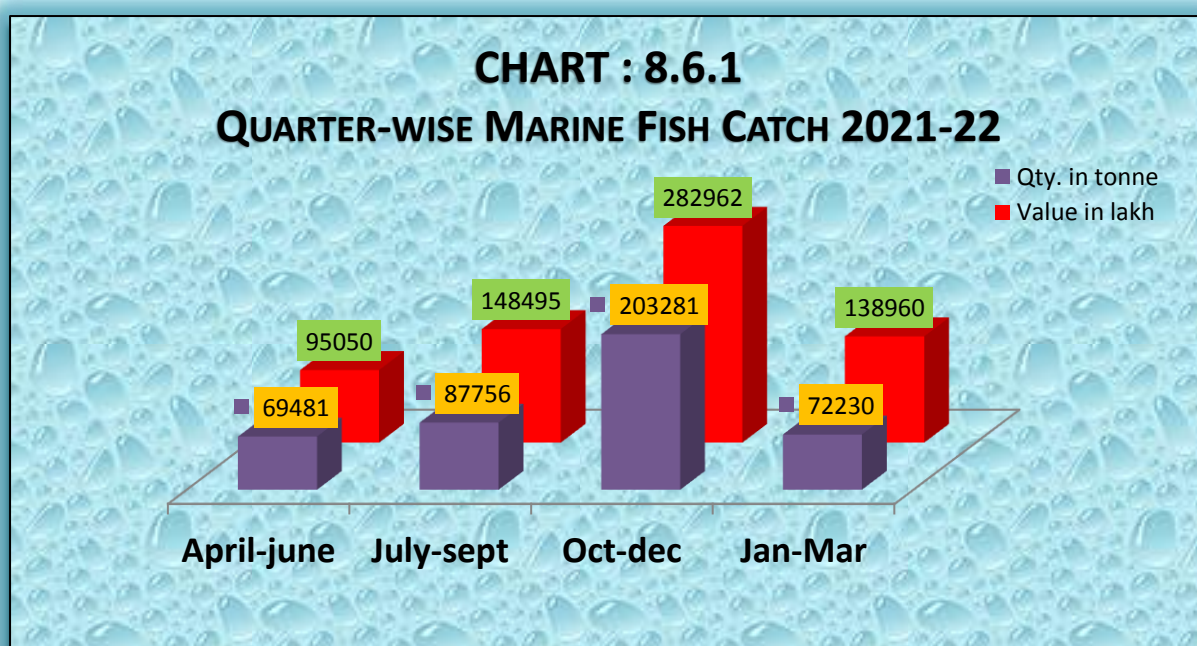
8.5 PERCENTAGE SHARE OF PROMINENT VARIETIES OF MARINE FISH VALUATION

8.5.1 Percentage share of prominent varieties in total valuation of Marine fish production in Maharashtra during the year 2021-22 is shown in Table No. 9.0. Contribution of Penaeid Prawns in total valuation of Marine fish production was 21.46%, while share of Pomfrets 16.31%, Mackerels contributed 14.59%, Seerfishes contribution was 7.73%, Loligo duvaucelli (Cephalopoda) share was 6.41%, Harpadon Nehereus formed 5.23% and Otolithoides species contributed 3.41% in total valuation of Marine fish production.

Contribution of Non-Penaeids Prawns was 2.97 %, Trichiuridae (Ribbon fishes) contributed by 1.71%, Sciaenids was 1.65% & Elasmobranchs share was 0.88% in total fish valuation during the year 2021-22. Contribution of Natant Decapods was 0.63%, and share of other varieties was 3.42 % during the year 2021-22 in the Maharashtra state. Penaeid Prawns 21.46% which was the highest contributor in total valuation of Marine fish production. Share of other clupied & Perches was 0.02%, & 0.04% respectively which were the lowest contributor in valuation of Marine fish production during the year 2021-22.

Penaeid prawns 21.46 %, Pomfrets 16.31 %, Mackerels 14.59 %, Seer fishes 7.73 %, Loligo duvaucelli (Cephalopoda) 6.41 %, and Harpodon Nehereus 5.23 % are the prominent varieties and contributed together is 71.73 % in total valuation of Marine fish production during the year 2021-22.

8.6 SEASONAL VARIATIONS



8.6.1 Variety and quarter-wise Marine fish production of Maharashtra state during the year 2021-22 is shown in Table No.4.0. Quarter-wise Marine fish catch showed considerably variations. Maximum landings (203281t) 46.97% to total Marine fish production was recorded during 3rd quarter (Oct-21 to Dec-21) followed by 2nd quarter (July-21 to Sept-21) it was (87756t) 20.28%, in 4th quarter (Jan-22 to Mar-22) it was (72230t) 16.69%, and 1st quarter (Apr-21 to June-21) it was (69481t) 16.06 % of total Marine fish production during the year 2021-22 in the state.

Marine fish catch during April 2021 to June 2021 was (69481t) 16.06 %. Highest Marine fish producing varieties were Mackerals (12350t), Non-Penaeid Prawns (9063t) & Penaeid Prawns (5841t) during the quarter. In 2nd qr. during July 2021 to Sept. 2021 the Marine fish landings was (87756t) 20.28% during the year 2021-22. Highest Marine fish producing varieties during this quarter were, Penaeids Prawns (14972t), Harpodon Nehereus (14364t), Otolithoides (12892t) & Mackerals (9321t).

Department regarding implementation of a uniform fishing Ban in the Indian Exclusive Economic Zone (EEZ) beyond territorial waters for conservation & effective management of fishery resources & also for sea safety reasons. Ban period was from 1st June to 31st July, 2021 (both days inclusive) (61days) for West coast. The traditional Non-machanised units shall be exempted from this uniform fishing ban imposed in the Indian EEZ beyond territorial waters. So in that period lowest landing was observed during the month of June & July 2021.

In 3rd quarter, compared to other quarter, fish catch showed (203281t) 46.97% which is highest over the previous year and highest Marine fish producing varieties were Mackerals (48218t), Harpadon Nehereus, (24832t), Penaeids Prawns (22516t), Non-Penaeid Prawns (19704t), Tunnies (11306t) during the quarter in 2021-22. In 4th quarter, the production of Marine fish was (72230t) 16.69% & high producing varieties were Penaeid prawns (13022t), Mackerels (9878t), Non-penaeid Prawns (8654t), Harpadon Nehereus, (5792t) & Otolithoides Spp. (5759t).

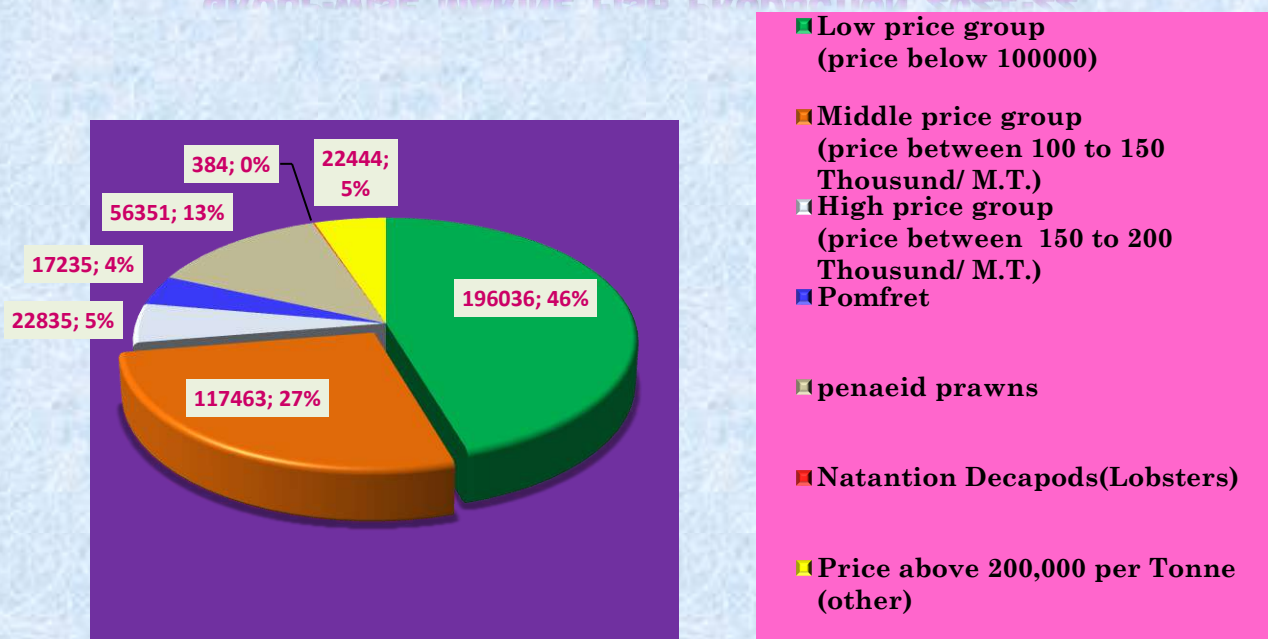
The lowest Marine fish production was estimated at (246t) in the month of July, 2021. Fishery occurred round the year with peak landings during Sept. 2021 to Dec. 2021. Fishery occurred throughout the year with peak landings during the post monsoon month the Marine fish production was in Sept. 2021 (66780t) 15.43%, Oct 2021 (82768t) 19.13%, Nov 2021 (80557t) 18.61%, Dec. 2021 (39956t) 9.23% of total Marine fish production during the year 2021-22 in the state.

Minimum catch of (246t) 0.06% was recorded during July 2021 immediately following the monsoon trawl ban. Major portion of landings was during Sept. 2021 to Dec. 2021. Total Marine fish catch was higher during, April, May, Sept., Oct., Nov. and Dec. 2021. The lowest total fish catch was recorded during July 2021 was (246t) 0.06% and in June 2021 (318t) 0.07% which ranged between 0.06% to 0.07%.

TABLE -8
GROUP-WISE MARINE FISH PRODUCTION 2021-22.

Group -wise prices	Tonnes	%
Low price group (price below 100,000)	196036	45.30
Middle price group (price between 100,000 to 150,000 per Tonne)	117463	27.14
High price group (price between 150,000 to 200,000 per Tonne)	22835	5.28
Price above 200,000 per Tonne		
A. Pomfret	17235	3.98
B. Penaeid Prawns	56351	13.02
C. Natantion Decapods(Lobsters)	384	0.09
D. Others	22444	5.19
TOTAL	432748	100.00

CHART : 8.7.1
GROUP-WISE MARINE FISH PRODUCTION 2021-22



8.7.1 According to Table - 8 about (196036t) 45.30% of total Marine fish production of the state belongs to low price group (below 100000) as against (117463t) 27.14 %, belongs to middle price group (100000-150000), whereas the percentage of High price group between (150000 to 200000) was (22835t) 5.28 % & remaining group i.e. above 200000 was the (including Pomfret (17235t) 3.98%, Penaeid Prawns (56351t) 13.02 %, Lobsters (384t) 0.09%, and others (22444t) 5.19% to total Marine fish landings during the year 2021-22.

8.8. DISTRICT-WISE PRODUCTION & VALUE OF MARINE FISH

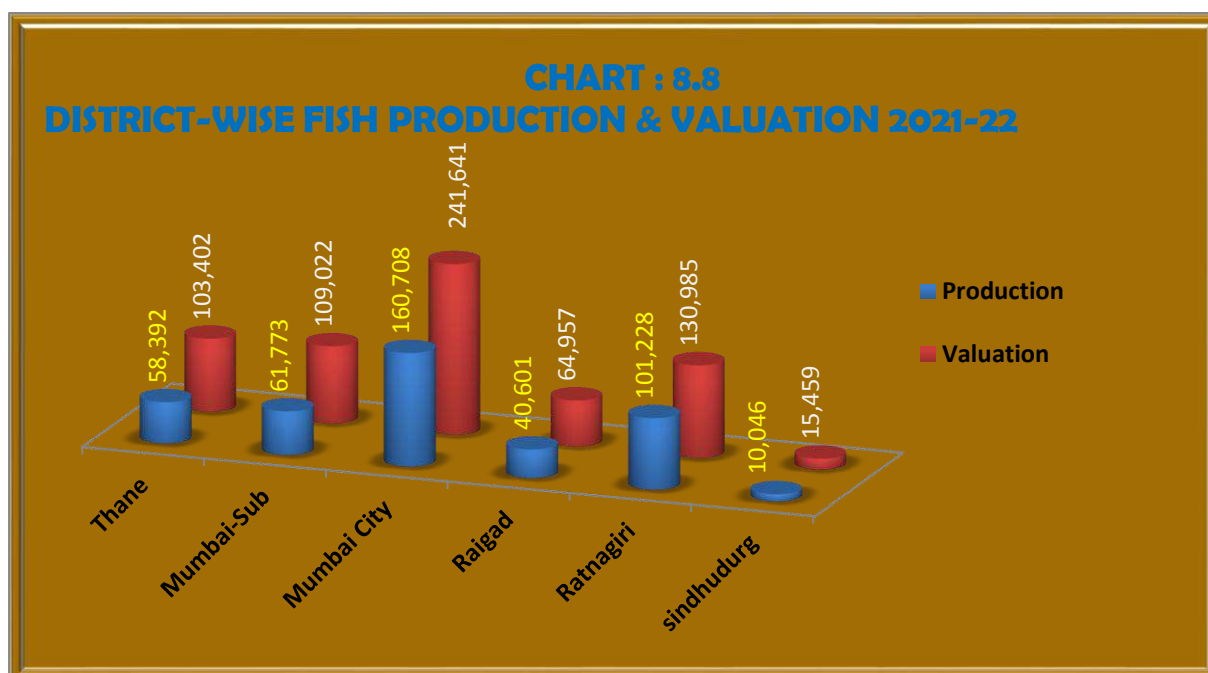
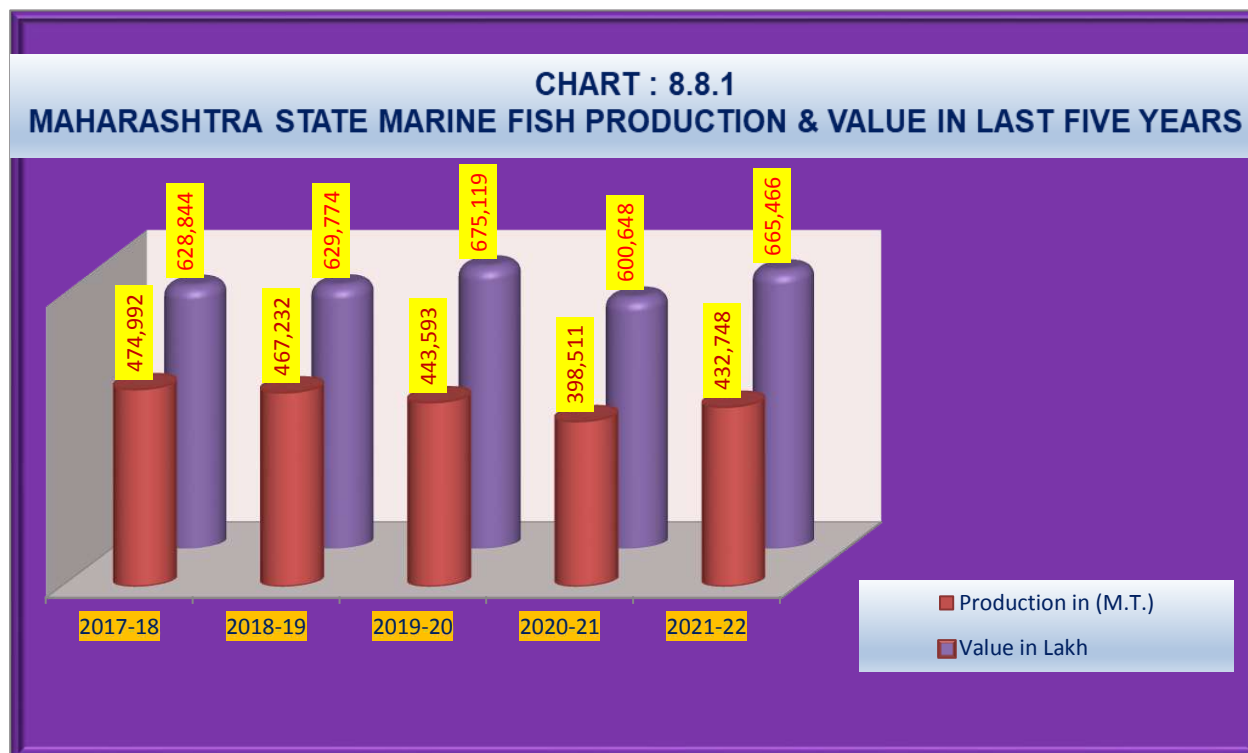


TABLE- 9
MARINE FISH PRODUCTION AND ITS GROSS VALUE & VALUATION

Sr. No.	Year	Production in tonne	Gross value as per current price per Tonnes	Valuation of Marine fish production in Lakh
1	2	3	4	5
1	2017 -18	474992	132390.44	628844
2	2018 -19	467232	134788.37	629774
3	2019 -20	443593	152193.37	675119
4	2020- 21	398511	150723.09	600648
5	2021- 22	432748	153777.10	665466



8.8.1 Table 9 is showing Marine fish production (in tonnes) & its Gross value & valuation from 2017-18 to 2021-22. The valuation of total Marine fish catch during the year 2021-22 was estimated at 6655 crore shows increase of 10.79 % & also the production of Marine fish was estimated at 432748 tonnes shows increase of 8.59 % over the earlier year.

8.9 FISHING FLEET

8.9.1 There are 15524 Marine fishing boats in operation out of which 13172 are Mechanised boats & rest are 2352 of Non-mechanised boats during the year 2021-22. Compared to previous year total Marine fishing boats was increased by 2.01%. Out of these Mechanised boats increased by 1.75% & Non-mechanised boats increased by 3.52% respectively during the year 2021-22 whereas compared to 2017-18 total boats decreased by -8.57%, out of these Mechanised boats & Non-Mechanised boats decreased by -2.78% & -31.47% respectively.

An operating boat is one which was in operation for at least 15 days in a month and at least two such months in a year. Total No. of Mechanised & Non-Mechanised operating Boats in Maharashtra states from 1996-97 to 2021-22 is given in (Table No.12.)

8.10 FISHING METHODS AND EFFORTS

8.10.1 Trawl fishing, Bagnet fishing, Gillnet fishing and Purseseine fishing are the principal fishing methods adopted in Maharashtra. The number of efforts made by the fishing fleet under different methods of fishing is given in the following Table – 10

TABLE- 10			
NUMBER OF EFFORTS ACCORDING TO FISHING METHODS DURING 2021-22			
Sr. No.	Fishing Methods	Mechanised boats	Non-mechanised Boats
1	2	3	4
1	Trawlnet fishery	200752	0
2	Bagnet Fishery	286388	23817
3	Gillnet Fishery	351673	21878
4	Purseseine	48552	0
5	Longlines	82	0
6	Rampan	0	1838
7	Other boats	23822	44636
8	Total Efforts	911269	92169
9	Total Production In Tonnes	431362	1386
10	Total no. of operating boats	13172	2352
11	Per boat No. of efforts	69	39
12	Per boat Production In Tonne	33	1
13	Per Unit efforts catch in Kg.	473	15

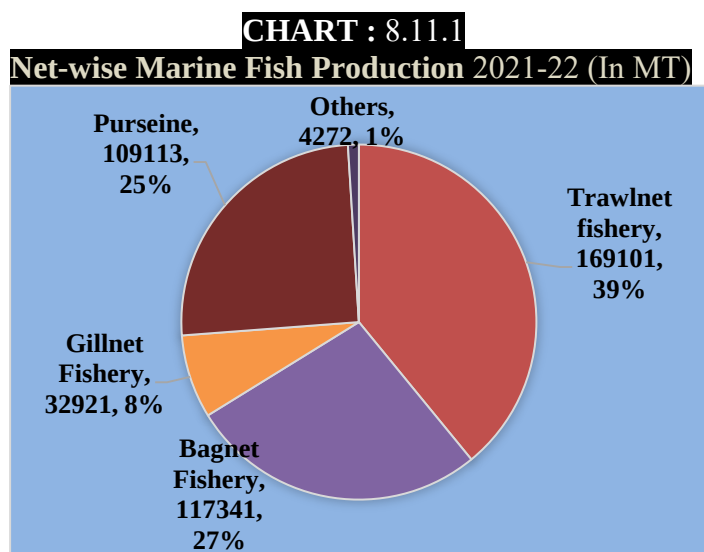
8.10.2 From the above Table 10, it will be seen that on an average, each operating Mechanised Boats & Non- Mechanised Boats has put in the 69 & 39 numbers of efforts respectively during the year 2021-22. The percentage catch by Mechanised Boats was very high. It was 99.68% in 2021-22. The average catch per unit efforts in case of Mech. Boats 473 kg. & it was only 15 kg in the case of Treditional crafts / Non- Mechanised Boats in 2021-22. Total effort during the year 2021-22 was 1003438 which was decreased by -30.57 % compared to previous year 2020-21 & of -4.85 % decreased compared to 2017-18. Out of which efforts by Mechanised boats was 911269 & by Non- mechanised boats it was 92169 during the year. (Table No.14)

Efforts by Mechanised boats was 911269, Out of these efforts, by Bagnet boats efforts was (286388) 31.42% which was highest followed by Gillnet boats fishing (351673) 38.59%, by Trawlnet boats fishing (200752) 22.03% by other boats fishing was (23822) 2.61%, by Purseseine boats fishing it was (48552) 5.33%, & by Longlines fishing was (82) 0.01% during the year. On the other hand efforts by Non-mechanised boats was 92169, Out of these efforts ,Other boats efforts was (44636) 48.43% to total boats which was highest followed by Bagnet boats fishing was (23817) 25.84 %, by Gillnet boats fishing was (21878) 23.74 %, by Rampan boats (1838) 1.99 % during the year 2021-22. (Table No. 5.0).

Per unit efforts of Marine fish catch in the case of Mechanised boats it was 473 kg. Per unit efforts of Marine fish catch by Purseseine boats was 2247 kg followed by Trawlnet boats 842 kg, by Bagnet boats it was 409 kg, by Gillnet boats 93 kg, by other boats 149 kg. And by long lines it was 49 kg during the year. In the case of Non - Mechanised boats per unit efforts of Marine fish

production was only 15 kg. Per unit efforts of Marine fish production by Rampan boats was 119 kg (which was high) followed by Gillnet boats 16 kg, Bagnet boats 14 kg & by other boats 11 kg during the year 2021-22. (Table No. 5.0)

8.11. NET-WISE MARINE FISH PRODUCTION



8.11.1 During the year 2021-22 total Marine fish landings by Mechanised & Non- Mechanised Boats was (431362t) 99.68% & (1386t) 0.32 % respectively. Marine fish production was harvested by Trawlers boats (169101t) 39.08% followed by Bagnets (117341t) 27.12%, by purseseine it was (109113t) 25.21 %, by Gillnet (32921t) 7.61% & fish catch by longlines, Rampan & other boats it was (4272t) 0.99 % during the year in the state. (See Table No. (6.0))

TABLE-11
NET-WISE MARINE FISH PRODUCTION & GROWTH RATE

Net	2016-17	2017-18	G.R.%	2018-19	G.R.%	2019-20	G.R.%	2020-21	G.R.%	2021-22	G.R.%
1	2	3	4	5	6	7	8	9	10	11	12
Trawl-net	209857	189645	-9.63	191383	0.92	205832	7.55	174273	-15.33	169101	-2.97
Bag-net	144683	162117	12.05	166264	2.56	143115	-13.92	118036	-17.52	117341	-0.59
Gill-net	46490	50360	8.32	46571	-7.52	41409	-11.08	44388	7.19	32921	-25.83
Longlines	137	122	-10.95	557	356.56	864	55.12	25	-97.11	4	-100.0
Rampan	230	143	-37.83	74	-48.25	166	124.32	307	84.94	218	-100.0
Purseseine	58238	71280	22.39	60355	-15.33	46908	-22.28	55695	18.73	109113	95.91
Others	3112	1325	-57.42	2028	53.06	5299	161.29	5787	9.21	4050	-26.18
TOTAL	462747	474992	2.65	467232	-1.63	443593	-5.06	398511	-10.16	432748	8.59

8.11.2 Except Purseseine remaining net-wise Marine fish production during the year 2021-22 is showing negative trend over the previous year whereas Marine fish production by trawl-net, longlines, rampan & others was showing negative trend and remaining net-wise Marine fish Production was showing positive trend during 2017-18.

From 2017-18 to 2021-22 in last five years the growth rate of Marine fish production by trawl-net was showing negative trend -9.63,-15.33 &-2.97 % (except 2018-19 & 2019-20, it was increase of 0.92% & 7.55%). By Bag-net 2019-20 to 2021-22 was showing negative trend of, -13.92% , -17.52% & -0.59 respectively while it was positive trend of 12.05% & 2.56% in 2017-18 & 2018-19 respectively. Whereas fish production by Gill-net in 2017-18 & 2020-21 it was positive trend of 8.32% & 7.19% respectively over the previous year & in 2018-19,2019-20,& 2021-22 it was showing negative trend of -7.52%, -11.08% & -25.83 respectively. While Marine fish production by purseseine net in 2018-19 & 2019-20 was showing decrease of -15.33% & -22.28% over the previous year and in 2017-18 ,2020-21 &2021-22 it was showing increase of 22.39%, 18.73% & 95.91% respectively.

8.12 PRODUCTION BY TRAWLNET

8.12.1 Marine fish landings/ catch by Trawl-net boats was (169101t) 39.08% to total Marine fish production & out of these (107795t) 63.75% of Mumbai city to total Marine fish production by Trawl-net boats which showed maximum contribution followed by Ratnagiri district was second highest contributor which was produced (29455t) 17.42%, Contribution of Mumbai Sub. was (21218t) 12.55%, Raigad district was (6301t) 3.73% & Sindhudurg district (4332t) 2.56% (which was lowest compared to other district) to total Marine fish production by Trawl-net boats during the year 2021-22.

Compared to previous year total production of Marine fish landings / catch by Trawl-net boats were decreased by -2.97%. The share of Mumbai city has increased by 14.06% while percentage contribution of Ratnagiri district was decreased by -27.98% over the previous year. Fish catch by Trawl-net boats of Mumbai sub. over the previous year has decreased by -17.70%. Total marine fish production of Sindhudurg district was a decline of -45.40% from the previous year. Total production of Raigad district was increased by 22.35% to total marine fish production by Trawl-net compared to previous year 2020-21.

Contribution of total Marine fish production by Trawl-net boats of other group was (32736t) 19.36%, Penaeid Prawns (38082t) 22.52%, *Loligo duvauceli* Cephalopoda (16511t) 9.76%, Ribbonfish (7784t) 4.60%, *Otolithoides* species (25971t) 15.36%, Anchovies (4938t) 2.92%, *Harpodon nehereus* (23450t) 13.87%, Mackerel (6419t) 3.80%, *Lactarius* (795 t) 0.47%, Cat fishes (1607t) 0.95%, Pomfrets (4162t) 2.46%, Elasmobranchs (1317t) 0.78%, Seerfishes (2425t) 1.43%, Non Penaeid Prawns (2080t) 1.23%, Eels (631t) 0.37% and Natantion decapods (194t) 0.11% to total Marine fish production by Trawl-net boats in the state during the year. (Table No.7.0)

Highest share varieties were Penaeid Prawns 22.52%, *Otolithoides* species 15.36%, *Harpodon nehereus* 13.87% *Loligo duvauceli* Cephalopoda 9.76%, and Ribbonfish 4.60%, & contributed together 66.11% to total Marine fish production by Trawl-net.

8.13 TOTAL CATCH

8.13.1 District-wise per trip particulars of Trawlers, Mechanised Gillnets, Mechanised Bag-net boats, Mechanised Purses seine boats and Non-mechanised Bag-net boats is given in Table No.8.1 to 8.5 respectively. Total catch per trip by Trawlers of Mumbai city was 3577 kg. which was highest followed by Mumbai sub. 2564 kg., Ratnagiri district 301 kg., Raigad district 165 kg. & Sindhudurg district was 165 kg. during the year 2021-22.

Total catch per trip by Mechanised Gillnets boats of Thane district was 625kg. which was highest followed by Mumbai sub. 123kg, Mumbai city 119kg, Raigad district 79 kg., Ratnagiri district 56 kg., & Sindhudurg district was 42 kg. only. Total catch per trip by Mechanised-Bag-net Boats of Thane district was 569 kg. which was highest followed by Mumbai Sub. 524 kg., Raigad district was 238 kg., Mumbai city was 228 kg. Total catch per trip by Mechanised Purses seine boats of Mumbai city was 2473 .kg. which was highest followed by Raigad district was 2162 kg & Ratnagiri district was 2156 kg., during the year. Total catch per trip by Non-machanised Bag-net boats of Mumbai city was 31 kg. which was highest followed by Mumbai sub. 21 kg., Raigad district was 16 kg. & Thane district was 8 kg. during the year in the state. Total catch per trip by Non-machanised Gillnet boats of Mumbai city was 27 kg. which was highest followed by Sindhudurg district 17 kg., Raigad district was 15 kg., Ratnagiri district was 10 kg. & Mumbai sub. was 8 kg. during the year in the state.

Over the year fish catch by Mechanised Trawler boats of Mumbai city was high whereas fish catch by Non-Mechanised Bagnet boats of Thane was low of total Marine fish landings in the state. Catch rate by Mechanised Trawler boats of Mumbai city was remained at the highest followed by Purseseine of Mumbai city as well as by Non-Mechanised Bagnet boats & Non-Mechanised Gillnet boats. Whereas catch rate by Mechanised Gillnet boats & Mechanised Bagnet boats of Thane district was high. (Table No. 8.1 to 8.6)

8.14 TOTAL TRIPS

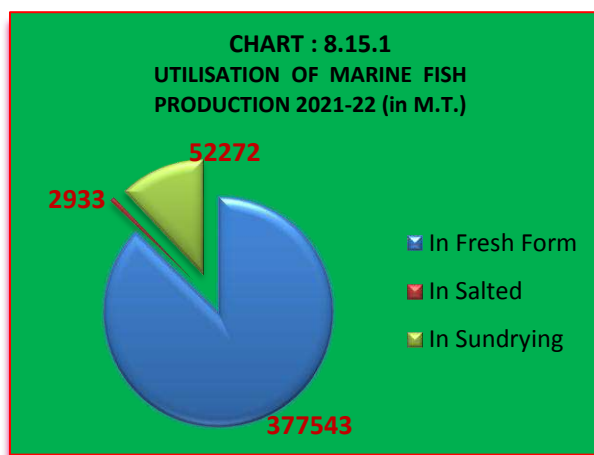
8.14.1 Total number of estimated trips by Trawlers of Ratnagiri district was 97895 which was highest followed by Raigad district 38118, Mumbai city 30133, Sindhudurg district 26332 & Mumbai sub. 8274 whereas total number of estimated trips by Mechanised Gillnet boats of Sindhudurg district was 130247 which were highest followed by Raigad district 115789, Ratnagiri district 45737, Mumbai city 32048, Thane district 16248 & Mumbai sub. 11604 during the year 2021-22.

Total number of estimated trips by Mechanised-Bagnet boats of Thane district was 84695 which was highest followed by Raigad district 77309, Mumbai Sub. 74553, Mumbai city 49831 only. Total number of estimated trips of Ratnagiri district was 31944 which was highest followed by Mumbai city 13927, Raigad district 2681, by Mechanised Purseseine boats. Total number of estimated trips of Raigad 10961 which was highest followed by Thane district 9672, Mumbai sub. 2401, Mumbai city 783 by Non-Mechanised Bagnet boats in the Marine fish catch during the year. Total number of estimated trips of Sindhudurg district 16614 which was highest followed by Ratnagiri district 1944, Mumbai sub. 1322, Raigad district 1288 & Mumbai city 710 by Non-Mechanised Gillnet boats in the Marine fish catch during the year. Catch trips by Mechanised Gillnet boats of Sindhudurg district was the highest followed by Trawlers of Ratnagiri district, by Mechanised Bagnet boats of Thane districts, by Mechanised Purseseine boats of Ratnagiri district, by Non-Mechanised Bagnet boats of Raigad district and by Non-Mechanised Gillnet boats of Sindhudurg district in the state during the year 2021-22. (Table No. 8.1 to 8.5)

8.15 UTILIZATION OF MARINE FISH PRODUCTION

8.15.1 Round about (377543 t) 87.24% estimated catch is used for consumption in fresh form & (52272 t) 12.08% used for sun drying. Remaining (2933 t) 0.68% is used for salting.

(Details of utilization of fish is given in Table No. 11.0)

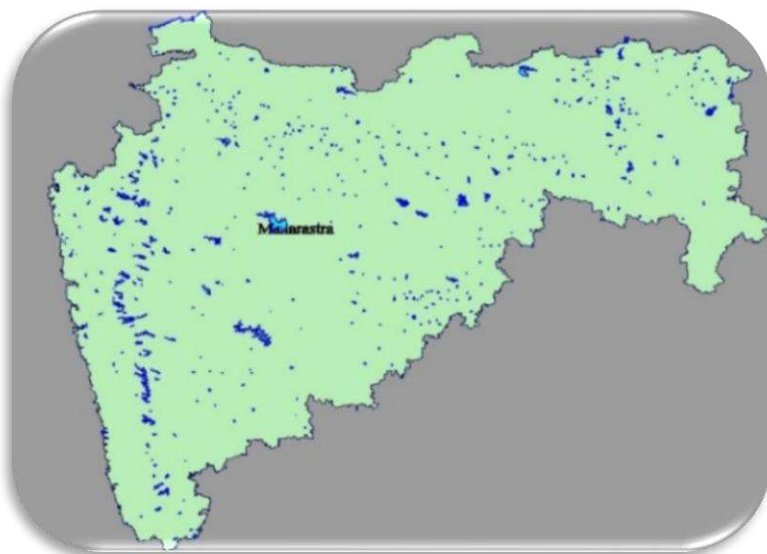
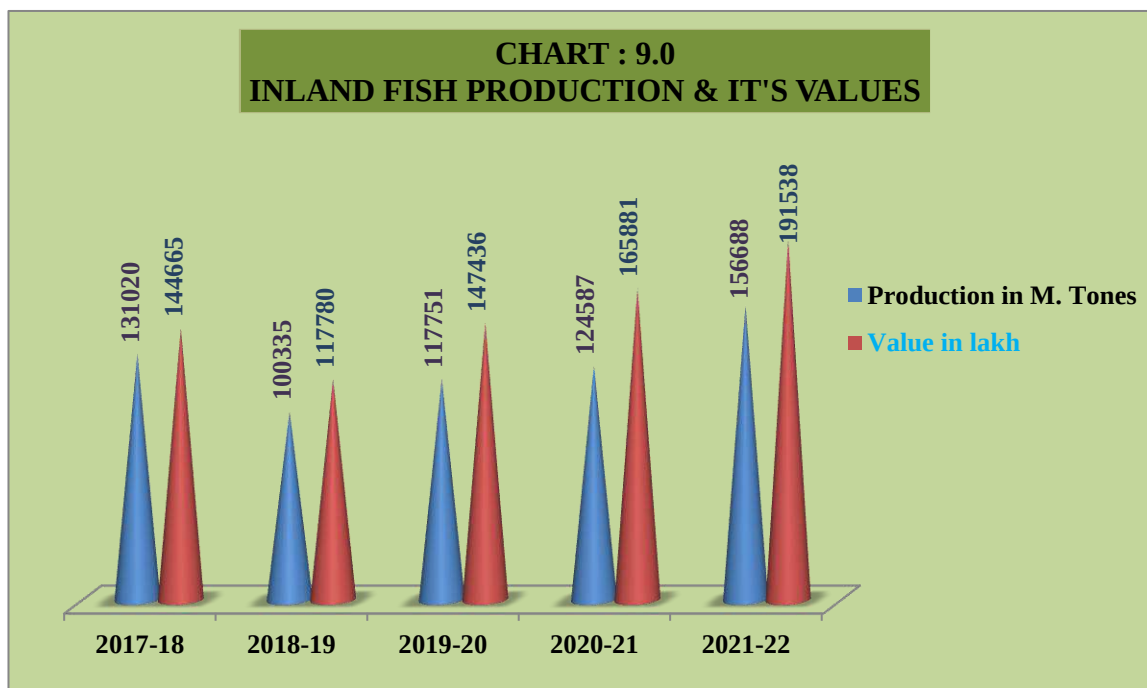


8.16 EMPLOYMENT GENERATED

8.16.1 The average size of crew working on boats largely depends on the type of fishing for which the boat is deployed. Taking into consideration the number of different type of boats operating along the coast, it can be said that the actual fish catch activity has provided an estimated employment to 91308 fishermen throughout the year 2020-21 while it is 93144 in the year 2021-22. This figure does not include the employment generated from other allied activities.

9.0 INLAND FISHERIES

9.1 Inland fishery deals with the fishery aspects of waters other than marine water. They pertain to two types of waters namely the fresh and the brackish. The farmer includes the state's great river systems an extensive network of irrigation canals, reservoirs, lakes, tanks, ponds etc. Inland Fisheries includes fishes from rivers, lakes, canals, reservoirs, ponds, tanks etc. Improving Inland fisheries production fisheries enhancement involves activities designed to increase the size and number of fish available in inland waters. Important edible fresh water fishes in the State are Rohu, Calbasu, catla, Shighara etc. It includes coastal off shore and deep sea fisheries. Inland fish production was 156688 tonnes worth 1915 crores which was increased by 25.77 % & 19.59% over the previous year 2020-21 & 2017-18 in the five years period respectively. (Table No. 13)



9.1.2 The State has 3.49 lakh hectare of inland water resources, comprising 2.83 lakh hectare of Irrigation department tanks (2490 nos.), 0.66 lakh hectare of Zilha Parishad tanks (20018 nos.) besides 17790 km length of Rivers which provide immense scope for development of inland fisheries.

9.1.3 Information on individual waterbody with green shade & blue dots of e-Atlas for waterbodies of Maharashtra is shown in the map.

Source- ICAR- Central Inland fisheries Research Institute Barrackpore, Kolkata.

TABLE-12**REGION-WISE GROWTH RATE OF INLAND FISH PRODUCTION**

Region	2016-17	2017-18	G.Rate %	2018-19	G.Rate %	2019-20	G.Rate %	2020-21	G.Rate %	2021-22	G.Rate %
1	2	3	4	5	6	7	8	9	10	11	12
Kokan	3876	6460	66.67	8046	24.58	5750	-28.54	5644	-1.84	3703	-34.39
Nashik	15638	14471	-7.46	15534	7.35	14968	-3.64	15209	1.61	14434	-5.10
Pune	14392	16263	13.00	15213	-6.46	21021	38.18	20396	-2.97	18435	-9.61
Aurangabad	12046	12089	0.36	7745	-35.93	10454	34.98	12797	22.41	16619	29.87
Latur	12475	16140	29.38	13383	-17.08	12284	-8.21	19046	55.05	17911	-5.96
Amaravati	17799	18887	6.11	17477	-7.47	16618	-4.92	13575	-18.31	31255	130.24
Nagpur	123940	46710	-62.31	22937	-50.89	36656	59.81	37920	3.45	54331	43.28
Total	200166	131020	-34.54	100335	-23.42	117751	17.36	124587	5.81	156688	25.77

From 2017-18 to 2021-22 the inland fish production during 2021-22 is estimated at 156688t with increase of 25.77% over the past year. In the last 5 year the inland fish production has been marginally decrease of -34.54 % & -23.42% in the year 2017-18 & 2018-19 respectively. The inland fish production was gradually inclined by 17.36%, 5.81% & 25.77% in the year 2019-20, 2020-21 & 2021-22 respectively over the previous year.

