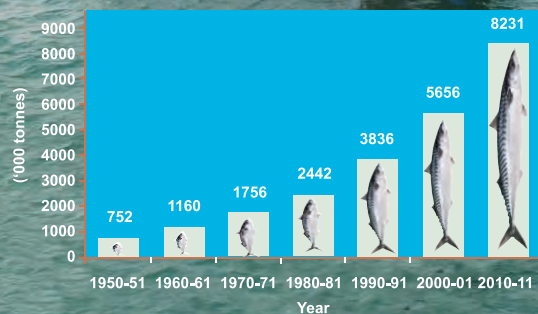


HANDBOOK ON FISHERIES STATISTICS 2011



Government of India
Ministry of Agriculture
Department of Animal Husbandry, Dairying and Fisheries
Krishi Bhavan, New Delhi



HANDBOOK ON FISHERIES STATISTICS 2011

October, 2012

DEPARTMENT OF ANIMAL HUSBANDRY, DAIRYING AND FISHERIES
MINISTRY OF AGRICULTURE
GOVERNMENT OF INDIA, NEW DELHI

PREFACE

This is the eleventh edition of the 'Handbook on Fisheries Statistics'. This publication intends to serve as a reference book for data on various aspects of the Fisheries sector. I hope that the data users will find the publication very useful.

Fisheries Sector occupies a very important place in the socio-economic development of the country. It is a source of livelihood for over 14 million people and contributed about ₹13000 crores through export during 2010-11. India is the 2nd largest producer of fish in the world with a share of 5.43% of the total fish produced world wide, preceded only by China as per FAO Statistics 2009.


The country has a long coastline of 8118 km. and an equally large area under estuaries, backwaters, lagoons, etc. which is highly amenable for developing capture as well as culture fisheries. The vast resources both inland and marine are indicative of the immense growth potential of the sector.

Fish production has increased from a level of 0.75 million tonnes in 1950-51 to 8.23 million tonnes in 2010-11 registering an average annual growth of more than five percent during the last consecutive three years. Fish production in 2010-11 consisted of 4.98 million tonnes from inland and 3.25 million tonnes from marine resources. In terms of GDP contribution from the Fishery Sector, it shares 0.79 percent of the total GDP and 4.39 percent of the entire Agriculture Sector's GDP at current prices for the year 2010-11.

I take this opportunity to express my thanks to officers in States & UTs and other agencies, who have wholeheartedly co-operated with us by supplying necessary information for the Handbook. I also wish to place on record my appreciation for all officers of the Fisheries Division, especially the Statistics Unit for bringing out this publication. I hope this publication would be useful for the Planners, Policy makers, Researchers and others working for the well being of the sector.

Suggestions for improvement in the contents and presentation of the Hand Book will be highly appreciated.

New Delhi
October, 2012


(Gokul Chandra Pati)
Secretary
Department of Animal Husbandry,
Dairying & Fisheries
Ministry of Agriculture
Government of India

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FIGURES AT A GLANCE

1. Area of the country	3.29 million sq. km.
2. Length of Coastline	8118 kms
3. Exclusive Economic Zone	2.02 million sq. km.
4. Continental shelf area (approx.)	0.53 million sq. km.
5. Fish Production in 2010-11 (million tonnes)	Marine 3.25 Inland 4.98 Total 8.23
6. Export of fisheries products, 2010-11	
a) Quantity ('000 Tonnes)	813.09
b) Value (₹ crores)	12901.46
7. Contribution of fisheries to Gross Domestic Product (GDP), 2010-11 at current prices	
a) GDP from fisheries	₹ 57369 Crores
b) Contribution of fisheries sector to	
i. Total GDP	0.79 per cent
ii. GDP from Agriculture sector	4.39 per cent
8. Population	
a) On March 1, 2001	1028.70 million
b) On March 1, 2011	1210.19 million
c) Annual Exponential Growth Rate 1901-2011	1.67%
d) Decadal changes in %	17.64

9. Fishermen population (as per Livestock Census, 2003)

a) No. of family members	
i. Total	14,485,354
ii. Males	4,696,158
iii. Females	4,033,963
iv. Children	5,755,233
b) Engaged in fishing operations	
i. Full time	933,124
ii. Part time	1,072,079
c) Engaged in fishing related activities other than actual fishing	
i. Marketing of fish	391,000
ii. Repair of fishing nets	245,100
iii. Processing of fish	46,200
iv. Other activities	334,700



SECTION : A

PRODUCTION AND DISPOSAL



TABLE A-1 FISH PRODUCTION IN INDIA FOR THE PERIOD - 1950-51 TO 2010-11

Year	Fish Production ('000 tonnes)			Average Annual Growth Rate (Per cent)		
	Marine	Inland	Total	Marine	Inland	Total
1950-51	534	218	752	-	-	-
1955-56	596	243	839	2.32	2.29	2.31
1960-61	880	280	1160	9.53	3.05	7.65
1965-66	824	507	1331	-1.27	16.21	2.95
1970-71	1086	670	1756	6.36	6.43	6.39
1973-74	1210	748	1958	3.81	3.88	3.83
1978-79	1490	816	2306	4.63	1.82	3.55
1979-80	1492	848	2340	0.13	3.92	1.47
1980-81	1555	887	2442	4.22	4.60	4.36
1981-82	1445	999	2444	-7.07	12.63	0.08
1982-83	1427	940	2367	-1.25	-5.91	-3.15
1983-84	1519	987	2506	6.45	5.00	5.87
1984-85	1698	1103	2801	11.78	11.75	11.77
1985-86	1716	1160	2876	1.06	5.17	2.68
1986-87	1713	1229	2942	-0.17	5.95	2.29
1987-88	1658	1301	2959	-3.21	5.86	0.58
1988-89	1817	1335	3152	9.59	2.61	6.52
1989-90	2275	1402	3677	25.21	5.02	16.66
1990-91	2300	1536	3836	1.10	9.56	4.32
1991-92	2447	1710	4157	6.39	11.33	8.37
1992-93	2576	1789	4365	5.27	4.62	5.00
1993-94	2649	1995	4644	2.83	11.51	6.39
1994-95	2692	2097	4789	1.62	5.11	3.12
1995-96	2707	2242	4949	0.56	6.91	3.34
1996-97	2967	2381	5348	9.60	6.20	8.06
1997-98	2950	2438	5388	-0.57	2.39	0.75
1998-99	2696	2602	5298	-8.61	6.73	-1.67
1999-00	2852	2823	5675	5.79	8.49	7.12
2000-01	2811	2845	5656	-1.44	0.78	-0.33
2001-02	2830	3126	5956	0.68	9.88	5.30
2002-03	2990	3210	6200	5.65	2.69	4.10
2003-04	2941	3458	6399	-1.64	7.73	3.21
2004-05	2779	3526	6305	-5.51	1.97	-1.47
2005-06	2816	3756	6572	1.33	6.52	4.23
2006-07	3024	3845	6869	7.39	2.37	4.52
2007-08	2920	4207	7127	-3.44	9.41	3.76
2008-09	2978	4638	7616	1.99	10.24	6.56
2009-10	3104	4894	7998	4.23	5.52	5.02
2010-11	3250	4981	8231	4.70	1.78	2.91

Source: i. Central Marine Fisheries Research Institute (CMFRI), Kochi for the period up to 1970-71
ii. State Governments / Union Territory Administrations since for rest of the period.

CHART 1: FISH PRODUCTION DURING RECENT YEARS

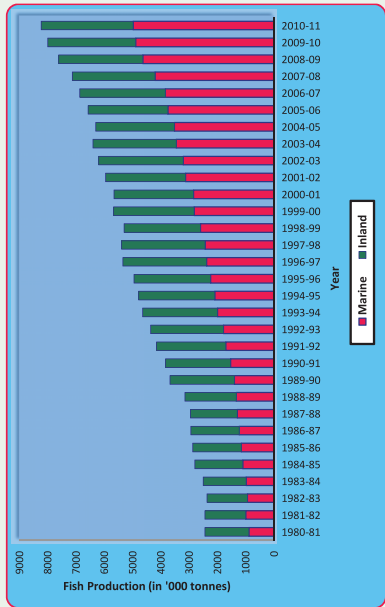


CHART 2: FISH PRODUCTION BY SOURCE DURING SELECTED YEAR

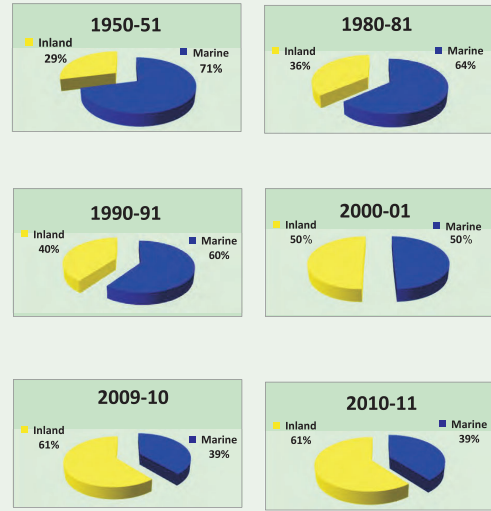


TABLE A-2 FISH PRODUCTION BY STATES / UNION TERRITORIES, (1999-00 TO 2010-11)

Sl. No.	State/Union Territory	1999-00	2000-01	2001-02	2002-03	2003-04
1	Andhra Pradesh	547.06	589.69	676.11	827.90	944.64
2	Arunachal Pradesh	2.40	2.50	2.60	2.60	2.65
3	Assam	159.77	158.62	161.45	165.52	181.00
4	Bihar	254.74	222.16	240.40	261.00	266.49
5	Goa	65.62	71.57	69.92	76.53	87.36
6	Gujarat	741.28	660.74	701.60	777.91	654.62
7	Haryana	30.00	33.04	34.57	35.18	39.13
8	Himachal Pradesh	7.00	7.02	7.22	7.24	6.53
9	Jammu & Kashmir	19.01	17.51	18.85	19.75	19.75
10	Karnataka	322.30	333.37	249.61	266.42	257.00
11	Kerala	667.85	651.81	671.82	678.32	684.7
12	Madhya Pradesh	127.43	48.84	47.46	42.17	50.82
13	Maharashtra	533.29	526.10	537.05	514.10	545.13
14	Manipur	15.51	16.05	16.45	16.60	17.60
15	Meghalaya	4.68	6.18	4.97	5.37	5.15
16	Mizoram	2.89	2.86	3.15	3.25	3.38
17	Nagaland	5.00	5.50	5.20	5.50	5.56
18	Odisha	261.24	259.64	281.95	287.53	306.9
19	Punjab	47.18	52.00	58.00	66.00	83.65
20	Rajasthan	12.97	12.12	14.27	25.60	14.3
21	Sikkim	0.14	0.14	0.14	0.14	0.14
22	Tamil Nadu	475.00	481.42	485.00	473.50	474.14
23	Tripura	29.34	29.42	29.45	29.52	17.98
24	Uttar Pradesh	192.71	208.29	225.37	249.84	267.00
25	West Bengal	1045.70	1060.23	1100.10	1120.00	1169.60
26	A & N Islands	28.20	27.68	27.08	28.30	31.15
27	Chandigarh	0.03	0.08	0.04	0.08	0.08
28	Dadra and Nagar Haveli	0.03	0.04	0.05	0.05	0.05
29	Daman and Diu	15.95	16.38	21.52	11.26	13.77
30	Delhi	4.30	3.98	3.20	2.25	2.10
31	Lakshadweep	13.60	12.00	13.65	7.50	10.03
32	Puducherry	42.83	43.30	44.50	45.02	48.00
33	Chhattisgarh	0.00	43.39	95.76	99.80	111.05
34	Uttarakhand	0.00	9.07	6.42	2.55	2.56
35	Jharkhand	0.00	42.6	101.00	45.38	75.38
	INDIA	5675.03	5655.34	5955.93	6199.68	6399.39

Source : Director / Commissioner of Fisheries State Govt. / UTs Administration

TABLE A-2 FISH PRODUCTION BY STATES / UNION TERRITORIES, (1999-00 TO 2010-11)

	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
	853.05	891.09	856.93	1010.09	1252.78	1305.86	1368.20
	2.70	2.75	2.77	2.83	2.88	2.65	3.15
	186.31	188.01	181.48	190.32	206.15	218.82	227.24
	267.51	279.53	267.04	319.10	300.65	297.40	299.91
	99.04	104.95	102.40	33.43	86.21	85.36	93.27
	635.21	733.82	747.33	721.91	765.90	771.51	774.90
	42.05	48.20	60.08	67.24	76.29	100.46	96.19
	6.90	7.30	6.89	7.85	7.79	7.85	7.38
	19.10	19.15	19.20	17.33	19.27	19.30	19.70
	251.23	297.57	292.46	297.67	361.85	420.06	526.58
	678.31	636.89	677.63	667.33	685.99	698.86	681.61
	62.06	61.07	65.04	63.89	68.47	66.12	56.45
	548.02	580.54	595.94	556.45	523.10	550.36	595.25
	17.80	18.22	18.61	18.60	18.80	19.20	20.20
	5.64	4.12	5.49	4.00	3.96	4.33	4.56
	3.68	3.75	3.76	3.76	2.89	3.25	2.90
	4.90	5.50	5.80	5.80	6.18	6.36	6.59
	315.59	325.45	342.04	349.48	374.82	382.55	386.19
	77.70	85.64	86.70	78.73	86.21	122.86	97.04
	16.39	18.50	22.20	25.70	24.10	26.91	28.20
	0.14	0.15	0.15	0.18	0.17	0.17	0.18
	459.43	463.03	542.28	559.36	534.17	582.93	614.81
	19.84	23.87	28.63	36.25	36.00	42.28	49.23
	277.07	289.58	306.73	325.95	349.27	352.93	417.48
	1215.00	1250.00	1359.10	1447.26	1484.00	1517.01	1443.26
	32.68	12.10	28.69	28.69	32.49	33.16	33.92
	0.08	0.09	0.17	0.21	0.24	0.24	0.24
	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	12.51	17.79	16.41	26.36	14.14	15.88	16.97
	1.41	0.70	0.61	0.61	0.72	0.71	0.82
	11.96	11.96	11.75	11.04	12.59	12.37	12.37
	36.75	21.45	39.67	39.01	40.30	41.95	41.95
	120.07	131.75	137.75	139.37	158.70	174.25	228.21
	2.57	2.79	3.00	3.09	3.16	3.49	3.82
	22.00	34.27	34.27	67.89	75.80	70.50	71.89
	6304.75	6571.63	6869.05	7126.83	7616.09	7997.99	8230.71

TABLE A-3 MARINE FISH PRODUCTION BY STATES / UNION TERRITORIES, (1999-00 TO 2010-11)

		(In '000 tonnes)				
Sl. No.	State/Union Territory	1999-00	2000-01	2001-02	2002-03	2003-04
1	Andhra Pradesh	166.48	182.50	204.94	248.50	263.93
2	Goa	62.11	67.33	66.55	72.29	83.76
3	Gujarat	670.95	620.47	650.83	743.64	609.14
4	Karnataka	195.63	205.90	128.42	180.16	187.00
5	Kerala	593.72	566.57	593.78	603.29	608.52
6	Maharashtra	397.90	402.84	414.27	386.86	420.01
7	Odisha	125.94	121.09	113.89	115.01	116.88
8	Tamil Nadu	363.00	367.86	371.00	371.50	373.00
9	West Bengal	180.00	181.00	184.30	181.50	181.60
10	A & N Islands	28.15	27.62	27.02	28.23	31.06
11	Daman & Diu	15.95	16.38	21.52	11.26	13.77
12	Lakshadweep	13.60	12.00	13.65	7.50	10.03
13	Puducherry	38.62	38.95	39.60	40.11	42.80
	INDIA	2852.05	2810.50	2829.77	2989.85	2941.50

Source : Director / Commissioner of Fisheries State Govt. / UTs Administration

TABLE A-3 MARINE FISH PRODUCTION BY STATES / UNION TERRITORIES, (1999-00 TO 2010-11)

		(In '000 tonnes)						
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
		210.73	218.84	240.20	254.89	291.16	293.15	288.64
		94.81	100.91	98.97	32.26	83.14	81.93	89.96
		584.78	663.88	670.51	644.53	623.05	687.44	688.93
		171.23	176.97	168.54	175.57	218.14	248.73	340.57
		601.86	558.91	598.06	586.29	583.15	570.01	560.40
		417.77	445.34	464.09	419.82	395.96	415.77	446.70
		121.93	122.21	128.14	130.77	135.49	129.33	133.48
		307.69	307.99	387.25	393.27	365.28	401.13	404.61
		179.50	160.00	178.10	182.74	189.29	179.00	191.11
		32.60	12.05	28.60	28.60	32.33	33.00	33.74
		12.51	17.72	16.35	26.28	14.06	15.88	16.85
		11.96	11.96	11.75	11.04	12.59	12.37	12.37
		31.50	19.27	33.81	33.44	34.55	36.10	36.10
		2778.87	2816.05	3024.17	2919.50	2978.19	3103.84	3249.46

CHART 3: MAJOR FISH PRODUCING STATES (both marine & inland together), 2010-11

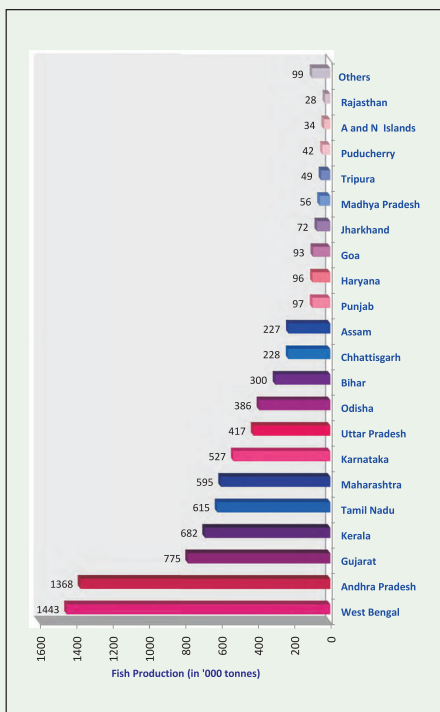


CHART 4: MARINE FISH PRODUCING STATES, 2010-11

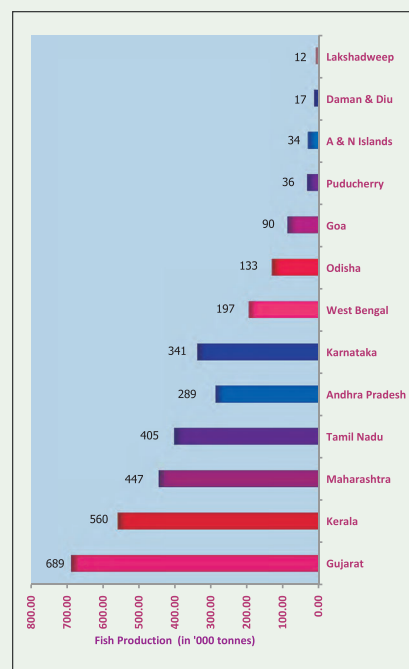


TABLE A-4 INLAND FISH PRODUCTION BY STATES/
UNION TERRITORIES (1999-00 TO 2010-11)

		(In '000 tonnes)				
Sl. No.	State/UTs	1999-00	2000-01	2001-02	2002-03	2003-04
1	Andhra Pradesh	380.58	407.19	471.17	579.4	680.71
2	Arunachal Pradesh	2.40	2.50	2.60	2.60	2.65
3	Assam	159.77	158.62	161.45	165.52	181.00
4	Bihar	254.74	222.16	240.40	261.00	266.49
5	Goa	3.51	4.24	3.37	4.25	3.60
6	Gujarat	70.33	40.26	50.77	34.27	45.48
7	Haryana	30.00	33.04	34.57	35.18	39.13
8	Himachal Pradesh	7.00	7.02	7.22	7.24	6.53
9	Jammu & Kashmir	19.01	17.51	18.85	19.75	19.75
10	Karnataka	126.65	127.47	121.20	86.26	70.00
11	Kerala	74.13	85.23	78.04	75.04	76.18
12	Madhya Pradesh	127.43	48.84	47.46	42.17	50.82
13	Maharashtra	135.39	123.27	122.79	127.24	125.12
14	Manipur	15.51	16.05	16.45	16.60	17.60
15	Meghalaya	4.68	6.18	4.97	5.37	5.15
16	Mizoram	2.89	2.86	3.15	3.25	3.38
17	Nagaland	5.00	5.50	5.20	5.50	5.56
18	Odisha	135.30	138.56	168.06	172.53	190.02
19	Punjab	47.18	52.00	58.00	66.00	83.65
20	Rajasthan	12.97	12.12	14.27	25.60	14.3
21	Sikkim	0.14	0.14	0.14	0.14	0.14
22	Tamil Nadu	112.00	113.56	114.00	102.00	101.14
23	Tripura	29.34	29.42	29.45	29.52	17.98
24	Uttar Pradesh	192.71	208.29	225.37	249.84	267.00
25	West Bengal	865.70	879.23	915.80	938.50	988.00
26	A & N Islands	0.06	0.07	0.06	0.07	0.09
27	Chandigarh	0.03	0.08	0.04	0.08	0.08
28	Dadra & Nagar Haveli	0.03	0.04	0.05	0.05	0.05
29	Daman & Diu	0.00	0.00	0.00	0.00	0.00
30	Delhi	4.30	3.98	3.20	2.25	2.10
31	Lakshadweep	0.00	0.00	0.00	0.00	-
32	Puducherry	4.21	4.35	4.90	4.91	5.20
33	Chhattisgarh	0.00	43.39	95.76	99.80	111.05
34	Uttarakhand	0.00	9.07	6.42	2.55	2.56
35	Jharkhand	0.00	42.60	101.00	45.38	75.38
	INDIA	2822.96	2844.83	3126.18	3209.86	3457.89