During 2017-18 Inland fish production growth rate was negative trend of -34.54%. In this year Nashik & Nagpur region was showing negative trend of -7.46 % & -62.31% and remaining region was showing positive trend of growth rate during the year. In this year growth rate of Konkan region was showing tremendously increase of 66.67% over the previous year. Inland fish production during 2018-19 slightly decreased by -23.42% over the previous year. And except Kokan & Nashik region remaining region was showing negative trend over the previous year.

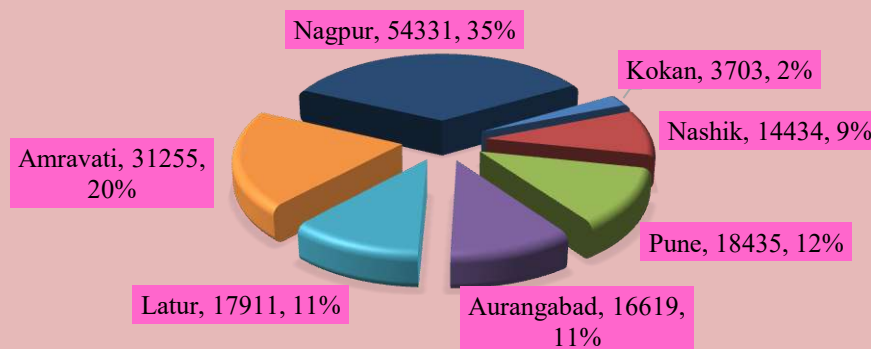
During 2019-20 inland fish production was increase of 17.36% over the previous year. The region growing at a pace positive trend of 38.18%, 34.98%, & 59.81% of pune, Aurangabad, & Nagpur region respectively, Whereas Kokan, Nashik, Latur & Amravati region was showing negative trend of -28.54%, -3.64%, -8.21% & -4.92% respectively.

During 2020-21 growth rate of Inland fish production was inclined by 5.81%. In this year Kokan region -1.84%, Pune region -2.97% & Amaravati region -18.31% was showing decreasing trend whereas the remaining Region was growing at a pace of positive trend of Nashik region 1.61%, Aurangabad region 22.41%, Latur region 55.05% & Nagpur region 3.45% over the previous year.

In 2021-22 growth rate of Inland fish production was inclined by 25.77%. In this year Kokan region -34.39%, Nasik region -5.10%, Pune region -9.61% & Latur region -5.96 % was showing decreasing trend whereas the remaining Region was growing at a pace of positive trend of Aurangabad region 29.87%, Amaravati region 130.24% & Nagpur region 43.28% over the previous year.

9.2. REGION-WISE INLAND FISH PRODUCTION IN MAHARASHTRA

CHART : 9.2.1
REGION-WISE INLAND FISH PRODUCTION 2021-22 (In mt)



9.2.1 Inland fish production during the year 2021-22 was 156688 t worth 1915 crores which was increased by 25.77% over the previous year 2020-21 & incline by 16.59% compared to the year 2017-18. District-wise & region-wise Inland fish landings are given in (table No.16.) Maximum contribution from Nagpur region was (54331t) 34.67% to total Inland fish landings during the year 2021-22 Which was highest contributor in Inland fish production with a increase of 43.28% from the previous year 2020-21.

Amravati region formed around (31255) 19.95% of the total Inland fish catch which was Second highest contributor in Inland fish production with a increase of 130.24% over the previous year.

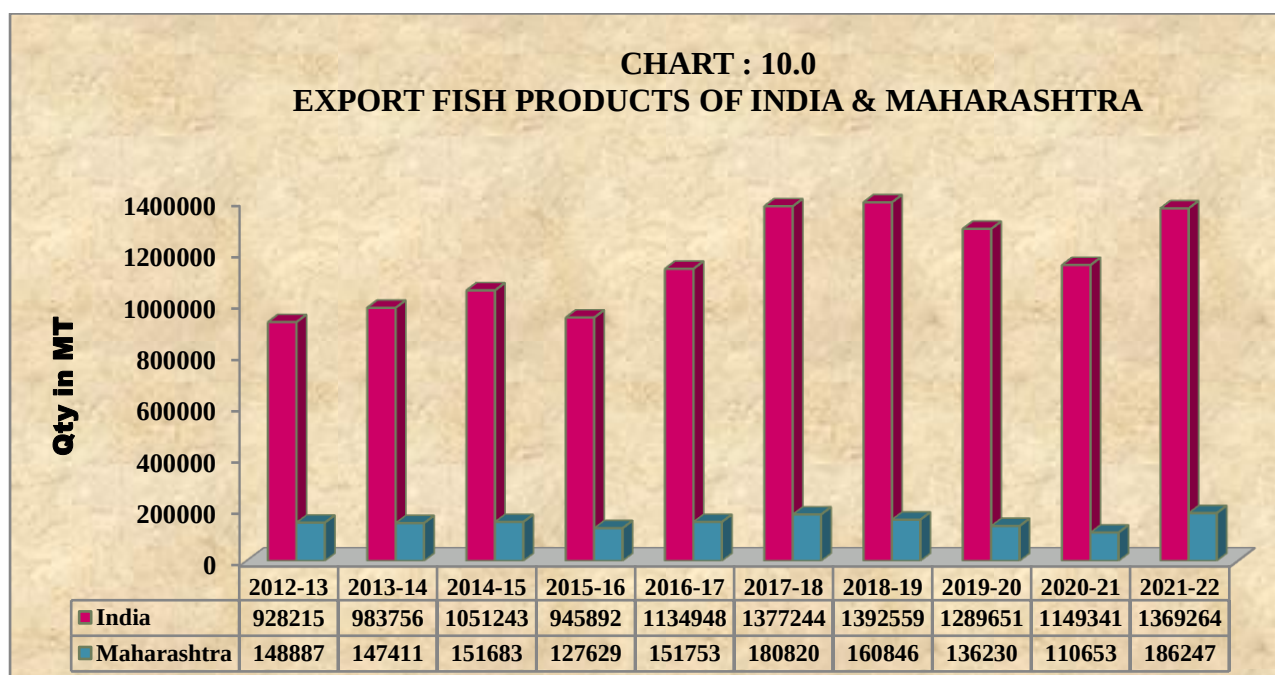
Latur region was contributed (17911t) 11.43% of the total catch of Inland fishing during the year 2021-22 & decrease of -5.96% compared to previous year. Contribution of Nashik region was (14434t) 9.21% to total fish catch was decreased from -5.10 % over the previous year. Total catch of Pune region during 2021-22 was (18435t) 11.77% & Aurangabad Region was produced (16619t) 10.61% of the total Inland fish landings of the state & decrease of -9.61% & increased 29.87% respectively compared to previous year 2020-21. With (3703t) of Kokan Region was contributed 2.36% to the total Inland fish catch showing and decrease of -34.39% over previous year. Compared to 2017-18 inland fish production of Pune, Aurangabad, Latur ,Amravati & Nagpur region was increased by 13.36%, 37.47%, 10.97% 65.48% & 16.32 % respectively while percentage of Kokan & Nashik region decrease by -42.68%, & -0.26% respectively.

In Nagpur Region Maximum contribution of Inland fish producing districts were Nagpur (22665t), Chandrapur (9990t) , Gondia (8033t), & whereas in Amravati region high producing districts were Akola (11074t), Buldhana (7482t) & Washim (7296t),. High contribution districts in Inland fishing of Latur region were Latur district (7504t) & Nanded district (6217t) whereas in Aurangabad region high producing district was Beed (5855t) & Parbhani (4193t). In Pune region, pune district was contributed of (7872t) & Satara (3480t) . In Nashik region landings of Inland fish was showing maximum contribution of Jalgaon (5375t), Nashik district (3910t) & Ahmednagar district was produced (2216t). Catch of Thane district was (2732t) & Raigad district was produced (801t) in Kokan region during the year 2021-22 in the State.

In total Inland fish production Nagpur (22665t) 14.46%, Akola (11074t) 7.07%, Chandrapur (9990t) 6.38%, Gondia (8033t) 5.13%, Pune (7872t) 5.02%, Latur (7504t) 4.79%, Buldhana (7482t) 4.78%, Washim (7296t) 4.66%, Nanded district was contributed (6217t) 3.97%, & contributed together 56.26 % in total Inland fish production during the year 2021-22.

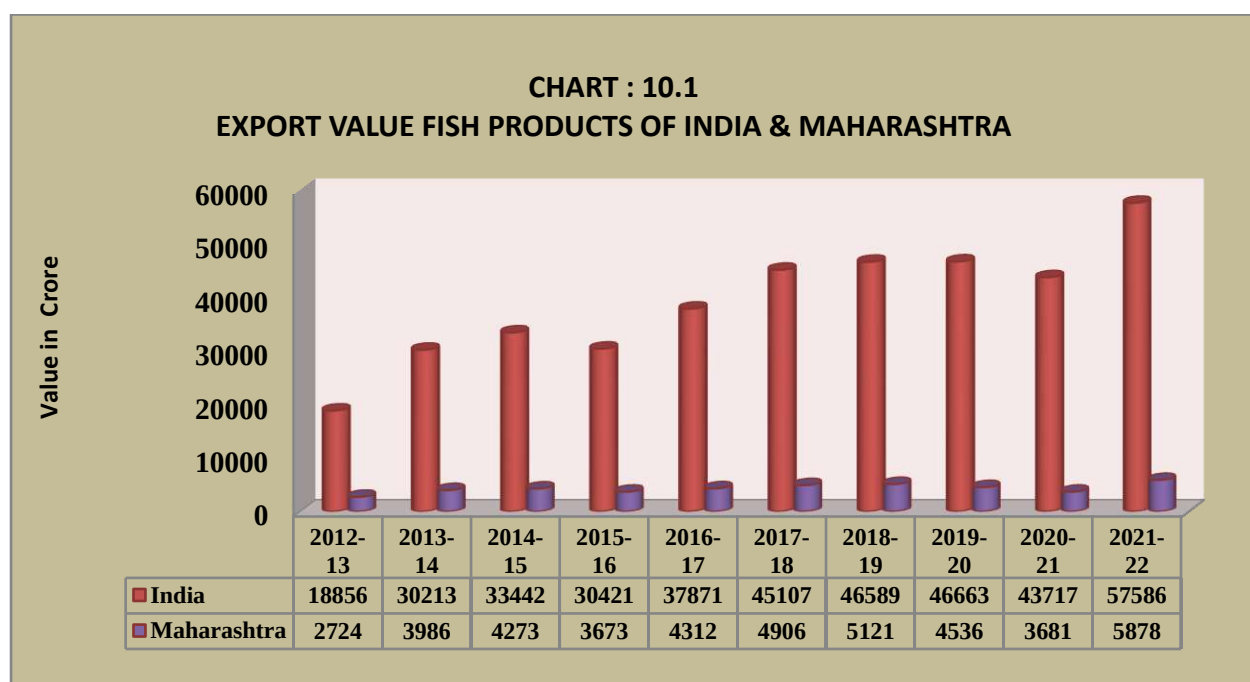
Nagpur region & Amravati region was remained as the top two Inland fish producing regions and contributed together 54.62% to the total Inland fish landings of the state with Nagpur region & Amravati Region holdings the first & second positions respectively.

10.0 EXPORTS OF MARINE FISH PRODUCTS OF INDIA & MAHARASHTRA IN LAST TEN YEARS



Source:-The Marine Products Export Development Authority, GOI, Cochin, Kerla.

10.1 EXPORT VALUE OF FISHERIES PRODUCTS OF INDIA & MAHARASHTRA



Source:-The Marine Products Export Development Authority, GOI, Cochin, Kerla.

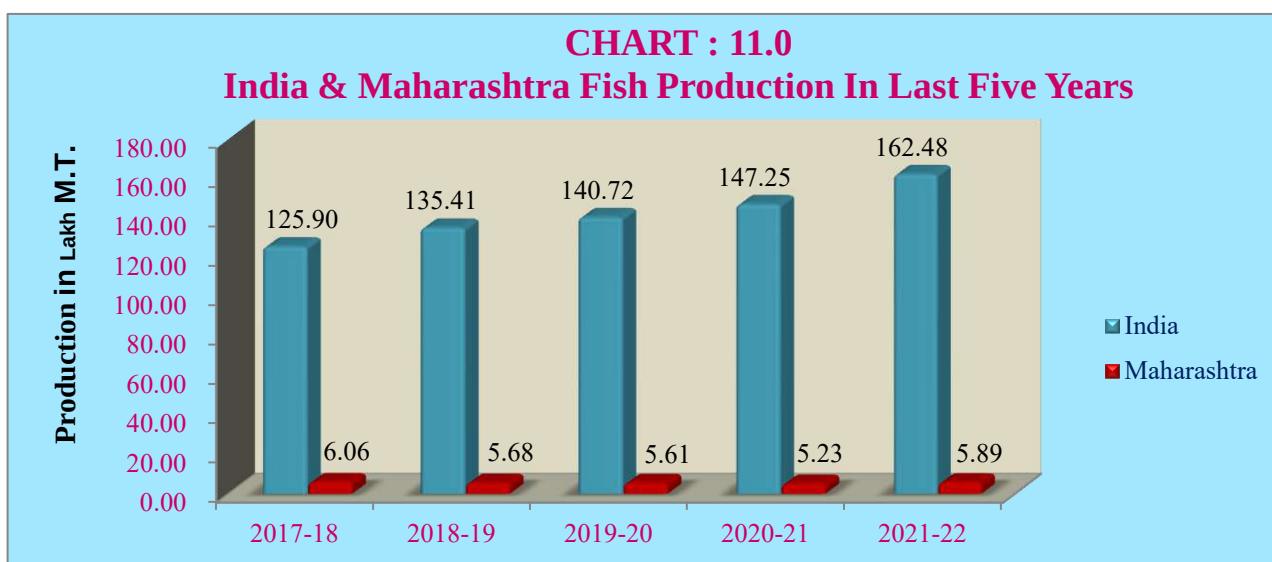
TABLE-13**GROWTH RATE OF EXPORT OF MARINE FISH PRODUCTS & VALUE**

Year	Quantity in tonnes	growth rate%	Value in lakh	growth rate %
2017-18	180820	19.15	490681	13.80
2018-19	160846	-11.04	512062	4.36
2019-20	136230	-15.30	453626	-11.41
2020-21	110653	-18.77	368122	-18.85
2021-22	186247	68.32	587837	59.68

10.1 Export of Marine fish products was estimated at 186247t during 2021-22 as compared to 110653t during 2020-21, marginally incline of 68.32% over the previous year. As well as the value of export was of 587837 during 2021-22 as compared to 368122 during 2020-21 inclined by 59.68% compared to previous year. Export of Marine fish products was estimated at 110653t during 2020-21 as compared to 136230t during 2019-20, depicting marginally decline of -18.77% over the previous year. In the case of value of export was of 368122 during 2020-21 as compared to 453626 during 2019-20 declined by -18.85% compared to previous year. Export of marine fish products in 2019-20 was estimated of 136230t, showing an decrease of -15.30% over the previous year. In the case of value of export in 2019-20 was 453626t, showing an decrease of -11.41% over the previous year. Export was 160846t, resulting the decline of -11.04% during 2018-19 whereas the value was 512062 resulting the incline of 4.36% during the 2018-19 over the previous year. In 2017-18 & 2021-22 the growth of export of marine fish products was marginally incline by 19.15% & 68.32 % respectively over the previous year, Whereas the value of export during the year 2017-18, 2018-19 & 2021-22 was likely to increase of 13.80%, 4.36% & 59.68 % respectively over the previous year.

10.2 Export of Marine fish products from Mumbai port Trust & Jawaharlal Nehru port Trust is given in (Table No 20). During 2021-22 totals export of Marine fish products about 186247t worth 5878 crores. Out of which Marine fish products has been exported from Mumbai port Trust 4201t Worth 235 crores & from Jawaharlal Nehru Port Trust 182046t worth 5644 crores. Total quantity of exports was increased by 68.32% & the value of exports was increased by 59.68% over the previous year. Marine products are generally exported from two major ports of Maharashtra i.e. Mumbai Port Trust & Jawaharlal Nehru Port Trust in the state. Maximum contribution of frozen Shrimp was (64069t) 34.40% worth 3256 crore, frozen fish was (56578t) 30.38% worth 901 crores & frozen Squids was contributed (11046t) of 5.93 % to total export worth 402 crores in the total exports of Marine fish product in the state during the year 2021-22. Generally Marine fish products like frozen fish, frozen shrimp, frozen Cuttlefish, frozen Squid, Dried items, Chilled items, Live items exported to foreign countries.

10.3 Export of, frozen shrimps 34.40%, frozen fish 30.38% and frozen Squids 5.93% to total export of Marine fish production constitutes the major portion of the total Marine products and contributed together 70.71% to total export of the state exported over the year. Out of total Marine fish production about 43.04% Marine products exported to foreign countries during the year. Out of which 0.97% of the total Marine products exported from Mumbai Port Trust & 42.07 % to the export from Jawaharlal Nehru Port Trust during the year 2021-22. Except 2017-18 & 2021-22 it may be observed that the quantity of export (Marine fish products) is showing a decreasing trend for the year 2018-19 , 2019-20 and 2020-21.



11.0 FISH PRODUCTION OF INDIA & MAHARASHTRA IN LAST FIVE YEARS

Total fish production (marine and inland) during 2021-22 was estimated at 162.48 lakh MT in India whereas Maharashtra state contributes 5.89 lakh tonnes in total fish production of the country. The estimated catch of India was at 125.90 lakh MT in 2017-18 whereas contribution of Maharashtra was 6.06 lakh MT in the total fish production in India.

Fish production of India was showing increasing trend from 2017-18 to 2021-22. In regards fish production in India from 125.90 lakh MT in 2017-18 to 162.48 lakh MT in 2021-22 which was increased by 29.05% compared to 2017-18 whereas in Maharashtra from 6.06 lakh MT in 2017-18 to 5.89 lakh MT in 2021-22 which was decreased by -2.81% compared to 2017-18.

12.0 CONCLUSION

In previous year growth in the fish production was unsatisfactory. The total fish production during 2021-22 was 589436 MT with contribution of 156688 MT from Inland sector & 432748 MT from Marine sector respectively. The overall growth in the fish production in 2021-22 has been increased by 12.68% which has been mainly due to growth in Marine as well as in Inland fish production by 8.59% & 25.77% respectively. Thus during the year 2021-22 production & valuation of Marine fish & Inland fish catch was increased in comparison with previous year 2020-21 in the state.

Major share of Marine fish production was contributed by Trawl nets during the year. Species-wise & Gear-wise estimation of Marine fish landings were made for the year 2021 - 22 using data collected from landings centres & fishing harbours belonging to 25 different fishing zones of the 7 maritime districts. About 432748 tonnes of fish were caught from Marine sector during 2021 - 22 out of which Sardine, Non-Penaeid Prawns, Harpadon Nehereus & Penaeid Prawns were some of the important species. Pomfrets, Penaeid Prawns, Seerfishes, Harpadon Nehereus & Non-Penaeid Prawns were the highest contributor in valuation of Marine fish production of the state during the year 2021-22. Mumbai city was the highest Marine fish producing district whereas in the case of Inland fish production, Nagpur region was the high producing region in the state during the year 2021-22.

Over the year fish catch by Mechanised Trawler boats of Mumbai city was high whereas fish catch by Non-Mechanised Bagnet boats of Thane was low of total Marine fish landings in the state.

Over the year highest number of trips by Mechanised Gillnet boats of Sindhudurg district was highest trips & by Non-Mechanised Gillnets boats of Mumbai city district was lowest trips of the total Marine catch in the state during the year 2021-22.

In total Marine fish landings, the highest share of prominent varieties was Penaeid Prawns, Harpodon Nehereus & Otolithoides spp. landed by Trawl nets during the year in the state during the year 2021-22.

The main objectives of Department of fisheries are to improve the economic and social conditions of fisherman. This year the Growth rate in Marine and Inland fish catch was increased but it is not satisfactory. At present it is seen that marine and inland fish production has decreased or stagnated year by year except this year. Overfishing, pollution, illegal fishing, plastic pollution and other environmental factors that were reducing the population of fisheries. For the increase of Marine as well as Inland fish production, public awareness must be created about not fishing with the help of LED lights, inform about government new schemes & fishing technique, storage and conservation of catfish in inland fishing etc.

Department of fisheries is trying to enhance inland fishing stocking or adding fish to a body of water to increased supplies of fish & to optimum fingerling stocking in the reservoir tanks, ponds etc. also trying to provide good quality of seed to the fish farmer/ societies. Department is trying to revised departmental scheme of financial assistant and to arrange development programme through transfer of technology for fisherman and training of fish seed, rearing, transportation culture of modern technique and marketing, also to increase fish production and to provide assistance of fisherman to development of fishery, trying to improve, quality, quantity & availability of brood stock.

**FISH PRODUCTION
REPORT 2021-22
PART – II
TABLES**

MARINE SECTOR

TABLE No. 1. 0**DISTRICT-WISE ESTIMATED MARINE FISH PRODUCTION OF MAHARASTHRA STATE**

		(InTonne)				
Sr.No.	District	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Thane	114399 (24.2)	99461 (21.29)	86225 (19.44)	67547 (16.95)	58392 (13.49)
2	Mumbai Suburban	66228 (13.9)	63575 (13.61)	76332 (17.20)	77048 (19.33)	61773 (14.27)
3	Mumbai City	140105 (29.5)	152557 (32.65)	154353 (34.80)	133212 (33.43)	160708 (37.14)
4	Raigad	53338 (11.2)	58847 (12.59)	41797 (9.42)	38019 (9.54)	40601 (9.38)
5	Ratnagiri	80340 (16.9)	73738 (15.78)	66173 (14.92)	65374 (16.41)	101228 (23.39)
6	Sindhudurg	20582 (4.3)	19054 (4.08)	18713 (4.22)	17311 (4.34)	10046 (2.32)
STATE TOTAL		474992 (100.0)	467232 (100.0)	443593 (100.0)	398511 (100.0)	432748 (100.0)

Note. — Figures in bracket shows the percentage share of district Production to State Production.

TABLE No. 1. 1**ZONE- WISE ESTIMATED MARINE FISH PRODUCTION OF THANE DISTRICT**

		(In Tonne)				
Sr.No.	Name Of Zone	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Dahanu	7371 (6.6)	6177 (6.2)	10690 (12.4)	5764 (8.5)	5000 (8.56)
2	Pophran Dandi	8758 (7.7)	7071 (7.1)	4741 (5.5)	4242 (6.3)	1511 (2.59)
3	Satpati	10639 (9.2)	8176 (8.2)	7209 (8.4)	6172 (9.1)	4030 (6.90)
4	Kelwa	8051 (7.0)	7750 (7.8)	5550 (6.4)	6230 (9.2)	2348 (4.02)
5	Bassein (Vasai)	51140 (44.7)	43671 (43.9)	34469 (40.0)	20812 (30.8)	12363 (21.17)
6	Uttan	28440 (24.8)	26616 (26.8)	23566 (27.3)	24327 (36.1)	33140 (56.75)
DISTRICT TOTAL		114399 (100.0)	99461 (100.0)	86225 (100.0)	67547 (100.0)	58392 (100.0)

Note. — Figures in bracket shows the percentage share of zone production to district Production.

TABLE No. 1.2 & 1. 3

ZONE-WISE ESTIMATED MARINE FISH PRODUCTION OF GR. MUMBAI DISTRICT.

		(In Tonne)				
Sr. No.	Name Of Zone	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
7	Manori	18758 (9.1)	20672 (9.6)	22430 (9.7)	25900 (12.3)	10178 (4.57)
8	Versova	47470 (23.0)	42903 (19.9)	53902 (23.4)	51148 (24.3)	51595 (23.19)
9	Mumbai	3691 (1.8)	4403 (2.0)	5137 (2.2)	6021 (2.9)	15136 (6.80)
10	Sasoon Dock	68487 (33.2)	58043 (26.9)	51913 (22.5)	52966 (25.2)	59023 (26.53)
10 (A)	Ferry Warff	67927 (32.9)	90111 (41.6)	97303 (42.2)	74225 (35.3)	86549 (38.90)
DISTRICT TOTAL		206333 (100.0)	216132 (100.0)	230685 (100.0)	210260 (100.0)	222481 (100.0)

Note. — Figures in bracket shows the percentage share of zone production to District production.

TABLE No. 1. 4

ZONE-WISE ESTIMATED MARINE FISH PRODUCTION OF RAIGAD DISTRICT.

		(In Tonne)				
Sr. No.	Name Of Zone	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
11	Mora	1061 (1.9)	1212 (2.0)	1278 (3.1)	1195 (3.2)	1081 (2.66)
12	Alibaug	25771 (48.4)	31081 (52.8)	19922 (47.7)	16311 (42.9)	15062 (37.10)
13	Revdanda	11431 (21.4)	17170 (29.2)	9509 (22.7)	8253 (21.7)	12053 (29.69)
14	Murud	4732 (8.8)	2423 (4.2)	2936 (7.0)	2433 (6.4)	3585 (8.83)
15	Shrivardhan	6546 (12.3)	3553 (6.0)	4278 (10.2)	5215 (13.7)	941 (2.32)
16	Jeevna	3797 (7.2)	3408 (5.8)	3874 (9.3)	4612 (12.1)	7879 (19.41)
DISTRICT TOTAL		53338 (100.0)	58847 (100.0)	41797 (100.0)	38019 (100.0)	40601 (100.0)

Note. — Figures in brackets shows the percentage share of zone production to District production.

TABLE No. 1. 5

ZONE-WISE ESTIMATED MARINE FISH PRODUCTION OF RATNAGIRI DISTRICT.

		(InTonne)				
Sr.No.	Name of Zone	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
17	Burondi	5574 (6.9)	5890 (8.0)	4339 (6.5)	8959 (13.7)	3261 (3.22)
18	Dabhol	15596 (19.4)	15666 (21.2)	21215 (32.1)	19664 (30.0)	15894 (15.70)
19	Mirkarwada	47010 (58.5)	44516 (60.4)	32841 (49.6)	30829 (47.2)	79073 (78.11)
20	Ratnagiri	12160 (15.2)	7666 (10.4)	7788 (11.8)	5922 (9.1)	3000 (2.96)
\DISTRICT TOTAL		80340	73738	66173	65374	101228
		(100.0)	(100.0)	(100.0)	(100.0)	(100.0)

Note.— Figures in bracket shows the percentage share of zone Production to District Production.

TABLE NO. 1. 6

ZONE-WISE ESTIMATED MARINE FISH PRODUCTION OF SINDHUDURG DISTRICT.

		(In Tonne)				
Sr. No.	Name of Zone	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
21	Anandwadi	8589 (41.8)	7778 (40.8)	7511 (40.1)	7034 (40.6)	4665 (46.44)
22	Deogad	386 (1.8)	486 (2.6)	505 (2.7)	485 (2.8)	625 (6.22)
23	Makarebag	5489 (26.6)	5271 (27.7)	5711 (30.6)	5532 (31.9)	1887 (18.78)
24	Malvan	1702 (8.3)	1840 (9.6)	1410 (7.5)	1632 (9.5)	1438 (14.31)
25	Vengurla	4416 (21.5)	3679 (19.3)	3576 (19.1)	2628 (15.2)	1431 (14.24)
DISTRICT TOTAL		20582	19054	18713	17311	10046
		(100.0)	(100.0)	(100.0)	(100.0)	(100.0)

Note:-Figures in bracket shows the percentage share of zone Production to District Production.

TABLE NO. 2. 0

ESTIMATED MARINE FISH PRODUCTION OF MECHANISED, NON - MECHANISED AND RAMPAN BOATS
IN THE MAHARASHTRA STATE.

(In Tonne)

Sr. No.	Type of Boats	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Mechanised	473385 (99.6)	465180 (99.5)	440792 (99.4)	397110 (99.6)	431362 (99.6)
2	Non Mechanised	1464 (0.3)	1978 (0.4)	2635 (0.5)	1094 (0.3)	1168 (0.3)
3	Rampan	143 (0.1)	74 (0.1)	166 (0.1)	307 (0.1)	218 (0.1)
STATE TOTAL		474992 (100.0)	467232 (100.0)	443593 (100.0)	398511 (100.0)	432748 (100.0)

Note: - Figures in bracket shows the percentage share of production by Boats to total production of the state.

TABLE No. 2. 1

ESTIMATED MARINE FISH PRODUCTION OF MECHANISED, NON MECHANISED AND RAMPAN BOATS
IN THANE DISTRICT.

(InTonne)

Sr. No	Type of Boats	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
१	Mechanised	114273 (99.8)	99369 (99.9)	86084 (99.8)	67442 (99.8)	58308 (99.9)
२	Non Mechanised	126 (0.2)	92 (0.1)	141 (0.2)	105 (0.2)	84 (0.1)
३	Rampan	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
DISTRICT TOTAL		114399 (100.0)	99461 (100.0)	86225 (100.0)	67547 (100.0)	58392 (100.0)

Note: Figures in bracket shows the percentage share of production by boats to total Production of the district.

TABLE No. 2. 2

ESTIMATED MARINE FISH PRODUCTION OF MECHANISED, NON- MECHANISED AND RAMPAN BOATS
IN MUMBAI (SUBURBAN) DISTRICT.

(InTonne)

Sr.No.	Type of Boats	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Mechanised	65309 (99.9)	66149 (99.9)	63423 (99.8)	77048 (100.0)	61711 (99.9)
2	Non Mechanised	25 (0.1)	79 (0.1)	152 (0.2)	0 (0.0)	62 (0.1)
3	Rampan	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
DISTRICT TOTAL		65334 (100.0)	66228 (100.0)	63575 (100.0)	77048 (100.0)	61773 (100.0)

Note: Figures in bracket shows the percentage share of production by boats to total Production of the district.

TABLE No. 2. 3

ESTIMATED MARINE FISH PRODUCTION OF MECHANISED, NON- MECHANISED AND RAMPAN BOATS
IN MUMBAI (CITY) DISTRICT.

(InTonne)

Sr.No.	Type of Boats	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Mechanised	139867 (99.9)	152274 (99.8)	154201 (99.9)	132612 (99.5)	160384 (99.8)
2	Non Mechanised	238 (0.1)	283 (0.2)	152 (0.1)	600 (0.5)	324 (0.2)
3	Rampan	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
DISTRICT TOTAL		140105 (100.0)	152557 (100.0)	154353 (100.0)	133212 (100.0)	160708 (100.0)

Note: Figures in bracket shows the percentage share of production by boats to total Production of the district.

TABLE NO 2. 4
ESTIMATED MARINE FISH PRODUCTION OF MECHANISED, NON- MECHANISED AND RAMPAN BOATS
IN RAIGAD DISTRICT.

(In Tonne)						
Sr. No.	Type of Boats	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Mechanised	52873 (99.1)	58035 (98.6)	40599 (97.1)	37848 (99.6)	40301 (99.3)
2	Non Mechanised	465 (0.9)	812 (1.4)	1198 (2.9)	171 (0.4)	300 (0.7)
3	Rampan	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
DISTRICT TOTAL		53338 (100.0)	58847 (100.0)	41797 (100.0)	38019 (100.0)	40601 (100.0)

Note: Figures in bracket shows the percentage share of production by boats to total Production of the district.

TABLE No. 2. 5
ESTIMATED MARINE FISH PRODUCTION OF MECHANISED, NON- MECHANISED AND RAMPAN BOATS
IN RATNAGIRI DISTRICT.

(In Tonne)						
Sr. No.	Type of Boats	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Mechanised	79891 (99.4)	73314 (99.4)	65240 (98.5)	65029 (99.5)	100914 (99.7)
2	Non Mechanised	404 (0.5)	401 (0.5)	927 (1.4)	113 (0.2)	96 (0.1)
3	Rampan	45 (0.1)	23 (0.1)	6 (0.1)	232 (0.3)	218 (0.2)
DISTRICT TOTAL		80340 (100.0)	73738 (100.0)	66173 (100.0)	65374 (100.0)	101228 (100.0)

Note: Figures in bracket shows the percentage share of production by boats to total Production of the district.

TABLE No. 2. 6
ESTIMATED MARINE FISH PRODUCTION OF MECHANISED, NON-MECHANISE & RAMPAN BOATS IN
SINDHUDURG DISTRICT.

(In Tonne)						
Sr. No.	Type of Boats	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Mechanised	20332 (98.7)	18765 (98.5)	18403 (98.3)	17130 (98.9)	9744 (97.0)
2	Non Mechanised	152 (0.9)	238 (1.2)	150 (0.8)	105 (0.6)	302 (3.0)
3	Rampan	98 (0.4)	51 (0.3)	160 (0.9)	76 (0.5)	0 (0.0)
DISTRICT TOTAL		20582 (100.0)	19054 (100.0)	18713 (100.0)	17311 (100.0)	10046 (100.0)

Note: Figures in bracket shows the percentage share of production by boats to total Production of the district.

TABLE No. 3. 0

VARIETY-WISE MARINE FISH PRODUCTION OF MAHARASHTRA STATE.

						(In Tonne)
Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	11381	8028	8122	5001	4594
2	Eels	2644	1826	2038	5293	1870
3	Catfishes	10397	10412	8846	10673	5502
4	Chirocentrus SPP.	5431	4048	4037	2771	1605
5	Sardine	18899	7926	10851	10860	9478
6	Hilsa Ilisha	1459	3938	3038	2157	2597
7	Anchovies	19354	22169	27087	31196	17658
8	Thrissoles	8942	7348	5289	4738	2919
9	Other Clupieds	641	233	398	777	289
10	Harpadon Nehereus	36228	34984	32507	26769	48255
11	Perches	518	3042	520	239	63
12	Redsnapper	526	287	200	596	189
13	Polynemidae	866	1241	3112	1726	1409
14	Sciaenids	3471	2915	5279	3830	2856
15	Otolithoides species	23017	25402	41038	33137	30913
16	Trichiuridae (Ribbonfishes)	27209	22674	27079	27294	15196
17	Caranx	6312	12524	11030	11780	3959
18	Pomfrets	18826	15013	18041	14032	17235
19	Black Pomfret	2091	1053	2302	3198	2566
20	Mackerels	50379	31980	21739	27764	79767
21	Seerfishes	12521	10825	10516	11201	10893
22	Tunnies	9562	8293	13744	10414	15426
23	Bregmaceros Mcclellandi	280	78	123	120	282
24	Soles	6406	8171	8581	6506	2505
25	Sphyræna Spp. (Barracuda)	2981	3852	4943	1755	1213
26	Leiognathus	1284	1597	3224	1909	801
27	Upeneus Spp.	24353	23845	11460	4486	6640
28	Penaeid Prawns	46211	46740	43266	45302	56351
29	Non-Penaeids Prawns	59275	63972	48983	33867	39844
30	Natantion Decapods (Lobsters)	835	789	1143	327	384
31	Lactarius	3308	3423	3566	2475	1482
32	Loligo duvauceli(Cephalopoda)	22128	27334	31896	25333	21230
33	Miscellaneous	37257	51270	29595	30985	26776
TOTAL		474992	467232	443593	398511	432748

TABLE No. 3. 1

VARIETY-WISE MARINE FISH PRODUCTION OF THANE DISTRICT.

		(In Tonne)				
Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	8906	5503	2712	2164	2323
2	Eels	1385	1010	730	2903	499
3	Catfishes	4309	3022	2538	1361	669
4	Chirocentrus SPP.	4509	2710	2168	1678	588
5	Sardine	2	16	12	56	19
6	Hilsa Ilisha	741	2229	1747	1319	588
7	Anchovies	5466	9408	9122	8913	5992
8	Thrissocles	6390	5733	3224	2337	1147
9	Other Clupieds	71	13	49	363	46
10	Harpadon Nehereus	25670	17120	15639	12016	9479
11	Perches	1	0	148	28	3
12	Redsnapper	2	0	19	266	71
13	Polynemidae	545	651	2246	660	201
14	Sciaenids	2125	1402	2304	1647	217
15	Otolithoides species	390	744	1176	399	392
16	Trichiuridae (Ribbonfishes)	3123	2310	1883	2475	1219
17	Caranx	89	0	15	43	1
18	Pomfrets	15808	11669	12723	8716	8884
19	Black Pomfret	507	84	248	678	868
20	Mackerels	1021	1531	1099	1616	683
21	Seerfishes	3926	4390	3312	2747	1676
22	Tunnies	36	1	186	350	39
23	Bregmaceros McClellandi	9	0	0	0	0
24	Soles	222	195	92	48	41
25	Sphyræna Spp. (Barracuda)	75	0	0	0	0
26	Leiognathus	0	208	536	228	61
27	Upeneus Spp.	426	522	258	32	124
28	Penaeid Prawns	7731	9601	5734	3645	4538
29	Non-Penaeids Prawns	18277	14033	12267	7937	16027
30	Natantion Decapods (Lobsters)	209	47	60	152	7
31	Lactarius	0	0	0	14	8
32	Loligo duvauceli(Cephalopoda)	430	1844	1476	527	479
33	Miscellaneous	1998	3465	2502	2229	1503
TOTAL		114399	99461	86225	67547	58392

TABLE No. 3. 2
VARIETY-WISE MARINE FISH PRODUCTION OF MUMBAI SUBURBAN DISTRICT.

(InTonne)

Sr. No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	363	368	2302	615	499
2	Eels	151	75	165	276	753
3	Catfishes	1008	536	661	436	924
4	Chirocentrus SPP.	27	42	106	71	124
5	Sardine	144	68	1252	1077	105
6	Hilsa Ilisha	14	97	24	17	1000
7	Anchovies	3511	4535	8286	12249	4328
8	Thrissoles	641	517	844	501	409
9	Other Clupieds	176	1	72	7	32
10	Harpadon Nehereus	5724	5265	6372	6819	14704
11	Perches	451	4	252	19	3
12	Redsnapper	55	0	7	5	5
13	Polynemidae	36	56	23	56	946
14	Sciaenids	364	276	815	526	1423
15	Otolithoides species	3344	2933	6587	8530	1615
16	Trichiuridae (Ribbonfishes)	5766	4718	8749	8420	2447
17	Caranx	90	141	284	11	340
18	Pomfrets	831	376	656	630	4955
19	Black Pomfret	216	86	129	95	160
20	Mackerels	409	494	267	269	801
21	Seerfishes	108	165	135	289	1230
22	Tunnies	70	134	77	74	456
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	544	1016	2183	2201	171
25	Sphyraena Spp. (Barracuda)	98	88	543	211	11
26	Leiognathus	46	0	16	16	35
27	Upeneus Spp.	7142	2511	1542	821	722
28	Penaeid Prawns	9876	6648	9789	11432	11733
29	Non-Penaeids Prawns	19133	27835	15980	13641	8667
30	Natantion Decapods (Lobsters)	268	28	796	15	35
31	Lactarius	59	92	116	178	5
32	Loligo duvauceli (Cephalopoda)	2886	1684	4158	4199	581
33	Miscellaneous	2677	2786	3144	3342	2554
TOTAL		66228	63575	76332	77048	61773

TABLE No. 3. 3
VARIETY-WISE MARINE FISH PRODUCTION OF MUMBAI CITY DISTRICT.
(InTonne)

Sr. No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	1327	1538	2419	1404	1302
2	Eels	732	491	940	911	442
3	Catfishes	3256	5330	4584	7338	3482
4	Chirocentrus SPP.	247	360	788	225	424
5	Sardine	1590	1336	1046	1466	1472
6	Hilsa Ilisha	173	1002	437	329	676
7	Anchovies	8154	6041	7158	6830	4388
8	Thrissoeles	939	972	550	825	624
9	Other Clupieds	18	142	1	0	2
10	Harpadon Nehereus	4169	8946	9394	6921	23186
11	Perches	58	48	54	81	3
12	Redsnapper	81	115	143	242	3
13	Polynemidae	219	324	760	542	33
14	Sciaenids	753	1052	2079	1555	1103
15	Otolithoides species	14122	16554	27603	18926	24364
16	Trichiuridae (Ribbonfishes)	8272	8612	8784	9669	5433
17	Caranx	4682	9044	10384	11410	3387
18	Pomfrets	634	1075	1450	1998	1134
19	Black Pomfret	755	391	730	1219	1068
20	Mackerels	17657	6083	7369	8999	20201
21	Seerfishes	3690	2107	3067	2718	4165
22	Tunnies	5403	3094	4428	4122	7941
23	Bregmaceros Mcclellandi	13	8	17	18	2
24	Soles	363	436	626	1003	346
25	Sphyræna Spp. (Barracuda)	2670	3186	3604	1228	994
26	Leiognathus	58	695	646	344	95
27	Upeneus Spp.	14810	18865	8553	2893	4890
28	Penaeid Prawns	17658	16091	16788	15825	22165
29	Non-Penaeids Prawns	2462	3443	3484	2932	6620
30	Natantion Decapods (Lobsters)	235	182	232	142	195
31	Lactarius	641	659	1248	998	399
32	Loligo duvauceli (Cephalopoda)	13503	14288	15887	9034	10225
33	Miscellaneous	10761	20047	9100	11065	9943
TOTAL		140105	152557	154353	133212	160708

TABLE No. 3. 4

VARIETY-WISE MARINE FISH PRODUCTION OF RAIGAD DISTRICT.

(In Tonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	426	228	233	623	270
2	Eels	74	21	6	0	2
3	Catfishes	567	734	470	321	154
4	Chirocentrus SPP.	279	552	107	438	209
5	Sardine	5324	3507	3603	2836	1165
6	Hilsa Ilisha	300	312	469	398	313
7	Anchovies	1503	1362	1069	2479	2008
8	Thrissocles	890	124	104	379	254
9	Other Clupieds	6	0	0	0	8
10	Harpadon Nehereus	312	3446	648	921	683
11	Perches	8	2	1	68	23
12	Redsnapper	257	78	3	9	0
13	Polynemidae	49	183	35	435	144
14	Sciaenids	216	81	41	25	9
15	Otolithoides species	1792	1661	1220	1653	1736
16	Trichiuridae (Ribbonfishes)	1332	3864	1965	1926	2661
17	Caranx	1253	608	79	14	199
18	Pomfrets	583	682	680	1351	1214
19	Black Pomfret	270	174	424	295	126
20	Mackerels	5137	3485	2885	1960	4918
21	Seerfishes	1814	1077	955	2793	1125
22	Tunnies	452	1558	1157	1545	960
23	Bregmaceros Mcclellandi	155	0	0	0	280
24	Soles	223	117	187	327	382
25	Sphyræna Spp. (Barracuda)	2	1	2	0	0
26	Leiognathus	2	5	575	82	179
27	Upeneus Spp.	53	44	85	12	252
28	Penaeid Prawns	6586	7898	3794	5018	6827
29	Non-Penaeids Prawns	18518	18092	17181	7629	8530
30	Natantion Decapods (Lobsters)	34	481	29	9	141
31	Lactarius	59	46	88	136	148
32	Loligo duvauceli(Cephalopoda)	206	493	1014	880	1162
33	Miscellaneous	4656	7931	2688	3457	4519
TOTAL		53338	58847	41797	38019	40601

TABLE No. 3. 5

VARIETY-WISE MARINE FISH PRODUCTION OF RATNAGIRI DISTRICT.

		(In Tonne)				
Sr. No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	224	287	362	129	152
2	Eels	55	93	70	0	33
3	Catfishes	550	245	164	851	137
4	Chirocentrus SPP.	237	327	763	217	198
5	Sardine	9069	943	2510	3111	5806
6	Hilsa Ilisha	161	297	241	20	9
7	Anchovies	705	820	1434	725	942
8	Thrissoles	38	2	567	696	480
9	Other Clupieds	234	0	261	407	116
10	Harpadon Nehereus	177	79	364	92	41
11	Perches	0	2988	65	43	31
12	Redsnapper	100	47	12	27	61
13	Polynemidae	17	25	48	33	82
14	Sciaenids	0	2	0	1	34
15	Otolithoides species	1902	1846	2821	1924	1863
16	Trichiuridae (Ribbonfishes)	7630	2492	4925	4314	3151
17	Caranx	6	2674	235	7	4
18	Pomfrets	653	619	1602	1032	872
19	Black Pomfret	242	220	574	420	240
20	Mackerels	22863	16752	6127	11126	50999
21	Seerfishes	1548	1591	1313	1501	1894
22	Tunnies	3563	3473	7836	4228	6020
23	Bregmaceros Mcclellandi	45	6	50	0	0
24	Soles	3508	4916	3697	1777	857
25	Sphyræna Spp. (Barracuda)	17	238	644	264	194
26	Leiognathus	724	189	921	508	144
27	Upeneus Spp.	1735	1778	1002	717	554
28	Penaeid Prawns	2993	5823	6465	8873	10565
29	Non-Penaeids Prawns	865	569	70	1706	0
30	Natantion Decapods (Lobsters)	81	24	21	5	4
31	Lactarius	1336	1304	1590	537	355
32	Loligo duvauceli(Cephalopoda)	4219	8068	8496	10171	8331
33	Miscellaneous	14843	15001	10923	9912	7059
TOTAL		80340	73738	66173	65374	101228

TABLE No. 3. 6

VARIETY-WISE MARINE FISH PRODUCTION OF SINDHUDURG DISTRICT.

(In Tonne)						
Sr. No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	135	104	94	66	49
2	Eels	247	136	127	1203	141
3	Catfishes	707	545	429	366	137
4	Chirocentrus SPP.	132	57	105	142	62
5	Sardine	2770	2056	2428	2314	912
6	Hilsa Ilisha	70	1	120	74	11
7	Anchovies	15	3	18	0	0
8	Thrissocles	44	0	0	0	5
9	Other Clupieds	136	77	15	0	85
10	Harpadon Nehereus	176	128	90	0	162
11	Perches	0	0	0	0	0
12	Redsnapper	31	47	16	47	49
13	Polynemidae	0	2	0	0	3
14	Sciaenids	13	102	40	76	70
15	Otolithoides species	1467	1664	1631	1705	942
16	Trichiuridae (Ribbonfishes)	1086	678	774	490	285
17	Caranx	192	57	33	295	27
18	Pomfrets	317	592	930	305	176
19	Black Pomfret	101	98	197	491	104
20	Mackerels	3292	3635	3992	3794	2165
21	Seerfishes	1435	1495	1734	1153	803
22	Tunnies	38	33	60	95	10
23	Bregmaceros Mcclellandi	58	64	56	102	0
24	Soles	1546	1491	1796	1150	708
25	Sphyræna Spp. (Barracuda)	119	339	150	52	14
26	Leiognathus	454	500	530	731	287
27	Upeneus Spp.	187	125	20	11	98
28	Penaeid Prawns	1367	679	696	509	523
29	Non-Penaeids Prawns	20	0	1	22	0
30	Natantion Decapods (Lobsters)	8	27	5	4	1
31	Lactarius	1213	1322	524	612	567
32	Loligo duvauceli(Cephalopoda)	884	956	865	522	451
33	Miscellaneous	2322	2041	1237	980	1199
TOTAL		20582	19054	18713	17311	10046

TABLE No. 3.1.1

VARIETY-WISE MARINE FISH PRODUCTION OF (I) DAHANU ZONE.

(In Tonne)						
Sr. No	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	53	36	79	33	25
2	Eels	15	0	18	2	0
3	Catfishes	155	64	74	76	50
4	Chirocentrus SPP.	1	6	0	0	0
5	Sardine	0	0	0	0	0
6	Hilsa Ilisha	116	270	202	38	23
7	Anchovies	257	254	275	793	216
8	Thrissocles	83	87	41	38	33
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	4242	2225	4487	3528	3975
11	Perches	0	0	17	0	1
12	Redsnapper	0	0	0	0	0
13	Polynemidae	252	332	1220	42	9
14	Sciaenids	269	227	1359	35	8
15	Otolithoides species	0	0	0	5	65
16	Trichiuridae (Ribbonfishes)	179	215	123	100	68
17	Caranx	0	0	0	0	1
18	Pomfrets	631	1253	1529	303	124
19	Black Pomfret	1	0	0	0	1
20	Mackerels	228	89	0	0	0
21	Seerfishes	150	535	622	117	42
22	Tunnies	1	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	1	0	0
24	Soles	0	0	0	0	0
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	197	156	159	148	115
29	Non-Penaeids Prawns	216	259	270	391	113
30	Natantion Decapods (Lobsters)	153	0	36	0	0
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli (Cephalopoda)	0	0	0	0	0
33	Miscellaneous	172	169	178	115	131
TOTAL		7371	6177	90690	5764	5000

TABLE No. 3.1.2

VARIETY-WISE MARINE FISH PRODUCTION OF OF (II) POPHARAN DANDI ZONE.

(In Tonne)

Sr. No	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	89	55	30	96	50
2	Eels	0	0	5	0	2
3	Catfishes	425	67	30	47	57
4	Chirocentrus SPP.	62	18	0	0	11
5	Sardine	0	0	0	0	0
6	Hilsa Ilisha	179	5	82	0	12
7	Anchovies	388	1013	221	809	211
8	Thrissocles	116	52	33	57	22
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	4353	4740	2448	2377	652
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	265	52	368	168	15
14	Sciaenids	239	31	335	138	9
15	Otolithoides species	0	6	0	0	0
16	Trichiuridae (Ribbonfishes)	231	21	41	20	29
17	Caranx	0	0	0	0	0
18	Pomfrets	677	215	522	135	201
19	Black Pomfret	0	0	0	0	1
20	Mackerels	16	0	0	0	20
21	Seerfishes	313	30	193	19	46
22	Tunnies	0	1	8	0	1
23	Bregmaceros McClellandi	9	0	0	0	0
24	Soles	0	0	0	0	0
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	898	327	104	167	61
29	Non-Penaeids Prawns	261	359	223	139	82
30	Natantion Decapods (Lobsters)	0	34	9	0	0
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli(Cephalopoda)	0	0	0	0	0
33	Miscellaneous	237	45	89	70	29
TOTAL		8758	7071	4741	4242	1511

TABLE No. 3.1.3

VARIETY-WISE MARINE FISH PRODUCTION OF (III) SATPATI ZONE.

(In Tonne)

Sr. No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	1710	1108	343	440	1326
2	Eels	128	115	163	0	340
3	Catfishes	261	372	326	470	71
4	Chirocentrus SPP.	52	217	189	240	84
5	Sardine	0	0	0	0	19
6	Hilsa Ilisha	138	4	0	206	20
7	Anchovies	461	613	1457	273	57
8	Thrissocles	1006	742	354	540	115
9	Other Clupieds	0	0	0	0	46
10	Harpadon Nehereus	916	1415	1286	768	77
11	Perches	1	0	0	0	0
12	Redsnapper	0	0	0	0	71
13	Polynemidae	0	0	50	51	9
14	Sciaenids	1582	0	11	274	33
15	Otolithoides species	86	18	14	28	85
16	Trichiuridae (Ribbonfishes)	66	82	152	46	4
17	Caranx	35	0	0	26	0
18	Pomfrets	2701	2009	1875	1536	694
19	Black Pomfret	6	130	0	52	467
20	Mackerels	79	323	294	151	31
21	Seerfishes	643	304	132	241	180
22	Tunnies	21	3	0	1	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	0	0	1	0
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	326	123	230	44	32
29	Non-Penaeids Prawns	373	443	267	292	28
30	Natantion Decapods (Lobsters)	0	0	0	0	7
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli(Cephalopoda)	4	3	1	3	0
33	Miscellaneous	44	152	65	489	234
TOTAL		10639	8176	7209	6172	4030

TABLE No. 3.1.4

VARIETY-WISE MARINE FISH PRODUCTION OF (IV) KELWA ZONE.

		(In Tonne)				
Sr. No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	0	83	82	0	7
2	Eels	0	0	0	0	0
3	Catfishes	13	196	202	54	30
4	Chirocentrus SPP.	0	0	0	0	1
5	Sardine	0	0	0	0	0
6	Hilsa Ilisha	0	0	0	0	3
7	Anchovies	921	1757	1456	1657	410
8	Thrissocles	2	0	0	5	10
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	4102	3402	2267	2218	727
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	0	0	0	3
14	Sciaenids	3	0	0	4	2
15	Otolithoides species	10	0	0	8	0
16	Trichiuridae (Ribbonfishes)	229	146	173	161	50
17	Caranx	0	0	0	0	0
18	Pomfrets	400	173	105	99	95
19	Black Pomfret	0	0	0	0	2
20	Mackerels	0	11	0	0	0
21	Seerfishes	0	11	0	0	7
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	0	0	0	0
25	Sphyræna Spp. (Barracuda)	2	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	715	211	249	633	221
29	Non-Penaeids Prawns	1568	1705	972	1288	744
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli(Cephalopoda)	16	1	0	0	0
33	Miscellaneous	70	54	44	103	36
TOTAL		8051	7750	5550	6230	2348

TABLE No. 3. 1.5

VARIETY-WISE MARINE FISH PRODUCTION OF (V) VASAI ZONE.

(In Tonne)						
Sr. No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	4299	2262	1128	478	356
2	Eels	478	127	0	2721	3
3	Catfishes	1726	1119	1175	173	145
4	Chirocentrus SPP.	2703	1217	1134	318	116
5	Sardine	0	16	0	56	0
6	Hilsa Ilisha	210	855	773	301	148
7	Anchovies	2621	3668	3165	2821	1024
8	Thrissoles	3359	2952	1530	653	307
9	Other Clupieds	26	13	26	363	0
10	Harpadon Nehereus	8526	3432	3038	1626	1212
11	Perches	0	0	49	28	0
12	Redsnapper	0	0	0	266	0
13	Polynemidae	28	0	208	14	8
14	Sciaenids	0	624	244	15	0
15	Otolithoides species	134	452	574	106	28
16	Trichiuridae (Ribbonfishes)	1768	1216	693	243	254
17	Caranx	0	0	0	17	0
18	Pomfrets	6815	5643	7025	3697	4265
19	Black Pomfret	233	30	134	157	142
20	Mackerels	0	0	0	745	124
21	Seerfishes	1698	1954	1241	542	348
22	Tunnies	0	0	0	206	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	153	137	2	6	12
25	Sphyraena Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	208	489	46	4
27	Upeneus Spp.	0	57	0	0	0
28	Penaeid Prawns	3745	6343	3140	1298	924
29	Non-Penaeids Prawns	11751	8305	6469	2922	2790
30	Natantion Decapods (Lobsters)	4	7	3	152	0
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli(Cephalopoda)	221	1386	1168	264	15
33	Miscellaneous	642	1648	1061	578	138
TOTAL		51140	43671	34469	20812	12363

TABLE No. 3. 1.6

VARIETY-WISE MARINE FISH PRODUCTION OF (VI) UTTAN ZONE.

		(In Tonne)				
Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	2755	1959	1050	1117	559
2	Eels	764	768	544	180	154
3	Catfishes	1729	1204	731	541	316
4	Chirocentrus SPP.	1691	1252	845	1120	376
5	Sardine	2	0	12	0	0
6	Hilsa Ilisha	98	1095	690	774	382
7	Anchovies	818	2103	2548	2560	4074
8	Thrissocles	1824	1900	1266	1044	660
9	Other Clupieds	45	0	23	0	0
10	Harpadon Nehereus	3531	1906	2113	1499	2836
11	Perches	0	0	82	0	2
12	Redsnapper	2	0	19	0	0
13	Polynemidae	0	267	400	385	157
14	Sciaenids	32	520	355	1181	165
15	Otolithoides species	160	268	588	252	214
16	Trichiuridae (Ribbonfishes)	650	630	701	1905	814
17	Caranx	54	0	15	0	0
18	Pomfrets	4584	2376	1667	2946	3505
19	Black Pomfret	267	54	114	469	255
20	Mackerels	698	1067	805	720	508
21	Seerfishes	1122	1464	1124	1828	1053
22	Tunnies	14	0	177	143	38
23	Bregmaceros McClellandi	0	0	0	0	0
24	Soles	69	58	90	41	29
25	Sphyræna Spp. (Barracuda)	73	0	0	0	0
26	Leiognathus	0	0	47	182	57
27	Upeneus Spp.	426	465	258	32	124
28	Penaeid Prawns	1850	2441	1852	1355	3185
29	Non-Penaeids Prawns	4108	2962	4066	2905	12270
30	Natantion Decapods (Lobsters)	52	6	12	0	0
31	Lactarius	0	0	0	14	8
32	Loligo duvauceli(Cephalopoda)	189	454	307	260	464
33	Miscellaneous	833	1397	1065	874	935
TOTAL		28440	26616	23566	24327	33140

TABLE No. 3. 2.1

VARIETY-WISE MARINE FISH PRODUCTION OF (VII) MANORI ZONE.

(In Tonne)

Sr. No	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	101	115	199	227	26
2	Eels	0	0	25	72	0
3	Catfishes	575	275	383	271	39
4	Chirocentrus SPP.	4	0	3	12	37
5	Sardine	46	1	6	0	38
6	Hilsa Ilisha	0	9	7	2	44
7	Anchovies	1205	876	2402	4961	508
8	Thrissocles	442	252	166	123	125
9	Other Clupieds	151	0	0	0	31
10	Harpadon Nehereus	1995	1107	2511	3672	501
11	Perches	404	1	5	1	0
12	Redsnapper	1	0	2	0	1
13	Polynemidae	3	3	1	28	1
14	Sciaenids	0	11	61	122	1
15	Otolithoides species	665	533	1402	2243	57
16	Trichiuridae (Ribbonfishes)	1583	697	1119	2442	179
17	Caranx	15	0	0	0	20
18	Pomfrets	600	208	253	169	65
19	Black Pomfret	108	0	0	0	0
20	Mackerels	12	0	5	0	27
21	Seerfishes	0	27	2	199	107
22	Tunnies	1	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	129	187	588	965	9
25	Sphyræna Spp. (Barracuda)	0	2	46	13	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	2	21	33	93
28	Penaeid Prawns	1971	1962	2577	2606	2398
29	Non-Penaeids Prawns	8074	13767	8913	5662	5388
30	Natantion Decapods (Lobsters)	238	10	3	7	15
31	Lactarius	13	24	0	0	0
32	Loligo duvauceli(Cephalopoda)	290	299	781	1068	130
33	Miscellaneous	132	304	949	1002	338
TOTAL		18758	20672	22430	25900	10178

TABLE No. 3. 2.2

VARIETY-WISE MARINE FISH PRODUCTION OF (VIII) VERSOVA ZONE.

(In Tonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	262	253	2103	388	473
2	Eels	151	75	140	204	753
3	Catfishes	433	261	278	165	885
4	Chirocentrus SPP.	23	42	103	59	87
5	Sardine	98	67	1246	1077	67
6	Hilsa Ilisha	14	88	17	15	956
7	Anchovies	2306	3659	5884	7288	3820
8	Thrissoles	199	265	678	378	284
9	Other Clupieds	25	1	72	7	1
10	Harpadon Nehereus	3729	4158	3861	3147	14203
11	Perches	47	3	247	18	3
12	Redsnapper	54	0	5	5	4
13	Polynemidae	33	53	22	28	945
14	Sciaenids	364	265	754	404	1422
15	Otolithoides species	2679	2400	5185	6287	1558
16	Trichiuridae (Ribbonfishes)	4183	4021	7630	5978	2268
17	Caranx	75	141	284	11	320
18	Pomfrets	231	168	403	461	4890
19	Black Pomfret	108	86	129	95	160
20	Mackerels	397	494	262	269	774
21	Seerfishes	108	138	133	90	1123
22	Tunnies	69	134	77	74	456
23	Bregmaceros McClellandi	0	0	0	0	0
24	Soles	415	829	1595	1236	162
25	Sphyraena Spp. (Barracuda)	98	86	497	198	11
26	Leiognathus	46	0	16	16	35
27	Upeneus Spp.	7142	2509	1521	788	629
28	Penaeid Prawns	7905	4686	7212	8826	9335
29	Non-Penaeids Prawns	11059	14068	7067	7979	3279
30	Natantion Decapods (Lobsters)	30	18	793	8	20
31	Lactarius	46	68	116	178	5
32	Loligo duvauceli(Cephalopoda)	2596	1385	3377	3131	451
33	Miscellaneous	2545	2482	2195	2340	2216
TOTAL		47470	42903	53902	51148	51595

TABLE No. 3. 3.1

VARIETY-WISE MARINE FISH PRODUCTION OF (IX) MUMBAI ZONE.

(In Tonne)						
Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	223	69	63	100	130
2	Eels	21	13	45	17	98
3	Catfishes	170	90	34	76	159
4	Chirocentrus SPP.	1	35	30	19	10
5	Sardine	499	346	729	1416	783
6	Hilsa Ilisha	67	418	46	74	102
7	Anchovies	204	193	136	171	929
8	Thrissocles	147	209	43	153	134
9	Other Clupieds	0	0	1	0	0
10	Harpadon Nehereus	82	81	171	171	720
11	Perches	6	6	0	0	1
12	Redsnapper	1	7	0	0	1
13	Polynemidae	11	25	18	59	13
14	Sciaenids	22	4	14	3	5
15	Otolithoides species	89	228	12	72	959
16	Trichiuridae (Ribbonfishes)	35	40	29	59	70
17	Caranx	6	0	0	4	31
18	Pomfrets	103	135	180	440	321
19	Black Pomfret	0	5	13	10	0
20	Mackerels	17	81	0	0	21
21	Seerfishes	36	99	66	121	25
22	Tunnies	4	1	2	10	14
23	Bregmaceros McClellandi	0	0	0	0	2
24	Soles	18	43	6	51	37
25	Sphyræna Spp. (Barracuda)	8	37	4	38	48
26	Leiognathus	2	0	4	14	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	211	473	600	190	4412
29	Non-Penaeids Prawns	1473	1328	2516	2037	4868
30	Natantion Decapods (Lobsters)	9	17	39	22	21
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli (Cephalopoda)	5	6	0	0	0
33	Miscellaneous	221	414	336	694	1222
TOTAL		3691	4403	5137	6021	15136

TABLE No. 3.3.2

VARIETY-WISE MARINE FISH PRODUCTION OF (X) SASOON DOCK ZONE.

						(In Tonne)
Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	415	595	711	502	455
2	Eels	110	86	85	140	99
3	Catfishes	2207	3995	2287	5926	2464
4	Chirocentrus SPP.	82	140	263	69	162
5	Sardine	168	264	181	6	99
6	Hilsa Ilisha	101	392	225	30	389
7	Anchovies	636	217	710	1446	293
8	Thrissoles	242	269	120	322	227
9	Other Clupieds	1	0	0	0	2
10	Harpadon Nehereus	981	1425	1447	1301	1059
11	Perches	25	9	10	37	0
12	Redsnapper	18	37	27	170	0
13	Polynemidae	69	80	129	92	15
14	Sciaenids	147	226	308	358	296
15	Otolithoides species	2257	1647	2602	1983	761
16	Trichiuridae (Ribbonfishes)	3536	2923	1738	3879	1651
17	Caranx	3978	7560	8946	9483	2414
18	Pomfrets	186	446	203	389	336
19	Black Pomfret	541	235	244	412	584
20	Mackerels	16170	4189	3787	6256	18784
21	Seerfishes	2843	1166	1730	1872	3529
22	Tunnies	4495	2193	4009	3656	7242
23	Bregmaceros McClellandi	7	5	15	16	0
24	Soles	94	104	127	341	37
25	Sphyraena Spp. (Barracuda)	2027	2039	1718	475	887
26	Leiognathus	45	537	594	322	25
27	Upeneus Spp.	8204	8756	4456	1009	2771
28	Penaeid Prawns	5093	3392	3636	4247	2876
29	Non-Penaeids Prawns	292	450	254	424	230
30	Natantion Decapods (Lobsters)	35	23	18	18	35
31	Lactarius	174	74	164	179	180
32	Loligo duvauceli(Cephalopoda)	7814	6085	7565	3747	6605
33	Miscellaneous	5494	8484	3604	3859	4515
TOTAL		68487	58043	51913	52966	59023

TABLE No. 3. 3.3

VARIETYWISE MARINE FISH PRODUCTION OF (X-A) FERRY WARFF ZONE.

(In Tonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019-20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	689	874	1645	802	717
2	Eels	601	392	810	754	245
3	Catfishes	879	1245	2263	1336	859
4	Chirocentrus SPP.	164	185	495	137	252
5	Sardine	923	726	136	44	590
6	Hilsa Ilisha	5	192	166	225	185
7	Anchovies	7314	5631	6313	5213	3166
8	Thrissocles	550	494	387	350	263
9	Other Clupieds	17	142	0	0	0
10	Harpadon Nehereus	3106	7440	7776	5449	21407
11	Perches	27	33	44	44	2
12	Redsnapper	62	71	116	72	2
13	Polynemidae	139	219	613	391	5
14	Sciaenids	584	822	1757	1194	802
15	Otolithoides species	11776	14679	24989	16871	22644
16	Trichiuridae (Ribbonfishes)	4701	5649	7017	5731	3712
17	Caranx	698	1484	1438	1923	942
18	Pomfrets	345	494	1067	1169	477
19	Black Pomfret	214	151	473	797	484
20	Mackerels	1470	1813	3582	2743	1396
21	Seerfishes	811	842	1271	725	611
22	Tunnies	904	900	417	456	685
23	Bregmaceros Mcclellandi	6	3	1	2	0
24	Soles	251	289	493	611	272
25	Sphyræna Spp. (Barracuda)	635	1110	1882	715	59
26	Leiognathus	11	158	48	8	70
27	Upeneus Spp.	6606	10109	4097	1884	2119
28	Penaeid Prawns	12354	12226	12552	11388	14877
29	Non-Penaeids Prawns	697	1665	714	471	1522
30	Natantion Decapods (Lobsters)	191	142	175	102	139
31	Lactarius	467	585	1084	819	219
32	Loligo duvauceli(Cephalopoda)	5684	8197	8322	5287	3620
33	Miscellaneous	5046	11149	5160	6512	4206
TOTAL		67927	90111	97303	74225	86549

TABLE No. 3. 4.1

VARIETY-WISE MARINE FISH PRODUCTION OF (XI) MORA KARANJA ZONE.

(In Tonne)

Sr.No	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	7	4	9	14	30
2	Eels	17	2	0	0	0
3	Catfishes	118	59	112	61	29
4	Chirocentrus SPP.	0	0	0	0	0
5	Sardine	24	20	73	40	37
6	Hilsa Ilisha	2	2	1	5	7
7	Anchovies	54	38	58	70	54
8	Thrissoles	38	18	11	30	32
9	Other Clupieds	5	0	0	0	8
10	Harpadon Nehereus	8	41	150	44	81
11	Perches	2	1	0	0	1
12	Redsnapper	1	2	1	0	0
13	Polynemidae	2	0	0	3	0
14	Sciaenids	66	12	5	11	7
15	Otolithoides species	95	51	19	34	21
16	Trichiuridae (Ribbonfishes)	15	24	40	38	27
17	Caranx	0	0	0	0	0
18	Pomfrets	30	5	8	4	18
19	Black Pomfret	0	0	0	0	1
20	Mackerels	0	0	0	0	3
21	Seerfishes	0	0	0	0	2
22	Tunnies	22	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	1	0	0	0	0
25	Sphyraena Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	1	0	3
27	Upeneus Spp.	0	0	0	4	0
28	Penaeid Prawns	113	170	242	202	228
29	Non-Penaeids Prawns	38	492	444	292	246
30	Natantion Decapods (Lobsters)	6	0	6	9	2
31	Lactarius	0	0	0	1	0
32	Loligo duvauceli(Cephalopoda)	12	6	20	79	4
33	Miscellaneous	385	265	78	254	238
TOTAL		1061	1212	1278	1195	1081

TABLE No. 3. 4.2

VARIETY-WISE MARINE FISH PRODUCTION OF (XII) ALIBAUG ZONE.

(In Tonne)

Sr.No	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	187	103	112	272	116
2	Eels	15	2	0	0	1
3	Catfishes	142	604	192	0	30
4	Chirocentrus SPP.	18	146	28	99	121
5	Sardine	592	914	153	145	124
6	Hilsa Ilisha	14	52	59	67	200
7	Anchovies	640	752	587	1569	807
8	Thrissoles	677	22	3	2	1
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	143	3289	330	589	93
11	Perches	0	0	0	56	20
12	Redsnapper	206	70	1	0	0
13	Polynemidae	21	124	13	337	101
14	Sciaenids	130	63	31	0	0
15	Otolithoides species	409	729	388	393	664
16	Trichiuridae (Ribbonfishes)	906	2942	1592	1346	1788
17	Caranx	1170	285	42	0	60
18	Pomfrets	185	271	282	365	617
19	Black Pomfret	68	116	169	83	55
20	Mackerels	3135	761	1699	882	961
21	Seerfishes	445	150	160	1329	252
22	Tunnies	214	147	817	808	437
23	Bregmaceros Mcclellandi	150	0	0	0	280
24	Soles	87	48	34	128	83
25	Sphyraena Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	5	85	2	32
27	Upeneus Spp.	5	5	0	0	227
28	Penaeid Prawns	1264	2307	1082	2288	1755
29	Non-Penaeids Prawns	12598	15210	9703	3323	3675
30	Natantion Decapods (Lobsters)	5	7	4	0	1
31	Lactarius	1	5	36	73	120
32	Loligo duvauceli (Cephalopoda)	137	225	798	478	358
33	Miscellaneous	2207	1727	1522	1677	2083
TOTAL		25771	31081	19922	16311	15062

TABLE No. 3. 4. 3

VARIETY-WISE MARINE FISH PRODUCTION OF (XIII) REVADANDA ZONE.

(In Tonne)						
Sr.No	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	29	16	7	217	50
2	Eels	39	17	2	0	0
3	Catfishes	189	9	76	238	25
4	Chirocentrus SPP.	44	349	29	159	46
5	Sardine	590	1104	168	70	247
6	Hilsa Ilisha	224	152	115	118	54
7	Anchovies	294	141	125	253	161
8	Thrissocles	17	4	6	27	30
9	Other Clupieds	1	0	0	0	0
10	Harpadon Nehereus	108	42	128	127	430
11	Perches	6	1	0	12	0
12	Redsnapper	38	2	1	0	0
13	Polynemidae	23	41	13	58	32
14	Sciaenids	12	3	0	10	2
15	Otolithoides species	47	21	43	151	101
16	Trichiuridae (Ribbonfishes)	116	694	55	132	649
17	Caranx	8	0	0	0	13
18	Pomfrets	44	163	44	345	335
19	Black Pomfret	170	19	228	34	21
20	Mackerels	508	1947	811	380	1850
21	Seerfishes	479	435	465	624	677
22	Tunnies	99	1372	296	517	463
23	Bregmaceros Mcclellandi	5	0	0	0	0
24	Soles	66	0	0	20	37
25	Sphyræna Spp. (Barracuda)	0	1	0	0	0
26	Leiognathus	2	0	488	77	144
27	Upeneus Spp.	9	3	2	0	0
28	Penaeid Prawns	2685	3061	1258	471	875
29	Non-Penaeids Prawns	4165	1725	4804	3482	3625
30	Natantion Decapods (Lobsters)	8	467	1	0	34
31	Lactarius	33	12	26	1	14
32	Loligo duvauceli (Cephalopoda)	37	203	57	112	782
33	Miscellaneous	1336	5166	261	618	1356
TOTAL		11431	17170	9509	8253	12053

TABLE No. 3. 4.4

VARIETY-WISE MARINE FISH PRODUCTION OF (XIV) MURUD ZONE.

(In Tonne)						
Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	85	59	7	14	37
2	Eels	0	0	0	0	0
3	Catfishes	28	12	52	0	26
4	Chirocentrus SPP.	103	7	19	1	2
5	Sardine	1445	436	350	278	17
6	Hilsa Ilisha	3	9	67	21	11
7	Anchovies	232	230	84	194	668
8	Thrissocles	21	43	58	115	62
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	3	51	20	63	53
11	Perches	0	0	0	0	0
12	Redsnapper	4	4	0	0	0
13	Polynemidae	0	5	0	0	6
14	Sciaenids	8	0	0	0	0
15	Otolithoides species	258	149	107	143	239
16	Trichiuridae (Ribbonfishes)	92	40	28	43	60
17	Caranx	0	0	3	0	32
18	Pomfrets	155	46	152	232	97
19	Black Pomfret	0	0	1	28	8
20	Mackerels	176	89	31	118	9
21	Seerfishes	424	45	106	136	8
22	Tunnies	0	0	0	103	1
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	0	0	18	110
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	124	632	218	546	876
29	Non-Penaeids Prawns	1331	426	1448	175	953
30	Natantion Decapods (Lobsters)	14	0	10	0	99
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli(Cephalopoda)	1	0	0	0	6
33	Miscellaneous	225	140	175	205	205
TOTAL		4732	2423	2936	2433	3585

TABLE No. 3. 4.5

VARIETY-WISE MARINE FISH PRODUCTION OF (XV) SHRIVARDHAN ZONE.

		(InTonne)				
Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	38	0	7	53	11
2	Eels	2	0	4	0	1
3	Catfishes	10	7	9	0	22
4	Chirocentrus SPP.	103	23	15	156	5
5	Sardine	1940	578	1797	1716	249
6	Hilsa Ilisha	39	3	178	124	7
7	Anchovies	196	73	37	237	39
8	Thrissocles	92	12	17	158	40
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	38	9	12	20	15
11	Perches	0	0	1	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	3	8	30	5
14	Sciaenids	0	3	5	2	0
15	Otolithoides species	514	204	52	262	67
16	Trichiuridae (Ribbonfishes)	88	43	83	122	22
17	Caranx	4	11	4	0	7
18	Pomfrets	116	156	153	226	54
19	Black Pomfret	0	6	0	19	0
20	Mackerels	576	255	212	485	128
21	Seerfishes	184	385	187	551	37
22	Tunnies	15	12	9	82	3
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	2	0	10	3	8
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	1947	1214	387	492	105
29	Non-Penaeids Prawns	386	239	765	343	26
30	Natantion Decapods (Lobsters)	1	7	7	0	0
31	Lactarius	1	2	0	0	0
32	Loligo duvauceli(Cephalopoda)	0	24	0	0	0
33	Miscellaneous	254	284	319	134	90
TOTAL		6546	3553	4278	5215	941

TABLE No. 3. 4.6

VARIETY-WISE MARINE FISH PRODUCTION OF (XVI) JEEVNA ZONE.

(InTonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	80	46	91	53	26
2	Eels	1	0	0	0	0
3	Catfishes	80	43	29	22	22
4	Chirocentrus SPP.	11	27	16	23	35
5	Sardine	733	455	1062	587	490
6	Hilsa Ilisha	18	94	49	63	34
7	Anchovies	87	128	178	156	279
8	Thrissoles	45	25	9	47	88
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	12	14	8	78	11
11	Perches	0	0	0	0	2
12	Redsnapper	8	0	0	9	0
13	Polynemidae	3	10	1	7	0
14	Sciaenids	0	0	0	2	0
15	Otolithoides species	469	507	611	670	644
16	Trichiuridae (Ribbonfishes)	115	121	167	245	115
17	Caranx	71	312	30	14	87
18	Pomfrets	53	41	41	179	93
19	Black Pomfret	32	33	26	131	41
20	Mackerels	742	433	132	95	1967
21	Seerfishes	282	62	37	153	149
22	Tunnies	102	27	35	35	56
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	67	69	143	158	144
25	Sphyræna Spp. (Barracuda)	2	0	2	0	0
26	Leiognathus	0	0	1	3	0
27	Upeneus Spp.	39	36	83	8	25
28	Penaeid Prawns	453	514	607	1019	2988
29	Non-Penaeids Prawns	0	0	17	14	5
30	Natantion Decapods (Lobsters)	0	0	1	0	5
31	Lactarius	24	27	26	61	14
32	Loligo duvauceli(Cephalopoda)	19	35	139	211	12
33	Miscellaneous	249	349	333	569	547
TOTAL		3797	3408	3874	4612	7879

TABLE No. 3. 5.1.

VARIETY-WISE MARINE FISH PRODUCTION OF (XVII) BURUNDI ZONE.

(InTonne)						
Sr.No	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	20	25	72	26	78
2	Eels	4	0	0	0	10
3	Catfishes	126	88	42	1	71
4	Chirocentrus SPP.	26	8	66	8	28
5	Sardine	744	200	9	189	37
6	Hilsa Ilisha	81	56	184	18	0
7	Anchovies	139	372	284	157	417
8	Thrissoeles	34	0	106	152	4
9	Other Clupieds	11	0	1	0	43
10	Harpadon Nehereus	0	0	75	5	5
11	Perches	0	0	60	0	31
12	Redsnapper	16	4	0	16	49
13	Polynemidae	0	0	11	17	82
14	Sciaenids	0	2	0	1	0
15	Otolithoides species	268	636	419	541	485
16	Trichiuridae (Ribbonfishes)	313	270	130	47	258
17	Caranx	0	23	0	0	0
18	Pomfrets	154	308	323	166	95
19	Black Pomfret	22	0	37	120	65
20	Mackerels	445	920	166	424	344
21	Seerfishes	95	121	66	97	87
22	Tunnies	256	233	27	196	0
23	Bregmaceros Mcclellandi	0	6	0	0	0
24	Soles	153	292	97	454	88
25	Sphyræna Spp. (Barracuda)	0	71	94	17	0
26	Leiognathus	98	0	34	13	2
27	Upeneus Spp.	33	64	8	94	26
28	Penaeid Prawns	592	900	874	1795	696
29	Non-Penaeids Prawns	812	430	28	1706	0
30	Natantion Decapods (Lobsters)	13	7	0	5	1
31	Lactarius	87	222	248	98	79
32	Loligo duvauceli(Cephalopoda)	203	242	290	1101	19
33	Miscellaneous	829	390	578	1495	161
TOTAL		5574	5890	4329	8959	3261

TABLE No. 3. 5.2

VARIETY-WISE MARINE FISH PRODUCTION OF (XVIII) DABHOL ZONE.

(In Tonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	185	256	249	103	41
2	Eels	42	84	69	0	23
3	Catfishes	312	140	109	57	62
4	Chirocentrus SPP.	200	274	649	29	37
5	Sardine	119	20	81	182	0
6	Hilsa Ilisha	71	235	55	1	5
7	Anchovies	535	426	1135	484	511
8	Thrissocles	0	2	460	517	102
9	Other Clupieds	54	0	230	0	23
10	Harpadon Nehereus	0	12	280	43	36
11	Perches	0	0	5	0	0
12	Redsnapper	67	30	4	9	4
13	Polynemidae	13	23	35	16	0
14	Sciaenids	0	0	0	0	34
15	Otolithoides species	951	894	1733	508	765
16	Trichiuridae (Ribbonfishes)	1738	1116	2363	2169	899
17	Caranx	6	97	80	0	4
18	Pomfrets	175	262	908	327	255
19	Black Pomfret	173	148	332	69	52
20	Mackerels	1225	1169	813	510	683
21	Seerfishes	1026	730	564	225	213
22	Tunnies	779	425	235	75	15
23	Bregmaceros Mcclellandi	24	0	50	0	0
24	Soles	495	980	1354	678	209
25	Sphyraena Spp. (Barracuda)	2	73	110	5	0
26	Leiognathus	75	156	230	28	6
27	Upeneus Spp.	703	1428	857	277	360
28	Penaeid Prawns	891	1606	2423	3457	6344
29	Non-Penaeids Prawns	52	131	42	0	0
30	Natantion Decapods (Lobsters)	32	17	15	0	2
31	Lactarius	867	909	714	177	230
32	Loligo duvauceli(Cephalopoda)	1398	1805	1776	4998	3203
33	Miscellaneous	3386	2218	3255	4720	1776
TOTAL		15596	15666	21215	19664	15894

TABLE No. 3. 5.3

VARIETY-WISE MARINE FISH PRODUCTION OF (XIX) MIRKARWADA ZONE.