Source : Director / Commissioner of Fisheries State Govt. / UTs Administration

TABLE A-4 INLAND FISH PRODUCTION BY STATES/
UNION TERRITORIES (1999-00 TO 2010-11)

		(In '000 tonnes)						
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
		642.32	672.25	616.73	755.20	961.62	1012.71	1079.56
		2.70	2.75	2.77	2.83	2.88	2.65	3.15
		186.32	188.01	181.48	190.32	206.15	218.82	227.24
		267.51	279.53	267.04	319.10	300.65	297.40	299.91
		4.23	4.04	3.43	1.17	3.08	3.44	3.31
		50.43	69.93	76.82	77.38	142.85	84.07	85.97
		42.05	48.20	60.08	67.24	76.28	100.46	96.19
		6.90	7.30	6.89	7.85	7.79	7.85	7.38
		19.10	19.15	19.20	17.33	19.27	19.30	19.70
		80.00	120.60	123.92	122.12	143.72	171.33	186.01
		76.45	77.98	79.57	81.04	102.84	128.84	121.21
		62.06	61.08	65.04	63.89	68.47	66.12	56.45
		130.25	135.20	131.85	136.63	127.14	134.59	148.55
		17.80	18.22	18.61	18.60	18.80	19.20	20.20
		5.64	4.12	5.49	4.00	3.96	4.33	4.56
		3.68	3.75	3.76	3.76	2.89	3.25	2.90
		4.90	5.50	5.80	5.80	6.17	6.36	6.58
		193.66	203.23	213.90	218.72	239.33	253.22	252.71
		77.70	85.64	86.70	78.73	86.21	122.86	97.04
		16.39	18.50	22.20	25.70	24.10	26.91	28.20
		0.14	0.15	0.15	0.18	0.16	0.16	0.18
		151.73	155.04	155.04	166.09	168.88	181.80	210.20
		19.84	23.87	28.63	36.25	36.00	42.28	49.23
		277.07	289.58	306.73	325.95	349.27	392.93	417.48
		1035.50	1090.00	1181.01	1264.53	1294.71	1338.00	1246.15
		0.08	0.04	0.09	0.09	0.16	0.17	0.19
		0.08	0.09	0.17	0.21	0.24	0.24	0.24
		0.05	0.05	0.05	0.05	0.05	0.05	0.05
		0.00	0.07	0.00	0.00	0.08	0.00	0.12
		1.41	0.70	0.61	0.61	0.71	0.71	0.82
		0.00	0.00	0.00	0.00	0.00	0.00	0.00
		5.25	2.18	6.06	5.57	5.75	5.85	5.85
		120.07	131.75	137.75	139.37	158.70	174.25	228.21
		2.57	2.79	3.00	3.09	3.16	3.49	3.82
		22.00	34.27	34.27	67.89	75.80	70.50	71.89
		3525.88	3755.56	3844.84	4207.29	4637.87	4894.14	4981.25

TABLE A-5.1 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2007

		(In tonnes)						
Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	Total
1	Hilsa (<i>Tenualosa ilisha</i>)		3793	1595	16072	196	654	22310
2	Flatfish	2165	1840	2308		10		6323
3	Unicorn cod (<i>Bregmaceros</i> sp.)	2541		40			488	3069
4	Bombay-duck (<i>Harpadon nehereus</i>)	15	1168	38	32107		140	33488
5	Catfish	2144	10874	2666	30171	285	337	46477
6	Lizardfish	7184		1127		7	751	9069
7	Eels (<i>Muraenesox</i> spp.)	1391	2212	555	98		59	4315
8	False trevally (<i>Lactarius lactarius</i>)	4198		941		56	423	5618
9	Silverbellies (<i>Lelognathids</i>)	2328	1868	39200	3650	2450	1486	50982
10	Croakers (<i>Sciaenids</i>)	2961	12792	10666	7239	834	380	34872
11	Goatfish (<i>Upeneus</i> spp.)	7437			429	6		7872
12	Perches (<i>Lutjanus</i> spp.)	4588	2343	19980	4480	4808	2272	38471
13	Half-beaks (<i>Hemirhamus</i> spp.)	6588		4401	305	202	318	11814
14	Flying fish (<i>Exocoetus</i> spp.)	419		1942		19	320	2700
15	Barracuda (<i>Sphyraena</i> spp.)	2248		2677		634	483	6042
16	Mulletts (<i>Mugilids</i>)	791	6616	971	5914	865	1358	16515
17	Indian Salmon (<i>Polynemids</i>)	9621	1600	2259	2205	21	580	16286
18	Carangids (<i>Caranx</i> spp.)	5115		14564	3768	1095	1026	25568
19	Pompano (<i>Trachinotus</i> spp.)	1900						1900
20	Other Carangids	873	3379	3075		2052	956	10335
21	Butterfish (<i>Stromateidae</i>)	5521	8364		8694		849	23428
22	Indian oil sardine (<i>Sardinella longiceps</i>)	4391	5561		8505		3348	21805
23	Anchovies (<i>Engraulidae</i>)	6442	3925	3288	539	2981	690	17865
24	Other clupeids	5824	4344	3736	5055	834	494	20287
25	Wolf herring (<i>Chirocentrus</i> spp.)	2892	2773	7268		14	137	13084
26	Wahoo	1340						1340

TABLE A-5.1 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2007

		(In tonnes)									
		REGION NO. 51 - INDIAN OCEAN WEST									
		Gujarat	Karnataka	Kerala	Maharashtra	Goa	Lakshadweep	Daman & Diu	Total	Total for INDIA	
		3240			1148			913	5301	27611	
		8121	4565		7110	1950		116	21862	28185	
					424				424	3493	
		114370			70362			540	185272	218740	
		37821	597		13848	1821		1296	55383	101860	
			4964		2698				7662	16731	
		7591	21	169	3358			195	11334	15649	
			2963	3576	2770				9309	14927	
			4781	5426	3584	1664		149	15604	66586	
		135947	2377	9636	21720	1938		5745	177363	212235	
					13760			56	13816	21688	
		23666		32272	699	950	217	1373	59177	97648	
					701	938	4822		6510	18324	
								140	140	2640	
					1598			20	1663	7705	
		6120	215	44	598	102		259	7338	23853	
		1268	26	70	1331	25		598	3318	19604	
					27583	6589	401	236	775	35584	61152
								31	31	1931	
		20168	1176	22257				211	43812	54147	
			1572	9558	10938	665		178	22911	46339	
			45637	155993	27215	28173		98	257116	278921	
		10426	2366	33118	23742	3		951	70606	88471	
		14684	2425	16140	2109	2023		1255	38636	58923	
		9297	263	2865	251			313	12989	28073	
					559				559	1899	

continued...

TABLE A-5.1 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2007

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
27	Spanish mackerel	2012	1811	15454				19277
28	Indo-Pacific king mackerel	2042	425					2467
29	Straked seerfish (<i>Scomberomorus lineatus</i>)	2423	21					2444
30	Seerfish (<i>Scomberomorus</i> spp.)	4915		9143	659	1204	1911	17832
31	Frigate & Bullet tuna	9832					100	9932
32	Kawa kawa (<i>Euthynnus affinis</i>)	1835	705	4806			94	7940
33	Skipjack tuna (<i>Katsuwonus pelamis</i>)	315				124	300	739
34	Longtail tuna (<i>Thunnus tonggol</i>)	759				64		823
35	Marlin	355						355
36	Other tuna like fishes	365				2359		2724
37	Haifail (<i>Trichiurus</i> spp.)	777	9071	989	8195		651	19683
38	Indian mackerel (<i>Rastrelliger kanagurta</i>)	3643	5476		7470		2246	18635
39	Shark/Rays/Skates (<i>Elasmobranchs</i>)	8338	6972	21155	123	2956	1158	40702
40	Peneaeid prawns	21735	12672	22027	11001	586	1674	69695
41	Non-Peneaeid Prawn	24987	1801	4881	5527	18	398	37612
42	Other Crustaceans	30723		1578			671	32972
43	Crab	326			894	571		1791
44	Squids and cuttlefish	38	1535	9581		12	480	11646
45	Other molluscs	3623	568					4191
46	Yellowfin tuna (<i>Thunnus albacares</i>)	2065	27		225	72	1352	3741
47	Bigeye tuna (<i>Thunnus obesus</i>)	1724				64		1788
48	Indo-Pacific sailfin	332						332
49	Swordfish (<i>Xiphias gladius</i>)					17		17
50	Deep-sea fishes	3350						3350
51	Miscellaneous	33965	23706	189759	14773	2495	4282	268980
	TOTAL	251396	138242	402670	178098	28005	33272	1031683

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TABLE A-5.1 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2007

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Maharashtra	Goa	Lakshadweep	Daman & Diu	Total	Total for INDIA
						335	335	19612
		45538					45538	48005
			9841				9841	12285
14460	3511	2551		4407	95	696	25720	43552
	1157		5336		1331	127	7951	17883
				226	532	474	1232	9172
				1916	4871	156	6943	7682
			12258		2140	79	14477	15300
						21	21	376
						113	113	2837
35869	7616		34186	1368		1882	80921	100604
	4541		29530	19930		414	54415	73250
26194	2811	3203	10217	1228	75	953	44681	85383
12686	12742	49165	47836	8642		50	131121	200816
42567		1689	57017			141	101414	139026
2615	12416	431	664			41	16167	49139
			4539	2035	819	66	7459	9250
20526	14775	14912	17512	330		381	68436	80082
2209	620						2829	7020
14830						158	14988	18729
						135	135	1923
							0	332
							0	17
							0	3350
139359	34670	129699	57058	6972	1687	3164	372609	641569
704034	168544	582389	489038	91185	11400	24476	2071066	3102748

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TABLE A-5.2 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2008

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
1	Hilsa (<i>Tenulosa ilisha</i>)	224	4146	210	11744	261	19	16604
2	Flatfish	692	1851	7108		26		9677
3	Unicorn cod (<i>Bregmaceros</i> sp.)	184	2065				242	2491
4	Bombay-duck (<i>Harpadon nehereus</i>)	578	1081		13704		150	15513
5	Catfish	8673	9455		40145	379	719	59371
6	Lizardfish	502		1112		13		1827
7	Eels (<i>Muraenesox</i> spp.)	5976	2088	397	400		26	8887
8	False trevally (<i>Lactarius lactarius</i>)	1233		318		84	327	1962
9	Silverbellies (<i>Leiognathids</i>)	4550	1665	31769	380	2124	1711	42199
10	Croakers (<i>Sciaenids</i>)	2919	9713	12628	37385	1886	479	65010
11	Goatfish (<i>Upeneus</i> spp.)	6543		13184		8		19735
12	Perches (<i>Lutjanus</i> spp.)	8596	6319	23867	5678	5110	2240	51810
13	Half-beaks (<i>Hemirhamphus</i> spp.)	834		2103	151	215	279	3582
14	Flying fish (<i>Exocoetidae</i> spp.)	712		24186		18	430	25346
15	Barracuda (<i>Sphyraena</i> spp.)	10551		10053		1677	612	22893
16	Mulletts (<i>Mugilids</i>)	4962	4716	3892	2384	1010	859	17823
17	Indian Salmon (<i>Polynemids</i>)	8550	1424	2542	605	22	145	13288
18	Carangids (<i>Caranx</i> spp.)	2183		1866	2621	1095	1454	9219
19	Pompano (<i>Trachinotus</i> spp.)	901		11675				12584
20	Other Carangids	2603	3371	8	4869	1716	845	13412
21	Butterfish (<i>Stromateidae</i>)	1876	8356	2065	9799		711	22807
22	Indian oil sardine (<i>Sardinella longiceps</i>)	10901	6774	36932	743		4337	59687
23	Anchovies (<i>Engraulidae</i>)	11141	2987	20452	2567	1643	711	39501
24	Other Clupeids	4420	11509	18545	7880	4327	4337	51018
25	Wolf herring (<i>Chirocentrus</i> spp.)	487	2500	24462		18	620	28067
26	Wahoo						854	854

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TABLE A-5.2 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2008

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Maharashtra	Goa	Lakshadweep	Daman & Diu	Total	Total for INDIA
1701			1225			839	3765	20369
7559	4528		3817	1767		26	17697	27374
			419				419	2910
154709			63570			311	218590	234103
42919	9075	171	11831	1462		1176	66634	128005
	350		834				1184	2811
5517	3181	170	5433			49	14350	23237
	4584	3585	3840				12009	13971
	4471	5408	4772	1658		73	16382	58581
139311		9643	14530	2775		1286	167545	232555
			11931		47		11978	31713
15367	26967	32214	299	276	227	691	76041	127851
			313			44	357	3939
	328	2156			19	43	2546	25439
6200		1637	208	122		80	8247	26070
1064		70	1218	21		253	2626	15914
			27575	11097	2645	163	41480	50699
						31	31	12615
8315	2117	22204		1638		246	34520	47932
	6347	9406	6190	669		151	22763	45570
	41728	156514	24236	32376		2	254856	314543
9550	1809	33143	20687	57		866	66112	105613
16980	3135	16099	1141	1295		1660	40310	91328
6298		264	2376	348		157	9403	37470
				566			566	1420

continued...

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TABLE A-5.2 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2008

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
27	Spanish mackerels	5282					154	5436
28	Indo-Pacific king mackerel	3226						3226
29	Stripped seerfish (<i>Scomberomorus lineatus</i>)	1171		8935	79			1171
30	Seerfish (<i>Scomberomorus</i> spp.)	8651	1817			1215	1922	22619
31	Frigate & Bullet tuna	1386					1470	2856
32	Kawa kawa (<i>Euthynnus affinis</i>)	284	711			84	28	1107
33	Skipjack tuna (<i>Katsuwonus pelamis</i>)	1331				2	20	1353
34	Longtail tuna (<i>Thunnus tonggol</i>)	4235		4845				9080
35	Marlin	304		2422		4		2730
36	Other tuna like fishes	3557	1518	2422		2366		9863
37	Haifail (<i>Trichiurus</i> spp.)	6352	1016	11556	5273		527	24724
38	Indian mackerel (<i>Rastrelliger kanagurta</i>)	8270		16480	2428		2282	29460
39	Shark/Rays/Skates (<i>Elosoobranchs</i>)	13808	4194	11556	4133	3489	1246	38426
40	Peneaeid prawn	43386	29207	17950	9600	426	1559	102128
41	Non-Peneaeid Prawn	9587	14105	5162	6400	178	357	35789
42	Other Crustaceans	6611		635	73		605	7924
43	Crab	833	1822	26865		563		30083
44	Squids & Cuttlefish	3575	2110	6116		12		11813
45	Other molluscs	1022	24				1532	2578
46	Yellowfin tuna (<i>Thunnus albacares</i>)	5298		4845	4	2	1471	11620
47	Bigeye tuna (<i>Thunnus obesus</i>)	5012				71		5083
48	Indo-Pacific sailfin	27						27
49	Swordfish (<i>Xiphias gladius</i>)	1202				19		1221
50	Deep-sea fishes	15779						15779
51	Miscellaneous	62285	21477	4884	8411	2732	4321	104110
TOTAL		313253	155956	376112	177456	32795	39601	1095173

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TABLE A-5.2 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2008

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST									
Gujarat	Karnataka	Kerala	Maharashtra	Goa	Lakshadweep	Daman & Diu	Total	Total for INDIA	
						76	76	5512	
		45459					45459	48685	
			7607				7607	8778	
11071	4199	2560		3773		772	22375	44994	
			4180		99		4279	7135	
				455	1420	395	2270	3377	
		1465		70	7119	169	8823	10178	
			12263		590	192	13045	22125	
					102		102	2832	
						190	190	10053	
26986	2566		29619	2095		1321	62587	87311	
	13120		12667	2597		291	28675	58135	
19658	9274	3208	7583	1552	58	843	42176	80602	
9299	18084	49353	43299			926	120961	223089	
31143	2568	1731	57741	7583		100	100866	138655	
2225	7500	427	451			13	10616	18540	
			4493	625	1011		66	6195	36278
19301	7791	14879	12186	295		656	55108	66921	
552	7364						7916	10494	
10366						169	10535	22155	
						146	146	5229	
							0	27	
							0	1221	
							0	15779	
142565	43196	128527	36094	5896	1912	3023	361213	465323	
688616	225747	583159	402019	73002	11727	17495	2001765	3098938	

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TABLE A-5.3 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2009

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
1	Hilsa (<i>Tenulosa ilisha</i>)	230	3256	58	10560	280	7	14391
2	Flatfish	712	1624	6638		9	795	9778
3	Unicorn cod (<i>Bregmaceros</i> sp.)	190		2042			253	2485
4	Bombay-duck (<i>Harpadon nehereus</i>)	595	1317		15009		169	17090
5	Catfish	8928	9447		28450	385	722	47932
6	Lizardfish	517		1163		25		1705
7	Eels (<i>Muraenesox</i> spp.)	6152	2213	741	236		13	9355
8	False trevally (<i>Lactarius lactarius</i>)	1768		859		91	805	3523
9	Silverbellies (<i>Leiognathids</i>)	4684	2214	29765	1506	2200	1802	42171
10	Croakers (<i>Sciaenids</i>)	3005	11537	13468	24605	1920	525	55060
11	Goatfish (<i>Upeneus</i> spp.)	6736		15057	225	10		22028
12	Perches (<i>Lutjanus</i> spp.)	8849	10199	21003	12853	5340	1782	60026
13	Half-beaks (<i>Hemirhamphus</i> spp.)	858		2447	367	312	307	4291
14	Flying fish (<i>Exocoetidae</i> spp.)	733		3931			428	5092
15	Barracuda (<i>Sphyraena</i> spp.)	4519		2286		1430	723	8958
16	Mulletts (<i>Mugilids</i>)	5108	8044	2888	4782	1100	905	22827
17	Indian salmon (<i>Polynemids</i>)	8802	1650	1925	2075	321	202	14975
18	Carangids (<i>Caranx</i> spp.)	2247		11793	2888		1566	18494
19	Pompano (<i>Trachinotus</i> spp.)	936		1003				1939
20	Other Carangids	2680	4973		9719	2640	388	20400
21	Butterfish (<i>Stromateidae</i>)	1931	8177	2086	6835		883	19912
22	Indian oil sardine (<i>Sardinella longiceps</i>)	11222	6707	37345	1228		1892	58394
23	Anchovies (<i>Engraulidae</i>)	11469	3826	14039	4619	1684	589	36026
24	Other clupeids	4550	11298	23185	8066	4585	816	52500
25	Wolf herring (<i>Chirocentrus</i> spp.)	481	2515	24710			242	27948
26	Spanish mackerels	5437						5437

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TABLE A-5.3 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2009

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Maharashtra	Goa	Lakshadweep	Daman & Diu	Total	Total for INDIA
1616			1225			375	1600	15991
10184	5932		3817	1532		88	11369	21147
			419				419	2904
112305			63570	51		495	64116	81206
40447		169	11831			1001	13001	60933
	8253		834			14	9101	10806
5345	149	169	2018			24	2360	11715
	511	3544	2017				8072	9595
	5632	5336	537	1976		20	13501	55672
161660	722	9522	14530	2207		1014	27995	83055
			11931		57		11988	34016
21454	27467	31107	299	266	234	588	59961	119987
			313			28	341	4832
					136	34	170	5262
	512	2118			20	13	2663	11621
5332		1636	208	236		77	2157	24984
1438		69	1218			176	1463	16438
		27429	11097	4035		640	43201	61695
						17	17	1956
10024	358	21410		15169		286	37223	57623
	6847	9470	6190	1637		151	24295	44207
	59570	154247	24236	23496		56	261605	319999
10627	2640	32506	20687			782	56615	92641
17576	1978	15546	1141	3		893	19561	72061
6568		264	2376			235	2875	30823
						259	259	5696

continued...

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**TABLE A-5. MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2009**

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
27	Indo-Pacific king mackerel	3320						3320
28	Strreaked seerfish (<i>Scomberomus lineatus</i>)	1205						1205
29	Seerfish (<i>Scomberomus</i> spp.)	8906	2751	9025	1125	1021	2050	24878
30	Frigate & Bullet tuna	1427					1804	3231
31	Kawa kawa (<i>Euthynnus affinis</i>)	292	358			26		676
32	Skipjack tuna (<i>Katsuwonus pelamis</i>)	1370						1370
33	Longtail tuna (<i>Thunnus longipinnis</i>)	4359				68		4427
34	Martin	313				2415		2728
35	Other tuna like fishes	3662	4399	4894				12955
36	Hairtail (<i>Trichiurus</i> spp.)	6539	5415	7541	5919		583	25997
37	Indian mackerel (<i>Rastrelliger kanagurta</i>)	8514		11673	9949		2363	32499
38	Shark/Rays/Skates (<i>Elasmobranchs</i>)	14214	4764	16647	4826	1838	1179	43468
39	Penaeid prawn	27007	11310	30085	8532	488	1777	79199
40	Non-Penaeid Prawn	9869	2755	8063	3832	190	294	25003
41	Other Crustaceans	6805	27	27798	76		673	35379
42	Crab	857	2314		400	704		4275
43	Squids & Cuttlefish	3680	545	6819		14	1503	12561
44	Other molluscs	1052	24					1076
45	Yellowfin tuna (<i>Thunnus albacares</i>)	5454			27	28		5509
46	Bigeye tuna (<i>Thunnus obesus</i>)	5159						5159
47	Indo-Pacific sailfin	28						28
48	Swordfish (<i>Xiphias gladius</i>)	1237				50		1287
49	Deep-sea fishes	16243						16243
50	Miscellaneous	55633	14973	57032	10138	2891	9039	149706
	TOTAL	290484	138432	398009	178847	32065	37079	1074916

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**TABLE A-5.3 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2009**

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST									
Gujarat	Karnataka	Kerala	Maharashtra	Goa	Lakshadweep	Daman & Diu	Total	Total for INDIA	
		45335				50	45385	48705	
			7607				7607	8812	
11058	6446	2517		2285		327	11575	36453	
			4180		105	611	4896	8127	
					1560	110	1670	2346	
	1283				7663	47	8993	10363	
		12183			540	3	12726	17153	
					110	11	121	2849	
				1044			67	1111	14066
28789	15631		29619	558		44	74641	100638	
	27100		12667			589	40356	72655	
16044	1236	3123	7583	1367	51	412	29816	73284	
12195	10128	48456	43299			170	114248	193447	
33400		1714	57741	9795		48	102698	127701	
2519	5088	412	451	71		69	8610	43989	
		4628	625	1349		88	6690	10965	
17090	9090	14538	12186	1595		63	54562	67123	
338	8410						8748	9824	
6141						33	6174	11683	
						97	97	5256	
							0	28	
							0	1287	
							0	16243	
150988	43746	123406	36094	12015	1808	6314	374371	524077	
683138	248729	570854	392546	80687	12284	16419	2004657	3079573	

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**TABLE A-5.4 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2010**

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
1	Hilsa (<i>Tenulosa ilisha</i>)	2267	4428	60	54930	301	50	62036
2	Flatfish	9593	1970	7386		8		18957
3	Unicorn cod (<i>Bregmaceros</i> sp.)	576		2187			325	3088
4	Bombay-duck (<i>Harpodon nehereus</i>)	9939	1767		9991		244	21941
5	Catfish	8759	6927		18253	398	724	35061
6	Lizardfish	1238		1197		9		2444
7	Eels (<i>Muraenesox</i> spp.)	4906	1968	454	199		63	7590
8	False trevally (<i>Lactarius lactarius</i>)	2424		371		118	426	3339
9	Silverbellies (<i>Leiognathids</i>)	3824	2974	33256	475	3060	1492	45081
10	Croakers (<i>Sciaenids</i>)	6773	11992	13080	17697	1914	547	52003
11	Goatfish (<i>Upeneus</i> spp.)	5141		13657	299	9		19106
12	Perches (<i>Lutjanus</i> spp.)	7348	7819	24954	10121	5210	2261	57713
13	Half-beaks (<i>Hemirhamphus</i> spp.)	770		2517	367	304	324	4262
14	Flying fish (<i>Exocoetus</i> spp.)	1987		4044			444	6475
15	Barracuda (<i>Sphyraena</i> spp.)	1333		2245		1616	724	5918
16	Mulletts (<i>Mugilids</i>)	8622	5252	2971	4980	1084	1854	24763
17	Indian salmon (<i>Polynemids</i>)	5413		1981	1448	311	275	9428
18	Carangids (<i>Caranx</i> spp.)	237		12131	2006		1500	15874
19	Pompano (<i>Trachinotus</i> spp.)	1029		985				2014
20	Other Carangids	6946	5179		7115	3235	521	22996
21	Butterfish (<i>Stromateidae</i>)	2066	8003	2048	5964			18081
22	Indian oil sardine (<i>Sardinella longiceps</i>)	10902	7769	36666	1237		3570	60144
23	Anchovies (<i>Engraulidae</i>)	9815	5567	13784	5297	2323	612	37398
24	Other clupeids	6478	15663	22763	6080	3913	829	55726
25	Wolf herring (<i>Chirocentrus</i> spp.)	2826	1578	24260			280	28944
26	Wahoo	2306						2306

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**TABLE A-5.4 MARINE FISH LANDINGS BY SPECIES
COASTAL STATES AND UNION TERRITORIES, 2010**

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Maharashtra	Goa	Lakshadweep	Daman & Diu	Total	Total for INDIA
9919	1053		1256			852	12880	74916
6355	11064		4220	1606		88	23333	42290
			267				267	3355
72703			60931	1		335	133970	155911
32394	1656	167	13493			1135	48845	83906
	9587		1562			6	11155	13599
3048	4349	168	1431			80	9076	16666
	1611	3447	3274				8332	11671
	4305	5266	1168	1584		56	12379	57460
149023	7341	8811	16712	1376		1520	184783	236786
			11119		69		11188	30294
16062	53	30483	386	1303	275	954	49516	107229
	97		462			17	576	4858
	43				153	13	209	6684
	2927	2085			22	11	5045	10963
4961	582	1626	363	158		85	7775	32538
5439		68	896	9		188	6600	16028
	18352	27185	10454	3592		544	80127	76001
						52	52	2066
8822	3903	20765		23831		254	57575	80571
		9448	10689	1116		169	21422	39503
	67910	151971	19075	23732		73	262761	322905
13187	2997	31972	16463	2		1292	65913	103311
13074	2273	15314	600	19		1129	32409	88135
5812		244	2656			240	8952	37896
				185	105			2596

continued...

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TABLE A-5.4 MARINE FISH LANDINGS BY SPECIES COASTAL STATES AND UNION TERRITORIES, 2010

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
27	Spanish mackerels	6111						6111
28	Indo-Pacific king mackerel	893						893
29	Strreaked seerfish (Scomberomorus lineatus)	4365						4365
30	Seerfish (Scomberomorus spp.)	9289	3294	8861	263	816	1877	24400
31	Frigate & Bullet tuna	3955					1622	5577
32	Kawa kawa (Euthynnus affinis)	2724	441					3165
33	Skipjack tuna (Katsuwonus pelamis)	1031				35		1066
34	Longtail tuna (Thunnus tonggidi)	758						758
35	Marlin	776				63		839
36	Other tuna like fishes	1102	2042	4805		2560		10509
37	Haartal (Trichiurus spp.)	5898	6847	2442	4865		2019	22071
38	Indian mackerel (Rastrelliger kanagurta)	15029		11851	9279		1017	37176
39	Shark/Rays/Skates (Elasmobranchs)	14786	4451	16900	7484	2626	4883	51130
40	Peneaeid prawn	24667	10312	30543	10156	468	658	76804
41	Non-Peneaeid Prawn	12340	4051	8185	3575	174		28325
42	Other Crustaceans	8878	5	28222			1117	38222
43	Crab	6806	3009		299	710		10824
44	Squids & Cuttlefish	4668	1173	6923		17		12781
45	Other molluscs	1726	75				1193	2994
46	Yellowfin tuna (Thunnus albacares)	1778			158	23		1959
47	Bigeye tuna (Thunnus obesus)	1004						1004
48	Indo-Pacific snailfish	1697						1697
49	Swordfish (Xiphias gladius)	3038				56		3094
50	Deep-sea fishes	296						296
51	Miscellaneous	25022	15620	62883	12083	2379	4867	122854
	TOTAL	282165	140176	404612	194621	33740	36318	1091622

TABLE A-5.4 MARINE FISH LANDINGS BY SPECIES COASTAL STATES AND UNION TERRITORIES, 2010

(In tonnes)

Gujarat	Karnataka	Kerala	Maharashtra	Goa	Lakshadweep	Daman & Diu	Total	Total for INDIA	
									REGION NO. 51 - INDIAN OCEAN WEST
						125	125	6236	
	1113	45017					151	46281	47174
			7628				342	7970	12335
12295	2306	2539		1229				18369	42769
	484				105	529		1118	6695
						160	168	328	3493
						8475	22	8497	9563
	65	12072					63	12200	12958
	46						3	49	888
			4824	2542			25	7391	17900
54270			24396	839			78	79583	101654
	32333		44164				683	77180	114356
15951	2105	3003	6588	3197	54	485		31383	82513
17286	16074	47678	34455				243	115736	192540
35807	1111	1693	67798	9970			111	116490	144815
2829	3852	402	450	53			41	7627	45849
			4528	1461	783		139	6891	17715
34715	29570	14269	16315	1941	50	355		97215	109986
813								813	3807
4886					1082	41		6009	7968
	389					35		424	1428
	100				86			186	1863
								0	3094
								0	296
157637	110919	120601	38658	8032	1454	4278		441579	564433
677288	340570	560822	424214	87080	12090	16910		2118874	3210496

TABLE A-6.1 INLAND FISH LANDINGS BY SPECIES BY STATES/ UNION TERRITORIES, 2007

(In tonnes)

Sl. No.	States/UTs	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)	Murels (Ophiocep -haulis spp.)	Catfishes (Wallago attu, Pangasius, bagarius)	Other fresh water fishes	Others	Total
1	Andhra Pradesh	446328	130207	76087	11861	12860	19922	104917	802182
2	Andhra Pradesh	1000	610	385		235			2830
3	Assam	76785	29390	23360	10080	17620	44397	650	202382
4	Bihar	134719	60437	5498	19246	2750	52240		274940
5	Goa					111		1889	2000
6	Gujarat	27442			2235	6222	1068	32667	69634
7	Haryana	31575	11694	9941	1286	3976			58472
8	Himachal Pradesh	7269						67	7336
9	Jammu & Kashmir	3041	121	11593			4495		19250
10	Karnataka	63401	13733	42267	1825	3650	9126		134002
11	Kerala	19595		7012	4383	5036		16493	52519
12	Madhya Pradesh	49013	3264	9086	287	1949	294		63893
13	Maharashtra	85955	6925	14038	7903		20467	1404	136632
14	Manipur	3075	1280	14260			45		18650
15	Meghalaya	1521	375	1027	95	99	841	23	3981
16	Mizoram	2815							2815
17	Nagaland	2494	120	2837	24	95	230		5800
18	Odisha	143732	8682	21395	4382	11482	14292	21374	225339
19	Punjab	26598	18081	11602	14676	1289	6488		78734
20	Rajasthan	9699	4110	1916	400	3500	2875		22500
21	Sikkim			60			85		145
22	Tamil Nadu	21263	94	32947	177	31920	15085	120324	221810
23	Tripura	21340	3284	4924		1314	1968		32830
24	Uttar Pradesh	333798							333798
25	West Bengal	780879	50453	166285	18420	21360	73488	70120	1181065
26	A & N Islands	55			12	23	33		124
27	Chandigarh	84		38					122
28	Dadra & Nagar Haveli	108							108
29	Daman & Diu						79		79
30	Delhi	725							725
31	Lakshadweep								
32	Puducherry	940	343	790	194	219	2289	894	5669
33	Chhattisgarh	104529	13938	20906					139373
34	Uttarakhand	3091							3091
35	Jharkhand	59480	2100	6040	75	90	125		67890
	Total	2462369	359191	484885	97561	125800	269853	370901	4170560

Source: Director/Commissioner of Fisheries, State Govt. /UTs Administration

TABLE A-6.2 INLAND FISH LANDINGS BY SPECIES BY STATES/ UNION TERRITORIES, 2008

(In tonnes)

Sl. No.	States/UTs	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)	Murels (Ophiocep -haulis spp.)	Catfishes (Wallago attu, Pangasius, bagarius)	Other fresh water fishes	Others	Total
1	Andhra Pradesh	53552	56131	62764	32648	87729	45831	88418	427073
2	Andhra Pradesh	940	630	960		320			2750
3	Assam	52600	6650	2410				4120	65780
4	Bihar	141296	63440	5767	20185	2884	54788		288300
5	Goa		120			115		2963	3198
6	Gujarat	36156	178		4656	12221	15565	22369	91145
7	Haryana	38229	13639	12075	1717	4166			69826
8	Himachal Pradesh	2268						44	2312
9	Jammu & Kashmir	3041	121	11593			4495		19250
10	Karnataka	15280	3650	50186	1825	3650	9126		83717
11	Kerala	20005		7012	4383	5036		16493	52519
12	Madhya Pradesh	44711	1157	8541	140	1449	157		56155
13	Maharashtra	81778	13349	11405	7517		15033	518	126600
14	Manipur	2973	1380	14260			47		18650
15	Meghalaya	1521	375	1077	95	99	791	23	3981
16	Mizoram	3135							3135
17	Nagaland	2686	52	3020	16	74	127		5975
18	Odisha	145200	13799	21495	3720	8570	7422	25556	225762
19	Punjab	44072	2508	30545		6376	2706		86207
20	Rajasthan	9699	4110	1916	400	3500	2875		22500
21	Sikkim			60			85		150
22	Tamil Nadu	139	630	243				165444	166456
23	Tripura	18495	3699	9248	370	2219	2941	18	36990
24	Uttar Pradesh	349274							349274
25	West Bengal	866455	51788	172543	22000	35637	69831	76456	1294710
26	A & N Islands	77		2029	17	30	42		2185
27	Chandigarh	30		16			9	6	61
28	Dadra & Nagar Haveli	108							108
29	Daman & Diu							64	64
30	Delhi	710							710
31	Lakshadweep								
32	Puducherry	1639	548	458	186	217	389	2313	5750
33	Chhattisgarh	111509	14867	22303					148679
34	Uttarakhand							3091	3091
35	Jharkhand	64448	2420	6470	70	95	200		73703
	Total	2112046	255137	451358	100037	174503	292273	414209	3799583

Source: Director/Commissioner of Fisheries, State Govt. /UTs Administration

TABLE A-6.3 INLAND FISH LANDINGS BY SPECIES BY STATES/ UNION TERRITORIES, 2009

(In tonnes)

Sl. No.	States/UTs	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common Silver and Grass Carp)	Murels (Ophiocep -hauls spp.)	Catfishes (Wallago attu, Pangasius, bagarius)	Other fresh water fishes	Others	Total
1	Andhra Pradesh	520405	54542	60889	31724	85248	44534	110855	908297
2	Arunachal Pradesh	800	900	980		200			2560
3	Assam	78132	28311	24400	9850	17220	45055	358	204326
4	Bihar	147381	66143	6013	21045	3007	57124		300713
5	Goa	132	40			144		3139	3455
6	Gujarat	30711	116		3606	5845	24392	19826	84496
7	Haryana	41865	14407	12836	1930	4281			75319
8	Himachal Pradesh	7782						65	7847
9	Jammu & Kashmir	999	122	11617			6562		19300
10	Karnataka	84638	3652	56426	1826	3652	9130		159324
11	Kerala	20367		4547	5226		62902	17403	110445
12	Madhya Pradesh	46991	5058	8476	401	2222	423		63571
13	Maharashtra	81778	13349	11405	7517	15033	518		129600
14	Manipur	6171	915	11600			130		18916
15	Meghalaya	1470	432	1231	72	100	552	25	3882
16	Mizoram	3231							3231
17	Nagaland	2823	53	3069	17	77	136		6175
18	Odisha	166178	13376	24725	4501	7506	7267	25135	248688
19	Punjab	48482	2697	33644		6860	2914		94597
20	Rajasthan	11350	5355	2408	615	3830	3350		26908
21	Sikkim			40			120		160
22	Tamil Nadu	140	151240	421		632	17358		169791
23	Tripura	21134	4227	10567	422	2536	3381	17	42284
24	Uttar Pradesh	392926							392926
25	West Bengal	900197	53039	179400	23000	36706	61343	72311	1325996
26	A & N Islands	84		9	10	34	36		173
27	Chandigarh	32	15	25		13	8		83
28	Dadra & Nagar Haveli	108							108
29	Daman & Diu							57	57
30	Delhi	715							715
31	Lakshadweep								
32	Puducherry	1707	350	513	263	267	2103	244	5447
33	Chhattisgarh	132184	17624	26437					176245
34	Uttarakhand	3488							3488
35	Jharkhand	62710	2215	6165	65	95	180		71430
Total		2817111	438838	497963	112090	179843	347307	267311	4660463

Source: Director/Commissioner of Fisheries, State Govt. /UTs Administration

TABLE A-6.4 INLAND FISH LANDINGS BY SPECIES BY STATES/ UNION TERRITORIES, 2010

(In tonnes)

Sl. No.	States/UTs	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common Silver and Grass Carp)	Murels (Ophiocep -hauls spp.)	Catfishes (Wallago attu, Pangasius, bagarius)	Other fresh water fishes	Others	Total
1	Andhra Pradesh	859986	20216	38652	41083	113998	132994	68169	1275088
2	Arunachal Pradesh	1070	860	1020		250			3000
3	Assam	87387	34470	27578	11490	18384	50098	395	228900
4	Bihar	145726	65428	5948	20818	2974	56506		297400
5	Goa	2942		378		167		3144	3621
6	Gujarat	28300	120		3318	10668	25440	13778	82624
7	Haryana	54322	19132	16580	2441	5285			97760
8	Himachal Pradesh	7304						76	7380
9	Jammu & Kashmir	1028	135	11758			6779		19700
10	Karnataka	100649	3600	67099	1878	3752	9030		186008
11	Kerala	28063		4621	5299		67703	17763	123449
12	Madhya Pradesh	47176	4928	8528	393	2203	414		63642
13	Maharashtra	85517	13419	11465	7556		11676	651	130284
14	Manipur	6353	869	12476	377		125		20200
15	Meghalaya	1521	375	1077	95	99	791	23	3981
16	Mizoram	3260							3260
17	Nagaland	2940	54	3129	17	77	141		6358
18	Odisha	158691	5511	18827	1	8598	9937	25283	226848
19	Punjab	49209	2837	34667		7347	2977		97037
20	Rajasthan	11925	5555	2708	632	3930	3450		28200
21	Sikkim			40			120		160
22	Tamil Nadu	177	151538	529			19062		171306
23	Tripura	26576	2800	13787	10	83	3827	17	46100
24	Uttar Pradesh	417479							417479
25	West Bengal	847382	47353	153986	22430	34270	56076	84654	1246151
26	A & N Islands	89		9	15	39	41		193
27	Chandigarh	30	15	25		12	8		80
28	Dadra & Nagar Haveli	108							108
29	Daman & Diu							820	820
30	Delhi	820							820
31	Lakshadweep								
32	Puducherry	1280	495	509	170	221	513	672	3860
33	Chhattisgarh	151233	20165	30247					201655
34	Uttarakhand	3818							3818
35	Jharkhand	66540	2200	6905	70	105	170		75990
Total		3198901	401875	472546	118093	212462	438816	234507	5077200

Source: Director/Commissioner of Fisheries, State Govt. /UTs Administration

TABLE A-7 DISPOSITION OF FISH CATCH - INDIA, 1991-2010

(In '000 tonnes)

Year	Marketing fresh	Frozen	Curing	Canning	Reduction	Offal for reduction	Miscellaneous	Unspecified	Others	Total
1991	2706.00	265.90	613.80	30.10	333.40	47.70	47.10	0.00	0.00	4044.00
1992	2798.40	284.80	590.20	25.90	355.80	70.60	47.40	0.00	0.00	4173.10
1993	3105.20	309.50	644.50	9.80	372.80	16.30	87.60	0.00	0.00	4545.70
1994	3250.60	310.40	651.90	12.20	397.30	39.30	74.30	0.00	0.00	4736.00
1995	3427.00	320.60	632.50	13.20	358.20	38.70	40.60	0.00	0.00	4830.80
1996	3784.10	392.70	639.20	11.00	313.20	22.60	39.40	0.00	0.00	5202.20
1997	3874.70	421.90	602.30	14.10	345.50	18.00	102.80	0.00	0.00	5379.30
1998	3866.60	390.70	568.50	12.00	303.70	19.50	83.30	0.00	0.00	5244.30
1999	4206.07	284.21	421.60	17.39	296.53	53.50	9.38	70.70	29.67	5389.05
2000	4287.83	276.60	339.91	50.03	317.91	1.32	34.58	69.35	236.31	5613.84
2001	4777.14	284.88	346.00	53.17	308.27	16.16	43.85	72.68	47.90	5930.05
2002	4789.52	332.68	388.69	23.07	265.96	42.86	1.40	16.06	16.74	5876.98
2003	4828.36	307.39	363.60	36.36	277.87	40.81	1.63	12.99	16.74	5885.75
2004	5283.61	385.16	330.50	45.03	269.89	1.78	40.89	16.98	17.38	6391.22
2005	5468.23	390.23	330.27	24.69	284.55	34.88	1.58	17.09	26.04	6577.56
2006	5559.60	396.12	344.76	24.29	295.37	36.24	1.51	14.83	15.03	6687.75
2007	6037.80	424.26	367.50	25.51	334.45	14.65	1.78	16.74	15.91	7238.60
2008	5804.72	378.63	335.44	31.11	313.13	45.20	1.62	17.85	15.59	6943.29
2009	5955.48	435.35	347.71	33.22	291.27	61.69	0.08	19.09	47.26	7191.15
2010	6118.89	733.43	411.86	47.46	283.64	74.30	0.04	137.16	183.38	7990.16

Source : Director / Commissioner of Fisheries State Govts. / UT Administrations

TABLE A-8 DISPOSITION OF FISH CATCH - INDIA, 1991-2010 (PERCENTAGE DISTRIBUTION)

Year	Marketing fresh	Frozen	Curing	Canning	Reduction	Offal for reduction	Miscellaneous	Unspecified	Others	Total
1991	66.91	6.58	15.18	0.74	8.24	1.18	1.16	0.00	0.00	100.00
1992	67.06	6.82	14.14	0.62	8.53	1.69	1.14	0.00	0.00	100.00
1993	68.31	6.81	14.18	0.22	8.20	0.36	1.93	0.00	0.00	100.00
1994	68.64	6.55	13.76	0.26	8.39	0.83	1.57	0.00	0.00	100.00
1995	70.94	6.64	13.09	0.27	7.41	0.80	0.84	0.00	0.00	100.00
1996	72.74	7.55	12.29	0.21	6.02	0.43	0.76	0.00	0.00	100.00
1997	72.03	7.84	11.20	0.26	6.42	0.33	1.91	0.00	0.00	100.00
1998	73.73	7.45	10.84	0.23	5.79	0.37	1.59	0.00	0.00	100.00
1999	78.05	5.27	7.82	0.32	5.50	0.99	0.17	1.31	0.55	100.00
2000	76.38	4.93	6.05	0.89	5.66	0.02	0.62	1.24	4.21	100.00
2001	80.56	4.47	5.83	0.90	5.20	0.27	0.74	1.23	0.81	100.00
2002	81.50	5.66	6.61	0.39	4.53	0.73	0.02	0.27	0.28	100.00
2003	82.03	5.22	6.18	0.62	4.72	0.69	0.03	0.22	0.28	100.00
2004	82.67	6.03	5.17	0.70	4.22	0.03	0.64	0.27	0.27	100.00
2005	83.13	5.93	5.02	0.38	4.33	0.53	0.02	0.26	0.40	100.00
2006	83.13	5.92	5.16	0.36	4.42	0.54	0.02	0.22	0.22	100.00
2007	83.41	5.86	5.08	0.35	4.62	0.20	0.02	0.23	0.22	100.00
2008	83.60	5.45	4.83	0.45	4.51	0.65	0.02	0.26	0.22	100.00
2009	82.82	6.05	4.84	0.46	4.05	0.86	0.00	0.27	0.66	100.00
2010	76.58	9.18	5.15	0.59	3.55	0.93	0.00	1.72	2.30	100.00