(In Tonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	14	5	28	0	25
2	Eels	5	0	0	0	0
3	Catfishes	2	6	5	727	2
4	Chirocentrus SPP.	1	15	46	180	129
5	Sardine	7646	715	2417	2601	5767
6	Hilsa Ilisha	0	1	0	0	3
7	Anchovies	0	22	15	84	0
8	Thrissocles	0	0	0	27	0
9	Other Clupieds	15	0	30	313	10
10	Harpadon Nehereus	76	54	9	44	0
11	Perches	0	2988	0	43	0
12	Redsnapper	0	3	0	0	7
13	Polynemidae	4	2	2	0	0
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	440	179	263	564	526
16	Trichiuridae (Ribbonfishes)	4278	1066	2326	1859	1766
17	Caranx	0	2554	155	7	0
18	Pomfrets	191	33	86	305	521
19	Black Pomfret	33	72	55	144	113
20	Mackerels	20771	14532	4814	9851	49657
21	Seerfishes	414	505	617	1115	1550
22	Tunnies	2525	2814	7562	3957	6005
23	Bregmaceros Mcclellandi	21	0	0	0	0
24	Soles	1870	2379	1593	527	460
25	Sphyræna Spp. (Barracuda)	0	80	436	242	190
26	Leiognathus	484	28	653	467	134
27	Upeneus Spp.	196	243	23	152	144
28	Penaeid Prawns	777	1865	1506	2417	3128
29	Non-Penaeids Prawns	1	8	0	0	0
30	Natantion Decapods (Lobsters)	21	0	4	0	0
31	Lactarius	179	88	84	217	18
32	Loligo duvauceli(Cephalopoda)	1836	5093	6174	2141	4859
33	Miscellaneous	5210	9166	3938	2845	4059
TOTAL		47010	44516	32841	30829	79073

TABLE No. 3. 5.4

VARIETY-WISE MARINE FISH PRODUCTION OF (XX) RATNAGIRI ZONE.

(In Tonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	5	1	13	0	8
2	Eels	4	9	1	0	0
3	Catfishes	110	11	8	66	2
4	Chirocentrus SPP.	10	30	2	0	4
5	Sardine	560	8	3	139	2
6	Hilsa Ilisha	9	5	2	1	1
7	Anchovies	31	0	0	0	14
8	Thrissocles	4	0	1	0	374
9	Other Clupieds	154	0	0	94	40
10	Harpadon Nehereus	101	13	0	0	0
11	Perches	0	0	0	0	0
12	Redsnapper	17	10	8	2	1
13	Polynemidae	0	0	0	0	0
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	243	137	406	311	88
16	Trichiuridae (Ribbonfishes)	1301	40	106	239	228
17	Caranx	0	0	0	0	0
18	Pomfrets	133	16	285	234	1
19	Black Pomfret	14	0	150	87	10
20	Mackerels	422	131	334	341	315
21	Seerfishes	13	235	66	64	44
22	Tunnies	3	1	12	0	0
23	Bregmaceros McClellandi	0	0	0	0	0
24	Soles	990	1265	653	118	100
25	Sphyræna Spp. (Barracuda)	15	14	4	0	4
26	Leiognathus	67	5	4	0	2
27	Upeneus Spp.	803	43	114	194	24
28	Penaeid Prawns	733	1452	1662	1204	397
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	15	0	2	0	1
31	Lactarius	203	85	544	45	28
32	Loligo duvauceli(Cephalopoda)	782	928	256	1931	250
33	Miscellaneous	5418	3227	3152	852	1062
TOTAL		12160	7666	7788	5922	3000

TABLE No. 3. 6.1

VARIETY-WISE MARINE FISH PRODUCTION OF (XXI) ANANDWADI ZONE.

(In Tonne)						
Sr. No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	46	51	61	39	31
2	Eels	53	65	59	67	35
3	Catfishes	63	89	26	151	33
4	Chirocentrus SPP.	41	22	70	110	12
5	Sardine	375	451	720	754	242
6	Hilsa Ilisha	3	0	1	0	0
7	Anchovies	0	0	0	0	0
8	Thrissocles	3	0	0	0	0
9	Other Clupieds	96	57	6	0	64
10	Harpadon Nehereus	142	123	6	0	156
11	Perches	0	0	0	0	0
12	Redsnapper	17	29	5	24	37
13	Polynemidae	0	2	0	0	1
14	Sciaenids	11	22	14	64	0
15	Otolithoides species	529	493	311	300	359
16	Trichiuridae (Ribbonfishes)	960	663	590	414	263
17	Caranx	2	13	11	94	0
18	Pomfrets	49	206	321	179	80
19	Black Pomfret	54	94	37	299	73
20	Mackerels	242	675	1160	1661	235
21	Seerfishes	525	659	830	556	372
22	Tunnies	19	17	58	0	8
23	Bregmaceros Mcclellandi	58	55	56	86	0
24	Soles	1396	997	1072	643	660
25	Sphyræna Spp. (Barracuda)	101	65	32	47	10
26	Leiognathus	144	329	224	247	211
27	Upeneus Spp.	187	100	16	7	98
28	Penaeid Prawns	1294	440	460	342	391
29	Non-Penaeids Prawns	20	0	1	0	0
30	Natantion Decapods (Lobsters)	8	2	3	4	0
31	Lactarius	193	144	137	157	132
32	Loligo duvauceli(Cephalopoda)	832	883	677	435	407
33	Miscellaneous	1126	1032	547	354	755
TOTAL		8589	7778	7511	7034	4665

TABLE No. 3. 6.2

VARIETY-WISE MARINE FISH PRODUCTION OF (XXII) DEOGAD ZONE.

(In Tonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	4	0	0	5	0
2	Eels	0	0	0	6	0
3	Catfishes	8	5	25	12	8
4	Chirocentrus SPP.	7	10	0	0	23
5	Sardine	47	128	99	111	115
6	Hilsa Ilisha	2	1	2	0	0
7	Anchovies	3	0	0	0	0
8	Thrissoles	0	0	0	0	5
9	Other Clupieds	40	20	9	0	21
10	Harpadon Nehereus	1	5	0	0	6
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	0	0	0	0
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	51	49	25	37	82
16	Trichiuridae (Ribbonfishes)	3	3	0	13	21
17	Caranx	2	1	1	5	0
18	Pomfrets	2	6	4	0	8
19	Black Pomfret	0	0	0	0	7
20	Mackerels	80	117	249	228	107
21	Seerfishes	19	12	11	0	15
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	3	1	0	4
25	Sphyrna Spp. (Barracuda)	8	18	15	4	3
26	Leiognathus	3	15	30	16	20
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	5	6	0	10	10
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	1	0	0	1
31	Lactarius	18	33	19	8	64
32	Loligo duvauceli(Cephalopoda)	5	2	0	1	2
33	Miscellaneous	78	51	15	29	103
TOTAL		386	486	505	485	625

TABLE No. 3. 6.3

VARIETY-WISE MARINE FISH PRODUCTION OF (XXIII) MAKAREBAG ZONE.

(In Tonne)						
Sr.No	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	60	53	31	17	18
2	Eels	154	57	67	1047	20
3	Catfishes	330	197	82	24	65
4	Chirocentrus SPP.	58	25	35	30	22
5	Sardine	780	451	532	468	205
6	Hilsa Ilisha	61	0	0	74	6
7	Anchovies	12	3	0	0	0
8	Thrissoles	41	0	0	0	0
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	33	0	68	0	0
11	Perches	0	0	0	0	0
12	Redsnapper	14	18	11	23	4
13	Polynemidae	0	0	0	0	0
14	Sciaenids	0	65	17	12	55
15	Otolithoides species	259	457	593	645	175
16	Trichiuridae (Ribbonfishes)	123	12	184	63	1
17	Caranx	141	25	12	190	9
18	Pomfrets	181	340	467	77	80
19	Black Pomfret	47	4	144	192	17
20	Mackerels	1113	1060	1103	631	574
21	Seerfishes	831	660	795	561	199
22	Tunnies	19	0	0	95	0
23	Bregmaceros Mcclellandi	0	9	0	16	0
24	Soles	143	488	668	505	44
25	Sphyræna Spp. (Barracuda)	1	101	37	1	1
26	Leiognathus	236	61	114	369	11
27	Upeneus Spp.	0	5	2	2	0
28	Penaeid Prawns	58	232	213	141	118
29	Non-Penaeids Prawns	0	0	0	22	0
30	Natantion Decapods (Lobsters)	0	24	0	0	0
31	Lactarius	237	343	92	26	121
32	Loligo duvauceli(Cephalopoda)	47	71	185	86	39
33	Miscellaneous	510	510	259	215	103
TOTAL		5489	5271	5711	5532	1887

TABLE No. 3. 6.4

VARIETY-WISE MARINE FISH PRODUCTION OF (XXIV) MALVAN ZONE.

						(In Tonne)
Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	0	0	2	0	0
2	Eels	0	0	1	0	0
3	Catfishes	17	21	40	23	16
4	Chirocentrus SPP.	0	0	0	2	0
5	Sardine	580	539	365	615	208
6	Hilsa Ilisha	1	0	0	0	0
7	Anchovies	0	0	0	0	0
8	Thrissocles	0	0	0	0	0
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	0	5	0	0
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	0	0	0	0
14	Sciaenids	2	12	9	0	13
15	Otolithoides species	156	88	149	307	150
16	Trichiuridae (Ribbonfishes)	0	0	0	0	0
17	Caranx	29	1	9	6	0
18	Pomfrets	0	0	3	1	4
19	Black Pomfret	0	0	16	0	3
20	Mackerels	639	827	528	479	678
21	Seerfishes	7	40	20	2	56
22	Tunnies	0	0	2	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	3	11	2	0
25	Sphyræna Spp. (Barracuda)	2	0	0	0	0
26	Leiognathus	55	95	102	99	45
27	Upeneus Spp.	0	0	2	2	0
28	Penaeid Prawns	5	1	6	2	4
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	2	0	0
31	Lactarius	129	116	35	11	153
32	Loligo duvauceli(Cephalopoda)	0	0	3	0	0
33	Miscellaneous	80	97	100	81	108
TOTAL		1702	1840	1410	1632	1438

TABLE No. 3. 6.5

VARIETY-WISE MARINE FISH PRODUCTION OF (XXV) VENGURLA ZONE.

(In Tonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	25	0	0	5	0
2	Eels	40	14	0	83	86
3	Catfishes	289	233	256	156	15
4	Chirocentrus SPP.	26	0	0	0	5
5	Sardine	988	487	712	366	142
6	Hilsa Ilisha	3	0	117	0	5
7	Anchovies	0	0	18	0	0
8	Thrissoles	0	0	0	0	0
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	0	11	0	0
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	8
13	Polynemidae	0	0	0	0	2
14	Sciaenids	0	3	0	0	2
15	Otolithoides species	472	577	553	416	176
16	Trichiuridae (Ribbonfishes)	0	0	0	0	0
17	Caranx	18	17	0	0	18
18	Pomfrets	85	40	135	48	4
19	Black Pomfret	0	0	0	0	4
20	Mackerels	1218	956	952	795	571
21	Seerfishes	53	124	78	34	161
22	Tunnies	0	16	0	0	2
23	Bregmaceros McClellandi	0	0	0	0	0
24	Soles	7	0	44	0	0
25	Sphyræna Spp. (Barracuda)	7	155	66	0	0
26	Leiognathus	16	0	60	0	0
27	Upeneus Spp.	0	20	0	0	0
28	Penaeid Prawns	5	0	17	14	0
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	636	686	241	410	97
32	Loligo duvauceli(Cephalopoda)	0	0	0	0	3
33	Miscellaneous	528	350	316	301	130
TOTAL		4416	3678	3576	2628	1431

TABLE No. 4.0

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF MAHARASHATRA 2021-22
(In Tonne)

Sr.No	Variety	Q.I	Q.II	Q.III	Q.IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	697	1548	1540	809	4594
2	Eels	446	249	875	300	1870
3	Catfishes	459	563	2786	1694	5502
4	Chirocentrus SPP.	184	260	881	280	1605
5	Sardine	1657	1094	5970	757	9478
6	Hilsa Ilisha	254	318	1248	777	2597
7	Anchovies	2195	2723	9165	3575	17658
8	Thrissocles	531	570	1444	374	2919
9	Other Clupieds	103	37	96	53	289
10	Harpadon Nehereus	3267	14364	24832	5792	48255
11	Perches	4	3	51	5	63
12	Redsnapper	105	22	59	3	189
13	Polynemidae	48	68	945	348	1409
14	Sciaenids	134	171	1785	766	2856
15	Otolithoides species	3614	12892	8647	5759	30913
16	Trichiuridae (Ribbonfishes)	4625	2484	5411	2676	15196
17	Caranx	1366	132	1814	647	3959
18	Pomfrets	1946	6542	5652	3095	17235
19	Black Pomfret	157	1091	945	373	2566
20	Mackerels	12350	9321	48218	9878	79767
21	Seerfishes	1766	1190	5906	2031	10893
22	Tunnies	1232	687	11306	2201	15426
23	Bregmaceros Mcclellandi	0	0	282	0	282
24	Soles	1021	540	731	213	2505
25	Sphyræna Spp. (Barracuda)	386	47	653	127	1213
26	Leiognathus	239	212	180	170	801
27	Upeneus Spp.	3250	191	2651	548	6640
28	Penaeid Prawns	5841	14972	22516	13022	56351
29	Non-Penaeids Prawns	9063	2423	19704	8654	39844
30	Natantion Decapods (Lobsters)	27	25	171	161	384
31	Lactarius	295	161	738	288	1482
32	Loligo duvauceli(Cephalopoda)	5530	7905	5337	2458	21230
33	Miscellaneous	6689	4951	10742	4394	26776
TOTAL		69481	87756	203281	72230	432748

TABLE No. 4.1**VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF THANE DISTRICT 2021-22****(In Tonne)**

Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	474	1272	331	246	2323
2	Eels	361	87	51	0	499
3	Catfishes	142	248	146	133	669
4	Chirocentrus SPP.	50	110	298	130	588
5	Sardine	5	14	0	0	19
6	Hilsa Ilisha	172	170	119	127	588
7	Anchovies	946	781	3278	987	5992
8	Thrissocles	280	317	356	194	1147
9	Other Clupieds	24	22	0	0	46
10	Harpadon Nehereus	1956	3117	3666	740	9479
11	Perches	0	0	0	3	3
12	Redsnapper	71	0	0	0	71
13	Polynemidae	33	23	84	61	201
14	Sciaenids	36	108	71	2	217
15	Otolithoides species	73	102	164	53	392
16	Trichiuridae (Ribbonfishes)	224	230	470	295	1219
17	Caranx	0	1	0	0	1
18	Pomfrets	1145	5180	1076	1483	8884
19	Black Pomfret	6	610	137	115	868
20	Mackerels	237	87	161	198	683
21	Seerfishes	169	497	772	238	1676
22	Tunnies	20	0	6	13	39
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	13	0	0	28	41
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	5	0	30	26	61
27	Upeneus Spp.	124	0	0	0	124
28	Penaeid Prawns	878	631	2000	1029	4538
29	Non-Penaeids Prawns	1949	681	11169	2228	16027
30	Natantion Decapods (Lobsters)	7	0	0	0	7
31	Lactarius	0	0	1	7	8
32	Loligo duvauceli(Cephalopoda)	210	20	77	172	479
33	Miscellaneous	310	648	384	161	1503
TOTAL		9920	14956	24847	8669	58392

TABLE No. 4.2

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF MUMBAI SUBURBAN 2021-22
(In Tonne)

Sr No.	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	26	4	334	135	499
2	Eels	15	59	520	159	753
3	Catfishes	32	48	684	160	924
4	Chirocentrus SPP.	19	0	83	22	124
5	Sardine	0	36	67	2	105
6	Hilsa Ilisha	1	35	519	445	1000
7	Anchovies	253	303	3077	695	4328
8	Thrissocles	84	28	249	48	409
9	Other Clupieds	1	1	28	2	32
10	Harpadon Nehereus	144	1343	11933	1284	14704
11	Perches	3	0	0	0	3
12	Redsnapper	0	1	4	0	5
13	Polynemidae	2	1	663	280	946
14	Sciaenids	19	1	1039	364	1423
15	Otolithoides species	497	9	792	317	1615
16	Trichiuridae (Ribbonfishes)	773	77	1309	288	2447
17	Caranx	13	1	306	20	340
18	Pomfrets	40	223	3268	1424	4955
19	Black Pomfret	11	0	46	103	160
20	Mackerels	27	64	502	208	801
21	Seerfishes	6	107	691	426	1230
22	Tunnies	2	43	381	30	456
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	63	0	108	0	171
25	Sphyræna Spp. (Barracuda)	11	0	0	0	11
26	Leiognathus	0	0	35	0	35
27	Upeneus Spp.	541	30	137	14	722
28	Penaeid Prawns	765	688	6596	3684	11733
29	Non-Penaeids Prawns	2157	298	4790	1422	8667
30	Natantion Decapods (Lobsters)	3	1	27	4	35
31	Lactarius	5	0	0	0	5
32	Loligo duvauceli(Cephalopoda)	179	15	381	6	581
33	Miscellaneous	497	188	1502	367	2554
TOTAL		6189	3604	40071	11909	61773

TABLE No. 4.3

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF MUMBAI CITY 2021-22

(In Tonne)

Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	133	202	615	352	1302
2	Eels	25	97	268	52	442
3	Catfishes	160	183	1766	1373	3482
4	Chirocentrus SPP.	26	79	236	83	424
5	Sardine	242	371	416	443	1472
6	Hilsa Ilisha	37	69	417	153	676
7	Anchovies	526	395	1796	1671	4388
8	Thrissoles	72	126	324	102	624
9	Other Clupieds	0	0	2	0	2
10	Harpadon Nehereus	1011	9301	9123	3751	23186
11	Perches	1	0	0	2	3
12	Redsnapper	2	1	0	0	3
13	Polynemidae	7	9	14	3	33
14	Sciaenids	30	35	638	400	1103
15	Otolithoides species	1830	12056	5560	4918	24364
16	Trichiuridae (Ribbonfishes)	970	1772	1245	1446	5433
17	Caranx	1220	125	1462	580	3387
18	Pomfrets	49	658	354	73	1134
19	Black Pomfret	33	308	592	135	1068
20	Mackerels	1650	271	16762	1518	20201
21	Seerfishes	93	206	3158	708	4165
22	Tunnies	240	596	5959	1146	7941
23	Bregmaceros Mcclellandi	0	0	2	0	2
24	Soles	74	63	201	8	346
25	Sphyrana Spp. (Barracuda)	201	45	624	124	994
26	Leiognathus	95	0	0	0	95
27	Upeneus Spp.	2192	161	2042	495	4890
28	Penaeid Prawns	1098	7321	6799	6947	22165
29	Non-Penaeids Prawns	1090	618	2326	2586	6620
30	Natantion Decapods (Lobsters)	15	23	104	53	195
31	Lactarius	23	40	279	57	399
32	Loligo duvauceli(Cephalopoda)	1219	4209	3025	1772	10225
33	Miscellaneous	1079	1119	5622	2123	9943
TOTAL		15443	40459	71731	33075	160708

TABLE NO. 4.4

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF RAIGAD DISTRICT 2021-22

(In Tonne)

Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	31	38	142	59	270
2	Eels	0	1	1	0	2
3	Catfishes	34	37	66	17	154
4	Chirocentrus SPP.	0	12	165	32	209
5	Sardine	326	280	342	217	1165
6	Hilsa Ilisha	41	41	180	51	313
7	Anchovies	152	1123	556	177	2008
8	Thrissocles	56	95	78	25	254
9	Other Clupieds	4	4	0	0	8
10	Harpadon Nehereus	0	588	79	16	683
11	Perches	0	3	20	0	23
12	Redsnapper	0	0	0	0	0
13	Polynemidae	5	35	100	4	144
14	Sciaenids	3	3	3	0	9
15	Otolithoides species	370	241	943	182	1736
16	Trichiuridae (Ribbonfishes)	511	252	1753	145	2661
17	Caranx	124	5	46	24	199
18	Pomfrets	109	412	640	53	1214
19	Black Pomfret	49	58	15	4	126
20	Mackerals	1268	290	2430	930	4918
21	Seerfishes	210	63	554	298	1125
22	Tunnies	10	0	574	376	960
23	Bregmaceros Macelendi	0	0	280	0	280
24	Soles	78	57	223	24	382
25	Sphyræna Spp. (Baracudas)	0	0	0	0	0
26	Leiognathus	0	3	37	139	179
27	Upeneus Spp.	26	0	222	4	252
28	Penaeid Prawns	606	2051	3494	676	6827
29	Non-Penaeids Prawns	3867	826	1419	2418	8530
30	Natantion Decapods (Lobsters)	2	0	39	100	141
31	Lactarius	11	0	130	7	148
32	Loligo duvaucelli(Cephalopoda)	702	68	255	137	1162
33	Miscellaneous	894	514	2050	1061	4519
TOTAL		9489	7100	16836	7176	40601

TABLE No. 4.5

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF RATNAGIRI DISTRICT 2021-22

(In Tonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	12	6	116	18	152
2	Eels	0	5	25	3	33
3	Catfishes	12	2	118	5	137
4	Chirocentrus SPP.	71	20	96	11	198
5	Sardine	575	208	4995	28	5806
6	Hilsa Ilisha	3	3	3	0	9
7	Anchovies	318	121	458	45	942
8	Thrissoles	39	4	436	1	480
9	Other Clupieds	0	0	65	51	116
10	Harpadon Nehereus	0	15	26	0	41
11	Perches	0	0	31	0	31
12	Redsnapper	2	6	53	0	61
13	Polynemidae	0	0	82	0	82
14	Sciaenids	0	0	34	0	34
15	Otolithoides species	410	313	1019	122	1864
16	Trichiuridae (Ribbonfishes)	1977	42	633	499	3151
17	Caranx	0	0	0	4	4
18	Pomfrets	525	0	297	50	872
19	Black Pomfret	16	83	139	2	240
20	Mackerels	8661	8047	27889	6402	50999
21	Seerfishes	1002	80	623	189	1894
22	Tunnies	952	48	4386	634	6020
23	Bregmaceros McClellandi	0	0	0	0	0
24	Soles	91	420	198	148	857
25	Sphyraena Spp. (Barracuda)	164	1	28	1	194
26	Leiognathus	60	5	76	3	144
27	Upeneus Spp.	269	0	250	35	554
28	Penaeid Prawns	2024	4254	3622	665	10565
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	1	3	4
31	Lactarius	39	50	203	63	355
32	Loligo duvauceli(Cephalopoda)	2978	3390	1597	366	8331
33	Miscellaneous	3391	2020	1089	558	7058
TOTAL		23591	19143	48588	9906	101228

TABLE No. 4.6

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF SINDHUDURG DISTRICT 2021-22

(In Tonne)						Total
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	
1	2	3	4	5	6	7
1	Elasmobranchs	21	26	2	0	49
2	Eels	45	0	10	86	141
3	Catfishes	79	45	6	7	137
4	Chirocentrus SPP.	18	39	3	2	62
5	Sardine	509	185	150	68	912
6	Hilsa Ilisha	0	0	10	1	11
7	Anchovies	0	0	0	0	0
8	Thrissoles	0	0	1	4	5
9	Other Clupieds	74	10	1	0	85
10	Harpadon Nehereus	156	0	5	1	162
11	Perches	0	0	0	0	0
12	Redsnapper	30	14	2	3	49
13	Polynemidae	1	0	2	0	3
14	Sciaenids	46	24	0	0	70
15	Otolithoides species	434	172	169	167	942
16	Trichiuridae (Ribbonfishes)	170	111	1	3	285
17	Caranx	9	0	0	18	27
18	Pomfrets	78	69	17	12	176
19	Black Pomfret	42	32	16	14	104
20	Mackerels	507	562	474	622	2165
21	Seerfishes	286	237	108	172	803
22	Tunnies	8	0	0	2	10
23	Bregmaceros McClellandi	0	0	0	0	0
24	Soles	702	0	1	5	708
25	Sphyraena Spp. (Barracuda)	10	1	1	2	14
26	Leiognathus	79	204	2	2	287
27	Upeneus Spp.	98	0	0	0	98
28	Penaeid Prawns	470	27	5	21	523
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	1	0	0	1
31	Lactarius	217	71	125	154	567
32	Loligo duvauceli(Cephalopoda)	242	203	2	4	451
33	Miscellaneous	518	461	95	125	1199
TOTAL		4849	2494	1208	1495	10046

TABLE No. 4. 1.1

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (I) DAHANU ZONE 2021-22

(In Tonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	2	14	9	0	25
2	Eels	0	0	0	0	0
3	Catfishes	19	11	20	0	50
4	Chirocentrus SPP.	0	0	0	0	0
5	Sardine	0	0	0	0	0
6	Hilsa Ilisha	23	0	0	0	23
7	Anchovies	46	41	128	1	216
8	Thrissocles	10	6	16	1	33
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	499	1851	1622	3	3975
11	Perches	0	0	0	1	1
12	Redsnapper	0	0	0	0	0
13	Polynemidae	4	4	0	1	9
14	Sciaenids	0	7	1	0	8
15	Otolithoides species	0	22	43	0	65
16	Trichiuridae (Ribbonfishes)	36	12	20	0	68
17	Caranx	0	1	0	0	1
18	Pomfrets	70	23	27	4	124
19	Black Pomfret	0	1	0	0	1
20	Mackerels	0	0	0	0	0
21	Seerfishes	42	0	0	0	42
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	0	0	0	0
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	24	43	46	2	115
29	Non-Penaeids Prawns	63	11	39	0	113
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli(Cephalopoda)	0	0	0	0	0
33	Miscellaneous	17	20	94	0	131
TOTAL		855	2067	2065	13	5000

TABLE No. 4. 1.2
VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (II) POPHARANDANDI ZONE 2021-22

		(In Tonne)				
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	6	12	29	3	50
2	Eels	0	2	0	0	2
3	Catfishes	19	14	21	3	57
4	Chirocentrus SPP.	0	0	9	2	11
5	Sardine	0	0	0	0	0
6	Hilsa Ilisha	9	0	3	0	12
7	Anchovies	30	58	123	0	211
8	Thrissoles	4	5	10	3	22
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	240	179	233	0	652
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	3	3	9	0	15
14	Sciaenids	0	1	8	0	9
15	Otolithoides species	0	0	0	0	0
16	Trichiuridae (Ribbonfishes)	15	3	9	2	29
17	Caranx	0	0	0	0	0
18	Pomfrets	77	63	60	1	201
19	Black Pomfret	0	0	0	1	1
20	Mackerels	0	0	16	4	20
21	Seerfishes	39	7	0	0	46
22	Tunnies	1	0	0	0	1
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	0	0	0	0
25	Sphyraena Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	10	16	35	0	61
29	Non-Penaeids Prawns	30	31	21	0	82
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli(Cephalopoda)	0	0	0	0	0
33	Miscellaneous	9	8	12	0	29
TOTAL		492	402	598	19	1511

TABLE No. 4. 1.3

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (III) SATPATI ZONE 2021-22

(In Tonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	144	1070	103	9	1326
2	Eels	299	41	0	0	340
3	Catfishes	0	12	56	3	71
4	Chirocentrus SPP.	33	38	13	0	84
5	Sardine	5	14	0	0	19
6	Hilsa Ilisha	0	6	14	0	20
7	Anchovies	9	48	0	0	57
8	Thrissoles	0	16	89	10	115
9	Other Clupieds	24	22	0	0	46
10	Harpadon Nehereus	6	56	15	0	77
11	Perches	0	0	0	0	0
12	Redsnapper	71	0	0	0	71
13	Polynemidae	0	0	9	0	9
14	Sciaenids	8	5	20	0	33
15	Otolithoides species	8	58	19	0	85
16	Trichiuridae (Ribbonfishes)	0	4	0	0	4
17	Caranx	0	0	0	0	0
18	Pomfrets	44	552	98	0	694
19	Black Pomfret	6	461	0	0	467
20	Mackerels	2	14	15	0	31
21	Seerfishes	19	123	35	3	180
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	0	0	0	0
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	2	30	0	0	32
29	Non-Penaeids Prawns	3	25	0	0	28
30	Natantion Decapods (Lobsters)	7	0	0	0	7
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli(Cephalopoda)	0	0	0	0	0
33	Miscellaneous	168	55	11	0	234
TOTAL		858	2650	497	25	4030

TABLE No. 4. 1.4

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (IV) KELWA ZONE 2021-22

(In Tonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	0	7	0	0	7
2	Eels	0	0	0	0	0
3	Catfishes	24	6	0	0	30
4	Chirocentrus SPP.	0	1	0	0	1
5	Sardine	0	0	0	0	0
6	Hilsa Ilisha	0	3	0	0	3
7	Anchovies	163	94	133	20	410
8	Thrissoles	0	10	0	0	10
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	433	178	109	7	727
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	3	0	0	3
14	Sciaenids	0	2	0	0	2
15	Otolithoides species	0	0	0	0	0
16	Trichiuridae (Ribbonfishes)	11	22	10	7	50
17	Caranx	0	0	0	0	0
18	Pomfrets	15	75	4	1	95
19	Black Pomfret	0	2	0	0	2
20	Mackerels	0	0	0	0	0
21	Seerfishes	0	7	0	0	7
22	Tunnies	0	0	0	0	0
23	Bregmaceros McClellandi	0	0	0	0	0
24	Soles	0	0	0	0	0
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	21	116	76	8	221
29	Non-Penaeids Prawns	495	112	85	52	744
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli(Cephalopoda)	0	0	0	0	0
33	Miscellaneous	10	19	7	0	36
TOTAL		1172	657	424	95	2348

TABLE No. 4. 1.5**VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (V) VASAI ZONE 2021-22**

(In Tonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	107	92	27	130	356
2	Eels	0	0	3	0	3
3	Catfishes	0	65	2	78	145
4	Chirocentrus SPP.	0	27	47	42	116
5	Sardine	0	0	0	0	0
6	Hilsa Ilisha	0	55	15	78	148
7	Anchovies	129	389	282	224	1024
8	Thrissocles	74	94	18	121	307
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	124	619	249	220	1212
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	0	8	0	8
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	2	12	2	12	28
16	Trichiuridae (Ribbonfishes)	50	36	60	108	254
17	Caranx	0	0	0	0	0
18	Pomfrets	747	1664	439	1415	4265
19	Black Pomfret	0	49	12	81	142
20	Mackerels	0	0	18	106	124
21	Seerfishes	0	155	75	118	348
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	12	0	0	0	12
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	4	0	4
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	315	253	164	192	924
29	Non-Penaeids Prawns	480	327	1353	630	2790
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli(Cephalopoda)	15	0	0	0	15
33	Miscellaneous	24	75	14	25	138
TOTAL		2079	3912	2792	3580	12363

TABLE No. 4. 1.6

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (VI) UTTAN ZONE 2021-22

(In Tonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	215	77	163	104	559
2	Eels	62	44	48	0	154
3	Catfishes	80	140	47	49	316
4	Chirocentrus SPP.	17	44	229	86	376
5	Sardine	0	0	0	0	0
6	Hilsa Ilisha	140	106	87	49	382
7	Anchovies	569	151	2612	742	4074
8	Thrissocles	192	186	223	59	660
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	654	234	1438	510	2836
11	Perches	0	0	0	2	2
12	Redsnapper	0	0	0	0	0
13	Polynemidae	26	13	58	60	157
14	Sciaenids	28	93	42	2	165
15	Otolithoides species	63	10	100	41	214
16	Trichiuridae (Ribbonfishes)	112	153	371	178	814
17	Caranx	0	0	0	0	0
18	Pomfrets	192	2803	448	62	3505
19	Black Pomfret	0	97	125	33	255
20	Mackerels	235	73	112	88	508
21	Seerfishes	69	205	662	117	1053
22	Tunnies	19	0	6	13	38
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	1	0	0	28	29
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	5	0	26	26	57
27	Upeneus Spp.	124	0	0	0	124
28	Penaeid Prawns	506	173	1679	827	3185
29	Non-Penaeids Prawns	878	175	9671	1546	12270
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	0	0	1	7	8
32	Loligo duvauceli (Cephalopoda)	195	20	77	172	464
33	Miscellaneous	82	471	246	136	935
TOTAL		4464	5268	18471	4937	33140

TABLE No. 4. 2.1

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (VII) MANORI ZONE 2021-22

						(InTonne)
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	5	3	12	6	26
2	Eels	0	0	0	0	0
3	Catfishes	21	4	0	14	39
4	Chirocentrus SPP.	15	0	0	22	37
5	Sardine	0	36	0	2	38
6	Hilsa Ilisha	0	0	0	44	44
7	Anchovies	64	49	168	227	508
8	Thrissoles	32	14	60	19	125
9	Other Clupieds	0	1	28	2	31
10	Harpadon Nehereus	47	62	127	265	501
11	Perches	0	0	0	0	0
12	Redsnapper	0	1	0	0	1
13	Polynemidae	0	1	0	0	1
14	Sciaenids	0	1	0	0	1
15	Otolithoides species	20	8	19	10	57
16	Trichiuridae (Ribbonfishes)	27	8	75	69	179
17	Caranx	0	0	0	20	20
18	Pomfrets	19	26	11	9	65
19	Black Pomfret	0	0	0	0	0
20	Mackerels	0	0	0	27	27
21	Seerfishes	0	107	0	0	107
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	9	0	0	0	9
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	30	55	8	93
28	Penaeid Prawns	78	419	1203	698	2398
29	Non-Penaeids Prawns	1374	61	3069	884	5388
30	Natantion Decapods (Lobsters)	3	1	7	4	15
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli (Cephalopoda)	22	15	92	1	130
33	Miscellaneous	18	98	87	135	338
TOTAL		1754	945	5013	2466	10178

TABLE No. 4. 2.2

VARIETY & QUARTERWISE MARINE FISH PRODUCTION OF (VIII) VARSOVA ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	21	1	322	129	473
2	Eels	15	59	520	159	753
3	Catfishes	11	44	684	146	885
4	Chirocentrus SPP.	4	0	83	0	87
5	Sardine	0	0	67	0	67
6	Hilsa Ilisha	1	35	519	401	956
7	Anchovies	189	254	2909	468	3820
8	Thrissoles	52	14	189	29	284
9	Other Clupieds	1	0	0	0	1
10	Harpadon Nehereus	97	1281	11806	1019	14203
11	Perches	3	0	0	0	3
12	Redsnapper	0	0	4	0	4
13	Polynemidae	2	0	663	280	945
14	Sciaenids	19	0	1039	364	1422
15	Otolithoides species	477	1	773	307	1558
16	Trichiuridae (Ribbonfishes)	746	69	1234	219	2268
17	Caranx	13	1	306	0	320
18	Pomfrets	21	197	3257	1415	4890
19	Black Pomfret	11	0	46	103	160
20	Mackerels	27	64	502	181	774
21	Seerfishes	6	0	691	426	1123
22	Tunnies	2	43	381	30	456
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	54	0	108	0	162
25	Sphyræna Spp. (Barracuda)	11	0	0	0	11
26	Leiognathus	0	0	35	0	35
27	Upeneus Spp.	541	0	82	6	629
28	Penaeid Prawns	687	269	5393	2986	9335
29	Non-Penaeids Prawns	783	237	1721	538	3279
30	Natantion Decapods (Lobsters)	0	0	20	0	20
31	Lactarius	5	0	0	0	5
32	Loligo duvauceli (Cephalopoda)	157	0	289	5	451
33	Miscellaneous	479	90	1415	232	2216
TOTAL		4435	2659	35058	9443	51595

TABLE No. 4. 3.1

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (IX) MUMBAI ZONE 2021-22

						(InTonne)
Sr. No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	13	14	95	8	130
2	Eels	0	0	98	0	98
3	Catfishes	5	48	91	15	159
4	Chirocentrus SPP.	7	2	1	0	10
5	Sardine	233	304	129	117	783
6	Hilsa Ilisha	21	2	78	1	102
7	Anchovies	58	0	541	330	929
8	Thrissoles	20	7	103	4	134
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	186	525	9	720
11	Perches	1	0	0	0	1
12	Redsnapper	0	1	0	0	1
13	Polynemidae	4	9	0	0	13
14	Sciaenids	4	0	1	0	5
15	Otolithoides species	94	730	79	56	959
16	Trichiuridae (Ribbonfishes)	0	0	69	1	70
17	Caranx	0	0	31	0	31
18	Pomfrets	14	146	145	16	321
19	Black Pomfret	0	0	0	0	0
20	Mackerels	0	0	15	6	21
21	Seerfishes	11	1	2	11	25
22	Tunnies	7	0	7	0	14
23	Bregmaceros Mcclellandi	0	0	2	0	2
24	Soles	0	0	37	0	37
25	Sphyræna Spp. (Barracuda)	3	45	0	0	48
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	140	384	1040	2848	4412
29	Non-Penaeids Prawns	1011	197	1474	2186	4868
30	Natantion Decapods (Lobsters)	2	13	4	2	21
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli (Cephalopoda)	0	0	0	0	0
33	Miscellaneous	298	90	354	480	1222
TOTAL		1946	2179	4921	6090	15136

TABLE No. 4. 3.2

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (X) SASOON DOCK ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	39	41	271	104	455
2	Eels	2	22	65	10	99
3	Catfishes	84	36	1340	1004	2464
4	Chirocentrus SPP.	5	30	100	27	162
5	Sardine	3	20	41	35	99
6	Hilsa Ilisha	5	33	243	108	389
7	Anchovies	32	114	112	35	293
8	Thrissocles	15	33	148	31	227
9	Other Clupieds	0	0	2	0	2
10	Harpadon Nehereus	16	390	576	77	1059
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	1	0	14	0	15
14	Sciaenids	12	13	205	66	296
15	Otolithoides species	148	140	350	123	761
16	Trichiuridae (Ribbonfishes)	111	175	548	817	1651
17	Caranx	808	54	1202	350	2414
18	Pomfrets	7	237	81	11	336
19	Black Pomfret	8	151	392	33	584
20	Mackerels	1077	81	16438	1188	18784
21	Seerfishes	30	119	2781	599	3529
22	Tunnies	193	494	5606	949	7242
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	3	9	24	1	37
25	Sphyræna Spp. (Barracuda)	169	0	624	94	887
26	Leiognathus	25	0	0	0	25
27	Upeneus Spp.	973	7	1698	93	2771
28	Penaeid Prawns	153	1278	729	716	2876
29	Non-Penaeids Prawns	17	122	72	19	230
30	Natantion Decapods (Lobsters)	1	0	27	7	35
31	Lactarius	2	8	148	22	180
32	Loligo duvauceli (Cephalopoda)	276	3557	2062	710	6605
33	Miscellaneous	149	425	3582	359	4515
TOTAL		4364	7589	39481	7589	59023