Source : Director / Commissioner of Fisheries State Govts. / UT Administrations

Table-A 9.1 DISPOSITION OF FISH CATCH BY STATES / UNION TERRITORIES, 2008

Sl. No.	State/Union Territory	Marketing fresh	Freezing	Curing	Canning	Reduction	Misc. Purposes	Offal for reduction	Unspecified	Others	Total (in tonnes)
1	Andhra Pradesh	815403	97942	5717			18135			56	937273
2	Assam	168513					293				200413
3	Bihar	285649									285649
4	Chhattisgarh	240577	170219	2683	4439	222814	1775	1600	1211	4600	772219
5	Goa	57459									57459
6	Gujarat	57459	44							15058	69268
7	Haryana	19125	25								19150
8	Himachal Pradesh	245523	37307	40104	25807		917		1384	10965	341822
9	Jammu & Kashmir	63336									63336
10	Karnataka	410786				239					438795
11	Kerala	9208									9208
12	Madhya Pradesh	29207									29207
13	Maharashtra	3845					36				3881
14	Mizoram	284795	15883	24480							325168
15	Nagaland	9208									9208
16	Odisha	284795	15883	24480							325168
17	Punjab	150									150
18	Rajasthan	279219									279219
19	Sikkim	11119									11119
20	Tamil Nadu	75452									75452
21	Uttar Pradesh	348274									348274
22	West Bengal	1371480	40270			66250	6000				1444000
23	Andaman & Nicobar Islands	21910	4918	6557							23465
24	Chandigarh										0
25	Dadra & Nagar Haveli	13814									13814
26	Daman & Diu	710									710
27	Dadra & Nagar Haveli	13814									13814
28	Daman & Diu	710									710
29	Dadra & Nagar Haveli	13814									13814
30	Daman & Diu	710									710
31	Lakshadweep	32510	888	658							33956
32	Puducherry	148679									148679
33	Chhattisgarh	240577									240577
34	Uttarakhand	39531									39531
35	Jharkhand	73153									73153
INDIA		9864723	378608	358435	31105	313130	45200	1623	17648	15822	6843294

Source: Director / Commissioner of Fisheries State Govt. / UTs Administration

Table-A 9.2 DISPOSITION OF FISH CATCH BY STATES / UNION TERRITORIES, 2009

Sl. No.	State/Union Territory	Marketing fresh	Freezing	Curing	Canning	Reduction	Misc. Purposes	Offal for reduction	Unspecified	Others	Total (in tonnes)
1	Andhra Pradesh	838885	103680	5888			18700			29	965382
2	Assam	2360					200				2560
3	Bihar	199526									199526
4	Chhattisgarh	22918									22918
5	Goa	72918									72918
6	Gujarat	239118	189187	2421	4034	221482		1614		30665	80687
7	Haryana	7782	65								7847
8	Himachal Pradesh	18621									18621
9	Jammu & Kashmir	31									31
10	Karnataka	681299	42070	45225	23102		1034		1572	12365	818299
11	Kerala	53536									53536
12	Madhya Pradesh	48207									48207
13	Maharashtra	17955									17955
14	Mizoram	3898									3898
15	Nagaland	5339									5339
16	Odisha	284795	15883	24488							325168
17	Punjab	11119									11119
18	Rajasthan	279219									279219
19	Sikkim	150									150
20	Tamil Nadu	75452									75452
21	Uttar Pradesh	348274									348274
22	West Bengal	1371480	40270			66250	6000				1444000
23	Andaman & Nicobar Islands	21910	4918	6557							23465
24	Chandigarh										0
25	Dadra & Nagar Haveli	13814									13814
26	Daman & Diu	710									710
27	Dadra & Nagar Haveli	13814									13814
28	Daman & Diu	710									710
29	Dadra & Nagar Haveli	13814									13814
30	Daman & Diu	710									710
31	Lakshadweep	32510	888	658							33956
32	Puducherry	148679									148679
33	Chhattisgarh	240577									240577
34	Uttarakhand	39531									39531
35	Jharkhand	73153									73153
INDIA		9854582	438355	347210	33216	291293	60077	1684	19886	47259	7181732

Source: Director / Commissioner of Fisheries State Govt. / UTs Administration

Table-A 9.3 DISPOSITION OF FISH CATCH BY STATES / UNION TERRITORIES, 2010

Sl. No.	State/Union Territory	Marketing fresh	Freezing	Curing	Canning	Reduction	Misc. Purposes	Offal for reduction	Unspecified	Others	Total (in tonnes)
1	Andhra Pradesh	889773	432969	28881	5133		32031		115456	133730	1487273
2	Assam	2900					100				3000
3	Bihar	239200									239200
4	Chhattisgarh	76356									76356
5	Goa	27820									27820
6	Gujarat	167464	2612	4353		219235		1741			387109
7	Haryana	7305	76							18900	7381
8	Himachal Pradesh	385908									385908
9	Jammu & Kashmir	684271	58825	58824	37861		1316		2001	17012	842712
10	Karnataka	18734									18734
11	Kerala	48533									48533
12	Madhya Pradesh	31666									31666
13	Maharashtra	18734									18734
14	Mizoram	380									380
15	Nagaland	5458									5458
16	Odisha	284795	15883	24488							325168
17	Punjab	11119									11119
18	Rajasthan	279219									279219
19	Sikkim	150									150
20	Tamil Nadu	75452									75452
21	Uttar Pradesh	348274									348274
22	West Bengal	1371480	40270			66250	6000				1444000
23	Andaman & Nicobar Islands	21910	4918	6557							23465
24	Chandigarh										0
25	Dadra & Nagar Haveli	13814									13814
26	Daman & Diu	710									710
27	Dadra & Nagar Haveli	13814									13814
28	Daman & Diu	710									710
29	Dadra & Nagar Haveli	13814									13814
30	Daman & Diu	710									710
31	Lakshadweep	32510	888	658							33956
32	Puducherry	148679									148679
33	Chhattisgarh	240577									240577
34	Uttarakhand	39531									39531
35	Jharkhand	73153									73153
INDIA		6118826	733425	411864	47457	283845	72559	1784	137162	183382	7890104

Source: Director / Commissioner of Fisheries State Govt. / UTs Administration

CHART 5: DISPOSITION OF FISH CATCH - 2010

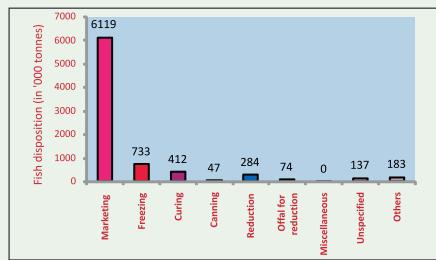


CHART 6: DISPOSITION OF FISH CATCHES DURING 2001-2010

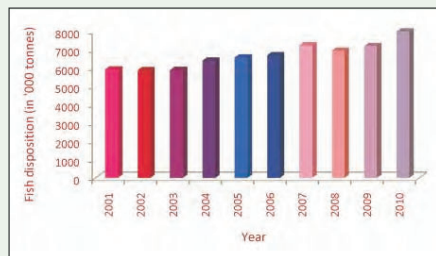


Table-A 10.1 PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2008

Sl. No.	State/Union Territory	Tuna		Marine Fish		Fish Dried, Unsalted		Fish Dried & Salted, smoked		Shark fins, Salted etc.		Crab Meat, Frozen		Frozen Lobster		Shrimp & Prawn, Frozen		Shrimp & Prawn, Dried		Frozen Cuttlefish fillets	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Andhra Pradesh	1747	38372	29304	24065	1190								1500	10891						
2	Assam			920	6917																
3	Bihar			128533	214092	131943															
4	Gujarat																				
5	Goa																				
6	Haryana																				
7	Jammu & Kashmir																				
8	Karnataka			1231	462	142															
9	Kerala			71239	17760	52602															
10	Maharashtra			87716	9264	3357							22609								
11	Madhya Pradesh																				
12	Nagaland																				
13	Odisha																				
14	Tamil Nadu																				
15	Telangana																				
16	West Bengal																				
17	A & N Islands	345	8759	10228	27																
18	Daman Diu			4131	1721	153	3														
19	Lakshadweep																				
20	Puducherry			120	4700	5800															
21	Chhattisgarh																				
	INDIA	2092	347084	300204	265775	1232	370	23609	1500	160423	-	8781	21755								

Table-A 10.2 PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2009

Sl. No.	State/Union Territory	Tuna		Marine Fish		Fish Dried, Unsalted		Fish Dried & Salted, smoked		Shark fins, Salted etc.		Crab Meat, Frozen		Frozen Lobster		Shrimp & Prawn, Frozen		Shrimp & Prawn, Dried		Frozen Cuttlefish fillets	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Andhra Pradesh	2302	50555	38608	31706	1568								1976	14349						
2	Assam			950	7055																
3	Bihar			128703	214710	132324															
4	Gujarat																				
5	Goa																				
6	Haryana																				
7	Jammu & Kashmir																				
8	Karnataka			1354	500	148															
9	Kerala			69720	17611	52039															
10	Maharashtra			86900	8696	3151							21276								
11	Madhya Pradesh																				
12	Nagaland																				
13	Odisha																				
14	Tamil Nadu																				
15	Telangana																				
16	West Bengal			9280	10740	30															
17	A & N Islands	356	4165	1014	195	12															
18	Daman Diu			1848	20	1395	14														
19	Lakshadweep																				
20	Puducherry			125	4648	5725															
21	Chhattisgarh																				
	INDIA	2712	391403	315781	278634	1624	370	21276	1976	127280	-	10495	21315								

Table-A 10.1 PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2008

Sl. No.	State/Union Territory	Frozen Cuttlefish fillets		Dried Squids		Canned Fish		Canned Shrimp/Prawn		Fish body oil		Fish meals, soluble or feedings		Pomfret frozen		Tunas frozen		Mackerels, frozen		Jellyfish, dried, salted in brine		Miscellaneous	
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	Andhra Pradesh																						
2	Assam																						
3	Bihar																						
4	Gujarat																						
5	Goa																						
6	Haryana																						
7	Jammu & Kashmir																						
8	Karnataka																						
9	Kerala																						
10	Maharashtra																						
11	Madhya Pradesh																						
12	Nagaland																						
13	Odisha																						
14	Tamil Nadu																						
15	Tripura																						
16	West Bengal																						
17	A & N Islands																						
18	Daman Diu																						
19	Lakshadweep																						
20	Puducherry																						
21	Chhattisgarh																						
	INDIA	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

Source: Director / Commissioner of Fisheries State Govt. / UTs Administration

Table-A 10.2 PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2009

Sl. No.	State/Union Territory	Frozen Cuttlefish fillets		Dried Squids		Canned Fish		Canned Shrimp/Prawn		Fish body oil		Fish meals, soluble or feedings		Pomfret frozen		Tunas frozen		Mackerels, frozen		Jellyfish, dried, salted in brine		Miscellaneous	
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	Andhra Pradesh	25721	232	3352	1532																		
2	Assam																						
3	Bihar																						
4	Gujarat																						
5	Goa																						
6	Haryana																						
7	Jammu & Kashmir																						
8	Karnataka																						

TABLE A-13 PRAWN PRODUCTION IN INDIA : STATES / UNION TERRITORIES - 1999-2010

Year	T/P/NP	Andhra Pradesh		Goa		Gujarat		Karnataka		Kerala		Maharashtra		Odisha		Tamil Nadu		West Bengal		A & N Islands		Daman & Diu		Puducherry		Total for India (In tonnes)		
		P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP			
1999-00		19009	7719	2651	50627	4699	73317	38325	6552	7317	520	82219	3345	4843	11397	2615	227400	215	290	601	1116	104603	262	157	52	152		
2000-01		17162	8181	2284	53853	5043	79766	2913	58275	2820	5979	18646	8936	20257	11700	298	199	3310	199	395	1177	112119	204	106	35	104		
2001-02		16453	7729	2443	48771	5343	8951	10862	70051	1925	4584	5900	53	385	11700	424	135	3312	105357	379	100	379	100	379	100	379	100	
2002-03		2429	1681	2283	4770	6496	3815	78575	1925	4671	6000	100	379	100	379	100	379	100	379	100	379	100	379	100	379	100	379	
2003-04		1541	1081	2284	42794	318	3342	56965	2771	10875	8110	71	302	1580	126169	418	38	3430	189370	71	302	1580	126169	418	38	3430	189370	
2004-05		21551	12185	2384	59300	11840	52951	30457	18456	18853	21000	588	172	2410	69282	122	102	2510	108098	122	102	2510	108098	122	102	2510	108098	
2005-06		15782	8703	703	65905	11841	69907	98771	15080	23899	63230	588	172	2410	69282	122	102	2510	108098	122	102	2510	108098	122	102	2510	108098	
2006-07		15283	8337	703	65905	11841	69907	98771	15080	23899	63230	588	172	2410	69282	122	102	2510	108098	122	102	2510	108098	122	102	2510	108098	
2007-08		31994	10250	594	11745	54880	549	11582	53869	2813	949	32851	173	107	609	170227	210	223	203584	210	223	203584	210	223	203584	210	223	
2008-09		37732	9545	74068	8000	67201	99221	27664	22650	68885	585	210	223	203584	210	223	203584	210	223	203584	210	223	203584	210	223	203584	210	223
2009-10		48236	8893	41100	8812	68016	92197	30038	37845	69048	588	230	226	206619	210	226	206619	210	226	206619	210	226	206619	210	226	206619	210	226
2010-11		44189	10299	47871	16609	67573	107400	31836	38147	6722	489	110	467	166564	110	467	166564	110	467	166564	110	467	166564	110	467	166564	110	467
		47208	8584	59405	23239	79677	103027	31947	40486	92299	652	477	1485	479488	477	1485	479488	477	1485	479488	477	1485	479488	477	1485	479488	477	1485

Source: Director/Commissioner of Fisheries State Govts./UT Administrations

P - Penaid NP - Non-Penaid

Table-A-14.1 STATE WISE DETAILS OF SHRIMP PRODUCTION DURING 2008-09 & 2009-10

Sl. No.	State	2008-09			2009-10		
		Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)	Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)
1	West Bengal	47488.00	27418.00	0.58	47488.00	33685.00	0.71
2	Odisha	5362.00	3544.00	0.66	4769.00	6149.00	1.29
3	Andhra Pradesh	36395.00	29706.00	0.82	33754.00	39537.00	1.17
4	Tamil Nadu	4673.11	4133.38	0.88	2381.49	2702.38	1.13
5	Kerala	8290.37	4309.25	0.52	9544.84	7096.00	0.74
6	Karnataka	3360.50	2138.00	0.64	1484.00	1581.00	1.07
7	Goa	803.00	511.00	0.64	272.00	319.00	1.17
8	Maharashtra	861.88	1129.71	1.28	650.86	1243.79	1.91
9	Gujarat	1534.82	3107.20	2.02	1915.79	3605.72	1.88
	TOTAL	108788.68	75996.54	0.70	102259.98	95918.89	0.94

Source: Marine Products Export Development Authority (MPEDA), Kochi.

Table-A-14.2 STATE WISE DETAILS OF SCAMPI PRODUCTION DURING 2008-09 & 2009-10

Sl. No.	State	2008-09			2009-10		
		Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)	Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)
1	West Bengal	4825.00	2698.00	0.56	3325.00	1725.00	0.52
2	Odisha**	463.00	978.00	2.11	447.61	1724.07	3.85
3	Andhra Pradesh	10080.00	7586.00	0.75	2823.00	1759.14	0.62
4	Tamil Nadu	332.15	157.10	0.47	161.98	111.97	0.69
5	Kerala*	2476.71	513.38	0.21	1378.83	398.74	0.29
6	Karnataka	197.00	105.00	0.53	0.00	0.00	NA
7	Goa	0.00	0.00	0.00	0.00	0.00	NA
8	Maharashtra**	46.28	387.77	8.38	16.58	531.00	32.03
9	Gujarat**	1.00	381.00	NA	0.00	318.00	NA
	TOTAL	18421.14	12806.25	0.70	8153.00	6567.92	0.81

Source: Marine Products Export Development Authority (MPEDA), Kochi.

* Production includes scampi produced from padasekharan.

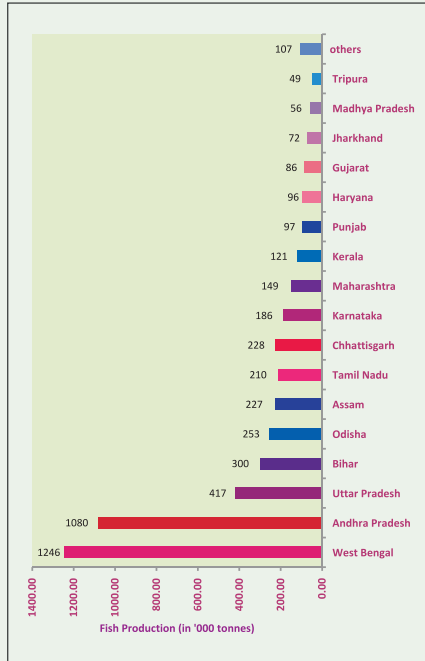
** Production includes scampi reservoirs, village ponds and poly culture ponds.

Table-A-14.3 STATE WISE DETAILS OF TOTAL SHRIMP PRODUCTION (SHRIMP+SCAMPI) DURING 2008-09 & 2009-10

Sl. No.	State	2008-09			2009-10		
		Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)	Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)
1	West Bengal	52313.00	30116.00	0.58	50813.00	35410.00	0.70
2	Odisha	5825.00	4522.00	0.78	5216.61	7873.07	1.51
3	Andhra Pradesh	46475.00	37292.00	0.80	36577.00	41296.14	1.13
4	Tamil Nadu	5005.26	4290.48	0.86	2543.47	2814.35	1.11
5	Kerala	10767.08	4822.63	0.45	10923.67	7494.74	0.69
6	Karnataka	3557.50	2243.00	0.63	1484.00	1581.00	1.07
7	Goa	803.00	511.00	0.64	272.00	319.00	1.17
8	Maharashtra	928.16	1517.48	1.63	667.44	1774.79	2.66
9	Gujarat	1535.82	3488.20	2.27	1915.79	3923.72	2.05
	TOTAL	127209.82	88802.79	0.70	110412.98	102486.81	0.93

Source: Marine Products Export Development Authority (MPEDA), Kochi.

CHART 7: MAJOR INLAND FISH PRODUCING STATES, 2010-11



SECTION : B

EXPORT



TABLE B-1

TREND IN EXPORTS OF MARINE PRODUCTS
1961-62 TO 2010-11

Year	Quantity (Tonnes)	Value (₹ Crore)	Unit value (₹ / tonnes)	Unit value index	Annual growth rate (%)	
					Quantity	Value
1961-62	15732	3.92	2491.74	100.00	-21.30	-15.52
1962-63	11161	4.20	3763.10	151.02	-29.06	7.14
1963-64	19057	6.09	3195.68	128.25	70.75	45.00
1964-65	21122	7.14	3380.36	135.66	10.84	17.24
1965-66	15295	7.06	4615.89	185.25	-27.59	-1.12
1966-67	21116	17.37	8225.99	330.13	38.06	146.03
1967-68	21907	19.72	9001.69	361.26	3.75	13.53
1968-69	26811	24.70	9212.64	369.73	22.39	25.25
1969-70	31695	33.46	10556.87	423.68	18.22	35.47
1970-71	35883	35.07	9773.43	392.23	13.21	4.81
1971-72	35523	44.55	12541.17	503.31	-1.00	27.03
1972-73	38903	59.72	15351.00	616.08	9.51	34.05
1973-74	52279	89.51	17121.60	687.14	34.38	49.88
1974-75	45099	68.41	15168.85	608.77	-13.73	-23.57
1975-76	54463	124.53	22865.06	917.64	20.76	82.03
1976-77	66750	189.12	28332.58	1137.06	22.56	51.87
1977-78	56967	180.12	31618.31	1268.93	-14.66	-4.76
1978-79	86894	234.62	27000.71	1083.61	52.53	30.26
1979-80	86401	248.82	28798.28	1155.75	-0.57	6.05
1980-81	75591	234.84	31067.19	1246.81	-12.51	-5.62
1981-82	70105	286.01	40797.38	1637.31	-7.26	21.79
1982-83	70175	361.36	46224.50	1855.11	11.51	26.35
1983-84	92187	373.02	40463.41	1623.90	17.92	3.23
1984-85	86187	384.29	44587.93	1789.43	-6.51	3.02
1985-86	83851	396.00	47576.63	1939.46	-2.94	3.57
1986-87	85843	460.67	53694.25	2163.69	2.62	15.75
1987-88	97179	531.20	54662.02	2193.73	13.21	15.31
1988-89	99777	597.85	59918.62	2404.69	2.67	12.55
1989-90	110843	634.99	57287.33	2299.09	11.09	6.21
1990-91	137667	856.00	62179.03	2495.41	24.20	34.81
1991-92	169875	1311.60	77209.71	3098.63	23.40	53.22
1992-93	206673	1713.70	82918.43	3327.74	21.66	30.86
1993-94	242505	2461.00	101482.44	4072.16	17.34	43.61
1994-95	307337	3575.30	116331.58	4668.70	26.73	45.28
1995-96	296277	3450.10	116448.46	4673.39	-3.60	-3.50
1996-97	378198	4077.60	107816.54	4328.96	27.65	16.19
1997-98	385818	4649.70	120515.37	4836.60	2.01	14.03
1998-99	302934	4626.87	152735.25	6129.67	-21.48	-0.49
1999-00	343031	5116.67	149160.57	5986.21	13.24	10.59
2000-01	440473	6443.89	146294.78	5871.20	28.41	25.94
2001-02	424470	5957.05	140340.90	5632.25	-3.63	-7.56
2002-03	467297	6881.31	147257.74	5909.84	10.09	15.52
2003-04	412017	6091.95	147856.76	5933.88	-11.83	-11.47
2004-05	461329	6846.65	148733.97	5782.07	11.87	9.10
2005-06	512163	7245.73	141473.12	5677.69	11.02	9.01
2006-07	612643	8363.52	136515.39	5478.72	19.62	15.43
2007-08	541701	7620.83	140685.18	5646.07	-11.58	-8.88
2008-09	602834	8607.95	142791.38	5730.60	11.29	12.95
2009-10	678436	10048.53	148113.16	5944.17	12.54	16.74
2010-11	813091	12901.46	158671.78	6367.92	19.85	28.39

Source: Marine Products Export Development Authority (MPEDA), Kochi

TABLE B-2 EXPORT OF MARINE PRODUCTS BY CATEGORY - INDIA, 1990-91 TO 2010-11

Sl. No.	Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	Frozen Shrimp	Q 62,396	78,151	14,800	85,841	101,751	95,724	105,427	101,316	102,644	102,725	111,874	127,709	134,815	129,788	138,865	146,010	129,900	132,920	139,842	153,553	154,466
	V	86.3	87.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	Frozen Fish	Q 1,659	1,642	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630
	V	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
3	Frozen Squids	Q 16,697	25,509	30,394	34,741	37,004	40,028	42,904	45,804	48,700	51,596	54,492	57,388	60,284	63,180	66,076	68,972	71,868	74,764	77,660	80,556	83,452
	V	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
4	Fresh/Frozen Fish	Q 42,340	48,333	53,776	59,220	64,664	70,108	75,552	80,996	86,440	91,884	97,328	102,772	108,216	113,660	119,104	124,548	129,992	135,436	140,880	146,324	151,768
	V	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
5	Live Items	Q 655	595	573	744	1756	2030	1700	2148	1878	1984	1628	2115	2241	2262	2588	2478	2468	2454	2488	2488	2488
	V	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
6	Dried Fish	Q 139	2195	3357	3262	7598	8267	5400	6273	6276	7511	7000	8719	9254	9862	11497	12020	12414	12888	13368	13848	14328
	V	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
7	Chilled Items	Q 193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193	193
	V	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	Other Items	Q 2386	3,825	3,829	4,827	5,778	6,558	7,278	8,058	8,838	9,618	10,398	11,178	11,958	12,738	13,518	14,298	15,078	15,858	16,638	17,418	18,198
	V	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Total	Q	107,657	188,732	206,872	242,926	307,327	345,277	374,198	385,834	393,834	401,834	410,834	419,834	428,834	437,834	446,834	455,834	464,834	473,834	482,834	491,834	500,834
	V	886	1,372	1,714	2,491	3,576	4,121	4,667	5,112	5,557	6,002	6,447	6,892	7,337	7,782	8,227	8,672	9,117	9,562	10,007	10,452	

Q - Quantity in tonnes
V - Value in ₹ Crores
Source: Marine Products Export Development Authority (MPEDA), Kochi

TABLE B-3 EXPORT OF MARINE PRODUCTS BY CATEGORY (PERCENT DISTRIBUTION)

Sl. No.	Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	Frozen Shrimp	Q 45.32	41.83	38.00	35.89	33.11	32.37	27.88	26.28	33.83	32.15	25.40	30.09	28.85	31.50	33.83	23.43	25.15	20.91	19.24	18.83	18.83
	V	17.49	14.03	16.97	17.93	17.24	16.25	16.08	12.29	17.24	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.25
2	Frozen Fish	Q 8.42	7.32	9.15	7.83	9.18	11.42	8.40	9.88	11.42	9.88	7.20	8.86	9.81	9.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89
	V	5.29	4.44	6.94	5.02	6.27	7.45	6.61	6.88	5.91	5.91	4.48	4.70	6.06	7.14	7.13	7.88	8.33	9.78	8.84	9.19	7.88
3	Frozen Squids	Q 12.11	15.03	14.69	14.33	12.16	15.26	16.82	15.10	16.85	15.10	16.85	15.10	16.85	15.10	16.85	15.10	16.85	15.10	16.85	15.10	16.85
	V	5.26	8.34	8.86	7.82	6.86	8.13	7.05	5.77	5.81	5.81	5.81	5.81	5.81	5.81	5.81	5.81	5.81	5.81	5.81	5.81	5.81
4	Fresh/Frozen Fish	Q 36.78	28.94	36.47	37.77	39.87	39.78	33.78	33.78	33.78	33.78	33.78	33.78	33.78	33.78	33.78	33.78	33.78	33.78	33.78	33.78	33.78
	V	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81	10.81
5	Live Items	Q 0.85	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
	V	0.19	0.15	0.20	0.22	0.20	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
6	Dried Fish	Q 0.82	1.29	1.62	1.07	0.00	2.33	2.82	1.51	2.07	1.82	1.71	1.65	1.75	3.05	2.10	2.77	3.17	3.41	3.48	4.89	9.78
	V	0.16	0.24	0.29	0.06	0.00	1.28	1.54	0.14	0.09	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
7	Chilled Items	Q 0.00	0.00	0.00	0.00	0.00	0.04	0.07	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
	V	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
8	Other Items	Q 2.10	2.14	1.79	2.00	3.77	3.23	3.59	3.47	4.82	6.33	7.09	8.20	9.27	11.67	11.68	11.68	11.68	11.68	11.68	11.68	11.68
	V	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total	Q	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	V	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	

Q - Quantity in tonnes
V - Value in ₹ Crores
Source: Marine Products Export Development Authority (MPEDA), Kochi

TABLE B-4 EXPORT OF MARINE PRODUCTS BY MARKET, 2001-02 TO 2010-11

Market	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11											
Japan	Q 64905	1520	54916	11735	59020	1314	57803	1254	69706	1167	67307	1101	67373	1214	57701	915	62800	624	39714		
	V	180.89	30.56	154.76	22.30	1163.69	19.10	1028.5	16.06	1158	1536.38	16.18	1227.59	16.11	1224.01	14.34	1289.58	12.83	1603.39	10.05	
U.S.A	Q 40941	1155	61703	1320	51153	1230	50945	1035	55917	1030	43761	714	36813	676	36877	612	33444	433	50905		
	V	1421.38	23.86	2051.12	25.81	1550.10	23.41	1832.20	22.82	1247.80	1612	1018.94	1334	1021.55	1187	1072.52	1010	990.28	1543		
European Union	Q 62895	1933	84941	2023	69284	2337	11742	2532	139842	2672	148773	2445	148381	2758	151590	2515	164800	2429	170993	2103	
	V	1150.07	19.31	1888.47	20.18	1470.89	24.15	1818.33	27.37	2134.2	2946	2763.32	33.00	2864.24	34.86	2769.96	32.53	3013.33	29.99	3459.4	26.81
South East Asia	Q 18191	4410	21498	4639	17468	4233	18886	4030	197216	3851	271183	4426	20810	3759	236265	3919	239843	4328	338114	4836	
	V	1135.88	19.07	1404.86	20.42	1222.23	20.06	1322	1939	1458.3	1931	1778.66	2121	1583.36	2079	2169.48	2520	3270.44	3255	4082.29	3172
Including China	Q 19159</																				

TABLE B-6 PORT-WISE EXPORT OF MARINE PRODUCTS 2005-06 TO 2010-11

Port	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11	
	Q	%	Q	%	Q	%	Q	%	Q	%	Q	%
Kandla	3045	0.59	565	0.09	36	0.01	75	0.01	0	0	124	0.02
Porbandar	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0
Mumbai	3224	0.63	2893	0.47	2383	0.44	2319	0.38	2349	0.35	1965	0.24
JN Port	120492	23.53	137153	22.39	104670	19.32	129653	21.04	129318	19.06	155629	19.17
Goa	10719	2.09	18152	2.84	19397	3.56	21146	3.51	29409	4.33	35728	4.39
Mangalore	15965	3.12	26723	4.36	26155	4.83	33093	5.49	59000	8.70	104821	12.89
Kanwar	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Kochi	95737	18.69	106454	17.38	98520	18.19	98537	16.35	104281	15.37	121550	14.95
Trinandrum	1501	0.29	2123	0.35	1784	0.33	2209	0.37	2985	0.44	2932	0.36
Tuticorin	27172	5.31	30611	5.00	29697	5.48	29354	4.87	27782	4.10	30220	3.72
Chennai	45246	8.83	42272	6.30	42947	7.93	39043	6.48	45991	6.78	55861	6.88
Vizag	37121	7.25	36594	5.97	35535	6.58	32227	5.35	31863	4.70	38217	4.70
Paradeep	60	0.01	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Kolkata	18291	3.57	23238	3.79	27666	5.11	33625	5.58	46901	6.91	56060	6.89
Pipavav	115101	22.47	178751	28.18	149734	27.64	163866	27.18	182052	26.83	197478	24.29
Kakinada	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Haldia	66	0.01	0	0.00	42	0.01	0	0.00	0	0.00	0	0.00
Others	18423	3.60	9113	1.49	3230	0.60	29498	3.40	16565	2.43	12205	1.50
Total	512163	100.00	612642	100.00	541792	100.00	602835	100.00	679436	100.00	813091	100.00

Port	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11	
	V	%	V	%	V	%	V	%	V	%	V	%
Kandla	28.32	0.39	3.64	0.04	1.29	0.02	0.41	0.00	0.00	0.00	1.75	0.01
Porbandar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mumbai	69.17	0.95	67.54	0.81	116.12	1.52	176.56	2.05	462.67	4.60	273.49	2.12
JN Port	1173.04	16.19	1279.48	15.30	1120.86	14.71	1487.28	17.28	1564.42	15.57	1970.65	15.27
Goa	55.56	0.77	89.45	1.07	111.22	1.46	185.16	2.15	219.24	2.18	275.33	2.13
Mangalore	103.27	1.43	149.49	1.79	162.61	2.13	238.44	2.77	400.33	3.98	668.32	5.34
Kanwar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kochi	1216.97	16.92	1470.51	17.85	1363.74	18.16	1504.98	17.48	1676.19	15.89	1852.14	14.67
Trinandrum	37.58	0.52	47.04	0.56	48.73	0.61	68.16	0.77	92.66	0.92	105.61	0.82
Tuticorin	613.17	8.46	735.48	8.79	654.64	8.59	693.76	8.06	686.45	6.83	880.41	6.82
Chennai	1382.56	19.08	1332.58	15.83	1158.5	15.20	1078.44	12.53	1314.14	13.08	1979.76	15.35
Vizag	1115.3	15.39	1264.75	15.12	1018.6	13.37	897.93	10.43	943.29	9.39	1300.26	10.08
Paradeep	0.98	0.01	0.00	0.00	0.45	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Kolkata	537.95	7.42	655.65	7.84	689.7	9.05	720.36	8.37	892.48	8.88	1313.67	10.18
Pipavav	776.83	10.72	1102.05	13.89	1075.31	14.11	1408.35	16.36	1673.74	16.66	2025.72	15.70
Kakinada	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Haldia	1.73	0.02	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Others	130.87	1.81	99.9	1.19	80.91	1.06	150.11	1.74	222.92	2.22	194.37	1.51
Total	7245.30	100.00	8363.56	100.00	7620.91	100.00	8607.94	100.00	100,00,0048.53	100.00	12901.47	100.00

Q : Quantity in tonnes V : Value in ₹ Crores
 Note : Totals may not tally due to rounding.
 Source : Marine Products Export Development Authority, Kochi



SECTION: C

FISHING HARBOURS



TABLE C-1 MAJOR AND MINOR FISHING HARBOURS – OUTLAYS AND EXPENDITURE

(₹ in lakhs)

Plan Period	Major Harbours		Minor Harbours **	
	Outlay	Expenditure	Outlay	Expenditure
Third Plan	5.00	17.00	-	-
Three Annual Plans (1966-67 to 1968-69)	253.00	3.00	295.00	157.00
Fourth Plan	1350.00	158.00	600.00	485.00
Fifth Plan	1800.00	1210.00	1200.00	321.00
Annual Plans				
(i) 1978-79	500.00	308.00	600.00	394.00
(ii) 1979-80	550.00	206.00	-	1.00
Sixth Plan	1700.00	1320.00	1900.00	1795.00
Seventh Plan	1700.00	1684.00	1900.00	2169.00
Annual Plans				
(i) 1990-91	492.00	492.00	432.00	432.00
(ii) 1991-92	500.00	545.00	600.00	600.00
Eighth Plan	5213.00	4583.20	4675.00	4903.00
Ninth Plan	11000.00*	6135.97*	-	-
Tenth Plan (2002-03 to 2006-07) **	10000.00	7666.84*	-	-
Total 3rd to 10 th Plan	35063.00	24329.01	12202.00	11257.00
11th Plan				
(i) 2007-08	2054.25	2054.25	-	-
(ii) 2008-09	2828.70	2828.70	-	-
(iii) 2009-10	4369.80	4369.80	-	-
(iv) 2010-11	6328.72	6328.72	-	-
(v) 2011-12	5990.33	5990.33	-	-
Total 11th Plan	21571.80	21571.80	-	-

* Includes major and minor fishing harbours & fish landing centres.
 ** The harbour scheme has been merged with in CSS on Development of Marine Fisheries, Infrastructure & Post Harvest Operations.

TABLE C-2 MAJOR FISHING HARBOURS AT MAJOR PORTS

Port	Cost (₹ Lakhs)*	Year of sanction	Status	Designed Capacity			
				DSV (No)	MFV (No)	Draft (m)	TL
1. Visakhapatnam							
Stage I	955.50	1975	C	90	300	4.5	1,938
Stage II	1,099.20	1978	C				
Stage III	454.30	1998	C				
Stage IV	354.00	2001	C				
2. Chennai							
Stage I	1,334.00	1973	C	50	500	3	1,220
Stage II	850.00	1994	C				
Modernisation	980.20	2009	UC	No change in capacity. Stage II for additional facilities			
3. Cochin							
Stage I	494.00	1971	C	57	450	6	560
Stage II	77.00 (100)	1993	C	No change in capacity. Stage II for additional facilities			
4. Kolkata							
Roychowk	370.00	1971	C	15	-	6	120
5. Paradip							
	2834.00 (3807)	1990	C	50	500	6	2335
6. Mumbai (Sasson Dock)							
	825 (1,099)	1977	C	-	700	3	1153

* Figures in brackets indicate the revised cost.
 C Completed/ Commissioned
 UC Under construction
 DSV Deep Sea Vessels
 MFV Mechanised Fishing Vessels
 TL Total length of landing + berthing + outfitting + repair quay/wharf (in meters)

TABLE C-3 NUMBER OF MAJOR, MINOR FISHING HARBOURS AND FISH LANDING CENTRES CONSTRUCTED/UNDER CONSTRUCTION BY STATES/ UNION TERRITORIES - WISE, TILL 2011-12

Sl. No.	State/ Union territory	Major Fishing Harbours		Minor Fishing Harbour		Fish Landing Centres	
		Commissioned	Under Construction	Commissioned	Under Construction	Commissioned	Under Construction
1	Andhra Pradesh	1		4		17	4
2	Goa					4	1
3	Gujarat			5	2	21	
4	Karnataka			8	4	13	
5	Kerala	1		7	9	25	2
6	Maharashtra	1		2	3	35	1
7	Odisha	1		4	1	25	3
8	Tamil Nadu	1		8	3	20	1
9	West Bengal	2		5		13	
10	A & N Islands			1		1	4
11	Daman & Diu					2	
12	Lakshadweep					3	
13	Puducherry			1	3	1	
Total		7		45	25	180	16

* Fish Landing Centres in approved under Tsunami Rehabilitation Programme (TRP)

TABLE C-4 FISHING HARBOURS AND FISH LANDING CENTRES CONSTRUCTED / COMMISSIONED TILL 2010-11

Location	FH/ FLC	Sanctioned Cost (₹ Lakhs)	Location	FH/ FLC	Sanctioned Cost (₹ Lakhs)
Andhra Pradesh			11 Gangoli	FLC	3.70
1 Cakadee	FH	973.17	12 Belleri	FLC	0.99
2 Nizamapatnam	FH	157.66	13 Keri	FLC	0.99
3 Bhavanapadu	FH	340.00	14 Bhakal	FLC	0.00
4 Machilipatnam	FH	470.88	15 Moolky	FLC	0.10
5 Calingapatnam	FLC	60.35	16 Sadasivpadi	FLC	0.99
6 Elmoga	FLC	61.57	17 Belambar	FLC	0.99
7 Baruva	FLC	83.60	18 Kodibengre	FLC	56.00
8 Narupalem	FLC	88.88	19 Hejmadiudi	FLC	95.00
9 Navvelarevu	FLC	79.35	Odisha		
10 Chhinipalli	FLC	79.77	1 Gopalpur	FH	805.30
11 Podimastakera	FLC	75.00	2 Dharma	FH	70.00
12 Mukkam	FLC	79.77	3 Naugadh (Astrang)	FH	507.00
13 Mynnavanlika	FLC	59.74	4 Dhamara Stage-II	FH	640.00
14 Vodarevu	FLC	88.86	5 Chandipur	FLC	15.00
15 Gondilamudram	FLC	88.82	6 Pathara	FLC	2.50
16 Isakapalli Pattappatnam	FLC	94.86	7 Naini Stage-I	FLC	5.41
17 Thatchilappalem	FLC	79.00	8 Naini Stage-II	FLC	8.00
18 Sandaravonpeta	FLC	81.16	9 Jambo	FLC	73.03
19 Myyadu	FLC	92.84	10 Palaur	FLC	17.00
20 Kothapatnam	FLC	92.47	11 Kamsabansa	FLC	65.10
Goa			12 Sorani	FLC	9.97
1 Cortalim	FLC	0.51	13 Sabella	FLC	2.42
2 Malim	FLC	89.25	14 Chudamani	FLC	14.06
3 Cutlona	FLC	89.20	15 Panchubisa	FLC	32.68
4 Cortalim stage II	FLC	89.31	16 Tilkhua	FLC	110.70
Gujarat			17 Kharasai	FLC	99.20
1 Veraval	FH	900.00	18 Chandrabhaga	FLC	8.32
2 Mangrol Stage-I	FH	200.00	19 Ruankulya	FLC	9.40
3 Petandar	FH	270.00	20 Tantiapali	FLC	99.06
4 Mangrol Stage-II	FH	701.00	21 Sorali	FLC	75.28
5 Jhaku	FH	3031.00	22 Sandersa	FLC	160.50
6 Jafraabad	FLC	25.00	23 Khandasipali	FLC	105.83
7 Manglore Stage - II	FH	79.00	24 Shivanapur Balasapur	FLC	108.60
8 Jakhai	FLC	5.00	25 Bahabapur	FLC	98.04
9 Vansi-Borsi	FLC	16.00	26 Kirania	FLC	172.00
10 Kosamba	FLC	13.00	27 Talitali	FLC	162.10
11 Mandvi	FLC	16.00	28 Gopalpal on Sea	FLC	96.00
12 Salaya	FLC	17.00	Tamil Nadu		
13 Ulmavadi	FLC	5.00	1 Tuticoin	FH	210.00
14 Jakhau	FLC	5.00	2 Mallapatnam	FH	10.00
15 Sachana	FLC	20.00	3 Kodlakrai	FH	14.40
16 Madhavad	FLC	17.76	4 Vallinokam	FH	77.00
17 Surabjan	FLC	31.53	5 Tona	FH	56.56
18 Megod Dungan	FLC	39.74	6 Pazhayar	FH	67.32
19 Dhosai	FLC	54.66	7 Chinnimulam	FH	684.00
20 Chowed	FLC	46.12	8 Cuddalore	FLC	12.00
21 Port Onjal	FLC	42.00	9 Rameshwaram	FLC	10.00
22 Rapara	FLC	43.35	10 Kottapatnam	FLC	22.00
23 Umrigangon	FLC	1.00	11 Muttom	FLC	12.60
24 Kolak	FLC	4.15	12 Vallapalam	FLC	7.14
25 Hiradot	FLC	0.71	13 Vallivilai	FLC	7.50
26 Navapur	FLC	0.61	14 Nagapatnam	FLC	0.75
27 Dhaniej	FLC	31.00	15 Paki Bay	FLC	1.00
Karnataka			16 Erwadai	FLC	26.00
1 Karwar	FH	30.00	17 Poompuhar	FLC	7.97
2 Homavav	FH	75.00	18 Kodimurli	FLC	7.50
3 Tadi	FH	4.59	19 Purnakkoyal	FLC	132.32
4 Mangalore	FH	33.00	20 Mutasakodi	FLC	132.32
5 Malpe Stage-I	FH	420.00	21 Pulicat	FLC	132.32
6 Malpe Stage-II	FH	1146.70	22 Sethubavachathram	FLC	132.32
7 Mangalore Stage - II	FH	75.00	23 Jagathapatnam	FLC	132.32
8 Koyamkulam	FH	624.00	24 Arcacothurai	FLC	132.32
9 Coomdapur	FLC	1.00	25 Solakudi	FLC	132.32
10 Kagal Hani	FLC	0.50	26 Mondapam	FLC	132.32
			27 Nagapatnam	FLC	122.00