TABLE No. 4. 3.3

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (X-A) FERRYWARFF ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	81	147	249	240	717
2	Eels	23	75	105	42	245
3	Catfishes	71	99	335	354	859
4	Chirocentrus SPP.	14	47	135	56	252
5	Sardine	6	47	246	291	590
6	Hilsa Ilisha	11	34	96	44	185
7	Anchovies	436	281	1143	1306	3166
8	Thrissoctes	37	86	73	67	263
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	995	8725	8022	3665	21407
11	Perches	0	0	0	2	2
12	Redsnapper	2	0	0	0	2
13	Polynemidae	2	0	0	3	5
14	Sciaenids	14	22	432	334	802
15	Otolithoides species	1588	11186	5131	4739	22644
16	Trichiuridae (Ribbonfishes)	859	1597	628	628	3712
17	Caranx	412	71	229	230	942
18	Pomfrets	28	275	128	46	477
19	Black Pomfret	25	157	200	102	484
20	Mackerels	573	190	309	324	1396
21	Seerfishes	52	86	375	98	611
22	Tunnies	40	102	346	197	685
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	71	54	140	7	272
25	Sphyræna Spp. (Barracuda)	29	0	0	30	59
26	Leiognathus	70	0	0	0	70
27	Upeneus Spp.	1219	154	344	402	2119
28	Penaeid Prawns	805	5659	5030	3383	14877
29	Non-Penaeids Prawns	62	299	780	381	1522
30	Natantion Decapods (Lobsters)	12	10	73	44	139
31	Lactarius	21	32	131	35	219
32	Loligo duvauceli (Cephalopoda)	943	652	963	1062	3620
33	Miscellaneous	632	604	1686	1284	4206
TOTAL		9133	30691	27329	19396	86549

TABLE No. 4. 4.1

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XI) MORA KARANJA ZONE 2021-22

(In Tonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	7	16	0	7	30
2	Eels	0	0	0	0	0
3	Catfishes	7	10	5	7	29
4	Chirocentrus SPP.	0	0	0	0	0
5	Sardine	0	31	6	0	37
6	Hilsa Ilisha	0	0	2	5	7
7	Anchovies	10	33	4	7	54
8	Thrissoles	7	17	2	6	32
9	Other Clupieds	4	4	0	0	8
10	Harpadon Nehereus	0	70	11	0	81
11	Perches	0	1	0	0	1
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	0	0	0	0
14	Sciaenids	3	3	1	0	7
15	Otolithoides species	4	7	5	5	21
16	Trichiuridae (Ribbonfishes)	6	15	3	3	27
17	Caranx	0	0	0	0	0
18	Pomfrets	0	13	4	1	18
19	Black Pomfret	0	1	0	0	1
20	Mackerels	0	1	1	1	3
21	Seerfishes	0	2	0	0	2
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	0	0	0	0
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	1	2	0	3
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	37	94	74	23	228
29	Non-Penaeids Prawns	19	67	132	28	246
30	Natantion Decapods (Lobsters)	0	0	0	2	2
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli (Cephalopoda)	2	0	2	0	4
33	Miscellaneous	64	70	36	67	238
TOTAL		170	456	290	164	1081

TABLE No. 4. 4.2

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XII) ALIBAG ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	5	21	74	16	116
2	Eels	0	1	0	0	1
3	Catfishes	4	6	20	0	30
4	Chirocentrus SPP.	0	6	93	22	121
5	Sardine	22	7	84	11	124
6	Hilsa Ilisha	4	8	158	30	200
7	Anchovies	73	437	219	78	807
8	Thrissocles	1	0	0	0	1
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	87	6	0	93
11	Perches	0	0	20	0	20
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	9	88	4	101
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	11	48	494	111	664
16	Trichiuridae (Ribbonfishes)	283	169	1230	106	1788
17	Caranx	38	0	0	22	60
18	Pomfrets	5	119	467	26	617
19	Black Pomfret	32	8	14	1	55
20	Mackerels	128	1	515	317	961
21	Seerfishes	18	19	157	58	252
22	Tunnies	1	0	352	84	437
23	Bregmaceros Mcclellandi	0	0	280	0	280
24	Soles	5	10	58	10	83
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	2	29	1	32
27	Upeneus Spp.	1	0	222	4	227
28	Penaeid Prawns	40	408	1184	123	1755
29	Non-Penaeids Prawns	1897	1	839	938	3675
30	Natantion Decapods (Lobsters)	1	0	0	0	1
31	Lactarius	0	0	116	4	120
32	Loligo duvauceli (Cephalopoda)	60	61	207	30	358
33	Miscellaneous	104	75	1481	423	2083
TOTAL		2733	1503	8407	2419	15062

TABLE No. 4. 4.3

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XIII) REVDANDA ZONE 2021-22

						(InTonne)
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	8	1	24	17	50
2	Eels	0	0	0	0	0
3	Catfishes	2	1	19	3	25
4	Chirocentrus SPP.	0	6	39	1	46
5	Sardine	1	15	49	182	247
6	Hilsa Ilisha	0	33	17	4	54
7	Anchovies	25	53	59	24	161
8	Thrissocles	5	10	10	5	30
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	365	49	16	430
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	26	6	0	32
14	Sciaenids	0	0	2	0	2
15	Otolithoides species	0	35	48	18	101
16	Trichiuridae (Ribbonfishes)	119	65	446	19	649
17	Caranx	0	0	13	0	13
18	Pomfrets	5	237	80	13	335
19	Black Pomfret	0	17	1	3	21
20	Mackerels	880	2	425	543	1850
21	Seerfishes	150	22	276	229	677
22	Tunnies	2	0	177	284	463
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	11	25	1	37
25	Sphyaena Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	6	138	144
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	23	389	384	79	875
29	Non-Penaeids Prawns	1122	752	448	1303	3625
30	Natantion Decapods (Lobsters)	0	0	34	0	34
31	Lactarius	0	0	14	0	14
32	Loligo duvauceli (Cephalopoda)	635	0	42	105	782
33	Miscellaneous	360	145	353	498	1356
TOTAL		3337	2185	3046	3485	12053

TABLE No. 4. 4.4

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XIV) MURUD ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	0	0	22	15	37
2	Eels	0	0	0	0	0
3	Catfishes	0	16	7	3	26
4	Chirocentrus SPP.	0	0	1	1	2
5	Sardine	0	1	6	10	17
6	Hilsa Ilisha	0	0	0	11	11
7	Anchovies	14	408	218	28	668
8	Thrissoles	9	16	35	2	62
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	40	13	0	53
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	0	6	0	6
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	0	35	181	23	239
16	Trichiuridae (Ribbonfishes)	40	3	12	5	60
17	Caranx	0	5	25	2	32
18	Pomfrets	56	3	30	8	97
19	Black Pomfret	8	0	0	0	8
20	Mackerels	0	0	7	2	9
21	Seerfishes	0	0	7	1	8
22	Tunnies	0	0	0	1	1
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	11	14	80	5	110
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	88	131	357	300	876
29	Non-Penaeids Prawns	828	0	0	125	953
30	Natantion Decapods (Lobsters)	1	0	2	96	99
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli (Cephalopoda)	0	6	0	0	6
33	Miscellaneous	146	13	13	33	205
TOTAL		1201	691	1022	671	3585

TABLE No. 4. 4.5

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XV) SHRIVARDHAN ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	0	0	9	2	11
2	Eels	0	0	1	0	1
3	Catfishes	3	3	12	4	22
4	Chirocentrus SPP.	0	0	2	3	5
5	Sardine	230	15	4	0	249
6	Hilsa Ilisha	7	0	0	0	7
7	Anchovies	23	14	0	2	39
8	Thrissocles	14	11	9	6	40
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	15	0	0	15
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	5	0	0	0	5
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	40	6	16	5	67
16	Trichiuridae (Ribbonfishes)	18	0	4	0	22
17	Caranx	0	0	7	0	7
18	Pomfrets	31	3	15	5	54
19	Black Pomfret	0	0	0	0	0
20	Mackerels	89	0	21	18	128
21	Seerfishes	25	0	10	2	37
22	Tunnies	3	0	0	0	3
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	6	0	0	2	8
25	Sphyraena Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	72	23	6	4	105
29	Non-Penaeids Prawns	1	6	0	19	26
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	0	0	0	0	0
32	Loligo duvauceli (Cephalopoda)	0	0	0	0	0
33	Miscellaneous	41	40	7	2	90
TOTAL		608	136	123	74	941

TABLE No. 4. 4.6

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XVI) JEEWANA ZONE 2021-22

						(InTonne)
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	11	0	13	2	26
2	Eels	0	0	0	0	0
3	Catfishes	18	1	3	0	22
4	Chirocentrus SPP.	0	0	30	5	35
5	Sardine	73	211	193	13	490
6	Hilsa Ilisha	30	0	3	1	34
7	Anchovies	7	178	56	38	279
8	Thrissoles	20	41	22	5	88
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	11	0	0	11
11	Perches	0	2	0	0	2
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	0	0	0	0
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	315	110	199	20	644
16	Trichiuridae (Ribbonfishes)	45	0	58	12	115
17	Caranx	86	0	1	0	87
18	Pomfrets	12	37	44	0	93
19	Black Pomfret	9	32	0	0	41
20	Mackerels	171	286	1461	49	1967
21	Seerfishes	17	20	104	8	149
22	Tunnies	4	0	45	7	56
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	56	22	60	6	144
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	25	0	0	0	25
28	Penaeid Prawns	346	1006	1489	147	2988
29	Non-Penaeids Prawns	0	0	0	5	5
30	Natantion Decapods (Lobsters)	0	0	3	2	5
31	Lactarius	11	0	0	3	14
32	Loligo duvauceli (Cephalopoda)	5	1	4	2	12
33	Miscellaneous	179	171	160	37	547
TOTAL		1440	2129	3948	362	7879

TABLE No. 4. 5.1

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XVII) BURUNDI ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	0	0	73	5	78
2	Eels	0	0	10	0	10
3	Catfishes	1	0	70	0	71
4	Chirocentrus SPP.	0	0	28	0	28
5	Sardine	0	9	0	28	37
6	Hilsa Ilisha	0	0	0	0	0
7	Anchovies	71	30	286	30	417
8	Thrissoles	0	4	0	0	4
9	Other Clupieds	0	0	32	11	43
10	Harpadon Nehereus	0	4	1	0	5
11	Perches	0	0	31	0	31
12	Redsnapper	0	4	45	0	49
13	Polynemidae	0	0	82	0	82
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	78	91	303	13	485
16	Trichiuridae (Ribbonfishes)	48	32	176	2	258
17	Caranx	0	0	0	0	0
18	Pomfrets	28	0	66	1	95
19	Black Pomfret	0	18	47	0	65
20	Mackerels	29	15	246	54	344
21	Seerfishes	4	17	61	5	87
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	1	59	20	8	88
25	Sphyaena Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	2	0	2
27	Upeneus Spp.	19	0	7	0	26
28	Penaeid Prawns	154	265	239	38	696
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	0	1	1
31	Lactarius	14	0	60	5	79
32	Loligo duvauceli (Cephalopoda)	0	5	14	0	19
33	Miscellaneous	60	35	53	13	161
TOTAL		507	588	1952	214	3261

TABLE No. 4. 5.2

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XVIII) DABHOL ZONE 2021-22

						(InTonne)
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	10	0	24	7	41
2	Eels	0	5	15	3	23
3	Catfishes	10	1	48	3	62
4	Chirocentrus SPP.	5	20	11	1	37
5	Sardine	0	0	0	0	0
6	Hilsa Ilisha	1	1	3	0	5
7	Anchovies	233	91	172	15	511
8	Thrissocles	39	0	62	1	102
9	Other Clupieds	0	0	0	23	23
10	Harpadon Nehereus	0	11	25	0	36
11	Perches	0	0	0	0	0
12	Redsnapper	0	1	3	0	4
13	Polynemidae	0	0	0	0	0
14	Sciaenids	0	0	34	0	34
15	Otolithoides species	192	159	346	68	765
16	Trichiuridae (Ribbonfishes)	496	6	242	155	899
17	Caranx	0	0	0	4	4
18	Pomfrets	30	0	212	13	255
19	Black Pomfret	7	28	16	1	52
20	Mackerels	149	179	284	71	683
21	Seerfishes	55	58	86	14	213
22	Tunnies	0	0	14	1	15
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	13	0	130	66	209
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	3	3	6
27	Upeneus Spp.	109	0	225	26	360
28	Penaeid Prawns	1067	1800	3108	369	6344
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	1	1	2
31	Lactarius	25	38	143	24	230
32	Loligo duvauceli (Cephalopoda)	144	1793	1109	157	3203
33	Miscellaneous	789	744	207	36	1776
TOTAL		3374	4935	6523	1062	15894

TABLE No. 4. 5.3

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XIX) MIRKARWADA ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	0	6	19	0	25
2	Eels	0	0	0	0	0
3	Catfishes	1	1	0	0	2
4	Chirocentrus SPP.	66	0	53	10	129
5	Sardine	575	197	4995	0	5767
6	Hilsa Ilisha	1	2	0	0	3
7	Anchovies	0	0	0	0	0
8	Thrissocles	0	0	0	0	0
9	Other Clupieds	0	0	8	2	10
10	Harpadon Nehereus	0	0	0	0	0
11	Perches	0	0	0	0	0
12	Redsnapper	1	1	5	0	7
13	Polynemidae	0	0	0	0	0
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	134	52	338	2	526
16	Trichiuridae (Ribbonfishes)	1390	4	77	295	1766
17	Caranx	0	0	0	0	0
18	Pomfrets	467	0	18	36	521
19	Black Pomfret	0	37	76	0	113
20	Mackerels	8423	7829	27182	6223	49657
21	Seerfishes	940	4	437	169	1550
22	Tunnies	952	48	4372	633	6005
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	69	361	24	6	460
25	Sphyraena Spp. (Barracuda)	162	0	28	0	190
26	Leiognathus	59	4	71	0	134
27	Upeneus Spp.	132	0	10	2	144
28	Penaeid Prawns	687	2155	115	171	3128
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	0	12	0	6	18
32	Loligo duvauceli (Cephalopoda)	2806	1552	301	200	4859
33	Miscellaneous	2339	785	728	207	4059
TOTAL		19204	13050	38857	7962	79073

TABLE No. 4. 5.4

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XX) RATNAGIRI ZONE 2021-22

						(InTonne)
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	2	0	0	6	8
2	Eels	0	0	0	0	0
3	Catfishes	0	0	0	2	2
4	Chirocentrus SPP.	0	0	4	0	4
5	Sardine	0	2	0	0	2
6	Hilsa Ilisha	1	0	0	0	1
7	Anchovies	14	0	0	0	14
8	Thrissoles	0	0	374	0	374
9	Other Clupieds	0	0	25	15	40
10	Harpadon Nehereus	0	0	0	0	0
11	Perches	0	0	0	0	0
12	Redsnapper	1	0	0	0	1
13	Polynemidae	0	0	0	0	0
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	6	11	32	39	88
16	Trichiuridae (Ribbonfishes)	43	0	138	47	228
17	Caranx	0	0	0	0	0
18	Pomfrets	0	0	1	0	1
19	Black Pomfret	9	0	0	1	10
20	Mackerels	60	24	177	54	315
21	Seerfishes	3	1	39	1	44
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	8	0	24	68	100
25	Sphyraena Spp. (Barracuda)	2	1	0	1	4
26	Leiognathus	1	1	0	0	2
27	Upeneus Spp.	9	0	8	7	24
28	Penaeid Prawns	116	34	160	87	397
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	0	1	1
31	Lactarius	0	0	0	28	28
32	Loligo duvauceli (Cephalopoda)	28	40	173	9	250
33	Miscellaneous	203	456	101	302	1062
TOTAL		506	570	1256	668	3000

TABLE No. 4. 6.1

VARIETY & QUARTERWISE MARINE FISH PRODUCTION OF (XXI) ANANDWADI ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	9	22	0	0	31
2	Eels	35	0	0	0	35
3	Catfishes	21	12	0	0	33
4	Chirocentrus SPP.	12	0	0	0	12
5	Sardine	213	23	6	0	242
6	Hilsa Ilisha	0	0	0	0	0
7	Anchovies	0	0	0	0	0
8	Thrissocles	0	0	0	0	0
9	Other Clupieds	64	0	0	0	64
10	Harpadon Nehereus	156	0	0	0	156
11	Perches	0	0	0	0	0
12	Redsnapper	23	14	0	0	37
13	Polynemidae	1	0	0	0	1
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	286	52	10	11	359
16	Trichiuridae (Ribbonfishes)	160	102	0	1	263
17	Caranx	0	0	0	0	0
18	Pomfrets	18	62	0	0	80
19	Black Pomfret	41	32	0	0	73
20	Mackerels	46	146	27	16	235
21	Seerfishes	193	164	3	12	372
22	Tunnies	8	0	0	0	8
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	660	0	0	0	660
25	Sphyraena Spp. (Barracuda)	10	0	0	0	10
26	Leiognathus	21	190	0	0	211
27	Upeneus Spp.	98	0	0	0	98
28	Penaeid Prawns	375	11	0	5	391
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	84	27	10	11	132
32	Loligo duvauceli (Cephalopoda)	232	174	0	1	407
33	Miscellaneous	376	367	4	8	755
TOTAL		3142	1398	60	65	4665

TABLE No.4. 6.2

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XXII) DEOGAD ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	0	0	0	0	0
2	Eels	0	0	0	0	0
3	Catfishes	1	5	0	2	8
4	Chirocentrus SPP.	6	14	1	2	23
5	Sardine	35	28	25	27	115
6	Hilsa Ilisha	0	0	0	0	0
7	Anchovies	0	0	0	0	0
8	Thrissoles	0	0	1	4	5
9	Other Clupieds	10	10	1	0	21
10	Harpadon Nehereus	0	0	5	1	6
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	0	0	0	0
14	Sciaenids	0	0	0	0	0
15	Otolithoides species	25	10	27	20	82
16	Trichiuridae (Ribbonfishes)	10	9	0	2	21
17	Caranx	0	0	0	0	0
18	Pomfrets	1	7	0	0	8
19	Black Pomfret	1	0	2	4	7
20	Mackerels	13	13	56	25	107
21	Seerfishes	3	4	1	7	15
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	4	0	0	0	4
25	Sphyræna Spp. (Barracuda)	0	0	1	2	3
26	Leiognathus	4	12	2	2	20
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	0	10	0	0	10
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	1	0	0	1
31	Lactarius	24	11	17	12	64
32	Loligo duvauceli (Cephalopoda)	1	1	0	0	2
33	Miscellaneous	19	31	16	37	103
TOTAL		157	166	155	147	625

TABLE No. 4. 6.3

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XXIII) MAKREBAG ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	12	4	2	0	18
2	Eels	10	0	10	0	20
3	Catfishes	39	25	1	0	65
4	Chirocentrus SPP.	0	20	2	0	22
5	Sardine	77	89	19	20	205
6	Hilsa Ilisha	0	0	6	0	6
7	Anchovies	0	0	0	0	0
8	Thrissoles	0	0	0	0	0
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	0	0	0	0
11	Perches	0	0	0	0	0
12	Redsnapper	4	0	0	0	4
13	Polynemidae	0	0	0	0	0
14	Sciaenids	34	21	0	0	55
15	Otolithoides species	58	67	23	27	175
16	Trichiuridae (Ribbonfishes)	0	0	1	0	1
17	Caranx	9	0	0	0	9
18	Pomfrets	59	0	9	12	80
19	Black Pomfret	0	0	7	10	17
20	Mackerels	204	235	51	84	574
21	Seerfishes	90	52	17	40	199
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	38	0	1	5	44
25	Sphyræna Spp. (Barracuda)	0	1	0	0	1
26	Leiognathus	10	1	0	0	11
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	95	6	1	16	118
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	56	33	15	17	121
32	Loligo duvauceli (Cephalopoda)	6	28	2	3	39
33	Miscellaneous	45	37	11	10	103
TOTAL		846	619	178	244	1887

TABLE No. 4. 6.4
VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XIV) MALVAN ZONE 2021-22

						(InTonne)
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	0	0	0	0	0
2	Eels	0	0	0	0	0
3	Catfishes	14	2	0	0	16
4	Chirocentrus SPP.	0	0	0	0	0
5	Sardine	128	30	41	9	208
6	Hilsa Ilisha	0	0	0	0	0
7	Anchovies	0	0	0	0	0
8	Thrissoles	0	0	0	0	0
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	0	0	0	0
11	Perches	0	0	0	0	0
12	Redsnapper	0	0	0	0	0
13	Polynemidae	0	0	0	0	0
14	Sciaenids	10	3	0	0	13
15	Otolithoides species	21	15	46	68	150
16	Trichiuridae (Ribbonfishes)	0	0	0	0	0
17	Caranx	0	0	0	0	0
18	Pomfrets	0	0	4	0	4
19	Black Pomfret	0	0	3	0	3
20	Mackerels	151	112	119	296	678
21	Seerfishes	0	0	18	38	56
22	Tunnies	0	0	0	0	0
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	0	0	0	0
25	Sphyræna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	44	1	0	0	45
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	0	0	4	0	4
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	28	0	42	83	153
32	Loligo duvauceli (Cephalopoda)	0	0	0	0	0
33	Miscellaneous	51	10	23	24	108
TOTAL		447	173	300	518	1438

TABLE No. 4. 6.5

VARIETY & QUARTER-WISE MARINE FISH PRODUCTION OF (XXV) VENGURLA ZONE 2021-22

(InTonne)						
Sr.No	Variety	Q. I	Q. II	Q. III	Q. IV	Total
1	2	3	4	5	6	7
1	Elasmobranchs	0	0	0	0	0
2	Eels	0	0	0	86	86
3	Catfishes	4	1	5	5	15
4	Chirocentrus SPP.	0	5	0	0	5
5	Sardine	56	15	59	12	142
6	Hilsa Ilisha	0	0	4	1	5
7	Anchovies	0	0	0	0	0
8	Thrissocles	0	0	0	0	0
9	Other Clupieds	0	0	0	0	0
10	Harpadon Nehereus	0	0	0	0	0
11	Perches	0	0	0	0	0
12	Redsnapper	3	0	2	3	8
13	Polynemidae	0	0	2	0	2
14	Sciaenids	2	0	0	0	2
15	Otolithoides species	44	28	63	41	176
16	Trichiuridae (Ribbonfishes)	0	0	0	0	0
17	Caranx	0	0	0	18	18
18	Pomfrets	0	0	4	0	4
19	Black Pomfret	0	0	4	0	4
20	Mackerels	93	56	221	201	571
21	Seerfishes	0	17	69	75	161
22	Tunnies	0	0	0	2	2
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	0	0	0	0	0
25	Sphyrna Spp. (Barracuda)	0	0	0	0	0
26	Leiognathus	0	0	0	0	0
27	Upeneus Spp.	0	0	0	0	0
28	Penaeid Prawns	0	0	0	0	0
29	Non-Penaeids Prawns	0	0	0	0	0
30	Natantion Decapods (Lobsters)	0	0	0	0	0
31	Lactarius	25	0	41	31	97
32	Loligo duvauceli (Cephalopoda)	3	0	0	0	3
33	Miscellaneous	27	16	41	46	130
TOTAL		257	138	515	521	1431

TABLE No. 5.0**TABLE SHOWING PER UNIT PRODUCTION BY DIFFERENT TYPES OF BOATS & NETS
IN MAHARASHTRA 2021-22**

Sr. No	Particulars	Type of Nets							Total
		Trawl-net	Bagnet	Gillnet	Purseseine	Long Lines	Rampan	Others	
1	2	3	4	5	6	7	8	9	10
1	No.of efforts of Mech. Boats	200752	286388	351673	48552	82	0	23822	911269
2	Production of Mech. Boats (Tonne)	169101	117019	32570	109113	4	0	3555	431362
3	Per Unit efforts Production (kg.)	842	409	93	2247	49	0	149	473
1	No.of efforts of Non-Mech. Boats	0	23817	21878	0	0	1838	44636	92169
2	Production of Non-Mech.Boats (Tonne)	0	322	351	0	0	218	495	1386
3	Per Unit efforts Production (kg.)	0	14	16	0	0	119	11	15

TABLE No. 5.1**TABLE SHOWING PER UNIT PRODUCTION BY DIFFERENT TYPES OF BOATS & NETS
IN THANE DISTRICT 2021 -22**

Sr. No.	Particulars	Type of Nets							Total
		Trawl-net	Bagnet	Gillnet	Purseseine	Long Lines	Rampan	Others	
1	2	3	4	5	6	7	8	9	10
1	No.of efforts of Mech. Boats	0	84695	16248	0	0	0	0	100943
2	Production of Mech. Boats (Tonne)	0	48158	10150	0	0	0	0	58308
3	Per Unit efforts Production (kg.)	0	569	625	0	0	0	0	578
1	No.of efforts of Non-Mech. Boats	0	9672	0	0	0	0	1240	10912
2	Production of Non-Mech. Boats (Tonne)	0	73	0	0	0	0	11	84
3	Per Unit efforts Production (kg.)	0	8	0	0	0	0	9	8

TABLE No. 5.2**TABLE SHOWING PER UNIT PRODUCTION BY DIFFERENT TYPES OF BOATS & NETS
IN MUMBAI SUBURBAN 2021-22**

Sr. No.	Particulars	Type of Nets							Total
		Trawl-net	Bag-net	Gill-net	Purse-seine	Long Lines	Rampan	Others	
1	2	3	4	5	6	7	8	9	10
1	No.of efforts of Mech. Boats	8274	74553	11604	0	0	0	0	94431
2	Production of Mech. Boats (Tonne)	21218	39070	1423	0	0	0	0	61711
3	Per Unit efforts Production (kg.)	2564	524	123	0	0	0	0	654
1	No.of efforts of Non-Mech. Boats	0	2401	1322	0	0	0	0	3723
2	Production of Non-Mech. Boats (Tonne)	0	51	11	0	0	0	0	62
3	Per Unit efforts Production (kg.)	0	21	8	0	0	0	0	17

TABLE No. 5.3**TABLE SHOWING PER UNIT PRODUCTION BY DIFFERENT TYPES OF BOATS & NETS
IN MUMBAI CITY 2021-22**

Sr. No	Particulars	Type of Nets							Total
		Trawl-net	Bag-net	Gill-net	Purse-seine	Long Lines	Rampan	Others	
1	2	3	4	5	6	7	8	9	10
1	No.of efforts of Mech. Boats	30133	49831	32048	13927	57	0	17194	143190
2	Production of Mech. Boats (Tonne)	107795	11369	3802	34439	4	0	2975	160384
3	Per Unit efforts Production (kg.)	3577	228	119	2473	70	0	173	1120
1	No.of efforts of Non-Mech. Boats	0	783	710	0	0	0	10952	12445
2	Production of Non-Mech. Boats (Tonne)	0	24	19	0	0	0	281	324
3	Per Unit efforts Production (kg.)	0	31	27	0	0	0	26	26

TABLE No. 5.4**TABLE SHOWING PER UNIT PRODUCTION BY DIFFERENT TYPES OF BOATS & NETS
IN RAIGAD DISTRICT 2021-22**

Sr.No.	Particulars	Type of Nets							Total
		Trawl-net	Bagnet	Gillnet	Purseseine	Long Lines	Rampan	Others	
1	2	3	4	5	6	7	8	9	10
1	No.of efforts of Mech. Boats	38118	77309	115789	2681	25	0	6628	240550
2	Production of Mech. Boats (Tonne)	6301	18422	9202	5796	0	0	580	40301
3	Per Unit efforts Production (kg.)	165	238	79	2162	0	0	88	168
1	No.of efforts of Non-Mech. Boats	0	10961	1288	0	0	0	16658	28907
2	Production of Non-Mech. Boats (Tonne)	0	174	19	0	0	0	107	300
3	Per Unit efforts Production (kg.)	0	16	15	0	0	0	6	10

TABLE No. 5.5**TABLE SHOWING PER UNIT PRODUCTION BY DIFFERENT TYPES OF BOATS & NETS
IN RATNAGIRI DISTRICT 2021-22**

Sr. No.	Particulars	Type of Nets							Total
		Trawl-net	Bagnet	Gillnet	Purseseine	LongLines	Rampan	Others	
1	2	3	4	5	6	7	8	9	10
1	No.of efforts of Mech. Boats	97895	0	45737	31944	0	0	0	175576
2	Production of Mech. Boats (Tonne)	29455	0	2581	68878	0	0	0	100914
3	Per Unit efforts Production (kg.)	301	0	56	2156	0	0	0	575
1	No.of efforts of Non-Mech. Boats	0	0	1944	0	0	1838	14776	18558
2	Production of Non-Mech. Boats (Tonne)	0	0	19	0	0	218	77	314
3	Per Unit efforts Production (kg.)	0	0	10	0	0	119	5	17

TABLE No. 5.6

**TABLE SHOWING PER UNIT PRODUCTION BY DIFFERENT TYPES OF BOATS & NETS
IN SINDHUDURG DISTRICT 2021-22**

Sr. No.	Particulars	Type of Nets							Total
		Trawl-net	Bagnet	Gillnet	Purseseine	Long Lines	Rampan	Others	
1	2	3	4	5	6	7	8	9	10
1	No.of efforts of Mech. Boats	26332	0	130247	0	0	0	0	156579
2	Production of Mech. Boats (Tonne)	4332	0	5412	0	0	0	0	9744
3	Per Unit efforts Production (kg.)	165	0	42	0	0	0	0	62
1	No.of efforts of Non-Mech. Boats	0	0	16614	0	0	0	1010	17624
2	Production of Non-Mech. Boats (Tonne)	0	0	283	0	0	0	19	302
3	Per Unit efforts Production (kg.)	0	0	17	0	0	0	19	17

TABLE No. 6.0**MARINE FISH PRODUCTION BY DIFFERENT TYPE OF BOATS & NETS IN MAHARASHTRA 2021-22**

Sr. No.	Type of Nets	Mechanised	Non-Mechanised	Rampan	Total
1	2	3	4	5	6
1	Trawlner	169101	0	0	169101
2	Bagnet	117019	322	0	117341
3	Gillnet	32570	351	0	32921
4	Longlines	4	0	0	4
5	Rampan	0	0	218	218
6	Purseseine	109113	0	0	109113
7	Others	3555	495	0	4050
TOTAL		431362	1168	218	432748

TABLE No. 6.1**MARINE FISH PRODUCTION BY DIFFERENT TYPE OF BOATS & NETS IN THANE DISTRICT 2021-22**

Sr.No.	Type of Nets	Mechanised	Non-Mechanised	Rampan	Total
1	2	3	4	5	6
1	Trawlner	0	0	0	0
2	Bagnet	48158	73	0	48231
3	Gillnet	10150	0	0	10150
4	Longlines	0	0	0	0
5	Rampan	0	0	0	0
6	Purseseine	0	0	0	0
7	Others	0	11	0	11
TOTAL		58308	84	0	58392

TABLE No. 6.2**MARINE FISH PRODUCTION BY DIFFERENT TYPE OF BOATS & NETS IN MUMBAI SUBURBAN 2021-22**

Sr.No.	Type of Nets	Mechanised	Non Mechanised	Rampan	Total
1	2	3	4	5	6
1	Trawlner	21218	0	0	21218
2	Bagnet	39070	51	0	39121
3	Gillnet	1423	11	0	1434
4	Longlines	0	0	0	0
5	Rampan	0	0	0	0
6	Purseseine	0	0	0	0
7	Others	0	0	0	0
TOTAL		61711	62	0	61773

TABLE No. 6.3**MARINE FISH PRODUCTION BY DIFFERENT TYPE OF BOATS & NETS IN MUMBAI CITY 2021-22**

Sr.No.	Type of Nets	Mechanised	Non-Mechanised	Rampan	Total
1	2	3	4	5	6
1	Trawlner	107795	0	0	107795
2	Bagnet	11369	24	0	11393
3	Gillnet	3802	19	0	3821
4	Longlines	4	0	0	4
5	Rampan	0	0	0	0
6	Purseseine	34439	0	0	34439
7	Others	2975	281	0	3256
TOTAL		160384	324	0	160708

TABLE No. 6.4**MARINE FISH PRODUCTION BY DIFFERENT TYPE OF BOATS & NETS IN RAIGAD DISTRICT 2021-22**

Sr.No.	Type of Nets	Mechanised	Non-Mechanised	Rampan	Total
1	2	3	4	5	6
1	Trawlner	6301	0	0	6301
2	Bagnet	18422	174	0	18596
3	Gillnet	9202	19	0	9221
4	Longlines	0	0	0	0
5	Rampan	0	0	0	0
6	Purseseine	5796	0	0	5796
7	Others	580	107	0	687
TOTAL		40301	300	0	40601

TABLE No. 6.5**MARINE FISH PRODUCTION BY DIFFERENT TYPE OF BOATS & NETS IN RATNAGIRI DISTRICT 2021-22**

Sr.No.	Type of Nets	Mechanised	Non-Mechanised	Rampan	Total
1	2	3	4	5	6
1	Trawlner	29455	0	0	29455
2	Bagnet	0	0	0	0
3	Gillnet	2581	19	0	2600
4	Longlines	0	0	0	0
5	Rampan	0	0	218	218
6	Purseseine	68878	0	0	68878
7	Others	0	77	0	77
TOTAL		100914	96	218	101228

TABLE No. 6.6**MARINE FISH PRODUCTION BY DIFFERENT TYPE OF BOATS & NETS IN SINDHUDURG DISTRICT 2021-22**

Sr.No.	Type of Nets	Mechanised	Non-Mechanised	Rampan	Total
1	2	3	4	5	6
1	Trawlner	4332	0	0	4332
2	Bagnet	0	0	0	0
3	Gillnet	5412	283	0	5695
4	Longlines	0	0	0	0
5	Rampan	0	0	0	0
6	Purseseine	0	0	0	0
7	Others	0	19	0	19
TOTAL		9744	302	0	10046

TABLE No. 7.0
DISTRICT-WISE PROMINENT VARIETIES OF MARINE FISH PRODUCTION BY TRAWLNET IN
MAHARASHTRA 2021-22

								(In Tonne)
Sr. No.	Prominent Variety	Thane	Mumbai (S)	Mumbai(C)	Raigad	Ratnagiri	Sindhudurg	Total production
1	2	3	4	5	6	7	8	9
1	Elasmobranchs	0	328	871	16	89	13	1317
2	Eels	0	280	308	0	33	10	631
3	Cat Fish	0	351	1147	18	62	29	1607
4	Anchovies	0	797	3396	183	562	0	4938
5	Harpodon Nehereus	0	1285	21896	74	39	156	23450
6	Otolithoides Spp.	0	922	23155	410	1195	289	25971
7	Ribbon Fish	0	1150	4690	247	1456	241	7784
8	Pomfret	0	2910	745	26	341	140	4162
9	Mackerel	0	350	1884	80	3864	241	6419
10	SeerFishes	0	972	954	11	304	184	2425
11	Penaeid Prawns	0	5709	17550	4284	10037	502	38082
12	Non-Penaeids Prawns	0	395	1640	45	0	0	2080
13	Natantion Decapods (Lobsters)	0	20	166	4	3	0	194
14	Lactarius	0	5	383	7	281	119	795
15	Cephalopoda	0	420	10031	69	5573	417	16511
16	Others	0	5324	18979	826	5616	1991	32736
TOTAL		0	21218	107795	6301	29455	4332	169101

TABLE No. 7.1
DISTRICT-WISE PROMINENT VARIETIES OF MARINE FISH PRODUCTION BY PURSESEINE IN
MAHARASHTRA 2021-22

								(In Tonne)
Sr. No.	Prominent Variety	Thane	Mumbai (S)	Mumbai (C)	Raigad	Ratnagiri	Sindhudurg	Total production
1	2	3	4	5	6	7	8	9
1	Cat Fish	0	0	1924	1	0	0	1925
2	Sardine	0	0	0	169	5710	0	5879
3	Caranx	0	0	2098	55	0	0	2153
4	Mackerel	0	0	18134	2211	46757	0	67102
5	SeerFishes	0	0	3017	486	1538	0	5041
6	Tunna	0	0	6774	456	6005	0	13235
7	Sphyraena Spp. (Barracudas)	0	0	843	0	190	0	1033
8	Others	0	0	1649	2418	8678	0	12745
TOTAL		0	0	34439	5796	68878	0	109113

TABLE No. 7.2

DISTRICT & ZONE-WISE PROMINENT VARIETIES OF MARINE FISH PRODUCTION BY BAGNET & GILLNET IN THANE DISTRICT 2021-22

(In Tonne)								
Sr. No	Fishery/Prominent Variety	I Dahanu	II Popharan Dandi	III Satpati	IV Kelwa	V Vasai	VI Uttan	District Total
1	2	3	4	5	6	7	8	9
BAGNETS:								
1	Sardine	0	0	5	0	0	0	5
2	Anchovies	216	211	29	410	1024	4047	5937
3	Harpodon Nehereus	3974	618	62	727	1212	2818	9411
4	Pomfrets	114	81	298	95	4265	1226	6079
5	Penaeid Prawns	114	61	32	221	924	3173	4525
6	Non-Penaeids Prawns	113	82	28	744	2790	12242	15999
7	Others	427	101	657	151	2148	2791	6275
TOTAL		4958	1154	1111	2348	12363	26297	48231
GILLNETS:-								
1	Elasmobranchs	2	33	1312	0	0	484	1831
2	Cat Fishes	3	20	62	0	0	219	304
3	Polynemidae	5	15	9	0	0	140	169
4	Sciaenids	1	9	33	0	0	142	185
5	Otolithoides Spp.	0	0	85	0	0	4	89
6	Pomfret	10	120	396	0	0	2279	2805
7	Black Pomfret	0	1	467	0	0	211	679
8	Mackerel	0	20	29	0	0	459	508
9	Seerfishes	11	46	155	0	0	930	1142
10	Others	10	93	371	0	0	1964	2438
TOTAL		42	357	2919	0	0	6832	10150

TABLE No. 7.3

DISTRICT & ZONE-WISE PROMINENT VARIETIES OF MARINE FISH PRODUCTION BY BAGNET & GILLNET IN MUMBAI SUB. & CITY 2021-22

							(In Tonne)
Sr. No.	Fishery/Prominent Variety	VII Manori	VIII Versova	IX Mumbai	X SassonDock	XA FerryWarff	District Total
1	2	3	4	5	6	7	8
BAGNETS:							
1	Sardine	38	0	57	2	0	97
2	Anchovies	492	3023	924	61	2	4502
3	Harpodon Nehereus	485	12918	711	557	13	14684
4	Ribbon fish	179	1109	1	34	1	1324
5	Pomfrets	61	1338	9	33	2	1443
6	Penaeid prawns	2398	3626	4075	196	5	10300
7	Non Penaeid prawns	5388	2884	2595	111	1	10979
8	Others	913	4269	1879	120	4	7185
TOTAL		9954	29167	10251	1114	28	50514
GILLNETS:							
1	Elasmobranchs	7	59	107	284	0	457
2	Cat Fishes	8	18	54	241	0	321
3	Chirocentrus SPP.	0	28	10	73	0	111
4	Hilsa Ilisha	0	52	102	301	0	455
5	Seerfishes	107	115	24	164	0	410
6	Tuna	0	0	13	39	0	52
7	Pomfret	4	642	312	33	0	991
8	Black Pomfret	0	0	0	87	0	87
9	Others	98	296	1004	973	0	2371
TOTAL		224	1210	1626	2195	0	5255

TABLE No. 7.4

DISTRICT & ZONE-WISE PROMINENT VARIETIES OF MARINE FISH PRODUCTION BY BAGNET & GILLNET IN RAIGAD DISTRICT 2021-22

(In Tonne)