TABLE C-4 FISHING HARBOURS AND FISH LANDING CENTRES CONSTRUCTED / COMMISSIONED TILL 2010-11

Location	FH/ FLC	Sanctioned Cost (₹ Lakhs)	Location	FH/ FLC	Sanctioned Cost (₹ Lakhs)
Kerala			21 Mulgion	FLC	1.86
1 Vichangan stage-I	FH	208.00	22 Navapur	FLC	0.20
2 Puthiappa	FH	962.50	23 Onni-Bhatti	FLC	0.03
3 Munambam	FH	1167.20	24 Thuruvadi	FLC	0.16
4 Vichangan stage-II	FH	704.00	25 Thal	FLC	0.55
5 Neendakara	FH	672.00	26 Ulton	FLC	0.02
6 Chombal	FH	556.00	27 Vashi	FLC	0.31
7 Mogla Bay	FH	816.00	28 Vastari	FLC	0.74
8 Thangassery	FH	1930.50	29 Rajuri	FLC	0.54
9 Muthalappozhy	FH	1366.00	30 Jeevne Bundar	FLC	0.54
10 Kassaragode	FLC	13.00	31 Mahim Causeway	FLC	23.07
11 Cannore	FLC	1.46	32 Albagh Kollwada	FLC	32.53
12 Neesleswaram	FLC	15.00	33 Tankari	FLC	53.34
13 Munakkadavu	FLC	19.00	34 Taramantri	FLC	97.02
14 Beyyone	FLC	2.10	35 Achara Peenwada	FLC	55.16
15 New Mahe	FLC	24.59	36 Rajuri Kollwada	FLC	73.96
16 Vallayil Beach	FLC	22.00	37 Eklara Kollwada	FLC	38.66
17 Vallikuru	FLC	17.90	West Bengal		
18 Chettuval	FLC	19.50	1 Fraser Ganj	FH	452.32
19 Arthungal	FLC	32.22	2 Digha Stage-I	FH	139.00
20 Poonani	FLC	8.00	3 Digha Stage-II	FH	492.52
21 Badapatnam	FLC	13.00	4 Sultampur	FH	708.18
22 Thottappally	FLC	30.00	5 Harwood point	FH	2462.00
23 Chenuvathur	FLC	18.00	6 Namkhana	FLC	7.06
24 Dharmaston	FLC	21.00	7 Jalka	FLC	9.50
25 South Paravoor	FLC	24.94	8 New Jalka	FLC	5.00
26 Vichangan South	FLC	19.10	9 Kharpai	FLC	6.30
27 Vichangan North	FLC	15.10	10 Kallinagar	FLC	7.13
28 Chali Gopalpettah	FLC	25.00	11 Bamanagar	FLC	4.18
29 Qulandy	FLC	23.00	12 Ganeshpur	FLC	5.31
30 Punnappra	FLC	36.80	13 Akhyanagar	FLC	3.08
31 Kitor Pollahat	FLC	50.25	14 Junapet	FLC	9.80
32 Thikkodi	FLC	49.25	15 Soula	FLC	15.27
33 Moyakkkadappuram	FLC	85.20	16 Madanganj	FLC	9.60
Maharashtra			17 Brjapalapur	FLC	9.65
1 Ratnagiri	FH	1840.50	18 Mayagalani ghat	FLC	345.23
2 Agro	FH	414.00	A & N Islands		
3 Karanja	FH	11.00	1 Phoenix Bay	FH	87.00
4 Navalgion	FLC	0.03	2 Junglhat	FLC	368.00
5 Borli Mandla	FLC	0.52	Lakshadweep		
6 Nandagan	FLC	0.10	1 Kavaratti	FLC	11.00
7 Murad	FLC	0.03	2 Minicoy	FLC	15.52
8 Theerinda	FLC	0.01	3 Agathi	FLC	6.00
9 Ajnala	FLC	0.00	Puducherry		
10 Ade-Untambar	FLC	0.02	1 Puducherry	FH	423.00
11 Agro	FLC	0.55	2 Dhanu	FLC	0.04
12 Bona	FLC	0.03	17 Daksh-Dahanu	FLC	0.99
13 Burundi	FLC	0.05	18 Kaharanda	FLC	0.82
14 Bagamandla	FLC	1.00	19 Eklara	FLC	0.01
15 Dhanu	FLC	0.92	20 Mandavi	FLC	0.51
16 Dhanu	FLC	0.99			
17 Daksh-Dahanu	FLC	0.99			
18 Kaharanda	FLC	0.82			
19 Eklara	FLC	0.01			
20 Mandavi	FLC	0.51			

TABLE C-5 FISHING HARBOURS AND FISH LANDING CENTRES UNDER CONSTRUCTION AS ON 2010-11

Location	FH/FLC	Sanctioned Cost (₹ Lakhs)	Location	FH/FLC	Sanctioned Cost (₹ Lakhs)
Andhra Pradesh			Maharashtra		
1 Antervedi Pallepalaem	FLC	721.00	1 Dwarigad	FH	3589.00
2 Lakshmparam	FLC	366.80	2 Karanja	FH	6802.00
3 Vodalaravu	FLC	223.80	3 Arnala	FH	6156.00
4 Gundayapalem	FLC	184.80	4 Sarjekote	FLC	30.00
Goa			Odisha		
1 Cortalim Stage-II	FLC	89.31	1 Bahabalpur	FH	1080.00
Gujarat			2 Panthakata	FLC	80.20
1 Ohrali	FH	1477.70	3 Hata Baradi	FLC	62.00
2 Okha	FH	2346.34	4 Balagoon	FLC	235.5
Karnataka			5 Nain Stage-III	FLC	38.86
1 Gangoli	FH	832.00	Tamil Nadu		
2 Karwa Stage-II	FH	130.00	1 Colaachel	FH	271.00
3 Mangalore Stage - III	FH	5760.00	2 Theupattinam	FH	271.00
4 Malpe Stage -III	FH	3715.00	3 Muttom	FH	5392.00
5 Honnavar Stage - II	FH	4474.00	4 Veerapandiapuram	FLC	132.32
6 Aivekodi	FH	223.00	West Bengal		
Kerala			1 Peulngat	FH	6092.65
1 Vizhinjam Stage-III	FH	704.00	A & N Islands		
2 Ponnani	FH	2759.40	1 Rangat Bay	FLC	321.66
3 Thottappally	FH	1458.30	2 Yerrata	FLC	370.73
4 Koyilandi	FH	3545.00	3 Durgapur (Diglipur)	FLC	601.09
5 Thalai	FH	1925.74	4 Mayabundar	FLC	425.63
6 Cheruvathur	FH	2906.00	Puducherry		
7 Chettuva	FH	3024.00	1 Karakkal	FH	3406.50
8 Kadappa	FLC	15.52	2 Maha	FH	7162.00
9 Palacode	FLC	15.00	3 Yenam	FH	1885.00



SECTION: D

FISHERIES INSTITUTES



TABLE D-1 MANPOWER TRAINED IN CIFNET, KOCHI

(Number as on 31.3.2012)

Sl. No.	State/Union Territory	Mate Fishing Vessels Course	Engine Drivers Fishing Vessels Course	Vessel Navigator Course	Marine Fitter Course	Bachelor of Fishing and Nautical
1	Andhra Pradesh	60	51	2	9	-
2	Assam	1	-	-	-	-
3	Bihar	21	14	8	-	1
4	Goa	6	15	2	1	-
5	Gujarat	31	37	2	-	-
6	Karnataka	75	55	-	-	2
7	Kerala	136	119	324	73	48
8	Maharashtra	26	34	2	2	-
9	Manipur	1	-	-	-	-
10	Odisha	38	22	-	1	-
11	Punjab	-	1	-	-	-
12	Rajasthan	-	2	-	-	-
13	Tamil Nadu	45	37	2	1	2
14	Uttar Pradesh	4	5	-	3	-
15	West Bengal	8	9	-	1	-
16	A & N Islands	23	28	-	-	-
17	Lakshadweep	57	50	3	4	2
18	Puducherry	123	157	2	6	-
19	Jharkhand	-	-	2	2	2
20	Private Industry	41	45	5	2	-
21	Private Candidates	1365	1359	112	128	66
22	I.C.A.R. Candidates	1	-	-	-	-
23	Overseas Candidates	5	-	-	-	-
TOTAL		2067	2040	466	233	123

Source: Central Institute of Fisheries, Nautical and Engineering Training, Kochi

TABLE D-2 MANPOWER TRAINED IN CIFNET, KOCHI IN ANCILLARY COURSES

(Number as on 31.3.2012)

Sl. No.	State/Union Territory	ADFGTC	EDME	RTOC	GTC	BBFC	SMC	TTC
1	Andhra Pradesh	1		7	7		2	
2	Assam					1		
3	Gujarat			2	12	7	1	
4	Goa			2	1		3	
5	Jammu & Kashmir	2						
6	Karnataka	1	1	13	8	2	14	
7	Kerala			20	22	29	15	12
8	Madhya Pradesh				1			
9	Maharashtra			1	4	2	14	
10	Manipur	2						
11	Odisha			2	6	2	4	6
12	Tamil Nadu	1	1	9	17	5	6	7
13	Uttar Pradesh			1	4			
14	West Bengal	2			7	2	14	4
15	A & N Islands				5	3	4	2
16	Lakshadweep			13	1	3	154	1
17	Puducherry			1	4	1	36	
18	Private Industry		16	47	9	6	19	
19	Private Candidate			101	26	35	64	
20	I.C.A.R Candidates			1				
21	Overseas Candidates	11		1	10	1	7	-
TOTAL		20	20	219	144	99	357	32

Abbreviations:

- ADFGTC : Advance Diploma in Fishing Gear Technology Course
 - EDME : Engineering(PV) Course for Diploma Holders in Mechanical Engineering
 - RTOC : Radio Telephone Operators' Course
 - GTC : Gear Technician Course
 - BBFC : Boat Building Foreman Course
 - SMC : Shore Mechanics Course
 - TTC : Teachers' Training Course
- Source : CIFNET, Kochi.

TABLE D-3 TRAINING OF OVERSEAS CANDIDATES AT CIFNET, KOCHI

(As on 31.3.2012)

Sl. No.	Country	Scheme	No. trained
1	Nigeria	FAO Fellowship	15
2	Philippines	FAO Fellowship	2
		Colombo Plan	2
3	Fiji	Colombo Plan	4
4	Zambia	SCAAP	8
5	Ghana	FAO Fellowship	2
		SCAAP	5
6	Laos	ESCAP	2
7	Burma	FAO Fellowship	12
		Colombo Plan	1
8	PDR Yemen	FAO Fellowship	3
		Bilateral	15
9	Tanzania	CFTC	4
10	Maldives	CFTC	5
		ITEC	4
11	Bangladesh	CFTC	16
		Colombo Plan	1
12	Kiribati	CFTC	1
13	Namibia	CFTC	10
14	Srilanka	CFTC	10
		ITEC	1
		Colombo Plan	1
Total			124

Abbreviations :

- FAO : Food and Agriculture Organization
 - SCAAP : Special Commonwealth African Assistance Plan
 - ESCAP : Economic & Social Commission for Asia and Pacific
 - CFTC : Commonwealth Fund for Technical Co-operation
 - ITEC : Indian Technical and Economic Co-operation
- Source : CIFNET, Kochi

TABLE D-4 ACHIEVEMENT OF NATIONAL INSTITUTE OF FISHERIES POST HARVEST TECHNOLOGY AND TRAINING PROJECT 2002-03 TO 2011-12

Activity	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Days out of sea (boats)	60.9	51.73	78.41	94.49	109.58	71.17	101.14	128.83	112.06	124.22
Fish Products Developed (tonnes)	41.66	37.81	59.76	53.02	80.03	95.59	75	75.3	112.83	77.1
(a)Quantity (tonnes)	46.17	50.85	38.53	56.74	98.17	55.63	58.9	64.46	89.29	83
(b)Value (₹ in Lakhs)	34.23	37.45	28.75	38.00	41.91	52.47	52.36	73.89	87.38	87.38
Number of Candidates	305.00	1079.00	731.00	451.00	459	951.00	922.00	832.00	836.00	416.00
a) Number of Candidates	3.16	4.63	4.66	7.02	1.90	11.01	10.83	10.83	10.83	2.31
b) Revenue Realized (₹ in Lakhs)	264.00	244.00	169.00	232.00	72.66	1.50	3.36	6.70	7.52	
Workshop/job orders taken	18.19	15.00	19.31	1.12						
Work (₹ in lakhs)										
(a) Income		11.00	5.00							
(b) Expenditure		497.00	901.00							
(c) Net Income		48.00	35.00	6.00						
(d) Revenue Realized (₹ in lakhs)		6.40	5.10	1.03	24.00					
Value Added	12.41	5.92	22.95	5.91		52.36	63.15	171.36	163.89	173.00
1. Revenue from Non-Project						66.97	73.89	188.88	133.89	9.98
2. Revenue from Project	6.89	2.40	13.76	4.17		37.17	45.77	14.88	13.89	9.88
3. Revenue from Government	2.15	1.87	5.40	1.43		15.95	19.85	6.19	4.94	4.94
4. Revenue from other sources										
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SECTION: E

PLAN OUTLAYS AND EXPENDITURES



HANDBOOK ON FISHERIES STATISTICS 2011

TABLE E-1 OUTLAYS AND EXPENDITURE FOR FISHERIES DEVELOPMENT OVER PLANS

(₹ Crores)

Plan	Outlay/ Expenditure	Central Sector Scheme	Centrally Sponsored Schemes	State Schemes	Total
First Plan	Outlay Exp.	1.00 0.38	@ @	4.13 2.40	5.13 2.78
Second Plan	Outlay Exp.	3.73 1.80	@ @	8.53 7.26	12.26 9.06
Third Plan	Outlay Exp.	6.72 3.03	@ @	21.55 20.29	28.27 23.32
Annual Plans (1966-69)	Outlay Exp.	15.30 9.04	@ @	26.91 23.83	42.21 32.67
Fourth Plan	Outlay Exp.	28.00 8.11	6.00 5.17	48.68 40.83	82.68 54.11
Fifth Plan	Outlay Exp.	51.05 39.93	17.00 4.07	83.19 71.11	151.24 115.11
Sixth Plan	Outlay Exp.	137.10 75.54	36.62 28.80	197.42 182.61	371.14 286.95
Seventh Plan	Outlay Exp.	156.58 116.93	60.75 53.26	329.19 307.40	546.52 477.59
Annual Plans (1990-92)	Outlay Exp.	25.45 16.48	55.16 43.73	212.13 211.90	292.74 272.11
Eighth Plan	Outlay Exp.	139.00 161.01	300.00 268.02	766.39 689.43	1205.39 1118.46
Ninth Plan	Outlay Exp.	240.00 124.97	560.00 273.18	1269.78 1016.26	2069.78 1414.41
Tenth Plan	Outlay Exp(2002-07)	417.36 223.25	388.50 397.17	1198.16 1188.51	2004.02 1808.93
Eleventh Plan	Outlay Exp(2007-11)& 2011-12	630.46 634.29	576.08 576.31	4169.06 1749.52	5375.60 2960.12

@ Figures given under Central Sector include those of Centrally Sponsored Schemes
 \$ Expenditure up to 2009-10

Note : Figures for Seventh Plan include the figures for Fishery Survey of India and Trawler Development Fund which were transferred to Ministry of Food Processing Industries.

Source: Planning Commission and Department of Animal Husbandry, Dairying and Fisheries

HANDBOOK ON FISHERIES STATISTICS 2011

TABLE E-2 OUTLAY AND EXPENDITURE ON FISHERIES UNDER STATE SECTOR SCHEMES, SEVENTH TO ELEVENTH PLAN

(₹ Lakhs)

Sl. No.	State/Union Territory	Seventh Plan		Eighth Plan	
		Outlay	Expenditure	Outlay	Expenditure
1	Andhra Pradesh	2140.00	2377.56	9806.00	1620.00
2	Arunachal Pradesh	250.00	247.93	565.00	735.00
3	Assam	1000.00	1717.42	2285.00	2789.00
4	Bihar	950.00	1050.73	2605.00	725.00
5	Goa	500.00	444.05	1000.00	644.00
6	Gujarat	2426.00	2108.37	3700.00	3626.00
7	Haryana	750.00	679.34	1506.00	1277.00
8	Himachal Pradesh	430.00	329.67	800.00	1058.00
9	Jammu & Kashmir	450.00	534.17	920.00	1155.00
10	Karnataka	2000.00	1470.46	4300.00	8098.00
11	Kerala	4000.00	3294.41	10500.00	11337.00
12	Madhya Pradesh	1048.00	909.64	1708.00	2028.00
13	Maharashtra	1600.00	1783.90	2914.00	2736.00
14	Manipur	465.00	504.89	800.00	956.00
15	Meghalaya	180.00	201.49	350.00	413.00
16	Mizoram	100.00	174.10	225.00	334.00
17	Nagaland	300.00	351.79	650.00	571.00
18	Odisha	1260.00	2670.53	10464.00	5263.00
19	Punjab	598.00	536.76	1782.00	1048.00
20	Rajasthan	400.00	274.99	955.00	590.00
21	Sikkim	120.00	79.95	150.00	150.00
22	Tamil Nadu	2400.00	1467.94	3150.00	7817.00
23	Tripura	600.00	1149.86	2200.00	1883.00
24	Uttar Pradesh	1250.00	1239.74	2150.00	2380.00
25	West Bengal	6175.00	3917.40	7917.00	6164.00
26	A & N Islands	405.00	150.98	1121.00	1387.29
27	Chandigarh	17.40	17.17	26.00	16.88
28	Dadra & Nagar Haveli	5.00	3.08	10.00	5.26
29	Daman & Diu	-	136.55	202.00	203.29
30	Delhi	80.00	49.34	60.00	73.10
31	Lakshadweep	520.00	327.15	938.00	817.31
32	Puducherry	500.00	538.95	880.00	1042.63
33	Chattisgarh	-	-	-	-
34	Uttarakhand	-	-	-	-
35	Jharkhand	-	-	-	-
Total		32919.40	30740.31	76639.00	68942.76

Source: Planning Commission

TABLE E-2 OUTLAY AND EXPENDITURE ON FISHERIES UNDER STATE SECTOR SCHEMES, SEVENTH TO ELEVENTH PLAN

(₹ Lakhs)

Ninth Plan		Tenth Plan		Eleventh Plan	
Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure (up to 2009-10)
5184.00	1986.00	2552.50	2738.19	9140.97	4491.07
1881.00	954.00	1201.34	1174.16	1887.00	1105.45
9976.00	5534.00	6838.50	4084.39	14251.00	6496.21
1000.00	672.00	1081.00	658.92	13828.25	3003.79
792.00	686.00	2424.17	2847.99	8427.96	3788.23
10400.00	6367.00	6132.00	5349.76	25929.81	12346.74
1738.00	2354.00	2865.00	2567.12	3720.00	2303.99
1450.00	1370.00	899.43	873.94	1367.35	708.93
2750.00	2354.00	4215.86	4724.71	4665.00	2599.10
11050.00	5215.00	5058.78	7893.28	51170.00	15223.32
17608.00	14984.00	17578.00	15472.27	38001.00	24982.91
4792.00	2995.00	3137.93	2968.21	8057.12	2440.51
4188.00	5138.00	6994.21	4574.38	37790.30	16622.00
2000.00	922.00	995.67	511.38	2897.00	1312.27
1400.00	521.00	1179.00	1070.27	2810.00	1577.78
450.00	596.00	946.00	883.63	3695.00	1421.49
2000.00	715.00	1297.00	1212.09	2767.00	1730.98
5418.00	6955.00	2272.50	2409.73	10218.00	3046.78
1952.00	1049.00	543.39	61.74	2113.52	146.52
770.00	376.00	252.20	201.66	246.17	110.69
200.00	178.00	245.00	248.05	515.78	240.78
9984.00	11178.00	11700.92	20428.02	66772.38	23129.27
1988.00	1635.00	2250.92	2269.15	5531.51	3934.13
2800.00	3023.00	3951.00	2885.03	5916.00	976.65
18713.00	18214.00	16062.74	15926.21	48045.00	20698.16
2484.00	1829.00	4440.60	1754.16	4342.00	1510.34
500.00	19.00	181.00	95.41	118.00	110.93
11.00	3.04	2.00	0.00	0.00	0.00
322.00	316.00	376.00	868.10	673.00	360.42
125.00	92.00	38.00	24.87	17.50	3.69
1552.00	1094.00	1188.00	939.91	7900.00	4229.38
1500.00	1403.00	4631.00	5647.72	12482.00	5170.65
-	454.00	1772.19	1763.07	8147.39	3396.72
-	143.00	1144.54	853.23	3128.40	1091.69
-	312.00	3367.96	2862.19	10335.00	4640.65
126978.00	101626.04	119816.35	118842.94	416906.41	174952.22

TABLE E-3 OUTLAY AND EXPENDITURE ON FISHERIES DEVELOPMENT UNDER STATE SECTOR SCHEMES, DURING ELEVENTH PLAN

(₹ Lakhs)

Sl. No.	State/Union Territory	Annual Plan 2007-08		Annual Plan 2008-2009	
		Outlay	Expenditure	Outlay	Expenditure
1	Andhra Pradesh	1034.36	1570.70	5104.36	2715.11
2	Arunachal Pradesh	252.00	278.00	178.00	332.45
3	Assam	1895.00	985.40	2987.00	2899.11
4	Bihar	400.00	629.95	550.00	363.77
5	Goa	1258.18	1264.74	1310.50	1216.88
6	Gujarat	2500.00	2310.98	5000.00	4895.47
7	Haryana	470.00	446.77	820.00	1004.25
8	Himachal Pradesh	238.75	228.93	240.70	192.00
9	Jammu & Kashmir	700.00	857.51	750.00	891.67
10	Karnataka	5980.00	1898.05	8198.00	4813.45
11	Kerala	5166.00	5243.23	9069.00	12189.54
12	Madhya Pradesh	800.00	666.52	1096.00	641.15
13	Maharashtra	3882.12	3729.00	4005.48	6646.00
14	Manipur	322.00	382.00	360.00	216.55
15	Meghalaya	450.00	348.38	500.00	565.27
16	Mizoram	300.00	313.46	400.00	454.22
17	Nagaland	342.00	422.00	475.00	674.73
18	Odisha	1515.00	729.21	1795.00	1292.24
19	Punjab	327.00	113.00	261.00	33.34
20	Rajasthan	85.00	59.63	38.92	22.25
21	Sikkim	70.00	70.00	75.00	100.00
22	Tamil Nadu	10314.36	7553.29	9474.10	7081.98
23	Tripura	1066.08	1051.62	1119.38	1291.79
24	Uttar Pradesh	1448.00	335.23	1660.00	330.72
25	West Bengal	4485.00	4700.40	7493.00	6859.14
26	A & N Islands	440.00	337.23	880.00	521.86
27	Chandigarh	41.00	51.56	54.00	50.14
28	Dadra & Nagar Haveli	0.00	0.00	0.00	0.00
29	Daman & Diu	71.00	82.19	80.00	101.86
30	Delhi	5.50	1.71	12.00	1.98
31	Lakshadweep	2051.00	1757.66	2394.00	1567.13
32	Puducherry	1253.00	1421.62	1338.00	1345.70
33	Chattisgarh	596.65	573.26	513.28	1386.14
34	Uttarakhand	754.38	348.17	998.54	389.82
35	Jharkhand	1505.00	1509.00	2000.00	1701.65
Total		52018.38	42270.40	71228.26	64589.36

Source: Planning Commission

TABLE E-3 OUTLAY AND EXPENDITURE ON FISHERIES DEVELOPMENT UNDER STATE SECTOR SCHEMES, DURING ELEVENTH PLAN

(₹ Lakhs)

Annual Plan 2009-10		Annual Plan 2010-11	Annual Plan 2011-12	Total Xth Plan	Total XI th Plan
Outlay	Expenditure	Outlay	Outlay	Outlay	Expenditure
1421.25	205.26	440.50	1140.50	9140.97	4491.07
300.00	495.00	728.00	429.00	1887.00	1105.45
2814.00	2611.70	2451.00	4304.00	14251.00	6496.21
2832.50	2010.07	4459.75	5596.00	13828.25	3003.79
1384.03	1306.61	1962.00	2513.25	8427.96	3788.23
6000.00	5140.29	6700.00	5729.81	25929.81	12346.74
900.00	852.87	810.00	720.00	3720.00	2303.99
247.90	288.00	309.00	331.00	1367.35	708.93
850.00	849.92	1238.00	1127.00	4665.00	2599.10
9310.00	8511.82	10735.00	16949.00	51170.00	15223.32
5000.00	7550.14	6500.00	12266.00	38001.00	24982.91
1920.00	1132.84	2359.00	1882.12	8057.12	2440.51
9028.00	6247.00	10003.00	10871.70	37790.30	16622.00
360.00	713.72	870.00	985.00	2897.00	1312.27
760.00	664.31	300.00	800.00	2810.00	1577.78
600.00	653.81	1000.00	1395.00	3695.00	1421.49
500.00	634.25	690.00	760.00	2767.00	1730.98
1600.00	1025.33	2350.00	2958.00	10218.00	3046.78
566.00	0.18	476.76	482.76	2113.52	146.52
35.65	28.81	37.40	49.20	246.17	110.69
70.78	70.78	100.00	200.00	515.78	240.78
10180.42	8494.00	11264.50	25539.00	66772.38	23129.27
1415.58	1590.72	1134.03	796.44	5531.51	3934.13
999.00	310.70	885.00	924.00	5916.00	976.65
9286.00	9338.62	13609.00	13172.00	48045.00	20698.16
750.00	651.25	1250.00	1022.00	4342.00	1510.34
13.00	9.23	7.00	3.00	118.00	110.93
0.00	0.00	0.00	0.00	0.00	0.00
157.00	176.37	157.00	208.00	673.00	360.42
0.00	0.00	0.00	0.00	17.50	3.69
1105.00	904.59	1300.00	1050.00	7900.00	4229.38
2791.00	2403.33	3500.00	3600.00	12482.00	5170.65
1518.16	1437.32	2678.30	2841.00	8147.39	3396.72
439.71	353.70	434.65	501.12	3128.40	1091.69
2200.00	1430.00	2080.00	2550.00	10335.00	4640.65
77154.98	68092.54	92818.89	123685.90	416906.41	174952.30

TABLE E-4 PROFILE OF PLAN SCHEMES FOR FISHERIES DEVELOPMENT, ELEVENTH PLAN - 2007-12

(₹ Crores)

Sl. No.	Name of the Schemes/Institutes	Approved Outlay 11th Plan	Expenditure
1	2	3	4
1	Development of Inland Fisheries & Aquaculture	350.00	99.98
2	Development of Marine Fisheries, Infrastructure & Post Harvest Operations	300.00	307.07
3	National Scheme of Welfare of Fishermen	180.00	169.26
4	Strengthening of Database & Geographical Information System of the Fisheries Sector	25.00	28.89
5	Assistance to Fisheries Institutes	371.00	209.83
5.1	Central Institute for Fisheries Nautical Engineering Training (CIFNET)	60.00	30.71
5.2	Central Institute for Coastal Engineering for Fisheries (CICEF)	1.00	0.33
5.3	National Institute for Fisheries Post Harvest Technology and Training (NIFPHATT)	10.00	8.72
5.4	Fishery Survey of India (FSI)	300.00	170.07
6	National Fisheries Development Board (NFDB)	1,550.00	397.20
7	TOTAL	2,776.00	1,212.23

Source: Department of Animal Husbandry, Dairying and Fisheries



SECTION: F

FISHERY RESOURCES



TABLE F-1 MARINE FISHERIES RESOURCES - COASTAL STATES AND UNION TERRITORIES OF INDIA

Sl. No.	State/Union Territory	App. Length of Coast Line (Kms.)	Continental Shelf ('000 Sq. Kms.)	Number of Landing Centres	Number of fishing Villages	No. of fishermen families	Fisherfolk population
1	Andhra Pradesh	974	33	353	555	163427	605428
2	Goa	104	10	33	39	2189	10545
3	Gujrat	1600	184	121	247	62231	336181
4	Karnataka	300	27	96	144	30713	167429
5	Kerala	590	40	187	222	118937	610165
6	Maharastra	720	112	152	456	81492	386259
7	Odisha	480	26	73	813	114238	605514
8	Tamil Nadu	1076	41	407	573	192697	802912
9	West Bengal *	158	17	59	188	76981	380138
10	A & N Islands	1912	35	16	134	4861	22188
11	Daman & Diu	27	-	5	11	7374	40016
12	Lakshadweep	132	4	10	10	5338	34811
13	Puducherry	45	1	25	40	14271	54627
Total		8118	530	1537	3432	874749	4056213

*Subsequent reference to villages actually means Gram Panchayat in West Bengal

Source : 1. State Government / Union Territory Administration
2. Marine Fisheries Census 2010

TABLE F-2 INLAND FISHERY RESOURCES BY STATES AND UNION TERRITORIES

Sl. No.	State/UTs	Rivers & Canals (Kms.)	Reservoirs (Lakh Ha)	Tanks & Ponds (Lakh Ha)	Flood plain Lakes & Derivatives Water (Lakh Ha)	Brackish Water (Lakh Ha)	Total Water Bodies (Lakh Ha)
1	Andhra Pradesh	11514	2.34	5.17	-	0.60	8.11
2	Arunachal Pradesh	2000	-	2.76	0.42	-	3.18
3	Assam	4820	0.02	0.23	1.10	-	1.35
4	Bihar	3200	0.60	0.95	0.05	-	1.60
5	Goa	250	0.03	0.03	-	Neg.	0.06
6	Gujarat	3865	2.43	0.71	0.12	1.00	4.26
7	Haryana	5000	Neg.	0.10	0.10	-	0.20
8	Himachal Pradesh	3000	0.42	0.01	-	-	0.43
9	Jammu & Kashmir	27781	0.07	0.17	0.06	-	0.30
10	Karnataka	9000	4.40	2.90	-	0.10	7.40
11	Kerala	3092	0.30	0.30	2.43	2.40	5.43
12	Madhya Pradesh	17088	2.27	0.60	-	-	2.87
13	Maharashtra	16000	2.79	0.59	-	0.10	3.48
14	Manipur	3360	0.01	0.05	0.04	-	0.10
15	Meghalaya	5600	0.08	0.02	Neg.	-	0.10
16	Mizoram	1395	-	0.02	-	-	0.02
17	Nagaland	1600	0.17	0.50	Neg.	-	0.67
18	Odisha	4500	2.56	1.14	1.80	4.30	9.80
19	Punjab	15270	Neg.	0.07	-	-	0.07
20	Rajasthan	5290	1.20	1.80	-	-	3.00
21	Sikkim	900	-	-	0.03	-	0.03
22	Tamil Nadu	7420	5.70	0.56	0.07	0.60	6.93
23	Tripura	1200	0.05	0.13	-	-	0.18
24	Uttar Pradesh	28500	1.38	1.61	1.33	-	4.32
25	West Bengal	2526	0.17	2.76	0.42	2.10	5.45
26	A & N Islands	115	0.01	0.03	-	1.20	1.24
27	Chandigarh	2	-	Neg.	Neg.	-	0.00
28	Dadra & Nagar Haveli	54	0.05	-	-	-	0.05
29	Daman & Diu	12	-	Neg.	-	Neg.	0.00
30	Delhi	150	0.04	-	-	-	0.04
31	Lakshadweep	-	-	-	-	-	0.00
32	Puducherry	247	-	Neg.	0.01	Neg.	0.01
33	Chhattisgarh	3573	0.84	0.63	-	-	1.47
34	Uttarakhand	2686	0.20	0.01	0.00	-	0.21
35	Jharkhand	4200	0.94	0.29	-	-	1.23
Total		195210	29.07	24.14	7.98	12.40	73.59

Neg. = Negligible

Source: State Govt/UT's

TABLE F-3 POTENTIAL OF FISHERY RESOURCES IN THE INDIAN EXCLUSIVE ECONOMIC ZONE

(million tonnes)

Depth range (mts)	0-100	100-200	200-500	Oceanic	Total
1	2	3	4	5	6
Demersal	1.83	0.21	0.10	-	2.13
Neretic Pelagic	2.00	0.05	0.02	-	2.07
Oceanic Pelagic	-	-	-	0.22	0.22
Total	3.82	0.26	0.11	0.22	4.41
Percent to total	86.62	5.87	2.60	4.91	100.00

Source: Report of the working group for revalidating the potential of Fishery Resources in the Indian EEZ. Fishery Survey of India (FSI)



SECTION: G

INTERNATIONAL COMPARISONS

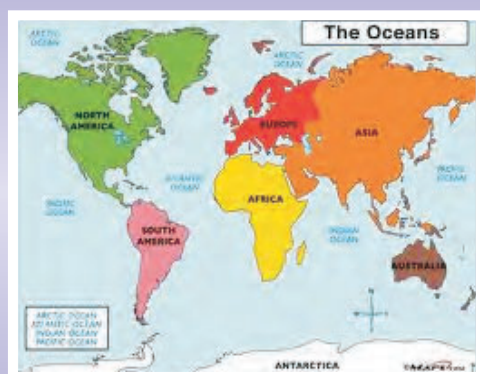


TABLE G-1 CONTRIBUTION OF INDIA TO WORLD FISH PRODUCTION SELECTED YEARS

(in '000 tonnes)

Year	World Production			Contribution of India		
	Total	Marine	Inland	Total	Marine	Inland
1950	19755	17521	2234	730	520	210
1955	28641	24968	3673	839	596	243
1960	36691	32665	4026	1162	820	282
1965	51229	46141	5088	1331	824	507
1970	67280	61277	6003	1759	1086	673
1975	68341	61481	6860	2267	1482	785
1980	75586	67953	7633	2446	1555	891
1985	91553	80888	10665	2839	1747	1092
1991	98261	84664	13597	4045	2390	1655
1992	100885	86329	14556	4232	2512	1720
1993	104477	88351	16126	4606	2676	1930
1994	112559	94659	17900	4785	2796	1989
1995	116411	96220	20191	4951	2754	2197
1996	120199	98038	22161	5231	2910	2321
1997	122542	98783	23759	5385	2949	2436
1998	117790	92593	25197	5275	2763	2512
1999	126651	99468	27183	5592	2848	2744
2000	130433	101831	28602	5689	2852	2837
2001	131002	101550	29452	5897	2930	2967
2002	133651	102953	30698	5924	3107	2817
2003	133187	101828	31359	6025	3107	2918
2004	140492	103796	36696	6190	2989	3201
2005	142691	103401	39290	6658	2995	3663
2006	143698	101990	41658	7014	3159	3855
2007	139995	96686	43309	6972	3088	3884
2008	142515	96311	46204	7951	3355	4596
2009	144599	96210	48389	7845	3285	4560

Totals may not tally due to rounding off.

Source : Food and Agriculture Organisation (FAO)

TABLE G-2 PERCENTAGE CONTRIBUTION OF INDIA TO WORLD FISH PRODUCTION, SELECTED YEARS

Year	Contribution of India to World Fish Production (Percent)		
	Total	Marine	Inland
1950	3.70	2.97	9.40
1955	2.93	2.39	6.62
1960	3.17	2.69	7.00
1965	2.60	1.79	9.96
1970	2.61	1.77	11.21
1975	3.32	2.41	11.44
1980	3.24	2.29	11.67
1985	3.10	2.16	10.24
1991	4.12	2.82	12.17
1992	4.19	2.91	11.82
1993	4.41	3.03	11.97
1994	4.25	2.95	11.11
1995	4.25	2.86	10.88
1996	4.35	2.97	10.47
1997	4.39	2.99	10.25
1998	4.48	2.98	9.97
1999	4.42	2.86	10.09
2000	4.36	2.80	9.92
2001	4.50	2.89	10.07
2002	4.43	3.02	9.18
2003	4.52	3.05	9.31
2004	4.41	2.88	8.72
2005	4.67	2.90	9.32
2006	4.88	3.10	9.25
2007	4.98	3.19	8.97
2008	5.58	3.48	9.95
2009	5.43	3.41	9.42

TABLE G-3 AVERAGE ANNUAL GROWTH RATE IN FISH PRODUCTION

Period	Total	Rest of the World		India		
		Marine	Inland	Marine	Inland	
1950-55	7.71	7.34	10.46	2.82	2.77	2.96
1955-60	5.08	5.52	1.85	6.73	8.11	3.02
1960-65	6.90	7.15	4.79	2.75	-1.31	12.45
1965-70	5.60	5.84	3.36	5.73	5.68	5.83
1970-75	0.31	0.07	2.70	5.21	6.42	3.13
1975-80	2.04	2.02	2.16	1.53	0.97	2.57
1980-85	3.91	3.55	6.92	3.02	2.36	4.15
1985-91	1.19	0.76	4.13	6.08	5.36	7.18
1991-92	2.67	1.97	7.05	4.62	5.10	3.93
1992-93	3.56	2.34	10.79	8.84	6.53	12.21
1993-94	7.74	7.14	11.00	3.89	4.48	3.06
1994-95	3.42	1.65	12.80	3.47	-1.50	10.46
1995-96	3.25	1.89	9.76	5.66	5.66	5.64
1996-97	1.95	0.76	7.21	2.94	1.34	4.95
1997-98	-3.88	-6.27	6.05	-2.04	-6.31	3.12
1998-99	7.52	7.42	7.88	6.01	3.08	9.24
1999-00	2.99	2.38	5.22	1.73	0.14	3.39
2000-01	0.44	-0.28	2.97	3.66	2.73	4.58
2001-02	2.02	1.38	4.23	0.46	6.04	-5.06
2002-03	-0.35	-1.09	2.15	1.70	0.00	3.59
2003-04	5.48	1.93	17.02	2.74	-3.80	9.70
2004-05	1.57	-0.38	7.07	7.56	0.20	14.43
2005-06	0.71	-1.36	6.03	5.35	5.48	5.24
2006-07	-2.58	-5.20	3.96	-0.60	-2.25	0.75
2007-08	1.80	-0.39	6.68	14.04	8.65	18.33
2008-09	1.46	-0.10	4.73	-1.33	-2.09	-0.78

Totals may not tally due to rounding off.

TABLE G-4 FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 2000-2009

Sl.No.	Country	Production (in '000 tonnes)									
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1	China	41568	42579	44520	45642	47508	49468	51522	46074	47523	49899
2	Peru	19658	7991	8177	6100	9635	9417	7046	7250	7435	6899
3	Spain	4822	4363	4018	4176	5010	5029	4971	4599	4398	4247
4	USA	5173	5424	5435	5435	5566	5361	5325	5293	4850	4702
5	Russian Fed.	4048	3718	3334	3390	3051	3306	3390	3560	3499	3943
6	Indonesia	4828	4894	5237	5524	5856	5578	6052	6443	6893	6833
7	Norway	3191	3198	3291	3132	3160	3050	2964	3222	3280	3486
8	Rep. of Korea	2146	2285	1993	2031	1981	2075	2264	2476	2424	2330
9	Japan	3830	3648	3797	3814	4018	3743	4162	3675	3204	3198
10	Thailand	2280	2384	2474	2626	2724	2804	2942	3209	3302	3340
11	Philippines	1982	1985	2133	1984	1737	1669	1335	NA	NA	NA
12	Iceland	1534	1552	1474	1074	1132	950	905	NA	NA	NA
13	Denmark	1314	1475	1524	1540	1539	1422	1459	1613	1741	1769
14	Mexico	1269	1265	1210	1210	1210	1210	1210	1167	1167	1167
15	Spain	1210	95	95	95	95	95	95	NA	NA	NA
16	Malaysia	1441	1393	1441	1454	1507	13905	1465	1564	1642	1729
17	VietNam	1952	2313	2506	2794	3078	3367	3618	4106	4550	4799
18	Myanmar	NA	NA	NA	NA	NA	1848	1848	NA	NA	NA
19	Myanmar	NA	NA	NA	NA	NA	2840	2840	NA	NA	3545
20	Taiwan	NA	NA	NA	NA	NA	NA	2440	2583	2896	2896
21	Bangladesh	NA	NA	NA	NA	NA	NA	NA	1977	1977	1977
22	Bangladesh	NA	NA	NA	NA	NA	NA	NA	NA	NA	1163
23	Morocco	NA	NA	NA	NA	NA	NA	NA	879	879	879
24	Morocco	NA	NA	NA	NA	NA	NA	NA	NA	NA	1163
25	Total of above countries	105523	104260	107188	108097	112714	126272	115586	113437	116596	119458
26	WORLD TOTAL	130434	131002	133651	133187	140475	142891	143648	139995	142515	144599

Source : Food and Agriculture Organisation (FAO) NA : Not Available

TABLE G-5 PERCENT SHARE OF MAJOR FISH PRODUCING COUNTRIES IN WORLD FISH PRODUCTION, 2000-2009

Sl.No.	Country	Share (%)									
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1	China	31.87	32.50	33.16	34.27	33.62	34.67	35.87	32.91	33.35	34.37
2	Peru	8.17	6.10	6.57	4.58	6.86	6.60	4.91	5.18	5.22	4.81
3	Spain	3.74	3.33	3.00	3.14	3.69	3.52	3.46	3.29	3.09	2.94
4	USA	3.97	4.14	4.07	4.12	3.96	3.76	3.71	3.78	3.40	3.25
5	Russian Fed.	3.10	2.84	2.49	2.55	2.17	2.32	2.36	2.54	2.46	2.73
6	Indonesia	3.78	3.74	3.92	4.22	4.21	3.91	4.21	4.60	4.70	4.73
7	Norway	2.45	2.44	2.46	2.35	2.25	2.14	2.08	2.30	2.30	2.41
8	Rep. of Korea	1.65	1.65	1.47	1.52	1.41	1.45	1.58	1.75	1.69	1.61
9	Japan	2.95	2.85	2.95	2.85	2.85	2.85	2.85	2.85	2.85	2.85
10	Thailand	2.78	2.78	2.84	2.94	2.86	2.62	2.90	2.63	2.25	2.17
11	Philippines	1.75	1.82	1.85	1.97	1.94	1.97	2.05	2.29	2.32	2.31
12	Iceland	1.52	1.62	1.60	1.49	1.24	1.17	0.93	NA	NA	NA
13	Denmark	1.18	1.18	1.10	0.81	0.81	0.67	0.63	1.15	1.22	1.22
14	Mexico	1.01	1.13	1.14	1.16	1.10	1.00	1.02	1.07	0.82	0.81
15	Spain	0.90	0.72	0.72	0.72	0.68	0.65	0.65	0.65	0.65	0.65
16	Malaysia	1.10	1.06	1.08	1.09	1.07	0.974	1.02	1.12	1.15	1.20
17	VietNam	1.50	1.77	1.88	2.10	2.19	2.36	2.52	2.83	3.19	3.32
18	Taiwan	1.03	0.99	1.03	1.12	1.12	1.39	1.29	2.03	2.22	2.45
19	Myanmar	NA	NA	NA	NA	NA	NA	NA	1.74	1.80	2.00
20	Bangladesh	NA	NA	NA	NA	NA	NA	NA	0.63	0.70	0.80
21	Bangladesh	NA	NA	NA	NA	NA	NA	NA	0.63	0.70	0.80
22	Morocco	NA	NA	NA	NA	NA	NA	NA	0.63	0.70	0.80
23	Morocco	NA	NA	NA	NA	NA	NA	NA	0.63	0.70	0.80
24	Morocco	NA	NA	NA	NA	NA	NA	NA	0.63	0.70	0.80
25	Total for above countries	80.90	79.59	80.20	79.66	80.24	88.49	80.47	81.03	81.81	82.61
26	WORLD TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Source : Food and Agriculture Organisation (FAO)

TABLE G-6 INLAND FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 1995-2009