Sr. No.	Fishery/Prominent Variety	XI Mora	XII Alibaug	XIII Revadanda	XIV Murud	XV Shrivardhan	XVI Jivana	District Total
1	2	3	4	5	6	7	8	9
BAGNETS:-								
1	Sardine	36	124	77	0	15	0	252
2	Anchovies	37	32	95	202	16	0	382
3	Harpodon Nehereus	63	65	418	25	15	0	586
4	Ribbon fish	20	1328	345	50	0	0	1743
5	Pomfrets	11	525	253	48	3	0	840
6	Penaeid prawns	141	1217	617	254	26	1	2256
7	Non Penaeid prawns	112	3675	3625	952	25	0	8389
8	Others	106	2577	881	536	45	3	4148
TOTAL		526	9543	6311	2067	145	4	18596
GILLNETS:-								
1	Elasmobranchs	14	98	6	36	11	24	189
2	Cat Fishes	14	2	8	10	19	21	74
3	Chirocentrus SPP.	0	60	32	2	5	35	134
4	Hilsa Ilisha	0	153	28	11	7	34	233
5	Seerfishes	0	141	294	8	37	144	624
6	Tuna	0	267	177	1	3	56	504
7	Pomfret	3	82	74	47	51	88	345
8	Black Pomfret	0	19	18	0	0	41	78
9	Others	137	1833	781	285	506	3499	7041
TOTAL		168	2655	1418	400	638	3942	9222

TABLE No. 7.5

DISTRICT & ZONE-WISE PROMINENT VARIETIES OF MARINE FISH PRODUCTION BY BAGNET & GILLNET IN RATNAGIRI DISTRICT 2021-22

(In Tonne)						
Sr .No.	Fishery/Prominent Variety	XVII Burondi	XVIII Dabhol	XIX Mirkarwada	XX Ratnagiri	District Total
1	2	3	4	5	6	7
BAGNETS:-						
1	Sardine	0	0	0	0	0
2	Anchovies	0	0	0	0	0
3	Harpodon Nehereus	0	0	0	0	0
4	Ribbon fish	0	0	0	0	0
5	Pomfrets	0	0	0	0	0
6	Penaeid prawns	0	0	0	0	0
7	Non Penaeid prawns	0	0	0	0	0
8	Others	0	0	0	0	0
TOTAL		0	0	0	0	0
GILLNETS:-						
1	Elasmobranchs	63	0	0	0	63
2	Cat Fishes	52	18	0	0	70
3	Chirocentrus SPP.	28	0	0	0	28
4	Hilsa Ilisha	0	0	0	0	0
5	Seerfishes	45	2	0	0	47
6	Tuna	0	0	0	0	0
7	Pomfret	28	0	0	0	28
8	Black Pomfret	27	0	0	0	27
9	Others	1822	25	14	24	1885
TOTAL		2065	45	14	24	2148
RAMPAN:-						
1	Sardine	0	0	0	0	0
2	Otolithoides Spp.	0	0	0	9	9
3	Ribbon fish	0	0	0	0	0
4	Mackerels	0	0	0	81	81
5	Others	0	0	0	128	128
TOTAL		0	0	0	218	218

TABLE No. 7.6

DISTRICT & ZONE-WISE PROMINENT VARIETIES OF MARINE FISH PRODUCTION BY BAGNET & GILLNET IN SINDHUDURG DISTRICT 2021-22

							(In Tonne)
Sr. No.	Fishery/Prominent Variety	XXI Anandwadi	XXII Davgad	XXIII Makarebag	XXIV Malvan	XXV Vengurla	District Total
1	2	3	4	5	6	7	8
GILLNETS :-							
1	Elasmobranchs	31	0	5	0	0	36
2	Cat fishes	33	8	36	16	10	103
3	Chirocentrus SPP.	0	23	21	0	5	49
4	Hilsa Ilisha	0	0	0	0	5	5
5	Seerfish	297	15	90	56	161	619
6	Tuna	8	0	0	0	2	10
7	Pomfret	18	8	2	4	4	36
8	Black Pomfret	22	7	6	3	4	42
9	Others	622	564	1029	1359	1221	4795
TOTAL		1031	625	1189	1438	1412	5695
RAMPAN :-							
1	Sardine	0	0	0	0	0	0
2	Otolithoides Spp.	0	0	0	0	0	0
3	Ribbon fish	0	0	0	0	0	0
4	Mackerels	0	0	0	0	0	0
5	Others	0	0	0	0	0	0
TOTAL		0	0	0	0	0	0

TABLE No. 8.1

DISTRICT-WISE PER TRIP PARTICULARS OF TRAWLERS BOATS FOR THE YEAR 2021-22

Sr.No.	PARTICULARS	Thane	Mumbai (S)	Mumbai (C)	Raigad	Ratnagiri	Sindhudurg
1	2	3	4	5	6	7	8
1	Hours per trip at port	0	60	23	14	17	13
2	Hours per trip at Sea	0	217	282	11	43	21
3	Actual fishing hours per trip	0	193	239	6	27	15
4	Number of Nets	0	1	1	1	1	1
5	Number Hauls	0	64	41	3	10	7
6	Number of Persons	0	11	12	5	7	7
7	Total Catch (in Kgs)	0	2564	3577	165	301	165
INDICATORS							
A	Per net catch (in kgs)	0	2564	3577	165	301	165
B	Per haul catch (in Kgs)	0	40	87	65	29	22
C	Per person catch (in kg.)	0	228	308	33	42	23
D	Per hours catch (in Kgs.)	0	12	13	15	7	8
Total number of estimated trips		0	8274	30133	38118	97895	26332

TABLE No. 8.2

DISTRICT-WISE PER TRIP PARTICULARS OF MECHANISED BAGNETS 2021-22

Sr.No.	Particulars	Thane	Mumbai (S)	Mumbai (C)	Raigad	Ratnagiri	Sindhudurg
1	2	3	4	5	6	7	8
1	Hours per trip at port	39	23	16	14	0	0
2	Hours per trip at Sea	47	25	12	13	0	0
3	Actual fishing hours per trip	27	22	7	9	0	0
4	Number of Nets used	11	9	6	3	0	0
5	Number of Hauls	109	34	8	7	0	0
6	Number of Persons	9	6	4	5	0	0
7	Total catch per trip (in Kg.)	569	524	228	238	0	0
INDICATORS							
A	Per netcatch (in Kg)	52	59	40	73	0	0
B	Per haul catch (in Kg.)	5	16	30	34	0	0
C	Per person catch (in Kg.)	64	89	60	50	0	0
D	Per hour catch (in kg.)	12	21	19	18	0	0
Total number of estimated trips		84695	74553	49831	77309	0	0

TABLE No. 8.3

DISTRICT-WISE PER TRIP PARTICULARS OF MECHANISED GILLNET BOAT 2021-22

Sr.No.	Particulars	Thane	Mumbai (S)	Mumbai (C)	Raigad	Ratnagiri	Sindhudurg
1	2	3	4	5	6	7	8
1	Hours per trip at port	24	15	18	17	20	24
2	Hours per trip at Sea	101	9	17	14	6	5
3	Actual fishing hours per trip	82	7	12	9	5	4
4	Number of Nets	94	6	28	20	15	11
5	Number of Hauls	335	6	64	47	16	12
6	Number of Persons	57	4	4	4	3	3
7	Total catch per trip (in Kg.)	625	123	119	79	56	42
INDICATORS							
A	Per net catch (in Kg)	7	21	4	4	4	4
B	Per haul catch (in Kg.)	2	21	2	2	4	4
C	Per person catch (in Kg.)	11	31	29	18	17	13
D	Per hour catch (in kg)	6	13	7	6	9	8
Total number of estimated trips		16248	11604	32048	115789	45737	130247

TABLE No. 8.4

DISTRICT-WISE PER TRIP PARTICULARS OF MECHANISED PURSESEINE BOAT 2021-22

Sr. No.	Particulars	Thane	Mumbai (S)	Mumbai (C)	Raigad	Ratnagiri	Sindhudurg
1	2	3	4	5	6	7	8
1	Hours per trip at port	0	0	77	19	17	0
2	Hours per trip at Sea	0	0	139	162	49	0
3	Actual fishing hours per trip	0	0	96	103	31	0
4	Number of Nets	0	0	1	1	1	0
5	Number of Hauls	0	0	5	8	5	0
6	Number of Persons	0	0	13	17	24	0
7	Total catch per trip (in Kg.)	0	0	2473	2162	2156	0
INDICATORS							
A	Per net catch (in Kg)	0	0	2473	2162	2156	0
B	Per haul catch (in Kg.)	0	0	460	275	452	0
C	Per person catch (in Kg.)	0	0	196	124	88	0
D	Per hour catch (in kg)	0	0	18	13	44	0
Total number of estimated trips		0	0	13927	2681	31944	0

TABLE No. 8.5

DISTRICT-WISE PER TRIP PARTICULARS OF NON-MECHANISED BAGNET BOAT 2021-22

Sr. No.	Particulars	Thane	Mumbai (S)	Mumbai (C)	Raigad	Ratnagiri	Sindhudurg
1	2	3	4	5	6	7	8
1	Hours per trip at port	21	16	15	12	0	0
2	Hours per trip at Sea	3	5	10	12	0	0
3	Actual fishing hours per trip	2	3	7	9	0	0
4	Number of Nets	2	3	26	3	0	0
5	Number of Hauls	2	3	26	3	0	0
6	Number of Persons	2	2	3	3	0	0
7	Total catch per trip (in Kg.)	8	21	31	16	0	0
INDICATORS							
A	Per net catch (in Kg)	5	7	1	6	0	0
B	Per haul catch (in Kg.)	5	7	1	5	0	0
C	Per person catch (in Kg.)	5	11	9	6	0	0
D	Per hour catch (in kg)	3	5	3	1	0	0
Total number of estimated trips		9672	2401	783	10961	0	0

TABLE No. 8.6

DISTRICT-WISE PER TRIP PARTICULARS OF NON-MECHANISED GILLNET BOAT 2021-22

Sr. No.	Particulars	Thane	Mumbai (S)	Mumbai (C)	Raigad	Ratnagiri	Sindhudurg
1	2	3	4	5	6	7	8
1	Hours per trip at port	0	20	15	20	31	24
2	Hours per trip at Sea	0	4	11	4	5	5
3	Actual fishing hours per trip	0	3	8	3	4	2
4	Number of Nets	0	4	28	4	6	10
5	Number of Hauls	0	7	28	4	10	10
6	Number of Persons	0	2	3	2	2	2
7	Total catch per trip (in Kg.)	0	8	27	15	10	17
INDICATORS							
A	Per net catch (in Kg)	0	2	1	4	2	2
B	Per haul catch (in Kg.)	0	1	1	4	1	2
C	Per person catch (in Kg.)	0	4	8	8	5	7
D	Per hour catch (in kg)	0	2	2	4	2	4
Total number of estimated trips		0	1322	710	1288	1944	16614

TABLE No. 9.0

**YEAR & VARIETY-WISE PERCENTAGE SHARE IN TOTAL VALUATION
OF MARINE FISH PRODUCTION IN MAHARASHTRA STATE.**

Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	1.9	1.5	1.5	1.0	0.9
2	Eels	0.9	0.9	1.1	2.7	0.8
3	Catfishes	1.6	1.6	1.3	1.8	0.9
4	Chirocentrus SPP.	0.8	0.7	0.7	0.6	0.4
5	Sardine	1.4	0.6	0.9	1.0	1.7
6	Hilsa Ilisha	0.5	1.4	1.3	1.1	1.0
7	Anchovies	1.5	1.8	2.4	3.3	1.4
8	Thrissocles	1.2	1.0	0.7	0.6	0.2
9	Other Clupieds	0.0	0.0	0.0	0.1	0.0
10	Harpadon Nehereus	3.9	4.7	4.3	3.6	5.2
11	Perches	0.1	1.0	0.3	0.2	0.0
12	Redsnapper	0.2	0.1	0.1	0.3	0.1
13	Polynemidae	0.6	1.0	2.4	1.5	0.8
14	Sciaenids	2.0	2.1	4.2	3.5	1.7
15	Otolithoides species	2.0	2.8	4.4	3.9	3.4
16	Trichiuridae (Ribbonfishes)	3.4	3.0	3.4	3.5	1.7
17	Caranx	0.6	1.1	1.1	1.5	0.5
18	Pomfrets	20.7	16.0	16.9	13.7	16.3
19	Black Pomfret	1.3	0.7	1.6	2.7	1.6
20	Mackerels	7.5	6.1	4.4	5.8	14.6
21	Seerfishes	7.7	7.3	7.0	7.8	7.7
22	Tunnies	1.4	1.5	2.4	1.8	2.7
23	Bregmaceros Mcclellandi	0.0	0.0	0.0	0.0	0.0
24	Soles	0.5	0.7	0.9	0.8	0.2
25	Sphyraena Spp. (Barracuda)	0.6	0.8	1.0	0.4	0.2
26	Leiognathus	0.1	0.1	0.4	0.2	0.1
27	Upeneus Spp.	1.8	1.9	1.0	0.6	0.7
28	Penaeid Prawns	17.4	16.6	15.2	20.7	21.5
29	Non-Penaeids Prawns	6.2	6.6	4.8	3.5	3.0
30	Natantion Decapods (Lobsters)	1.5	1.1	1.8	0.5	0.6
31	Lactarius	0.4	0.6	0.6	0.5	0.2
32	Loligo duvauceli (Cephalopoda)	6.2	8.6	8.8	7.5	6.4
33	Miscellaneous	4.0	5.9	2.8	3.2	3.4
Total Value (` In Crores)		6,288.44	6,297.75	6,751.19	6,006.48	6,654.66
%		(100.0)	(100.0)	(100.0)	(100.0)	(100.0)

TABLE No. 9.1

**YEAR & VARIETY-WISE PERCENTAGE SHARE IN TOTAL VALUATION
OF MARINE FISH PRODUCTION IN THANE DISTRICT.**

Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	4.0	3.2	1.7	1.8	3.0
2	Eels	1.5	1.4	1.0	5.7	1.3
3	Catfishes	1.6	1.3	1.2	1.0	0.7
4	Chirocentrus SPP.	1.9	1.6	1.4	1.5	1.1
5	Sardine	0.0	0.0	0.0	0.0	0.0
6	Hilsa Ilisha	0.8	2.6	3.0	3.5	1.9
7	Anchovies	1.3	3.0	3.3	4.5	2.6
8	Thrissocles	2.6	2.8	1.7	1.6	0.7
9	Other Clupieds	0.0	0.0	0.0	0.1	0.0
10	Harpadon Nehereus	7.5	7.7	7.4	7.3	6.6
11	Perches	0.0	0.0	0.2	0.0	0.0
12	Redsnapper	0.0	0.0	0.0	0.5	0.2
13	Polynemidae	1.1	1.7	6.3	2.6	1.1
14	Sciaenids	3.6	3.3	5.6	5.7	0.7
15	Otolithoides species	0.1	0.2	0.4	0.2	0.2
16	Trichiuridae (Ribbonfishes)	1.0	0.9	0.7	1.2	0.5
17	Caranx	0.0	0.0	0.0	0.0	0.0
18	Pomfrets	48.5	40.0	42.3	36.8	47.9
19	Black Pomfret	0.9	0.2	0.6	2.3	3.7
20	Mackerels	0.4	0.9	0.7	1.2	0.7
21	Seerfishes	7.0	9.4	7.4	8.7	7.9
22	Tunnies	0.0	0.0	0.1	0.3	0.0
23	Bregmaceros Mcclellandi	0.0	0.0	0.0	0.0	0.0
24	Soles	0.0	0.0	0.0	0.0	0.0
25	Sphyaena Spp. (Barracuda)	0.0	0.0	0.0	0.0	0.0
26	Leiognathus	0.0	0.1	0.2	0.1	0.1
27	Upeneus Spp.	0.1	0.1	0.1	0.0	0.1
28	Penaeid Prawns	8.7	11.4	7.8	6.2	10.2
29	Non-Penaeids Prawns	5.4	5.3	4.7	3.8	6.5
30	Natantion Decapods (Lobsters)	1.0	0.2	0.3	1.0	0.1
31	Lactarius	0.0	0.0	0.0	0.0	0.0
32	Loligo duvauceli (Cephalopoda)	0.3	1.3	1.1	0.5	0.5
33	Miscellaneous	0.5	1.6	1.1	1.6	1.5
Total Value (` In Crores)		2,275.92	1,977.23	1,930.79	1,381.99	1,034.02
%		(100.0)	(100.0)	(100.0)	(100.0)	(100.0)

TABLE No. 9.2

**YEAR & VARIETY-WISE PERCENTAGE SHARE IN TOTAL VALUATION
OF MARINE FISH PRODUCTION IN MUMBAI SUBURBAN.**

Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	0.5	0.7	3.1	0.9	0.6
2	Eels	0.4	0.5	0.8	1.0	2.0
3	Catfishes	1.4	0.9	0.7	0.5	0.8
4	Chirocentrus SPP.	0.0	0.1	0.1	0.1	0.2
5	Sardine	0.1	0.1	0.7	0.9	0.1
6	Hilsa Ilisha	0.0	0.4	0.1	0.0	2.2
7	Anchovies	2.6	3.5	5.0	9.3	2.3
8	Thrissoles	0.5	0.7	0.8	0.5	0.2
9	Other Clupieds	0.1	0.0	0.1	0.0	0.0
10	Harpadon Nehereus	5.0	6.9	6.2	6.5	11.8
11	Perches	1.1	0.0	1.3	0.1	0.0
12	Redsnapper	0.3	0.0	0.0	0.0	0.0
13	Polynemidae	0.2	0.5	0.1	0.3	2.6
14	Sciaenids	1.6	1.9	4.0	3.0	4.4
15	Otolithoides species	3.3	3.1	4.9	7.1	0.9
16	Trichiuridae (Ribbonfishes)	5.3	6.8	7.5	7.0	1.4
17	Caranx	0.1	0.2	0.2	0.0	0.2
18	Pomfrets	3.8	3.1	3.9	4.0	29.7
19	Black Pomfret	1.2	0.6	0.6	0.5	0.5
20	Mackerels	0.7	1.2	0.5	0.4	1.1
21	Seerfishes	0.6	0.9	0.7	0.9	4.3
22	Tunnies	0.1	0.2	0.1	0.1	0.4
23	Bregmaceros Mcclellandi	0.0	0.0	0.0	0.0	0.0
24	Soles	0.4	1.4	2.5	2.3	0.1
25	Sphyræna Spp. (Barracuda)	0.1	0.2	0.8	0.3	0.0
26	Leiognathus	0.0	0.0	0.0	0.0	0.0
27	Upeneus Spp.	4.3	2.1	0.9	0.7	0.4
28	Penaeid Prawns	35.4	25.9	22.8	31.2	25.7
29	Non-Penaeids Prawns	17.5	28.2	10.1	9.6	5.1
30	Natantion Decapods (Lobsters)	4.3	0.5	9.2	0.2	0.4
31	Lactarius	0.1	0.2	0.2	0.2	0.0
32	Loligo duvauceli (Cephalopoda)	5.7	5.7	9.6	10.0	0.8
33	Miscellaneous	3.4	3.5	2.3	2.5	1.6
Total Value (` In Crores)		715.68	597.19	946.94	851.80	1,090.22
%		(100.0)	(100.0)	(100.0)	(100.0)	(100.0)

TABLE No. 9.3

**YEAR & VARIETY-WISE PERCENTAGE SHARE IN TOTAL VALUATION
OF MARINE FISH PRODUCTION IN MUMBAI CITY.**

Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	0.9	1.1	1.5	0.9	0.6
2	Eels	0.6	1.0	2.0	2.2	0.5
3	Catfishes	2.2	3.1	2.4	4.1	1.7
4	Chirocentrus SPP.	0.2	0.2	0.5	0.1	0.3
5	Sardine	0.5	0.4	0.3	0.5	0.3
6	Hilsa Ilisha	0.1	0.9	0.3	0.3	0.7
7	Anchovies	2.0	1.2	1.4	1.7	1.1
8	Thrissoles	0.3	0.3	0.1	0.2	0.2
9	Other Clupieds	0.0	0.0	0.0	0.0	0.0
10	Harpadon Nehereus	2.0	4.5	3.7	2.6	6.0
11	Perches	0.1	0.1	0.1	0.2	0.0
12	Redsnapper	0.1	0.2	0.2	0.4	0.0
13	Polynemidae	0.4	0.8	1.6	1.3	0.1
14	Sciaenids	1.6	2.6	6.4	5.6	2.1
15	Otolithoides species	4.2	6.3	9.2	7.2	7.6
16	Trichiuridae (Ribbonfishes)	3.5	4.1	3.3	4.3	1.9
17	Caranx	1.7	2.5	3.4	4.7	1.1
18	Pomfrets	2.1	3.4	3.9	5.6	3.6
19	Black Pomfret	1.8	0.9	1.6	3.0	1.8
20	Mackerels	11.3	5.1	5.6	7.3	12.6
21	Seerfishes	8.1	3.8	5.5	4.7	8.6
22	Tunnies	3.1	1.9	2.2	2.4	3.4
23	Bregmaceros McClellandi	0.0	0.0	0.0	0.0	0.0
24	Soles	0.1	0.2	0.3	0.6	0.1
25	Sphyræna Spp. (Barracuda)	2.1	2.3	2.4	0.9	0.5
26	Leiognathus	0.0	0.2	0.2	0.1	0.0
27	Upeneus Spp.	4.2	5.4	2.5	1.1	1.4
28	Penaeid Prawns	23.4	18.4	18.0	22.0	28.2
29	Non-Penaeids Prawns	0.8	1.0	1.0	0.8	1.6
30	Natantion Decapods (Lobsters)	1.6	0.9	1.2	0.8	0.9
31	Lactarius	0.3	0.4	0.7	0.6	0.2
32	Loligo duvauceli (Cephalopoda)	15.8	18.3	14.9	9.6	9.2
33	Miscellaneous	4.8	8.4	3.5	4.3	3.7
Total Value (` In Crores)		1,610.42	1,808.81	2,084.98	1,872.29	2,416.41
%		(100.0)	(100.0)	(100.0)	(100.0)	(100.0)

TABLE No. 9.4
YEAR & VARIETY-WISE PERCENTAGE SHARE IN TOTAL VALUATION
OF MARINE FISH PRODUCTION OF RAIGAD DISTRICT.

Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	0.7	0.3	0.5	1.1	0.5
2	Eels	0.3	0.1	0.0	0.0	0.0
3	Catfishes	0.8	0.8	0.8	0.4	0.2
4	Chirocentrus SPP.	0.4	1.0	0.4	1.0	0.4
5	Sardine	4.0	2.1	3.3	2.2	12.9
6	Hilsa Ilisha	0.9	1.2	2.8	1.6	1.4
7	Anchovies	1.3	1.0	1.6	2.7	1.3
8	Thrissocles	1.3	0.1	0.1	0.3	0.1
9	Other Clupieds	0.0	0.0	0.0	0.0	0.0
10	Harpadon Nehereus	0.4	2.8	1.0	1.2	0.5
11	Perches	0.0	0.0	0.0	0.3	0.1
12	Redsnapper	1.0	0.2	0.0	0.0	0.0
13	Polynemidae	0.3	1.5	0.4	3.9	1.2
14	Sciaenids	1.1	0.8	0.4	0.2	0.0
15	Otolithoides species	2.0	1.5	1.8	1.7	1.9
16	Trichiuridae (Ribbonfishes)	1.6	3.8	3.1	2.2	2.3
17	Caranx	1.4	0.8	0.1	0.0	0.2
18	Pomfrets	9.3	7.4	9.2	12.0	16.4
19	Black Pomfret	1.6	1.3	4.5	2.4	0.8
20	Mackerels	8.7	4.8	6.8	3.1	8.9
21	Seerfishes	10.6	9.2	8.0	18.1	8.3
22	Tunnies	0.7	2.0	2.6	2.7	1.4
23	Bregmaceros Mcclellandi	0.1	0.0	0.0	0.0	0.3
24	Soles	0.2	0.1	0.2	0.3	0.3
25	Sphyræna Spp. (Barracuda)	0.0	0.0	0.0	0.0	0.0
26	Leiognathus	0.0	0.0	1.7	0.2	0.2
27	Upeneus Spp.	0.0	0.0	0.2	0.0	0.2
28	Penaeid Prawns	24.6	26.0	19.6	28.3	23.6
29	Non-Penaeids Prawns	19.2	17.1	22.6	7.8	5.6
30	Natantion Decapods (Lobsters)	0.6	6.1	0.6	0.1	2.2
31	Lactarius	0.1	0.1	0.3	0.3	0.2
32	Loligo duvauceli (Cephalopoda)	0.4	1.1	3.1	2.0	2.5
33	Miscellaneous	6.2	7.0	4.1	3.8	6.0
Total Value (` In Crores)		649.08	710.60	515.71	688.05	649.54
%		(100.0)	(100.0)	(100.0)	(100.0)	(100.0)

TABLE No. 9.5

**YEAR & VARIETY-WISE PERCENTAGE SHARE IN TOTAL VALUATION
OF MARINE FISH PRODUCTION OF RATNAGIRI DISTRICT.**

Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	0.5	0.4	0.5	0.2	0.1
2	Eels	0.1	0.3	0.2	0.0	0.1
3	Catfishes	0.6	0.2	0.2	0.9	0.1
4	Chirocentrus SPP.	0.3	0.4	0.8	0.4	0.2
5	Sardine	5.2	0.5	1.9	1.6	1.4
6	Hilsa Ilisha	0.3	1.1	0.7	0.1	0.0
7	Anchovies	0.6	0.6	1.3	0.5	0.4
8	Thrissoles	0.0	0.0	0.7	0.4	0.1
9	Other Clupieds	0.1	0.0	0.1	0.2	0.0
10	Harpadon Nehereus	0.2	0.1	0.5	0.1	0.0
11	Perches	0.0	6.7	0.2	0.2	0.1
12	Redsnapper	0.3	0.1	0.0	0.1	0.1
13	Polynemidae	0.1	0.1	0.2	0.2	0.2
14	Sciaenids	0.0	0.0	0.0	0.0	0.1
15	Otolithoides species	1.7	1.5	3.3	1.5	1.0
16	Trichiuridae (Ribbonfishes)	9.7	2.4	5.5	3.8	2.2
17	Caranx	0.0	2.1	0.2	0.0	0.0
18	Pomfrets	6.1	2.8	8.9	7.8	4.1
19	Black Pomfret	1.2	1.0	3.0	2.5	0.7
20	Mackerels	24.1	21.3	8.0	13.7	43.0
21	Seerfishes	8.1	6.8	7.0	7.7	6.8
22	Tunnies	4.3	4.9	11.3	4.4	6.3
23	Bregmaceros Mcclellandi	0.0	0.0	0.0	0.0	0.0
24	Soles	1.8	2.6	2.5	1.0	0.4
25	Sphyræna Spp. (Barracuda)	0.0	0.2	0.6	0.3	0.1
26	Leiognathus	0.5	0.2	0.8	0.4	0.1
27	Upeneus Spp.	1.2	1.0	0.7	0.7	0.3
28	Penaeid Prawns	9.1	14.9	18.2	29.6	14.5
29	Non-Penaeids Prawns	1.0	0.4	0.1	0.6	0.0
30	Natantion Decapods (Lobsters)	1.0	0.2	0.2	0.1	0.0
31	Lactarius	1.6	1.3	1.9	0.9	0.3
32	Loligo duvauceli (Cephalopoda)	9.5	14.8	15.9	16.5	12.7
33	Miscellaneous	10.9	11.0	4.7	3.7	4.3
Total Value (` In Crores)		773.17	898.38	890.66	924.28	1,309.84
%		(100.0)	(100.0)	(100.0)	(100.0)	(100.0)

TABLE No. 9.6

**YEAR & VARIETY-WISE PERCENTAGE SHARE IN TOTAL VALUATION
OF MARINE FISH PRODUCTION OF SINDHUDURG DISTRICT.**

Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	1.1	0.7	0.5	0.3	0.4
2	Eels	2.1	1.2	1.0	11.3	2.4
3	Catfishes	2.7	2.0	1.5	1.5	1.0
4	Chirocentrus SPP.	0.3	0.2	0.4	0.6	0.4
5	Sardine	4.5	3.1	4.0	4.5	2.5
6	Hilsa Ilisha	0.3	0.0	1.1	0.8	0.2
7	Anchovies	0.0	0.0	0.0	0.0	0.0
8	Thrissocles	0.1	0.0	0.0	0.0	0.0
9	Other Clupieds	0.2	0.1	0.0	0.0	0.2
10	Harpadon Nehereus	0.4	0.4	0.2	0.0	0.7
11	Perches	0.0	0.0	0.0	0.0	0.0
12	Redsnapper	0.3	0.5	0.1	0.5	0.8
13	Polynemidae	0.0	0.0	0.0	0.0	0.1
14	Sciaenids	0.2	1.4	0.6	0.9	1.7
15	Otolithoides species	3.4	3.9	3.9	4.3	4.5
16	Trichiuridae (Ribbonfishes)	4.1	1.6	2.1	1.7	1.4
17	Caranx	0.5	0.2	0.1	0.8	0.1
18	Pomfrets	10.8	19.7	21.4	8.3	11.5
19	Black Pomfret	1.6	1.3	2.8	9.8	3.5
20	Mackerels	11.5	13.9	15.1	15.3	16.3
21	Seerfishes	22.6	24.5	28.0	19.6	22.9
22	Tunnies	0.1	0.0	0.1	0.4	0.1
23	Bregmaceros Mcclellandi	0.1	0.1	0.1	0.2	0.0
24	Soles	2.9	2.8	2.3	2.4	1.7
25	Sphyræna Spp. (Barracuda)	0.4	1.2	0.4	0.2	0.1
26	Leiognathus	0.7	0.8	0.6	1.5	1.0
27	Upeneus Spp.	0.3	0.1	0.0	0.0	0.6
28	Penaeid Prawns	14.2	5.6	5.4	5.4	10.7
29	Non-Penaeids Prawns	0.1	0.0	0.0	0.0	0.0
30	Natantion Decapods (Lobsters)	0.3	0.7	0.1	0.1	0.1
31	Lactarius	3.4	5.3	1.9	3.0	4.1
32	Loligo duvauceli (Cephalopoda)	4.2	3.6	3.4	3.6	4.5
33	Miscellaneous	6.3	5.2	2.8	2.8	6.3
Total Value (` In Crores)		264.16	305.53	382.40	288.07	154.59
%		(100.0)	(100.0)	(100.0)	(100.0)	(100.0)

TABLE No. 10.0
AVERAGE PRICE OF MARINE FISH VARIETIES IN MAHARASHTRA STATE.

(Price in per Tonne)						
Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	104454	118587	124988	120274	128113
2	Eels	214527	305068	367981	302793	276245
3	Catfishes	95834	95812	102008	103415	110778
4	Chirocentrus SPP.	97657	115395	118507	133449	158942
5	Sardine	46005	46954	57527	55177	120346
6	Hilsa Ilisha	197351	222863	298028	319240	266191
7	Anchovies	48577	51234	59003	62970	51835
8	Thrissocles	84324	89799	92248	76407	55246
9	Other Clupieds	38683	39464	52614	52767	41401
10	Harpadon Nehereus	66954	84917	88392	80332	72090
11	Perches	174826	202620	386465	389916	380952
12	Redsnapper	234639	250226	318575	289871	273842
13	Polynemidae	424567	500854	513339	524070	374032
14	Sciaenids	366321	458647	540099	555131	385511
15	Otolithoides species	55973	68436	72919	70712	73365
16	Trichiuridae (Ribbonfishes)	78510	81954	84263	77645	75103
17	Caranx	63043	56981	69262	77196	78812
18	Pomfrets	691267	671450	633035	588235	629587
19	Black Pomfret	398946	428761	478313	498778	422575
20	Mackerels	93841	120665	137790	125405	121715
21	Seerfishes	378554	426161	450649	418748	472298
22	Tunnies	93975	111806	118444	105332	116420
23	Bregmaceros Mcclellandi	40756	48686	51557	53833	60000
24	Soles	45836	55698	73953	73907	49972
25	Sphyræna Spp. (Barracuda)	122521	125967	130983	123527	122398
26	Leiognathus	87843	58777	78973	70442	67965
27	Upeneus Spp.	45607	51438	61619	73782	67941
28	Penaeid Prawns	236925	224317	236885	275061	253451
29	Non-Penaeids Prawns	66222	64947	66095	62041	49568
30	Natantion Decapods (Lobsters)	1113180	900177	1079344	991498	1089968
31	Lactarius	82298	106584	117620	132157	105712
32	Loligo duvauceli (Cephalopoda)	175646	198433	185782	177252	200896
33	Miscellaneous	67944	71897	64407	62010	84940

TABLE No. 10.1

AVERAGE PRICE OF MARINE FISH VARIETIES IN THANE DISTRICT.

(Price in per Tonne)

Sr.No	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	101019	116048	118753	117749	135062
2	Eels	251563	280895	268116	270537	273387
3	Catfishes	86257	83678	88860	99474	108326
4	Chirocentrus SPP.	97798	115092	121431	126714	186148
5	Sardine	50000	52500	63333	65000	48684
6	Hilsa Ilisha	252861	226585	335049	370360	326930
7	Anchovies	54535	62087	69481	70314	44478
8	Thrissocles	90902	96381	99906	92129	60580
9	Other Clupieds	49930	70000	75000	50000	70000
10	Harpadon Nehereus	66287	88766	90792	83753	71955
11	Perches	210000	0	225447	230000	283333
12	Redsnapper	350000	0	200000	250000	300000
13	Polynemidae	467193	510637	540532	542561	562637
14	Sciaenids	386085	460556	469339	475962	353687
15	Otolithoides species	65333	58952	57947	57996	60370
16	Trichiuridae (Ribbonfishes)	72171	73877	75913	69480	44459
17	Caranx	70000	0	50000	68953	80000
18	Pomfrets	698403	677865	641525	583057	557401
19	Black Pomfret	417585	416786	472581	473503	441601
20	Mackerels	127861	117266	120660	100000	113426
21	Seerfishes	378490	423992	428947	438681	490474
22	Tunnies	75417	75000	113280	117400	114103
23	Bregmaceros Mcclellandi	0	0	0	0	0
24	Soles	49330	41197	51848	42292	29756
25	Sphyræna Spp. (Barracuda)	70000	0	0	0	0
26	Leiognathus	0	60000	60196	66228	116230
27	Upeneus Spp.	70387	54253	59690	80000	70000
28	Penaeid Prawns	255019	233989	262066	233559	232375
29	Non-Penaeids Prawns	67300	74635	73492	66972	42162
30	Natantion Decapods (Lobsters)	1105694	867021	976667	950000	1150000
31	Lactarius	0	0	0	120000	105000
32	Loligo duvauceli (Cephalopoda)	157906	136569	140461	141207	115908
33	Miscellaneous	54748	89525	86008	101475	101693

TABLE No. 10. 2**AVERAGE PRICE OF MARINE FISH VARIETIES IN MUMBAI SUBURBAN DISTRICT.**

(Price in per Tonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	94766	119090	127663	123106	138687
2	Eels	212980	371600	444364	302627	295073
3	Catfishes	98125	103899	107118	106479	98676
4	Chirocentrus SPP.	85185	108810	122170	123028	150242
5	Sardine	43854	52353	53922	72484	61524
6	Hilsa Ilisha	135714	272680	291875	171471	238690
7	Anchovies	52944	45757	57230	64713	58279
8	Thrissoles	58463	84468	85693	87745	62751
9	Other Clupieds	40000	50000	71667	66429	25625
10	Harpadon Nehereus	62025	78575	91949	81631	87728
11	Perches	174834	312500	481786	373684	300000
12	Redsnapper	349455	0	318571	300000	258000
13	Polynemidae	439167	519375	523478	433661	297817
14	Sciaenids	320124	413098	467129	492443	337751
15	Otolithoides species	69613	63795	70334	70423	61594
16	Trichiuridae (Ribbonfishes)	65231	85562	81696	70809	64266
17	Caranx	69333	76099	65475	65000	66382
18	Pomfrets	324976	497899	559040	536571	654561
19	Black Pomfret	381644	415872	428295	441368	371688
20	Mackerels	117677	149028	161835	111004	145755
21	Seerfishes	415139	335889	521185	271592	382350
22	Tunnies	89257	97351	110649	88041	102982
23	Bregmaceros McClellandi	0	0	0	0	0
24	Soles	58869	83268	110589	87958	56842
25	Sphyræna Spp. (Barracuda)	87755	131932	142956	101280	109091
26	Leiognathus	60326	0	63438	45000	30000
27	Upeneus Spp.	42828	50404	57988	74227	54224
28	Penaeid Prawns	256643	232427	220967	232619	238796
29	Non-Penaeids Prawns	65304	60452	59916	59778	64078
30	Natantion Decapods (Lobsters)	1148713	965714	1098065	1113333	1177143
31	Lactarius	75932	103152	126638	100365	100000
32	Loligo duvauceli (Cephalopoda)	141195	201520	219553	202246	149380
33	Miscellaneous	91508	74514	69220	62651	66452

TABLE No. 10. 3

AVERAGE PRICE OF MARINE FISH VARIETIES IN MUMBAI CITY DISTRICT.

(Price in per Tonne)

Sr.No.	Variety	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	109103	124555	125754	120677	115394
2	Eels	141352	372224	452947	446674	250864
3	Catfishes	108064	104167	107471	104244	115056
4	Chirocentrus SPP.	106215	114375	122157	119156	152456
5	Sardine	52494	59612	62553	59604	52652
6	Hilsa Ilisha	83584	160569	137037	174225	248108
7	Anchovies	39772	36929	40875	45565	58463
8	Thrissocles	47250	55926	46027	47309	61572
9	Other Clupieds	31667	30246	50000	0	70000
10	Harpadon Nehereus	76594	91069	81375	71579	62908
11	Perches	173103	352500	554815	517901	283333
12	Redsnapper	160556	265130	339755	340310	326667
13	Polynemidae	3151060	443557	441993	444280	530758
14	Sciaenids	344037	452690	646195	670476	454716
15	Otolithoides species	48320	69246	69720	70836	74885
16	Trichiuridae (Ribbonfishes)	68734	86912	78707	82949	85502
17	Caranx	60150	50190	69222	77161	80640
18	Pomfrets	534968	564051	554645	527330	769193
19	Black Pomfret	393762	417084	448425	458884	412583
20	Mackerels	102955	152587	159571	152359	151100
21	Seerfishes	351347	321960	372379	326026	497170
22	Tunnies	93601	108499	101430	107194	103701
23	Bregmaceros Mcclellandi	43462	76250	77500	80000	60000
24	Soles	60207	87385	109401	105030	62197
25	Sphyræna Spp. (Barracuda)	126882	131030	139373	132948	132019
26	Leiognathus	53534	59410	55813	65581	70000
27	Upeneus Spp.	45329	51425	61455	68521	70155
28	Penaeid Prawns	213512	207252	223003	259731	307926
29	Non-Penaeids Prawns	50839	51274	60022	52345	57685
30	Natantion Decapods (Lobsters)	1125787	917582	1079871	1026549	1135584
31	Lactarius	76515	103727	122620	121197	102019
32	Loligo duvauceli (Cephalopoda)	188193	232129	195292	199213	217924
33	Miscellaneous	71127	75900	81232	72356	90092

TABLE No. 10. 4
AVERAGE PRICE OF MARINE FISH VARIETIES IN RAIGAD DISTRICT.

		(Price in per Tonne)				
Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	106749	97083	121137	124101	114291
2	Eels	220068	210714	325000	0	270000
3	Catfishes	93607	75722	87266	85826	95907
4	Chirocentrus SPP.	104176	126783	178224	155993	138172
5	Sardine	49349	416255	47823	54374	720481
6	Hilsa Ilisha	186433	280897	308529	282286	280512
7	Anchovies	58200	50444	77021	73923	43284
8	Thrissocles	96073	72984	57404	62137	34753
9	Other Clupieds	35833	0	0	0	27500
10	Harpadon Nehereus	79423	58411	81636	89365	51047
11	Perches	182500	300000	350000	350000	391304
12	Redsnapper	243969	204615	300000	310000	0
13	Polynemidae	443163	575519	590000	612345	557762
14	Sciaenids	326898	712963	557439	539000	300000
15	Otolithoides species	72238	65024	75615	71863	70084
16	Trichiuridae (Ribbonfishes)	79174	69033	80191	79935	55921
17	Caranx	72506	89054	72722	80000	69207
18	Pomfrets	1035600	767038	698787	610836	876619
19	Black Pomfret	395481	518075	547759	548559	430714
20	Mackerels	110459	97727	121640	107620	116888
21	Seerfishes	379851	609243	433927	444832	481434
22	Tunnies	102777	89320	115678	121563	92440
23	Bregmaceros Mcclellandi	40129	0	0	0	60000
24	Soles	46368	40684	59385	53609	46466
25	Sphyraena Spp. (Barracuda)	50000	100000	115000	0	0
26	Leiognathus	42500	150000	155696	159024	71285
27	Upeneus Spp.	59057	71136	100000	73333	61190
28	Penaeid Prawns	242404	233927	267078	387451	224108
29	Non-Penaeids Prawns	67258	67021	67790	70766	42441
30	Natantion Decapods (Lobsters)	1119118	899064	981034	955556	1000178
31	Lactarius	94576	143152	154716	156654	85676
32	Loligo duvauceli(Cephalopoda)	133180	152951	158496	155398	139030
33	Miscellaneous	86279	63060	78696	75472	86674

TABLE No. 10.5
AVERAGE PRICE OF MARINE FISH VARIETIES IN RATNAGIRI DISTRICT.

		(Price in per Tonne)				
Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	159040	124460	130949	121783	117589
2	Eels	191545	247215	233714	0	278788
3	Catfishes	88162	70612	94177	101598	111207
4	Chirocentrus SPP.	96076	104755	95452	169931	135303
5	Sardine	43967	51564	65747	46577	30606
6	Hilsa Ilisha	127081	327778	275436	265500	254839
7	Anchovies	61504	63634	79264	69724	56369
8	Thrissoles	71579	105000	109691	57723	38883
9	Other Clupieds	34091	0	42586	55000	35948
10	Harpadon Nehereus	75444	116456	112486	105217	69596
11	Perches	0	200000	244615	323256	400000
12	Redsnapper	200450	245426	279167	245185	263210
13	Polynemidae	382941	442000	309792	454545	394634
14	Sciaenids	0	560000	0	550000	407647
15	Otolithoides species	67532	72400	105008	70203	69172
16	Trichiuridae (Ribbonfishes)	98583	88218	100348	80447	93529
17	Caranx	65000	71004	73404	80000	80000
18	Pomfrets	725922	408069	496264	694331	620046
19	Black Pomfret	389901	405750	458055	546823	383292
20	Mackerels	81664	114115	116859	113855	110506
21	Seerfishes	405245	395264	472452	475452	467994
22	Tunnies	93552	126038	128998	96334	138061
23	Bregmaceros McClellandi	43111	0	45000	0	0
24	Soles	40168	47483	59695	52307	57150
25	Sphyræna Spp. (Barracuda)	53561	84792	79433	101439	73505
26	Leiognathus	50801	72380	77394	77254	77186
27	Upeneus Spp.	53536	52950	66078	93806	63204
28	Penaeid Prawns	234148	230076	250346	308785	180267
29	Non-Penaeids Prawns	85139	62689	70786	35000	0
30	Natantion Decapods (Lobsters)	977160	839583	835714	950000	1170000
31	Lactarius	91798	91816	104331	147961	107408
32	Loligo duvauceli(Cephalopoda)	173302	165067	166359	149987	199567
33	Miscellaneous	56809	65892	38140	34555	80251

TABLE No. 10.6
AVERAGE PRICES OF MARINE FISH VARIETIES OF SINDHUDURG DISTRICT.

		(Price in ` per Tonne)				
Sr.No.	Variety	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	Elasmobranchs	213593	193894	206223	129015	137143
2	Eels	228117	259338	289921	271712	264894
3	Catfishes	102376	111817	135058	117459	111825
4	Chirocentrus SPP.	68447	91842	133714	115634	108065
5	Sardine	42635	45430	63095	56628	42840
6	Hilsa Ilisha	111643	250000	350833	300000	227273
7	Anchovies	70000	70000	0	0	0
8	Thrissocles	70341	0	0	0	38000
9	Other Clupieds	40074	51169	63333	0	39941
10	Harpadon Nehereus	65597	95234	104111	0	64043
11	Perches	0	0	0	0	0
12	Redsnapper	250000	294255	303125	276570	245918
13	Polynemidae	0	0	0	0	570000
14	Sciaenids	375000	413137	571250	350000	365143
15	Otolithoides species	61213	71800	90834	73214	74029
16	Trichiuridae (Ribbonfishes)	99871	73319	104638	98041	76404
17	Caranx	65599	87193	85303	80004	76667
18	Pomfrets	903628	1015532	878817	782787	1013125
19	Black Pomfret	413168	390000	538579	572811	525481
20	Mackerels	92546	117001	144492	116373	116273
21	Seerfishes	415512	500987	617748	489699	440262
22	Tunnies	102500	90000	75000	130000	110000
23	Bregmaceros McClellandi	40000	50000	50000	49216	0
24	Soles	50152	57803	49065	60339	36709
25	Sphyræna Spp. (Barracuda)	96807	105826	107600	103462	127143
26	Leiognathus	41156	51330	46179	59932	54948
27	Upeneus Spp.	40000	40476	50000	100719	100000
28	Penaeid Prawns	274272	254197	298506	306158	317725
29	Non-Penaeids Prawns	75000	0	65000	50000	0
30	Natantion Decapods (Lobsters)	1100000	846296	900000	1000000	1100000
31	Lactarius	74604	121528	137805	140244	112540
32	Loligo duvauceli(Cephalopoda)	126165	113818	148850	200613	155455
33	Miscellaneous	71799	77551	86653	83542	81376

TABLE No. 11.0

UTILIZATION OF MARINE FISH PRODUCTION IN MAHARASHTRA STATE.

(In Tonne)

Sr.No	Items	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	In Fresh form	381864	377096	372336	343350	377543
2	In salt cured form					
A	Raw fish let in for salting	4979	3988	4715	3471	2933
B	Salted Fish let out	3734	2990	3536	3903	2199
C	Salt Used	1792	1396	1650	1393	1056
3	In sundried Form :-					
A	Raw fish let in for sundrying	88149	86148	66542	51290	52272
B	Sundried fish let out	15226	14645	11510	8901	9238
Total Fish Production (1+2A+3A)		474992	467232	443593	398511	432748

TABLE No. 11.1

UTILIZATION OF MARINE FISH PRODUCTION IN THANE DISTRICT.

(In Tonne)

Sr.No.	Items	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	In Fresh form	72968	66790	62205	49839	38336
2	In salt cured form					
A	Raw fish let in for salting	164	112	120	65	36
B	Salted Fish let out	123	84	90	49	27
C	Salt Used	59	40	42	13	13
3	In sundried Form :-					
A	Raw fish let in for sundrying	41267	32559	23899	17643	20019
B	Sundried fish let out	6380	5209	3824	2714	3398
Total Fish Production (1+2A+3A)		114399	99461	86225	67547	58392

TABLE No. 11. 2**UTILIZATION OF MARINE FISH PRODUCTION IN GREATER MUMBAI (SUBRBAN) DISTRICT.**
(In Tonne)

Sr. No.	Items	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	In Fresh form	47626	37144	59239	61204	52083
2	In salt cured form					
A	Raw fish let in for Salting	0	0	0	0	0
B	Salted Fish let out	0	0	0	0	0
C	Salt Used	0	0	0	0	0
3	In sundried Form					
A	Raw fish let in for sundrying	18602	26431	17093	15844	9690
B	Sundried fish let out	3633	5286	2906	2973	1817
Total Fish Production (1+2A+3A)		66228	63575	76332	77048	61773

TABLE No. 11. 3
UTILIZATION OF MARINE FISH PRODUCTION IN GREATER MUMBAI (CITY) DISTRICT.
(In Tonne)

Sr. No.	Items	2017 – 18	2018 – 19	2019 – 20	2020 – 21	2021-22
1	2	3	4	5	6	7
1	In Fresh form	135076	146720	147985	127651	151624
2	In salt cured form					
A	Raw fish let in for Salting	0	0	0	0	0
B	Salted Fish let out	0	0	0	0	0
C	Salt Used	0	0	0	0	0
3	In sundried Form					
A	Raw fish let in for sundrying	5029	5837	6368	5561	9084
B	Sundried fish let out	858	996	1082	954	1622
Total Fish Production (1+2A+3A)		140105	152557	154353	133212	160708

TABLE No. 11.4
UTILIZATION OF MARINE FISH PRODUCTION IN RAIGAD DISTRICT.

(In Tonne)

Sr.No.	Items	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	In Fresh form	36236	41914	26051	30473	32016
2	In salt cured form					
A	Raw fish let in for salting	0	0	0	0	0
B	Salted Fish let out	0	0	0	0	0
C	Salt Used	0	0	0	0	0
3	In sundried Form :-					
A	Raw fish let in for sundrying	17102	16933	15746	7546	8585
B	Sundried fish let out	3389	3356	3149	1470	1666
Total Fish Production (1+2A+3A)		53338	58847	41797	38019	40601

TABLE No. 11.5**UTILIZATION OF MARINE FISH PRODUCTION IN RATNAGIRI DISTRICT.**

		(In Tonne)				
Sr.No.	Items	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	In Fresh form	72635	68741	61681	59787	95168
2	In salt cured form					
A	Raw fish let in for salting	1686	739	1174	1027	1244
B	Salted Fish let out	1265	554	881	770	933
C	Salt Used	607	266	411	370	448
3	In sundried Form :-					
A	Raw fish let in for sundrying	6019	4258	3318	4560	4815
B	Sundried fish let out	946	681	531	769	722
Total Fish Production (1+2A+3A)		80340	73738	66173	65374	101228

TABLE No. 11.6**UTILIZATION OF MARINE FISH PRODUCTION IN SINDHUDURG DISTRICT.**

		(In Tonne)				
Sr.No.	Items	2017 -18	2018 -19	2019 -20	2020 -21	2021-22
1	2	3	4	5	6	7
1	In Fresh fom	17323	15788	15175	14395	8316
2	In salt cured form					
A	Raw fish let in for salting	3128	3137	3420	2778	1652
B	Salted Fish let out	2346	2353	2565	2084	1239
C	Salt Used	1126	1129	1197	1000	595
3	In sundried Form :-					
A	Raw fish let in for sundrying	131	129	118	138	78
B	Sundried fish let out	20	20	18	21	12
Total Fish Production (1+2A+3A)		20582	19054	18713	17311	10046

TABLE No. 12
TOTAL NUMBER OF MECHANISED & NON-MECHANISED OPERATING BOATS IN MAHARASHTRA STATE.

Sr.No.	Year	Mechanised Boats	Non-Mechanised Boats	Total Boats
1	2	3	4	5
1	1996 - 97	8602	2568	11170
2	1997 - 98	9671	2329	12000
3	1998— 99	9511	2035	11546
4	1999 - 2000	9621	1847	11468
5	2000–01	10087	1972	12059
6	2001–02	10733	2089	12822
7	2002–03	11731	2553	14284
8	2003–04	11624	2476	14100
9	2004–05	11725	2032	13757
10	2005–06	11745	2189	13934
11	2006–07	11798	2032	13830
12	2007–08	11467	1938	13405
13	2008-09	11858	2079	13937
14	2009-10	11505	2202	13707
15	2010 - 11	12154	2292	14446
16	2011 - 12	12489	2365	14854
17	2012-13	12536	2547	15083
18	2013-14	12240	2623	14863
19	2014-15	12831	2855	15686
20	2015-16	13002	2714	15716
21	2016-17	13178	3040	16218
22	2017-18	13548	3432	16980
23	2018-19	13613	3625	17238
24	2019-20	12948	3146	16094
25	2020-21	12946	2272	15218
26	2021-22	13172	2352	15524

TABLE No. 13**MARINE & INLAND FISH PRODUCTION & VALUE OF MAHARASHTRA STATE.**

(Quantity in tonne / Value in lakh)

Sr No.	YEAR	MARINE		INLAND		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1	2	3	4	5	6	7	8
1	1959	134817	---	---	---	134817	---
2	1960-61	190432	---	10000	---	200432	---
3	1961-62	122439	---	10800	---	133239	---
4	1962-63	137470	446.78	10776	80.82	148246	527.60
5	1963-64	148540	572.05	11028	82.71	159568	654.76
6	1964-65	209215	960.66	12000	90.00	221215	1050.66
7	1965-66	148533	709.47	13000	104.00	161533	813.47
8	1966-67	158420	824.29	13200	108.24	171620	932.53
9	1967-68	227672	1154.09	13201	158.40	240873	1312.49
10	1968-69	226822	1382.63	13250	198.75	240072	1581.38
11	1969-70	234502	1898.45	13406	227.90	247908	2126.35
12	1970-71	204356	1842.11	13500	270.00	217856	2112.11
13	1971-72	254804	2373.33	13800	386.40	268604	2759.73
14	1972-73	250924	2881.16	15200	440.80	266124	3321.96
15	1973-74	267553	4180.16	16352	523.25	283905	4703.41
16	1974-75	364158	7075.17	18730	843.75	382888	7918.92
17	1975-76	402012	8605.22	21000	945.00	423012	9550.22
18	1976-77	392145	7989.13	21005	945.00	413150	8934.13
19	1977-78	291952	7183.49	22027	1211.49	313979	8394.98
20	1978-79	386271	9661.31	23850	1311.75	410121	10973.06
21	1979-80	358349	9895.16	23975	1318.63	382324	11213.79
22	1980-81	374160	12625.05	24601	1230.05	398761	13855.10
23	1981-82	288865	11554.31	26647	1332.35	315512	12886.66
24	1982-83	282256	12028.67	27012	1351.60	309268	13380.27
25	1983-84	310059	14811.72	27829	1669.74	337888	16481.46
26	1984-85	360222	14298.57	30021	1801.26	390243	16099.83
27	1985-86	377352	15033.87	32000	2560.00	409352	17593.87
28	1986-87	332407	16320.33	32162	2572.96	364569	18893.29
29	1987-88	293571	14974.14	47672	4290.48	341243	19264.62
30	1988-89	345848	19225.91	50448	5044.80	396296	24270.71
31	1989-90	402592	21469.00	49652	4962.20	452244	26431.20
32	1990-91	342323	27689.65	72481	13046.58	414804	40736.23

TABLE No. 13 (Cont.)
MARINE & INLAND FISH PRODUCTION & VALUE OF MAHARASHTRA.

(Quantity in tonne, Value ` in lakh)

Sr No	YEAR	MARINE		INLAND		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1	2	3	4	5	6	7	8
33	1991-92	344536	33373.27	58100	11620.00	402636	44993.27
34	1992-93	419581	44046.34	78736	15774.20	498317	59820.54
35	1993-94	353926	50558.73	88724	22181.00	442650	72739.73
36	1994-95	332934	61008.91	36420	13952.40	369354	74961.31
37	1995-96	423985	80526.79	84191	21047.75	508176	101574.54
38	1996-97	480954	93503.17	125000	31250.00	605954	124753.17
39	1997-98	453712	88000.55	126642	34193.34	580354	122193.89
40	1998-99	394883	70908.86	125496	36393.84	520379	107302.70
41	1999-00	397901	69074.12	135390	39601.58	533291	108675.70
42	2000-01	402769	67744.59	123266	37259.61	526035	105004.20
43	2001-02	414268	91867.27	122785	34724.83	537053	126592.10
44	2002-03	386680	101216.13	127236	38459.63	513916	139675.76
45	2003-04	420077	108979.72	125120	46294.40	545197	155274.12
46	2004-05	417854	110269.92	121180	54531.00	539034	164800.92
47	2005-06	445343	124557.19	135204	63545.88	580547	188103.07
48	2006-07	464090	142307.98	131848	62191.38	595938	204499.36
49	2007-08	419815	150604.86	141973	75523.34	561788	226128.20
50	2008-09	395963	157232.24	135517	63154.99	531480	220387.23
51	2009-10	415767	187281.32	122587	61587.48	538354	248868.80
52	2010-11	446703	214685.1	130284	85181.05	576987	299866.15
53	2011-12	433684	242786.02	145110	110528.84	578794	353314.86
54	2012-13	448913	312180.90	137461	119061.85	586374	431242.75
55	2013-14	467458	360564.92	135221	117307.60	602679	477872.52
56	2014-15	463585	448192.30	144479	141770.02	608064	589962.32
57	2015-16	434115	447047.98	145570	145535.06	579685	592583.04
58	2016-17	462747	573395.83	200166	207768.30	662913	781164.13
59	2017-18	474992	628844.32	131020	144665.73	606012	773510.05
60	2018-19	467232	629774.60	100335	117779.61	567567	747554.21
61	2019-20	443593	675119.35	117751	147436.03	561334	822555.38
62	2020-21	398511	600647.94	124587	165881.36	523098	766529.30
63	2021-22	432748	665466.15	156688	191537.60	589436	857003.75

TABLE No. 14

**MARINE FISH PRODUCTION AND EFFORTS BY MECHANISED & NON-MECHANISED
BOATS IN MAHARASHTRA.**

Sr.No.	Year	Production In Tonne			Efforts In Numbers			Per Unit Efforts In Kg.	
		Mech.	Non-Mech.	Total	Mech.	Non-Mech.	Total	Mech	Non-Mech.
1	1995-96	406049 (95.8)	17936 (4.2)	423985 (100.0)	1000920	257557	1258477	406	70
2	1996-97	458791 (95.4)	22163 (4.6)	480954 (100.0)	1166241	277594	1443835	398	80
3	1997-98	447582 (98.6)	6130 (1.4)	453712 (100.0)	1252847	232319	1485166	357	26
4	1998-99	389676 (98.7)	5209 (1.3)	394885 (100.0)	1143714	155931	1299645	341	33
5	1999-00	391910 (98.5)	5991 (1.5)	397901 (100.0)	1185830	140201	1326031	330	43
6	2000-01	398030 (98.8)	4739 (1.2)	402769 (100.0)	1151383	158046	1309429	346	30
7	2001-02	410113 (99.0)	4155 (1.0)	414268 (100.0)	1111623	140690	1252313	369	33
8	2002-03	382161 (98.8)	4519 (1.2)	386680 (100.0)	1522660	188545	1711205	223	24
9	2003-04	414969 (98.8)	5108 (1.2)	420077 (100.0)	1246051	167948	1413999	333	30
10	2004 -05	412377 (98.7)	5477 (1.3)	417854 (100.0)	1140326	198137	1338463	362	28
11	2005- 06	439934 (98.8)	5409 (1.2)	445343 (100.0)	1303012	193409	1496421	338	28
12	2006 -07	453681 (97.5)	10409 (2.5)	464090 (100.0)	1842760	220646	2063406	246	47
13	2007-08	414647 (98.8)	5168 (1.2)	419815 (100.0)	904793	143789	1048582	458	36
14	2008-09	392198 (99.0)	3765 (1.0)	395963 (100.0)	918996	173361	1092357	427	46
15	2009 – 10	410695 (98.8)	5072 (1.2)	415767 (100.0)	1044265	239323	1283588	393	21
16	2010 – 11	440393 (98.6)	6310 (1.4)	446703 (100.0)	952434	209305	1161739	462	30
17	2011 – 12	428805 (98.9)	4879 (1.1)	433684 (100.0)	974224	243795	1218019	440	20
18	2012-13	442278 (98.5)	6635 (1.5)	448913 (100.0)	1081069	181930	1262999	409	36
19	2013-14	463049 99.1	4409 0.9	467458 (100.0)	1131728	191646	1323374	409	23
20	2014-15	456817 (98.5)	6768 (1.5)	463585 (100.0)	1294590	209828	1504418	352	32
21	2015-16	431730 (99.5)	2385 (0.5)	434115 (100.0)	929470	137535	1067005	464	17
22	2016-17	461061 (99.6)	1686 (0.4)	462747 (100.0)	1013117	98392	1111509	455	17
23	2017-18	473385 (99.7)	1607 (0.3)	474992 (100.0)	973229	81349	1054578	486	20
24	2018-19	465180 (99.6)	2052 (0.4)	467232 (100.0)	1038481	117833	1156314	448	17
25	2019-20	440792 (99.4)	2801 (0.6)	443593 (100.0)	1094501	99177	1193678	403	28
26	2020-21	397110 (99.6)	1401 (0.4)	398511 (100)	1367873	77349	1445222	290	18
27	2021-22	431362 (99.7)	1386 (0.3)	432748 (100)	911269	92169	1003438	473	15

TABLE No. 15

DISTRICT, ZONE & CENTER-WISE MARINE FISH PRODUCTION & OPERATING BOATS IN MAHARASHTRA.

Sr. No.	Name of the Center	Mech. Boats	Non –Mech. Boats	Fish Production In Tonne		
		2021-22		2019-20	2020-21	2021-22
1	2	3	4	5	6	7
THANE DISTRICT						
Zone No. 1 Dahanu						
1	Zai	107	4	2556	899	1491
2	Narpad/DahanuAgar	48	2	901	300	629
3	Dahanu	52	4	2189	1913	632
4	Dhakti Dahanu / Gungwada	170	6	4143	1920	1900
5	Varor	19	0	522	353	221
6	Danda	4	0	190	189	63
7	Kambode	4	3	189	190	64
Zone Total		404	19	10690	5764	5000
Zone No. 2 Popharandandi						
8	Ghivali	4	5	122	146	42
9	Uchheli / Dandi	100	0	2725	2259	788
10	Navapur	20	5	602	596	203
11	Murbe	53	2	1292	1241	478
Zone Total		177	12	4741	4242	1511
Zone No. 3 Satpati						
12	Satpati (N)	115	6	3336	2377	1700
13	Satpati (M) / (S)	160	2	3737	3722	2328
14	Shirgaon	4	3	136	73	2
Zone Total		279	11	7209	6172	4030
Zone No. 4 Kelwa						
15	Vadarai	45	4	2565	2434	880
16	Tembhi	18	4	772	811	353
17	Kelwa / Kelwa Dadar	25	3	772	1352	489
18	Advan / Kore	22	2	1026	1082	430
19	Dativare	10	3	415	551	196
Zone Total		120	16	5550	6230	2348
Zone No. 5 Vasai						
20	Arnala	175	5	12459	7302	4318
21	Rangaon	0	4	554	325	1
22	Vasai	256	4	17303	10142	6315
23	Khochivade	35	5	2076	1420	865
24	Naigaon	35	3	2077	1623	864
Zone Total		501	21	34469	20812	12363

Table No. 15 (Continued)

Sr. No.	Name of the Center	Mech. Boats	Non –Mech. Boats	Fish Production In Tonne		
		2021-22		2019-20	2020-21	2021-22
1	2	3	4	5	6	7
Zone No. 6 Uttan						
25	Dongri Chowk	68	4	1536	1794	3125
26	Uttan	625	10	15768	15406	18640
27	Uttam (Bhatye)	90	5	1859	1931	2797
28	Diwale	110	45	3232	3814	5514
29	Washi Bridgh	61	50	1171	1382	3064
Zone Total		954	114	23566	24327	33140
District Total		2435	193	86225	67547	58392
MUMBAI (SUB.) DISTRICT						
Zone No. 7 Manori						
30	Gorai	70	4	3734	4344	1508
31	Manori	102	5	5478	7099	2201
32	Marve / Malvani	73	3	3704	4024	1525
33	Yerangal Bhati	120	5	6868	7358	2724
34	Juhu Tara	27	10	70	37	622
35	Danda	81	0	2530	3001	1587
36	Juhu Mora Goan	0	10	46	37	11
Zone Total		473	37	22430	25900	10178
Zone No. 8 Varsowa						
37	Versova	336	14	28856	26583	22063
38	Madh	380	8	14055	14392	16914
39	Patwadi	77	4	2932	2738	3428
40	Chimbai	32	6	129	245	632
41	Mahul	55	15	1597	1090	1660
42	Trombay	155	0	6333	6100	6898
Zone Total		1035	47	53902	51148	51595
District Total		1508	84	76332	77048	61773
MUMBAI (City) DISTRICT						
Zone No. 9 Mumbai						
43	Mahim	22	105	120	369	304
44	Worli	210	40	3793	4189	13334
45	Cuff Pared	196	20	1121	1328	1361
46	Warli Lotus	31	10	103	135	137
Zone Total		459	175	5137	6021	15136

Table No. 15 (Continued)

Sr. No.	Name of the Center	Mech. Boats	Non –Mech. Boats	Fish Production In Tonne		
		2021-22		2019-20	2020-21	2021-22
1	2	3	4	5	6	7
Zone No. 10 Sasoon Dock						
47	Sasoon Dock	1186	0	51913	52966	59023
Zone Total		1186	0	51913	52966	59023
Zone No. 10 / A. Ferrywarff						
48	Ferrywarff	1190	0	97303	74225	86549
Zone Total		1190	0	97303	74225	86549
District Total		2835	175	154353	133212	160708
RAIGAD DISTRICT						
Zone No. 11 Mora Karnja						
49	Ulwa Moha	70	14	159	140	161
50	Dighode	16	22	47	43	36
51	Kelwane	25	15	123	120	61
52	Varedi	42	31	141	121	103
53	Karnja	54	13	261	221	275
54	Navapada	15	6	63	83	41
55	Mora	52	6	243	174	137
56	Morave Goan	50	14	35	99	95
57	Hanumankoliwada	55	20	49	64	71
58	Aavre	22	12	78	74	52
59	Dharmtar	16	25	79	56	50
Zone Total		417	178	1278	1195	1081
Zone No. 12 Alibaug						
60	Alibaug	162	0	6724	7579	6768
61	Thal	125	0	5373	3001	3122
62	Navgaon	170	0	7812	4281	4246
63	Agrao	35	40	13	1450	926
Zone Total		492	40	19922	16311	15062
Zone No. 13 Revdanda						
64	Revas Gadina	79	9	1381	1109	1512
65	Sasawane	52	0	76	223	469
66	Varsoli-chalmal	133	3	2025	1578	3488
67	Sakharaxi	112	19	2400	1744	3750
68	Theronda	102	52	1483	1022	1264
69	Revdanda	123	32	2144	2577	1570
Zone Total		601	115	9509	8253	12053

Table No. 15 (Continued)

Sr. No.	Name of the Center	Mech. Boats	Non –Mech. Boats	Fish Production In Tonne		
		2021-22		2019-20	2020-21	2021-22
1	2	3	4	5	6	7
Zone No. 14 Murud						
70	Salav	5	8	86	13	92
71	Korlai	65	0	588	158	848
72	Borli-Mandla	50	0	250	263	183
73	Nhava	5	32	173	20	97
74	Chorda	0	30	282	2	7
75	Nandgaon-Majgaon	53	4	211	344	291
76	Murud	42	6	231	231	422
77	Ekdara	55	3	201	1048	699
78	Rajpuri	85	0	600	315	845
79	Khamda	0	35	180	16	9
80	Aagranda	5	5	134	23	92
Zone Total		365	123	2936	2433	3585
Zone No. 15 Shrivardhan						
81	Dighi	55	0	911	577	86
82	Vashi	37	14	506	374	70
83	Kudgaon	1	5	27	14	9
84	Aadgaon	60	0	468	406	92
85	Mehndali	9	11	11	10	15
86	Kharsai	5	11	20	12	15
87	Pabhare	18	28	73	38	35
88	Khargaon	4	4	6	2	8
89	Bhardkhol - Diveagar	205	0	2027	3596	559
90	Bagmandla	21	0	10	6	26
91	Shekhadi khalchi	18	0	219	180	26
Zone Total		433	73	4278	5215	941
Zone No. 16 Jivana						
92	Jivana	130	0	2999	3372	5597
93	Mulgaondanda	50	8	875	1240	2282
Zone Total		180	8	3874	4612	7879
District Total		2488	537	41797	38019	40601
RATNAGIRI DISTRICT						
Zone No. 17 Burondi						
94	Veshwi-Bankot	50	30	529	1604	521
95	Kelshi	15	65	531	1258	170
96	Aade/Uttambar	30	18	625	1263	314
97	Burondi	85	45	752	1122	850

Table No. 15 (Continued)

Sr. No.	Name of the Center	Mech. Boats	Non –Mech. Boats	Fish Production In Tonne		
		2021-22		2019-20	2020-21	2021-22
1	2	3	4	5	6	7
98	Kolthere	0	10	1	1	1
99	Oni / Bhati	5	15	46	41	64
100	Veldur/Navanagar/ Dhopave	30	22	905	2561	317
101	Asgoli	35	19	429	655	376
102	Palshet	5	10	56	42	64
103	Budhal	10	7	99	85	104
104	Borya	20	12	179	166	195
105	Kondkaru	0	9	1	1	1
106	Velneswar	5	9	3	2	64
107	Sakharhedvi	9	20	82	75	116
108	Anjanwel	10	7	91	83	104
Zone Total		309	298	4329	8959	3261
Zone No. 18 Dabhol						
109	Harne port	595	22	19018	18130	14117
110	Dabhol	77	15	1820	1532	1769
111	Paj	0	28	280	1	4
112	Adkhad	0	21	97	1	4
Zone Total		672	86	21215	19664	15894
Zone No. 19 Mirkarwada						
113	Padve	88	5	72	4	1395
114	Bhagwati port	15	15	45	3	350
115	Mirkarwada	535	14	29902	26082	61384
116	Rajiwada	50	22	746	465	3797
117	Sakhari-nate	108	15	2076	4275	12147
Zone Total		796	71	32841	30829	79073
Zone No. 20 Ratnagiri						
118	Nawanagar	16	0	15	9	59
119	Chinchbunder	5	6	11	4	26
120	Kharviwada	0	3	2	1	1
121	Kudli	13	3	1	1	28
122	Jambhari	18	9	88	15	94
123	Jaigad	250	14	6481	4803	1744
124	Sakhar Jaigad	13	7	21	9	24
125	Varavade	24	10	36	13	106
126	Kalbadevi	39	8	471	262	298
127	Sakhar Kasarveli	22	16	447	329	156

Table No. 15 (Continued)

Sr. No.	Name of the Center	Mech. Boats	Non –Mech. Boats	Fish Production In Tonne		
		2021-22		2019-20	2020-21	2021-22
1	2	3	4	5	6	7
128	Jaki-Mirya	19	24	147	385	276
129	Karla	26	8	16	13	75
130	Bhatty	10	6	10	5	30
131	Phansop	1	12	4	4	9
132	Golap-Pawas	0	15	2	8	8
133	Purnagad	9	27	16	20	23
134	Ambere	0	25	5	16	8
135	Tulsunda	0	15	3	8	7
136	Mhamurwadi	4	4	4	5	7
137	Ambolgad	2	10	5	7	4
138	Vadap	4	3	2	3	14
139	Someshver	0	4	1	2	3
Zone Total		475	229	7788	5922	3000
District Total		2252	684	66173	65374	101228
SINDHUDURG DISTRICT						
Zone No. 21 Anandwadi						
140	Vijaydurg	50	5	125	957	663
141	Anandwadi	290	4	7386	6077	4002
Zone Total		340	9	7511	7034	4665
Zone No. 22 Devgad						
142	Phanse Padavane	4	1	1	14	18
143	Wadetar / Malai	18	7	52	90	91
144	Mithmumbri /Taramumbari	40	12	185	127	189
145	Kunkeshwar/ Katvan	17	5	66	54	80
146	Mithbaon	25	7	93	109	117
147	Morvewadi	30	5	108	91	130
Zone Total		134	37	505	485	625
Zone No. 23 Makrebag						
148	Makrebag	150	15	4411	4012	889
149	Dandi	191	35	1300	1520	998
Zone Total		341	50	5711	5532	1887
Zone No. 24 Malwan						
150	Medha	40	10	139	137	128
151	Achara	80	10	233	276	256
152	Tondavli	20	30	66	79	66
153	Talashil	45	35	134	160	146

Table No. 15 (Continued)

Sr. No.	Name of the Center	Mech. Boats	Non –Mech. Boats	Fish Production In Tonne		
		2021-22		2019-20	2020-21	2021-22
1	2	3	4	5	6	7
154	Sarjekot-Mirya Bandh	35	15	104	129	113
155	Dhuriwada	30	30	129	151	98
156	Wayri	65	39	191	220	210
157	Tarkarli / Kalethar	25	28	86	97	81
158	Deobag	35	50	124	139	115
159	Mobar-Bhogave	70	20	204	244	225
Zone Total		445	267	1410	1632	1438
Zone No. 25 Vengurla						
160	Kochara-Nivati	61	14	586	427	209
161	Khavana	10	27	99	73	45
162	Kelus	8	13	78	58	34
163	Khanoli –Wayangani	30	16	292	214	105
164	Dabhoswada/Navabag	90	15	823	604	304
165	Muth Ubhadanda	75	15	689	506	254
166	Mochemad	5	15	1	1	22
167	Aravli-Tank	15	16	146	107	56
168	Shironda	67	20	534	392	229
169	Kavthi	0	6	0	1	4
170	Shipetu	10	27	98	74	45
171	Manshiwada	10	60	100	75	54
172	Husenbag pirwadi	5	57	52	39	38
173	Reddy	8	15	78	57	32
Zone Total		394	316	3576	2628	1431
District Total		1654	679	18713	17311	10046
Maharashtra Total		13172	2352	443593	398511	432748

INLAND SECTOR

TABLE No. 16

DISTRICT& REGION-WISE INLAND FISH PRODUCTION.

						(InTonne)
Sr. No.	District	2017-18	2018 -19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7
1	Thane/ Palghar	4172	3890	3650	3680	2732
2	Mumbai (Suburban & City)	0	0	0	0	0
3	Raigad	2065	3760	1800	1692	801
4	Ratnagiri	215	381	283	225	87
5	Sindhudurg	8	15	17	47	83
Kokan Region		6460	8046	5750	5644	3703
6	Nasik	4110	4305	4860	3718	3910
7	Dhule	2184	1900	2223	2076	2087
8	Jalgaon	5015	5420	3472	5225	5375
9	Nandurbar	1381	1965	1596	1460	846
10	Ahmednagar	1781	1944	2817	2730	2216
Nashik Region		14471	15534	14968	15209	14434
11	Pune	5685	5622	6869	7255	7872
12	Satara	3200	2996	3417	2779	3480
13	Sangli	2624	2356	1839	4055	1989
14	Solapur	2024	1425	4174	3600	2327
15	Kolhapur	2730	2814	4722	2707	2767
Pune Region		16263	15213	21021	20396	18435
16	Aurangabad	2857	2260	2500	434	2421
17	Jalna	3688	950	2276	4348	4150
18	Beed	4331	3355	5178	6171	5855
19	Parbhani	1213	1180	500	1844	4193
Aurangabad Region		12089	7745	10454	12797	16619
20	Nanded	6290	5815	5000	8646	6217
21	Hingoli	960	1106	897	1282	2034
22	Latur	6420	4812	5207	7133	7504
23	Osmanabad	2470	1650	1180	1985	2156
Latur Region		16140	13383	12284	19046	17911
24	Buldhana	2569	3445	1838	702	7482
25	Akola	1993	2184	2199	1922	11074
26	Washim	2976	2352	2339	2177	7296
27	Amravati	4053	3451	3878	3707	1648
28	Yavatmal	7296	6045	6364	5067	3755
Amravati Region		18887	17477	16618	13575	31255
29	Wardha	3274	2887	1872	790	3129
30	Nagpur	8247	4086	7528	8877	22665
31	Bhandara	12236	1211	6326	6414	6475
32	Gondia	4733	1511	6419	7009	8033
33	Chandrapur	11820	9342	10511	10830	9990
34	Gadchiroli	6400	3900	4000	4000	4039
Nagpur Region		46710	22937	36656	37920	54331
TOTAL		131020	100335	117751	124587	156688

TABLE No. 17
REGION-WISE GOVERNMENT FISH SEED PRODUCTION CENTRES IN MAHARASHTRA.

Sr. No.	Name of the Centres	District	Available Water Spread Area (Hectare)	Spawn Production Capacity (in lakhs)
1	2	3	4	5
KOKAN REGION				
1.	Aarey	Mumbai(Subarban)	1.97	300.00
2.	Khopoli	Raigad	1.5	350.00
3.	Dapchari	Thane	2.35	400.00
Total Centres (3)			5.82	1050.00
PUNE REGION				
1.	Hadpsar	Pune	2.58	550.00
2.	Dhom	Satara	4.86	600.00
3.	Ujani	Solapur	4.65	500.00
4.	Tillari	Kolhapur	3.56	600.00
Total Centres (4)			15.65	2250.00
NASHIK REGION				
1.	Karnjvan	Nashik	2.36	150.00
2.	Mulanagar	Ahamdnagar	1.70	250.00
3.	Mukti	Dhule	1.00	100.00
Total Centres (3)			5.06	500.00
AURANGABAD REGION				
1.	Jayakwadi	Aurangabad	23.5	500.00
2.	Galhati	Jalna	2.72	300.00
3.	Masoli	Parbhani	3.21	500.00
4.	Manjra	Beed	3.52	500.00
Total Centres (4)			32.95	1800.00
LATUR REGION				
1.	Kardkhed	Nanded	2.20	500.00
2.	Chandni	Osmanabad	1.07	200.00
3.	Gharni	Latur	1.88	500.00
4.	Siddeshvar	Hingoli	2.99	300.00
5.	Bhategon	Hingoli	1.18	125.00
Total Centres (5)			9.32	1625.00
AMRAVATI REGION				
1.	Katepurna	Akola	3.36	500.00
2.	Koradi	Buldhana	3.44	500.00
3.	Morshi	Amravati	12.00	500.00
4.	Esapur	Yavatmal	12.00	600.00
5.	Arunavati	Yavatmal	4.7	600.00
Total Centres (5)			35.50	2700.00
NAGPUR REGION				
1.	Kelzar	Wardha	2.88	500.00
2.	Bor	Wardha	1.44	200.00
3.	Shivnibandh	Bhandara	2.40	350.00
4.	Vena	Nagpur	1.32	280.00
5.	Pench	Gondiya	27.55	5000.00
6.	Etiyadoho	Chandrapur	4.82	1000.00
7.	Amnala	Chandrapur	2.96	300.00
8.	Chargoan	Wardha	4.16	300.00
Total Centres (8)			47.53	7930.00
Grand Total (32)			151.83	17855.00

MARINE AND INLAND FISH PRODUCTION OF INDIA

TABLE No. 18

STATE-WISE MARINE FISH PRODUCTION.

(In 000 Tonnes)

Sr.No	State Name	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10
1	Andhra Pradesh	204.94	248.5	263.93	210.73	218.84	240.2	254.89	291.16
2	Goa	66.55	72.29	83.76	94.81	100.91	98.96	32.26	83.14
3	Gujarat	650.83	743.64	609.14	584.78	663.88	676.76	680.85	683.85
4	Karnataka	128.42	180.16	187	171.23	176.97	168.54	175.57	218.14
5	Kerala	593.78	603.29	608.53	601.86	558.91	595.06	586.29	583.15
6	Maharashtra	414.27	386.68	420.08	417.85	445.34	464.09	419.82	395.96
7	Odisha	113.89	115	116.88	121.93	122.21	128.14	130.77	135.49
8	Tamil Nadu	371	371.5	373	307.69	307.99	387.25	393.27	365.28
9	West Bengal	184.3	181.5	181.6	179.5	160	178.1	182.73	189.29
10	A. & N. Island	27.02	28.22	31.06	32.6	12.05	28.6	28.6	32.34
11	Daman & Diu	21.52	11.25	13.77	12.51	17.74	16.35	26.28	14.06
12	Lakshadweep	13.65	7.5	10.03	11.96	11.96	11.75	11.04	12.59
13	Puducherry	39.6	40.1	42.8	31.5	19.27	33.61	33.44	34.55
TOTAL		2829.77	2989.82	2941.5	2778.87	2816.07	3027.41	2955.8	3039
Ranking of Maharashtra in India		3	3	3	3	3	3	3	3

Source: Department of Animal Husbandry, Dairying and Fisheries, Govt. of India.

TABLE No. 18(Continued)

STATE-WISE MARINE FISH PRODUCTION.

[IN '000 M.T.]

Sr.No	State Name	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
1	2	3	4	5	6	7	8	9	10
1	Andhra Pradesh	293.15	288.64	433.28	414.35	438.25	475.4	520.27	580
2	Goa	81.93	89.96	86.2	73.71	109.57	114.57	107.07	113.56
3	Gujarat	687.45	688.93	692.49	693.56	695.58	698.45	697.33	698.83
4	Karnataka	248.73	340.57	347.38	357.32	357.36	400.82	411.74	398.93
5	Kerala	570.01	560.4	553.18	530.64	522.31	524.75	516.75	447.28
6	Maharashtra	415.77	446.7	433.68	448.91	467.46	463.59	434.12	462.75
7	Odisha	129.33	133.48	114.3	118.31	120.02	133.21	144.76	153.1
8	Tamil Nadu	401.13	404.61	426.74	428.44	432.27	457.45	466.6	472
9	West Bengal	179	197.11	182.02	152.35	188.24	178.85	178.2	176.53
10	A. & N. Island	33	33.74	35.07	36.43	36.75	36.98	37.13	38.58
11	Daman & Diu	15.88	16.85	17.43	18.78	18.78	31.77	22.65	23.4
12	Lakshadweep	12.37	12.37	12.37	12.37	18.72	13.19	15.7	29.8
13	Puducherry	36.1	36.1	37.61	35.61	37.8	42.05	78.16	45.93
TOTAL		3103.9	3249.5	3371.8	3320.8	3443.11	3571.08	3630.4	3640.68
Ranking of Maharashtra in India		3	3	3	3	3	4	5	4

Source: Department of Animal Husbandry, Dairying and Fisheries, Govt. of India.

TABLE No. 19

STATE-WISE INLAND FISH PRODUCTION.

(In 000 Tonnes)										
Sr.No	State/Uts Name	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	471.17	579.4	648.71	642.32	672.25	616.73	755.19	961.62	1000.7
2	Arunachal Pradesh	2.6	2.6	2.65	2.7	2.75	2.77	2.83	2.88	2.65
3	Assam	161.45	165.52	181	186.31	188	181.48	190.32	206.15	218.82
4	Bihar	240.4	261	266.49	267.51	279.53	267.04	319.1	300.65	297.4
5	Goa	3.37	4.25	3.6	4.23	4.04	3.43	1.17	3.08	3.44
6	Gujarat	50.77	34.27	45.48	50.43	69.94	76.82	78.78	82.05	84.07
7	Harayana	34.57	35.18	39.13	42.05	48.2	60.08	67.24	76.29	100.46
8	Himachal Pradesh	7.22	7.25	6.53	6.9	7.3	6.89	7.85	7.79	7.85
9	Jammu & Kashmir	18.85	19.75	19.75	19.1	19.15	19.2	17.33	19.27	19.3
10	Karnataka	121.2	86.26	70	80	120.6	123.92	122.12	143.72	159.32
11	Kerala	78.04	75.04	76.18	76.45	77.98	79.57	81.04	102.84	93.11
12	Madhya Pradesh	47.46	42.16	50.82	62.06	61.08	65.04	63.89	68.47	66.12
13	Maharashtra	122.79	127.24	125.12	121.18	135.2	131.85	141.97	135.52	122.59
14	Manipure	16.45	16.6	17.6	17.8	18.22	18.61	18.6	18.8	19.2
15	Meghalaya	4.97	5.37	5.15	5.65	4.12	5.49	4	3.96	4.33
16	Mizoram	3.15	3.25	3.38	3.68	3.75	3.76	3.76	2.89	3.25
17	Nagaland	5.2	5.5	5.56	4.9	5.5	5.8	5.8	6.17	6.36
18	Odisha	168.06	172.53	190.02	193.66	203.24	213.9	218.72	239.34	241.21
19	Punjab	58	66	83.65	77.7	85.64	86.7	78.73	86.21	122.86
20	Rajsthan	14.27	25.6	14.3	16.39	18.5	22.2	25.7	24.1	26.91
21	Sikkim	0.14	0.14	0.14	0.14	0.15	0.15	0.18	0.17	0.17
22	Tamil Nadu	114	102	101.14	151.73	155.03	155.03	166.09	168.88	169.79
23	Tripura	29.45	29.52	17.98	19.84	23.87	28.63	36.25	36	42.27
24	Uttar Pradesh	225.37	249.84	254	277.07	289.58	306.73	325.95	349.27	392.93
25	West Bengal	915.8	938.5	988	1035.5	1090	1181	1264.53	1294.71	1326
26	Chhattisgarh	95.76	99.8	111	120.07	131.75	137.75	139.37	158.7	174.25
27	Uttarakhand	6.42	2.56	2.56	2.57	2.79	3.03	3.09	3.16	3.49
28	Jharkhand	101	45.38	75.38	22	34.27	34.27	67.89	75.8	70.5
29	Telangana	0	0	0	0	0	0	0	0	0
30	Andaman & Nicobar	0.06	0.07	0.09	0.08	0.04	0.08	0.08	0.16	0.16
31	Chandigadh	0.04	0.08	0.08	0.08	0.09	0.17	0.21	0.24	0.23
32	Dadra & Nagar Haveli	0.05	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
33	Daman & Diu	0	0	0	0	0.07	0.06	0.08	0.08	0
34	Delhi	3.2	2.25	2.1	1.41	0.7	0.61	0.61	0.71	0.71
35	Lakshadweep	0	0	0	0	0	0	0	0	0
36	Puducherry	4.9	4.91	5.2	5.25	2.18	6.05	5.57	5.85	5.84
TOTAL		3126.18	3209.86	3412.84	3516.81	3755.56	3844.89	4214.09	4585.58	4786.3
Ranking of Maharashtra in India		7	7	7	8	8	9	9	10	11

Source: Department of Animal Husbandry, Dairying and Fisheries, Govt. of India

TABLE No. 19 (Continued)

STATE-WISE INLAND FISH PRODUCTION

(In 000 Tonnes)

Sr.No	State/Uts Name	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	% 2016-17
1	2	3	4	5	6	7	8	9	10
1	Andhra Pradesh	1061.3	1169.89	1393.73	1580.17	1489.03	1831.99	2185.95	28.08
2	Arunachal Pradesh	3.04	3.3	3.71	0.61	0.62	4.05	4.11	0.05
3	Assam	227.24	228.62	254.27	266.7	282.7	294.2	306.6	3.94
4	Bihar	306	344.47	400.14	432.3	479.8	506.89	510	6.55
5	Goa	3.31	3.75	4.17	4.49	3.28	4.84	4.34	0.06
6	Gujarat	85.97	91.23	94.93	102.91	111.48	112.23	116.73	1.5
7	Harayana	96.2	106	111.48	116.9	111.2	121	144.21	1.85
8	Himachal Pradesh	7.38	8.04	8.56	9.83	10.74	11.8	12.47	0.16
9	Jammu & Kashmir	19.37	19.85	19.95	19.98	20.3	20.08	18.8	0.24
10	Karnataka	186.01	199.05	168.24	197.95	223.42	168.83	158.56	2.04
11	Kerala	121.22	140.03	149.1	186.34	159.51	210.76	161.44	2.07
12	Madhya Pradesh	56.45	75.41	85.16	96.26	109.12	115.01	138.69	1.78
13	Maharashtra	130.28	145.11	137.46	135.22	144.48	145.57	200.17	2.57
14	Manipure	20.2	22.22	24.5	28.54	30.5	32.03	32	0.41
15	Meghalaya	4.56	4.77	5.42	5.75	5.89	11.34	12.33	0.16
16	Mizoram	2.9	2.93	5.43	5.94	6.39	6.83	7.63	0.1
17	Nagaland	6.58	6.84	7.13	7.47	7.83	8.22	8.61	0.11
18	Odisha	249.02	267.53	291.83	293.76	306.65	376.52	455	5.85
19	Punjab	97.04	97.62	99.13	104.02	114.77	120.09	112.13	1.44
20	Rajsthan	23.71	47.85	55.16	35.1	46.31	42.46	50.2	0.64
21	Sikkim	0.18	0.28	0.49	0.42	0.44	0.4	0.4	0.01
22	Tamil Nadu	171.31	184.75	191.96	192.03	240.16	242.56	197.3	2.53
23	Tripura	47.4	53.34	57.46	61.95	63.56	69.06	72.45	0.93
24	Uttar Pradesh	417.48	429.72	449.75	464.48	494.27	504.81	617.69	7.94
25	West Bengal	1246.15	1290.02	1337.66	1392.39	1438.47	1493.22	1525.29	19.59
26	Chhattisgarh	228.21	250.7	255.61	284.96	314.16	342.3	376.8	4.84
27	Uttarakhand	3.82	3.83	3.85	3.89	3.94	4.14	4.3	0.06
28	Jharkhand	71.89	91.68	96.6	104.82	106.43	116	145.16	1.86
29	Telangana	0	0	0	0	265.38	236.75	198.92	2.56
30	Andaman & Nicobar	0.18	0.19	0.19	0.2	0.2	0.2	0.23	0
31	Chandigadh	0.24	0.09	0.05	0.11	0.12	0.13	0.13	0
32	Dadra & Nagar Haveli	0.05	0.05	0.05	0.05	0	0	0	0
33	Daman & Diu	0.12	0	0.23	0.23	0	0.48	0.62	0.01
34	Delhi	0.82	0.74	0.69	0.88	0.68	0.71	0.72	0.01
35	Lakshadweep	0	0	0	0	0	0	0	0
36	Puducherry	5.85	4.8	5.46	4.27	5.45	9.95	4.32	0.06
TOTAL		4901.48	5294.7	5719.55	6140.92	6597.28	7165.45	7784.3	100
Ranking of Maharashtra in India		10	10	11	11	12	12	8	

Source: Department of Animal Husbandry, Dairying and Fisheries, Govt. of India.

TABLE No. 18. A

STATE-WISE MARINE FISH PRODUCTION.

(In Lakh Tonnes)

Sr.No	State/Uts Name	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7
1	Andhra Pradesh	6.05	11.29	11.45	5.54	5.94
2	Arunachal Pradesh	0.00	0	0.00	0	0
3	Assam	0.00	0	0.00	0	0
4	Bihar	0.00	0	0.00	0	0
5	Goa	1.18	1.15	0.86	1.07	1.11
6	Gujarat	7.01	6.7	7.00	6.83	6.88
7	Harayana	0.00	0	0.00	0	0
8	Himachal Pradesh	0.00	0	0.00	0	0
9	Jammu & Kashmir	0.00	0	0.00	0	0
10	Karnataka	4.14	3.9	4.03	3.47	5.89
11	Kerala	4.14	7.78	6.55	3.92	6.01
12	Madhya Pradesh	0.00	0	0.00	0	0
13	Maharashtra	4.75	4.68	4.44	3.99	4.33
14	Manipure	0.00	0	0.00	0	0
15	Meghalaya	0.00	0	0.00	0	0
16	Mizoram	0.00	0	0.00	0	0
17	Nagaland	0.00	0	0.00	0	0
18	Odisha	1.51	2.52	2.73	1.72	2.01
19	Punjab	0.00	0	0.00	0	0
20	Rajsthan	0.00	0	0.00	0	0
21	Sikkim	0.00	0	0.00	0	0
22	Tamil Nadu	4.97	5.2	5.83	5.48	5.95
23	Tripura	0.00	0	0.00	0	0
24	Uttar Pradesh	0.00	0	0.00	0	0
25	West Bengal	1.85	1.82	1.82	1.55	1.91
26	Chhattisgarh	0.00	0	0.00	0	0
27	Uttarakhand	0.00	0	0.00	0	0
28	Jharkhand	0.00	0	0.00	0	0
29	Telangana	0.00	0	0.00	0	0
30	Andaman & Nicobar	0.39	0.4	0.40	0.43	0.44
31	Chandigadh	0.00	0	0.00	0	0
32	Dadra & Nagar Haveli and Daman & Diu	0.24	0.28	0.32	0.30	0.30
33	Delhi	0.00	0	0.00	0	0
34	Lakshadweep	0.21	0.22	0.20	0.15	0.12
35	Puducherry	0.42	0.4	0.44	0.34	0.39
TOTAL		36.88	46.34	46.06	34.77	41.27
Ranking of Maharashtra in India		4	5	5	4	6

TABLE No. 19. A

STATE-WISE INLAND FISH PRODUCTION

(In Lakh Tonnes)

Sr.No	State/Uts Name	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7
1	Andhra Pradesh	28.45	28.62	30.30	40.70	42.19
2	Arunachal Pradesh	0.04	0.05	0.05	0.05	0.05
3	Assam	3.27	3.31	3.73	3.93	4.17
4	Bihar	5.88	6.02	6.41	6.83	7.62
5	Goa	0.06	0.05	0.03	0.05	0.05
6	Gujarat	1.34	1.42	1.58	1.57	1.86
7	Haryana	1.90	1.8	1.82	2.03	2.08
8	Himachal Pradesh	0.13	0.13	0.14	0.16	0.16
9	Jammu & Kashmir	0.21	0.21	0.21	0.21	0.25
10	Karnataka	1.88	1.98	2.03	2.61	4.85
11	Kerala	1.48	0.24	0.25	2.24	2.25
12	Madhya Pradesh	1.43	1.73	2.00	2.49	2.93
13	Maharashtra	1.31	1.00	1.18	1.25	1.57
14	Manipure	0.33	0.32	0.32	0.32	0.33
15	Meghalaya	0.12	0.13	0.14	0.16	0.18
16	Mizoram	0.08	0.07	0.07	0.04	0.05
17	Nagaland	0.09	0.09	0.09	0.09	0.09
18	Odisha	5.34	5.07	5.43	7.00	7.89
19	Punjab	1.37	1.35	1.51	1.65	1.90
20	Rajasthan	0.54	0.55	1.16	0.60	0.66
21	Sikkim	0	0	0	0	0
22	Tamil Nadu	1.85	1.7	1.74	1.75	2.12
23	Tripura	0.77	0.7	0.78	0.83	0.82
24	Uttar Pradesh	6.29	6.62	6.99	7.46	8.09
25	West Bengal	15.56	15.88	15.88	16.69	16.52
26	Chhattisgarh	4.57	4.89	5.37	5.77	5.91
27	Uttarakhand	0.05	0.05	0.05	0.06	0.06
28	Jharkhand	1.90	2.08	2.23	2.38	2.57
29	Telangana	2.70	2.94	3.10	3.49	3.90
30	Andaman & Nicobar	0	0	0	0	0
31	Chandigadh	0	0	0	0	0
32	Dadra & Nagar Haveli and Daman & Diu	0	0	0	0	0
33	Delhi	0.01	0	0	0.01	0.01
34	Lakshadweep	0	0	0	0	0
35	Puducherry	0.07	0.07	0.07	0.05	0.08
TOTAL		89.02	89.07	94.66	112.48	121.21
Ranking of Maharashtra in India		17	15	16	17	17

EXPORT SECTOR

TABLE No. 20
EXPORT OF MARINE FISH PRODUCTS FROM MUMBAI & JAWAHARLALNEHRU PORT TRUST
(Quantity - In Tonne, Value -in Crore)

Sr. No	Variety		Mumbai Port Trust	Jawaharlal Nehru Port Trust	Total
1	2		3	4	5
2019-20					
1	Frozen Shrimp	Q V	608 109.17	55600 2589.01	56208 2698.18
2	Live Items	Q V	4 0.22	297 5.14	301 5.36
3	Frozen Cuttle Fish Fillets	Q V	40 3.91	3679 90.88	3719 94.79
4	Frozen Fish	Q V	151 12.72	13845 295.91	13996 308.63
5	Dried Fish	Q V	38 6.03	3495 140.34	3533 146.37
6	Chilled Items	Q V	11 2.39	986 55.58	997 57.97
7	Frozen Squids	Q V	161 14.01	14690 334.97	14851 348.98
8	Others	Q V	451 28.09	42174 847.89	42625 875.98
Total		Q V	1464 176.54	134766 4359.72	136230 4536.26
2020-21					
1	Frozen Shrimp	Q V			37245 1893.30
2	Live Items	Q V			15 1.64
3	Frozen Cuttle Fish Fillets	Q V			3422 76.06
4	Frozen Fish	Q V			14498 322.22
5	Dried Fish	Q V			791 203.27
6	Chilled Items	Q V			553 38.86
7	Frozen Squids	Q V			6126 175.47
8	Others	Q V			48003 970.40
Total		Q V	759 172.11	109894 3509.11	110653 3681.22
2021-22					
1	Frozen Shrimp	Q V	797 47.87	63272 3207.76	64069 3255.63
2	Live Items	Q V	277 5.30	0 0.00	277 5.30
3	Frozen Cuttle Fish Fillets	Q V	1 0.01	3741 113.56	3741 113.57
4	Frozen Fish	Q V	5 0.17	56573 900.70	56578 900.86
5	Dried Fish	Q V	2233 131.69	9141 106.97	11373 238.66
6	Chilled Items	Q V	777 46.85	246 17.34	1023 64.19
7	Frozen Squids	Q V	0 0.00	11046 402.11	11046 402.11
8	Others	Q V	111 2.68	38028 895.38	38140 898.06
Total		Q V	4201 234.56	182046 5643.81	186247 5878.37

Source: - The Marine Products Export Development Authority, GOI, Cochin, Kerala. (Q- Quantity & V-Value)

TABLE No. 20. A**EXPORT OF MARINE FISH PRODUCTS FROM MUMBAI & JAWAHARLALNEHRU PORT TRUST**

(Quantity - In Tonne, Value - in Crore)

Sr. No.	Year	J.N.P.T. Port			Mumbai Port			Maharashtra		
		Quantity in Tonne	Value in Cror	US\$ Million	Quantity in Tonne	Value in Cror	US\$ Million	Quantity in Tonne	Value in Cror	US\$ Million
1	2	3	4	5	6	7	8	9	10	11
1	1990-91	3784	19.31	0	16781	88.05	0	20565	107.36	0
2	1991-92	5973	38.2	0	26454	165.03	0	32427	203.23	0
3	1992-93	15851	96.75	0	38614	209.82	0	54465	306.57	0
4	1993-94	18949	145.78	0	38890	228.35	0	57839	374.13	0
5	1994-95	24653	221.72	0	46006	312.22	0	70659	533.94	0
6	1995-96	24144	211.88	67.26	31213	272.48	86.5	55357	484.36	153.76
7	1996-97	29081	237.17	66.34	42579	281.11	78.63	71660	518.28	144.97
8	1997-98	29403	242.18	66.81	49554	393.97	108.68	78957	636.15	175.49
9	1998-99	42664	368.67	87.99	26528	287.12	68.46	69192	655.79	156.45
10	1999-00	56428	443.78	102.89	26583	217.03	50.26	83011	660.81	153.15
11	2000-01	100348	690.69	151.81	17467	200.73	44.12	117815	891.42	195.93
12	2001-02	91483	699.19	147.11	5803	85.54	18	97286	784.73	165.11
13	2002-03	107972	916.29	190.12	4305	67.97	14.09	112277	984.26	204.21
14	2003-04	95584	837.25	183.35	1873	47.37	10.33	97457	884.62	193.68
15	2004-05	109430	965.32	215.24	2744	72.39	16.17	112174	1037.71	231.41
16	2005-06	120492	1173.04	265.59	3224	69.17	15.62	123716	1242.21	281.21
17	2006-07	137153	1279.5	283.51	2893	67.54	15.01	140046	1347.04	298.52
18	2007-08	104670	1120.9	279.25	2383	116.12	29.14	107053	1237.02	308.39
19	2008-09	126853	1487.3	329.52	2319	176.56	38.6	129172	1663.86	368.12
20	2009-10	129318	1564.42	331.46	2349	462.67	97.97	131667	2027.09	429.43
21	2010-11	155829	1970.65	437.73	1965	273.49	60.73	157794	2244.14	498.46
22	2011-12	148891	2151.66	452.57	2973	268.51	55.68	151864	2420.17	508.25
23	2012-13	145723	2399.8	448.46	3164	323.77	60.47	148887	2723.57	508.93
24	2013-14	142073	3531.36	584.74	5338	454.76	76.49	147411	3986.12	661.23
25	2014-15	149585	3939.46	648.48	2098	333.72	54.83	151683	4273.18	703.31
26	2015-16	125751	3437.5	529.03	1877	235.2	36.17	127628	3672.7	565.2
27	2016-17	148654	4023.4	615.93	3099	288.29	34.14	151753	4311.69	650.07
28	2017-18	176408	4741.31	740.1	4412	165.51	32.44	180820	4906.82	772.54
29	2018-19	158213	4811.12	694.56	2633	309.49	44.61	160846	5120.61	739.17
30	2019-20	134766	4359.71	623.4	1464	176.55	25.22	136230	4536.26	648.62
31	2020-21	109894	3509.11	478.8	759	172.11	23.55	110653	3681.22	502.35
32	2021-22	182046	5643.81	767.5	4201	234.56	31.81	186247	5878.37	799.31

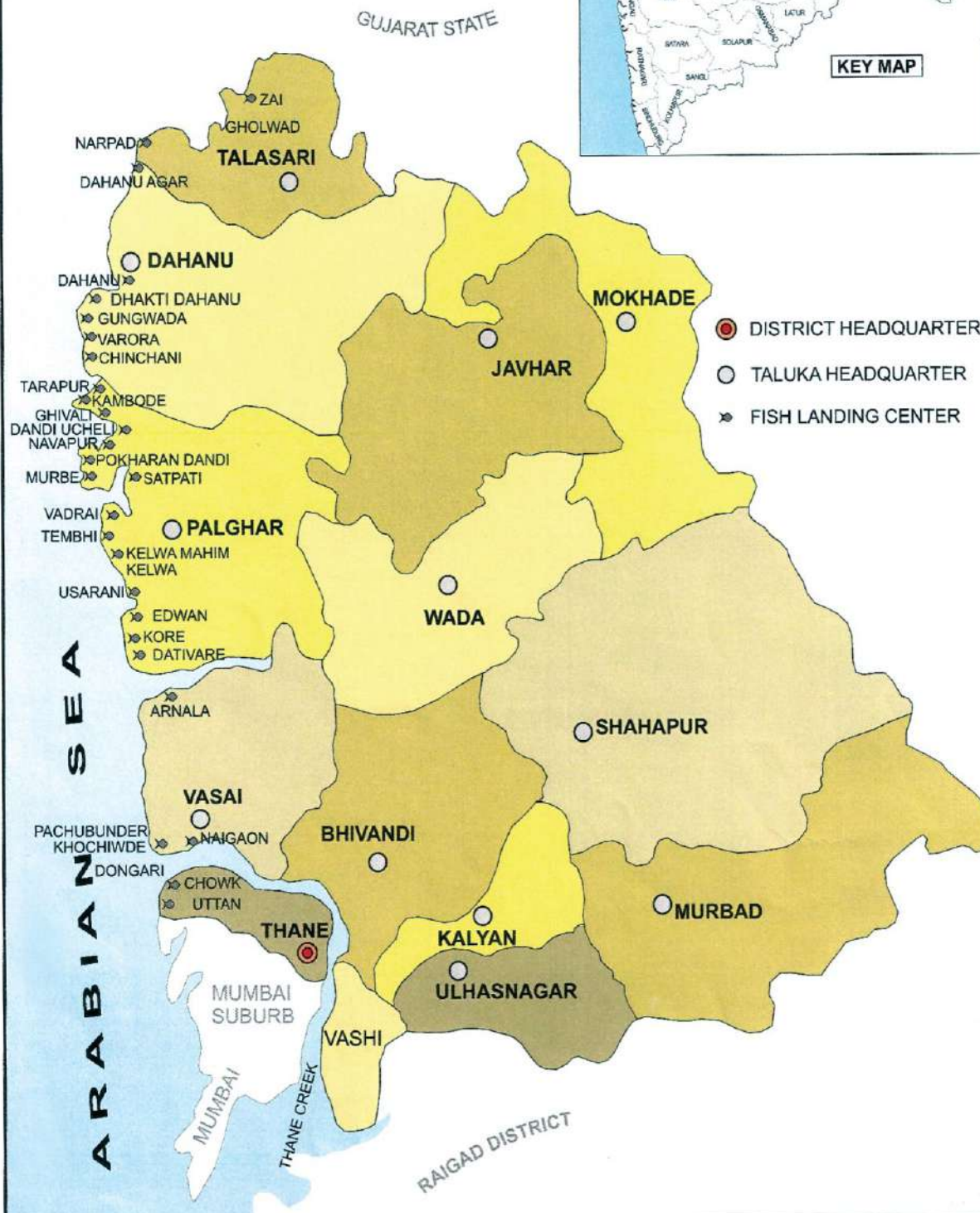
MISCELLANEOUS

SCIENTIFIC, ENGLISH AND LOCAL NAME OF FISH SPECIES FOUND IN MAHARASHTRA STATE.

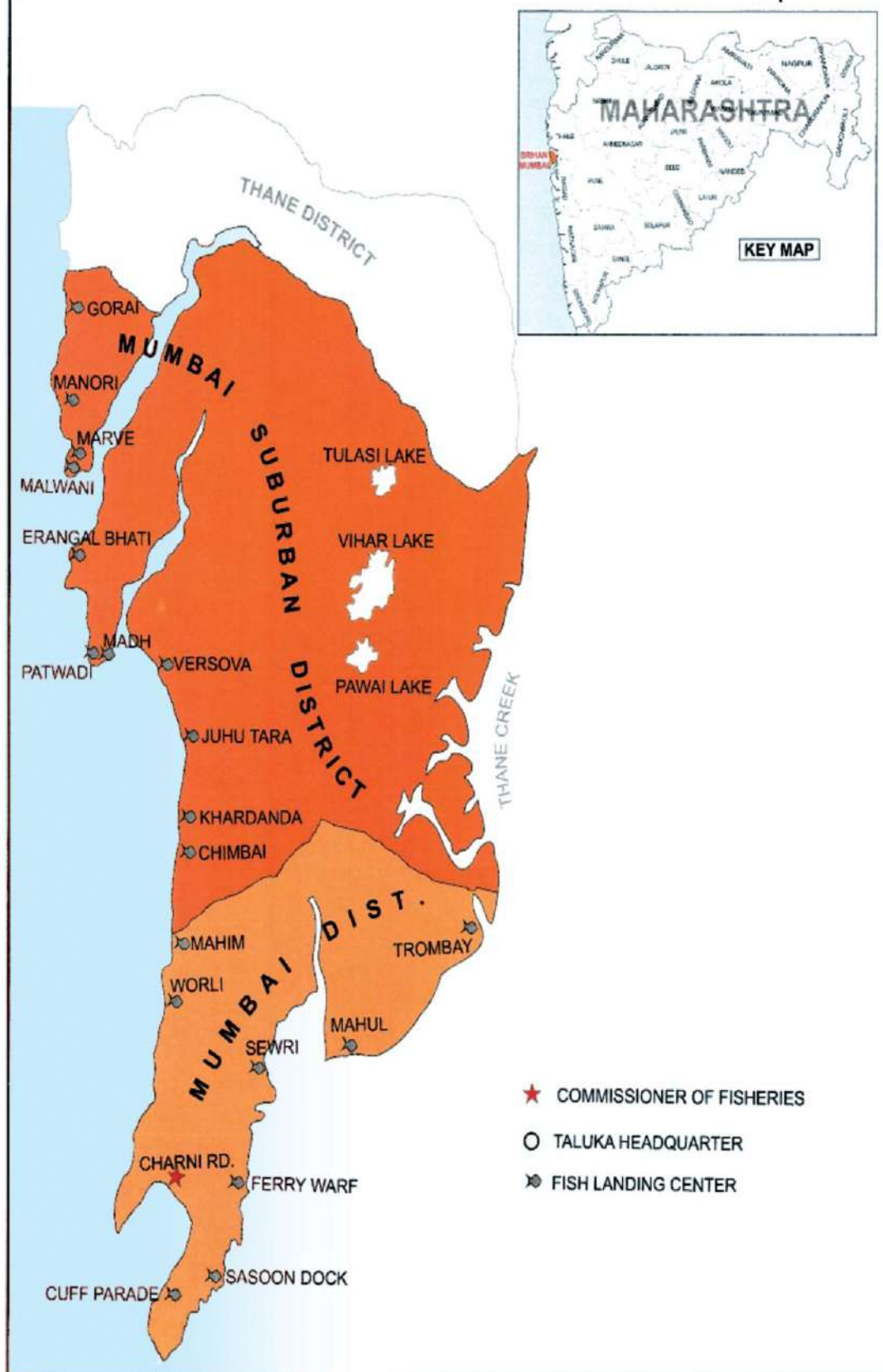
Sr. No.	Scientific Name	Common English Name	Local Name in Marathi
1	2	3	4
1	Anchovies	Golden Anchovye	मांदेली
2	Black Pomfrets	Black Pomfrets	हलवा
3	Bregmaceros / McClellandi	Unicorn cod.	तेंडली
4	Sphyaena Spp. (Barracudas)	Other Carangids	कोकरी, नार्वी, टोकी
5	Caranx	Horse Mackerals	खरबाबांगडा
6	Catfishes	Catfish	शिंगाडा
7	Loligo duvauceli (Cephalopoda)	Cuttlefishes	म्हाकुळ
8	Chirocentrus SPP.	Silver bar/Walf Heming	कर्ली, दाताळी
9	Eels	Eels	वाम
10	Elasmobranchs	Shark & Rays	मुशी, पाकट, वागळी
11	Harpodon Nehereus	Bombay Duck	बोंबील
12	Hilsa Ilisha	Hilsa Shad & Giant Herrings	भिंंग, पाला
13	Lactarius	Big-Jawed Jumper	सौदाळा
14	Leiognathus	Ponyfishes	खाप
15	Natantion Decapods (Lobsters)	Lobster	शेंवड
16	Mackerels	Indian Mackerals	बांगडा
17	Non-Penaeids Prawns	Shrimps	जवळा, करंदी
18	Other Clupieds	White Sardine	खवली, पातुर्डी
19	Otolithes species	Cracker	ढोमा, ढोडी
20	Penaid Prawns	Prawn	कोळंबी
21	Perches	Groupers	करकरा, खजुरा
22	Polynemidae	Thread Fins	दाढा, रावस
23	Pomfrets	Pomfret	सरंगा
24	Red Snapper	Redsnapper	तांब
25	Ribbon Fishes	Ribbonfish	बळा, वाकटी
26	Sardine	Sardine and Oil Sardine	पेडवा, पेडी, भिलजी, तारली
27	Sciaenids	Jew Fish & Dori	घोळ, कोथ
28	Seerfishes	Seerfish	सुरमई/डागोळ/फलई
29	Soles	Soles	लेप
30	Thrissoles	Mustached Anehovy	काटी
31	Tuna	Tuna	गेदर, कुपा
32	Upeneus Spp.	Goat Fish	चिराटी, राणे, बामणे
33	Miscellaneous	Miscellaneous (Others)	संकीर्ण/इतर

MAP No. 1

THANE DISTRICT FISH LANDING CENTERS

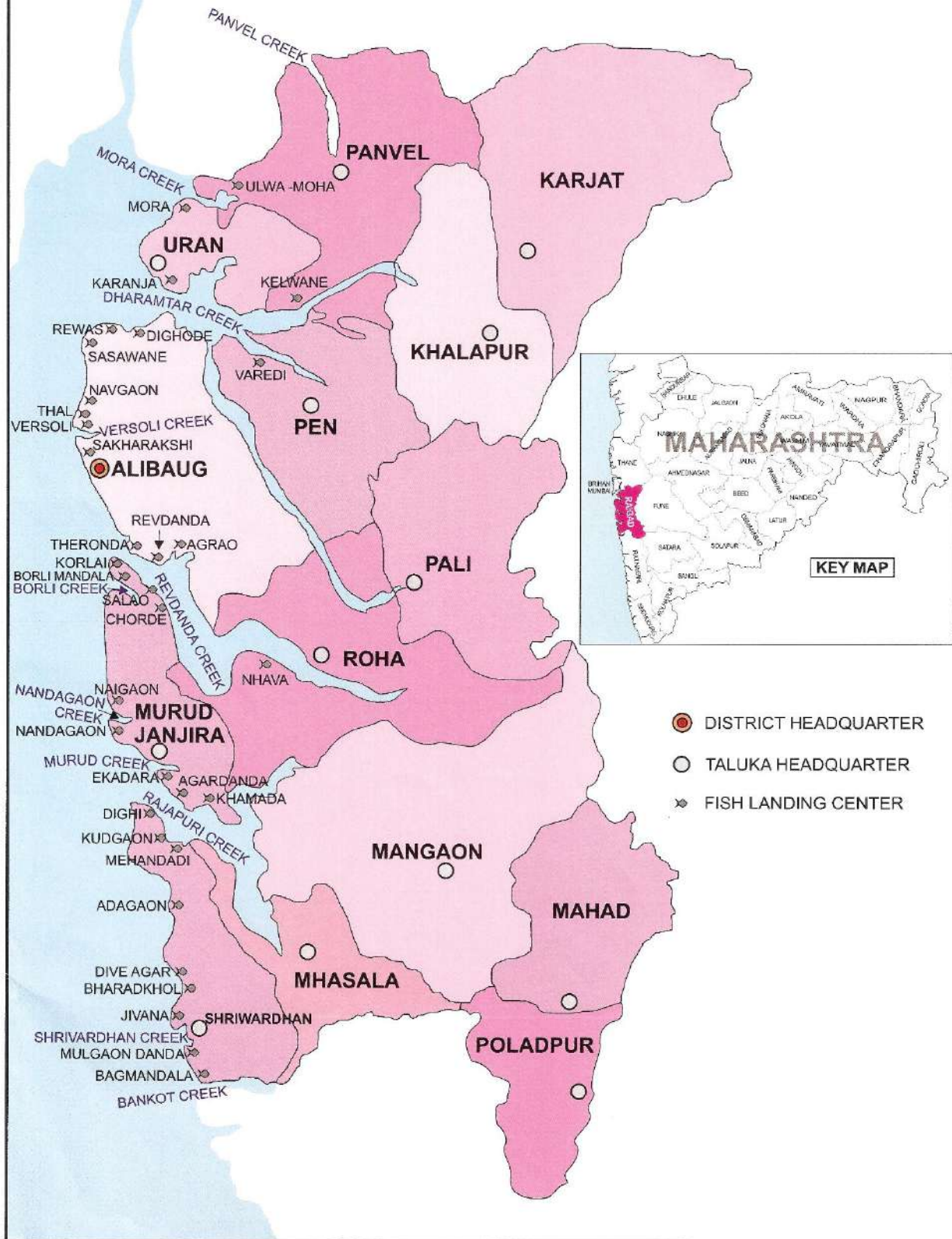


**BRIHAN MUMBAI
FISH LANDING CENTERS**



MAP No. 3

RAIGAD DISTRICT FISH LANDING CENTERS



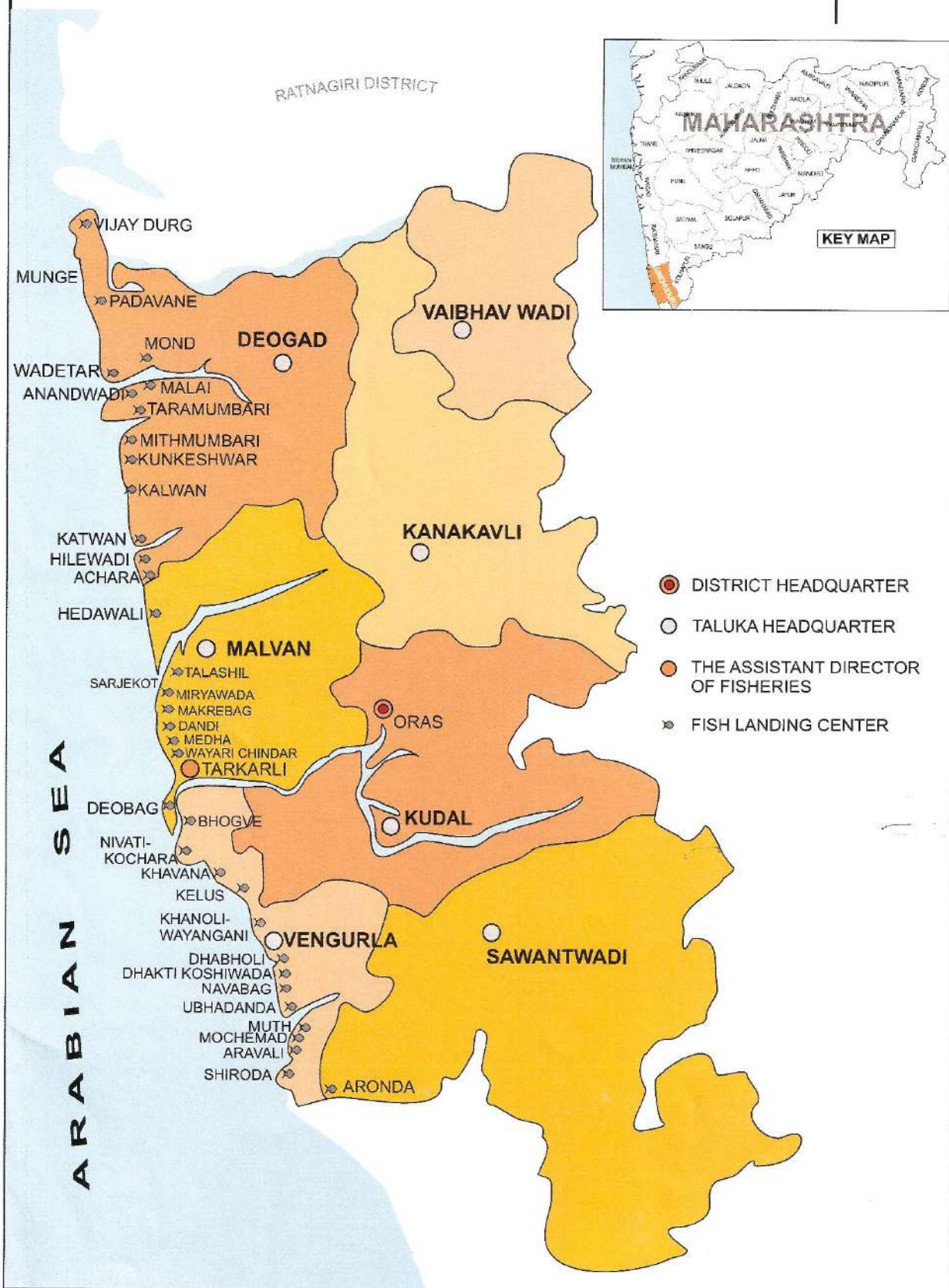
MAP No. 4

RATNAGIRI DISTRICT FISH LANDING CENTERS



MAP No. 5

SINDHUDURG DISTRICT FISH LANDING CENTERS



Government Central Press, Mumbai



OFFICE OF THE COMMISSIONER OF FISHERIES
Taraporewala aquarium, Netaji Subhash Road
Mumbai-400002