Sl.No. Country	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1. China	10833	12723	13589	15589	16913	18520	17515	18554	18392	18463	19692	20803	22654	23807	25357
2. Japan	107	109	100	93	84	83	71	71	63	68	106	96	83	75	81
3. USA	25	0	295	310	324	0	317	329	340	393	380	371	378	351	324
4. Russia Fed.	270	281	275	329	369	358	287	298	296	288	333	314	334	332	360
5. Indonesia	660	719	633	619	697	734	784	798	847	1128	1208	1253	1706	1982	2031
6. Norway	2	0	25	20	15	15	2273	1957	2018	36	227	24	24	24	24
7. India	2197	2321	2436	2512	2744	2838	2867	2817	2918	3201	3653	3855	3884	4596	4560
8. Thailand	380	435	427	425	452	471	465	474	527	727	738	741	1274	1257	1305
9. Viet Nam	276	262	270	270	259	259	270	270	270	270	270	270	270	270	270
10. Philippines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Iceland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Denmark	127	136	131	114	106	123	114	105	123	143	148	150	150	150	150
13. Mexico	160	18	20	22	25	27	34	31	33	37	38	46	46	46	46
14. Argentina	19	22	29	35	41	44	48	53	60	67	67	67	67	67	67
15. Malaysia	391	505	489	450	524	542	627	669	809	914	1005	1038	2059	2428	2529
16. Viet Nam	76	70	68	58	79	70	101	102	105	210	194	176	193	2096	2283
17. Bangladesh															
18. Myanmar															
19. Egypt															
20. Saudi Arabia															
21. Mozambique															
22. Somalia															
23. Mauritius															
24. Ethiopia															
25. Israel															
26. Jordan															
27. Kenya															
28. Reunion															
29. South Africa															
30. Sudan															
31. Congo, Dem. Rep.															
32. WORLD TOTAL	1846	1979	1932	2045	2179	2219	2195	2165	2059	2049	2191	2349	2659	2949	3139
33. Total for above countries	2092	2214	2378	2517	2713	2802	2842	2898	3158	3686	3928	4168	4338	4624	4838

Source : Food and Agriculture Organisation (FAO)

TABLE G-7 MARINE FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 1995-2009

Sl.No. Country	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1. China	17502	18424	21138	22536	24017	24748	25264	25966	27250	32280	32874	33482	33220	32616	24342
2. Peru	6866	9486	7638	4303	6391	10625	7958	6747	6066	9580	9573	7005	7186	7382	6885
3. Japan	7659	6654	6532	5957	5976	3659	5432	5119	4776	5589	5442	5901	1069	8592	8592
4. Chile	5382	5130	5127	4844	4934	4865	5107	5108	5142	5209	5064	5020	4914	4409	4278
5. USA	4104	4448	4440	4189	3841	3850	3431	3036	3104	2822	3030	3142	3226	3167	3483
6. Russia Fed.	3487	3572	3820	3975	4039	4195	4111	4439	4777	5003	5533	6056	4737	4731	4802
7. Indonesia	2801	2970	3230	3271	3095	3191	3197	3290	3131	3309	3208	3113	3221	3279	3486
8. Norway	2663	2746	2571	2334	2410	2132	2273	1957	2018	2502	2691	3044	2449	2393	2300
9. Rep. of Korea	2754	2910	2949	2763	2848	2852	2967	2817	2918	2989	2995	3159	3088	3355	3285
10. India	3193	3125	3002	3097	3169	3160	3163	3223	3387	3373	3380	3364	2402	1947	1833
11. Thailand	1946	1870	1880	1820	1967	2023	2119	2199	2350	3386	3690	3769	2454	2609	2638
12. Philippines	1612	2059	2205	1681	1734	1922	1885	2133	1984	1763	1693	1355	1402	1286	1144
13. Iceland	1999	1681	1826	1557	1405	1534	1552	1474	1074	1100	920	877	1472	1608	1631
14. Denmark	1202	1328	1398	1061	1096	1191	1361	1420	1417	1248	1311	1367	1472	1608	1631
15. Mexico	1396	1392	1429	1569	1592	1280	1387	1206	1201	1063	1033	1209	1068	1138	1146
16. Spain	1144	1238	1341	1117	1012	890	916	929	885	911	896	1139	896	1139	1146
17. Argentina	1226	1217	1252	1252	1366	1390	1383	1401	1462	1357	1431	1454	1491	1502	1502
18. Malaysia	1075	1132	1191	1257	1329	1410	1688	1637	1985	2194	2292	2386	2047	2122	2270
19. Viet Nam	1210	1160	1229	1274	1268	1267	1202	1270	1381	1098	1130	1106	1518	1684	1699
20. Taiwan															
21. Myanmar															
22. Nepal															
23. Canada															
24. Total for above countries	7792	8045	8042	7385	8094	8274	8063	8247	8107	8287	9269	9269	7748	7766	7801
25. WORLD TOTAL	9420	9838	9783	9593	9468	10183	10150	10253	10128	10796	10340	10190	9686	9631	9620

Source : Food and Agriculture Organisation (FAO)

TABLE G-8 INLAND CAPTURE FISHERIES OF INDIAN OCEAN BORDERING COUNTRIES, 1995-2009

Sl. No. Country	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1. India	63876	63825	64175	66239	66883	78974	97563	75359	57230	84376	86239	82410	84738	91967	91967
2. Indonesia	31453	34530	30407	38986	32827	33870	31040	30489	39856	33149	26784	30441	32000	30946	30946
3. Myanmar	14837	14684	14609	14879	15746	18078	23820	25489	29140	45209	50540	83120	71760	81740	89430
4. Malaysia	3939	3883	3949	4526	3386	3549	3448	3450	3828	4119	4592	4105	4290	4353	4468
5. Pakistan	121405	142092	167300	183524	178865	176468	181000	181000	185703	93887	84644	140000	100000	100000	112356
6. Bangladesh	527739	535917	534285	538889	648418	670465	688920	688435	709333	732087	582939	958686	1008761	1001081	1218937
7. Sri Lanka	8800	102986	102795	44083	143400	151000	88335	59853	59894	59825	67986	71405	74064	65862	71781
8. Iran Islamic Rep.	15200	22250	27250	29800	34500	30700	26300	25700	26620	30780	31900	35300	30300	44300	46500
9. Maldives	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
10. Mozambique	317029	262276	306759	300000	260000	280000	293000	278500	301955	312494	320586	292519	284346	281960	294402
11. Tanzania	228320	232960	243699	250181	225300	253470	256422	292645	313371	282099	242700	256288	241743	231792	237900
12. Saudi Arabia															
13. Egypt	5983	7510	11668	8984	10243	13388	5284	12156	10948	27760	22981	29817	24081	28388	9546
14. Mozambique	250	250	250	250	200	200	200	200	200	200	200	200	200	200	200
15. Somalia	250	250	250	250	200	200	200	200	200	200	200	200	200	200	200
16. Mauritius															
17. Ethiopia	22855	18949	20519	9111	11513	9700	14100	11900	13200	10361	23570	46300	45400	29886	22256
18. Israel															
19. Jordan															
20. Kenya															
21. Reunion															

TABLE H INDICES OF WHOLE SALE PRICES

Year	Inland	Fish Marine	Mutton	Food Articles	All Commodities
Base 1993-94=100					
1996	127.30	143.30	162.80	132.50	125.60
1997	150.80	186.60	179.80	140.30	131.30
1998	166.70	201.70	186.90	156.50	138.90
1999	182.30	186.50	189.40	163.20	143.80
2000	237.00	192.90	200.00	169.80	152.80
2001	245.70	193.60	194.00	174.30	160.70
2002	291.50	180.80	195.40	178.60	164.70
2003	258.40	206.50	201.40	181.00	173.40
2004	265.00	202.20	216.60	185.10	184.90
2005	318.30	202.30	225.00	192.40	193.70
2006	332.30	233.40	240.60	205.60	203.00
2007	299.40	274.50	255.90	220.00	212.80
2008	289.90	300.30	291.00	234.60	232.20
2009	389.70	298.90	345.20	264.20	237.10
Base year 2004-05 = 100					
2005	113.70	98.40	102.80	103.30	103.40
2006	112.50	118.60	115.60	112.30	109.60
2007	101.90	125.20	122.10	122.70	114.90
2008	101.00	139.20	136.90	131.60	124.90
2009	135.50	151.40	164.90	148.30	127.90
2010	186.70	212.80	186.60	174.60	140.10
2011	230.60	236.60	195.90	190.40	153.40

Source : Office of the Economic Advisor, Ministry of Commerce and Industry



SECTION: I

LIST OF DISTRICTS - STATE / UT WISE

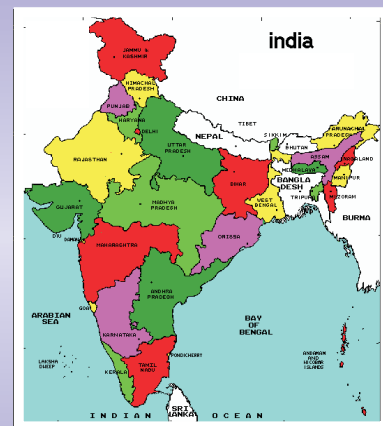


TABLE I CODE LIST OF STATES AND DISTRICTS

State Code	District Code	Name of the State/Union Territory and Districts	State Code	District Code	Name of the State/Union Territory and Districts
01	00	JAMMU & KASHMIR	03	07	Rupnagar
01	01	Kupwara	03	08	Fatehgarh Sahib
01	02	Baramula	03	09	Ludhiana
01	03	Srinagar	03	10	Moga
01	04	Badgam	03	11	Firozpur
01	05	Pulwama	03	12	Muktsar
01	06	Anantnag	03	13	Faridkot
01	07	Leh (Ladakh)	03	14	Bathinda
01	08	Kargil	03	15	Mansa
01	09	Doda	03	16	Sangrur
01	10	Udhampur	03	17	Patiala
01	11	Punch	03	18	Tarn Taran
01	12	Rajauri	03	19	Sahibzada Ajit Singh Nagar
01	13	Jammu	03	20	Barnala
01	14	Kathua	04	00	CHANDIGARH
01	15	Bandipore	04	01	Chandigarh
01	16	Ganderbal	05	00	UTTARAKHAND
01	17	Shuplyan	05	01	Uttarkashi
01	18	Kulgam	05	02	Chamoli
01	19	Ramban	05	03	Rudraprayag
01	20	Kishtwar	05	04	Tehri Garhwal
01	21	Reasi	05	05	Dehradun
01	22	Samba	05	06	Garhwal
02	00	HIMACHAL PRADESH	05	07	Pithoragarh
02	01	Chamba	05	08	Bageshwar
02	02	Kangra	05	09	Almora
02	03	Lahul & Spiti	05	10	Champurawat
02	04	Kullu	05	11	Nainital
02	05	Mandi	05	12	Udham Singh Nagar
02	06	Hamirpur	05	13	Hardwar
02	07	Una	06	00	HARYANA
02	08	Bilaspur	06	01	Panchkula *
02	09	Solan	06	02	Ambala
02	10	Sirsa	06	03	Yamunanagar
02	11	Shimla	06	04	Kurukshetra
02	12	Kinnaur	06	05	Kaithal
03	00	PUNJAB	06	06	Karnal
03	01	Gurdaspur	06	07	Panipat
03	02	Amritsar	06	08	Sonapat
03	03	Kapurthala	06	09	Jind
03	04	Jalandhar	06	10	Fatehabad
03	05	Hoshiarpur	06	11	Sirsa
03	06	Sahid Bhagat Singh Nagar	06	12	Hisar

Source : Registrar General of India

Continued...

TABLE I CODE LIST OF STATES AND DISTRICTS

State Code	District Code	Name of the State/Union Territory and Districts	State Code	District Code	Name of the State/Union Territory and Districts
06	13	Bhiwani	08	24	Bhilwara
06	14	Rohatak	08	25	Rajsamand
06	15	Jhajjar	08	26	Udaipur
06	16	Mahendragarh	08	27	Dungarpur
06	17	Rewari	08	28	Banswara
06	18	Gurgaon	08	29	Chittaurgarh
06	19	Faridabad	08	30	Kota
06	20	Mewat	08	31	Baran
06	21	Palwal	08	32	Jhalawar
07	00	NCT OF DELHI	09	00	UTTAR PRADESH
07	01	North West	09	01	Saharanpur
07	02	North	09	02	Muzaffarnagar
07	03	North East	09	03	Bijnor
07	04	East	09	04	Moradabad
07	05	New Delhi	09	05	Rampur
07	06	Central	09	06	Jyotiba Phule Nagar
07	07	West	09	07	Mesrit
07	08	South West	09	08	Baghpat
07	09	South	09	09	Ghaziabad
08	00	RAJASTHAN	09	10	Gautam Buddha Nagar
08	01	Ganganagar	09	11	Bulandshahr
08	02	Hanumangarh	09	12	Aligarh
08	03	Bikaner	09	13	Mahamaya Nagar
08	04	Churu	09	14	Mathura
08	05	Jhunjhunun	09	15	Agra
08	06	Alwar	09	16	Firozabad
08	07	Bharatpur	09	17	Etah
08	08	Dhaulpur	09	18	Mainpuri
08	09	Karauli	09	19	Budaun
08	10	Sawai Madhopur	09	20	Bareilly
08	11	Dausa	09	21	Pilibhit
08	12	Jaipur	09	22	Shahjahanpur
08	13	Sikar	09	23	Kheri
08	14	Nagaur	09	24	Sitapur
08	15	Jodhpur	09	25	Hardoi
08	16	Jaisalmer	09	26	Unnao
08	17	Barmer	09	27	Lucknow
08	18	Jalor	09	28	Rae Bareilly
08	19	Sirohi	09	29	Farrukhabad
08	20	Pali	09	30	Kannauj
08	21	Ajmer	09	31	Etah
08	22	Tonk	09	32	Auraiya
08	23	Bundi	09	33	Kanpur Dehat

Source : Registrar General of India

Continued...

TABLE I CODE LIST OF STATES AND DISTRICTS

State Code	District Code	Name of the State/Union Territory and Districts	State Code	District Code	Name of the State/Union Territory and Districts
09	34	Kanpur Nagar	10	05	Madhubani
09	35	Jalaun	10	06	Supaul
09	36	Jhansi	10	07	Araria
09	37	Lalitpur	10	08	Kishanganj
09	38	Hamirpur	10	09	Purnia
09	39	Mahoba	10	10	Katihar
09	40	Banda	10	11	Madhepura
09	41	Chitrakoot	10	12	Saharsa
09	42	Fatehpur	10	13	Darbhanga
09	43	Pratapgarh	10	14	Muzaffarpur
09	44	Kaushambi	10	15	Gopalganj
09	45	Allahabad	10	16	Siwan
09	46	Barabanki	10	17	Saran
09	47	Faizabad	10	18	Vaishali
09	48	Ambedkar Nagar	10	19	Samastipur
09	49	Sultanpur	10	20	Begusarai
09	50	Bahraich	10	21	Khagaria
09	51	Shrawasti	10	22	Bhagalpur
09	52	Balrampur	10	23	Banka
09	53	Gonda	10	24	Munger
09	54	Siddharthnagar	10	25	Lakhisarai
09	55	Basti	10	26	Sheikhpura
09	56	Sant Kabir Nagar	10	27	Nalanda
09	57	Maharajan	10	28	Patna
09	58	Gorakhpur	10	29	Bhojpur
09	59	Kushinagar	10	30	Buxar
09	60	Deoria	10	31	Kaimur (Bhabua)
09	61	Azamgarh	10	32	Rohtas
09	62	Mau	10	33	Jehanabad
09	63	Ballia	10	34	Aurangabad
09	64	Jaunpur	10	35	Gaya
09	65	Ghaziपुर	10	36	Nawada
09	66	Chandauli	10	37	Jamui
09	67	Varanasi	10	38	Arwal
09	68	Sant Ravidas Nagar	11	00	SIKKIM
09	69	Mirzapur	11	01	North
09	70	Sonbhadra	11	02	West
09	71	Kanshiram Nagar	11	03	South
10	00	BIHAR	11	04	East
10	01	Pashchim Champaran	12	00	ARUNACHAL PRADESH
10	02	Purba Champaran	12	01	Tawang
10	03	Sheohar	12	02	West Kameng
10	04	Sitamarhi	12	03	East Kameng

Source : Registrar General of India

Continued...

TABLE I CODE LIST OF STATES AND DISTRICTS

State Code	District Code	Name of the State/Union Territory and Districts	State Code	District Code	Name of the State/Union Territory and Districts
12	04	Papum Pare	15	07	Lawanglail
12	05	Lower Subansiri	15	08	Saiha
12	06	Upper Subansiri	16	00	TRIPURA
12	07	West Siang	16	01	West Tripura
12	08	East Siang	16	02	South Tripura
12	09	Upper Siang	16	03	Dhalai *
12	10	Dibang Valley	16	04	North Tripura
12	11	Lohit	17	00	MEGHALAYA
12	12	Changlang	17	01	West Garo Hills
12	13	Tirap	17	02	East Garo Hills
12	14	Kurang Kumei	17	03	South Garo Hills
12	15	Lower Dibang Valley	17	04	West Khasi Hills
12	16	Anjaw	17	05	Ri Bhoi
13	00	NAGALAND	17	06	East Khasi Hills
13	01	Mon	17	07	Jaintia Hills
13	02	Tuensang	18	00	ASSAM
13	03	Mokokchung	18	01	Kokrajhar
13	04	Zunheboto	18	02	Dhubri
13	05	Wokha	18	03	Goalpara
13	06	Dimapur	18	04	Bongaigaon
13	07	Kohima	18	05	Barpeta
13	08	Phek	18	06	Kamrup
13	09	Jongleg	18	07	Nalbari
13	10	Kiphire	18	08	Darrang
13	11	Peren	18	09	Morigaon
14	00	MANIPUR	18	10	Nagaon
14	01	Senapati	18	11	Sonitpur
14	02	Tamenglong	18	12	Lakhimpur
14	03	Churachandpur	18	13	Dhemajoi
14	04	Bishnupur	18	14	Tinsukia
14	05	Thuabal	18	15	Dibrugarh
14	06	Imphal West	18	16	Sivasagar
14	07	Imphal East	18	17	Jorhat
14	08	Ukhrul	18	18	Golaghat
14	09	Chandel	18	19	Karbi Anglong
15	00	MIZORAM	18	20	Dima Hasao
15	01	Mamit *	18	21	Cachar
15	02	Kolasib *	18	22	Karimganj
15	03	Aizawl	18	23	Hallakandi
15	04	Champhai *	18	24	Chirang
15	05	Serchhip *	18	25	Kamrup Metropolitan
15	06	Lunglei	18	26	Baksa
			18	27	Udalguri

Source : Registrar General of India

Continued...

TABLE I CODE LIST OF STATES AND DISTRICTS

State Code	District Code	Name of the State/Union Territory and Districts	State Code	District Code	Name of the State/Union Territory and Districts
19	00	WEST BENGAL	20	22	Khunti
19	01	Darjiling	20	23	Simdega
19	02	Jalpaiguri	20	24	Sarakela- Kharsawan
19	03	Koch Bihar	21	00	ODISHA
19	04	Uttar Dinajpur	21	01	Bargarh
19	05	Dakshin Dinajpur	21	02	Jharsuguda
19	06	Maldah	21	03	Sambalpur
19	07	Murshidabad	21	04	Debagarh
19	08	Birbhum	21	05	Sundargarh
19	09	Bardhaman	21	06	Kendujhar
19	10	Nadia	21	07	Mayurbhanj
19	11	North Twenty Four Parganas	21	08	Baleshwar
19	12	Hugli	21	09	Bhadrak
19	13	Bankura	21	10	Kendrapara
19	14	Purulia	21	11	Jagatsinghpur
19	15	Paschim Medinipur	21	12	Cuttack
19	16	Purba Medinipur	21	13	Jajapur
19	17	Habra	21	14	Dhenkanal
19	18	Kolkata	21	15	Anugul
19	19	South Twenty Four Parganas	21	16	Nayagarh
20	00	JHARKHAND	21	17	Khordha
20	01	Garhwa	21	18	Puri
20	02	Palamu	21	19	Ganjam
20	03	Chatra	21	20	Gajapati
20	04	Hazaribag	21	21	Kandhamal
20	05	Kodarma	21	22	Boudh
20	06	Giridih	21	23	Subarnapur
20	07	Deoghar	21	24	Balangir
20	08	Godda	21	25	Nusapada
20	09	Sahibganj	21	26	Kalahandi
20	10	Pakaur	21	27	Rayagada
20	11	Dumka	21	28	Nabarangapur
20	12	Dhanbad	21	29	Koraput
20	13	Bokaro	21	30	Malkangiri
20	14	Ranchi	22	00	CHHATTISGARH
20	15	Lohardaga	22	01	Koriya
20	16	Gumla	22	02	Surguja
20	17	Pashchimi Singhbhum	22	03	Jashpur
20	18	Purbi Singhbhum	22	04	Raigarh
20	19	Latehar	22	05	Korba
20	20	Ramgarh	22	06	Janjgir - Champa
20	21	Jamtara	22	07	Bilaspur
			22	08	Kawardha

Source : Registrar General of India

Continued...

TABLE I CODE LIST OF STATES AND DISTRICTS

State Code	District Code	Name of the State/Union Territory and Districts	State Code	District Code	Name of the State/Union Territory and Districts
22	09	Rajnandgaon	23	33	Sehore
22	10	Durg	23	34	Raisen
22	11	Raipur	23	35	Betul
22	12	Mahasamund	23	36	Harda *
22	13	Dhamtari	23	37	Hoshangabad
22	14	Uttar Bastar Kanker	23	38	Katni *
22	15	Bastar	23	39	Jabalpur
22	16	Dakshin Bastar Dantewada	23	40	Narsimhapur
22	17	Narayanpur	23	41	Dindori *
22	18	Bijapur	23	42	Mandla
23	00	MADHYA PRADESH	23	43	Chhindwara
23	01	Sheopur	23	44	Seoni
23	02	Morena	23	45	Balaghat
23	03	Bhind	23	46	Anuppur
23	04	Gwalior	23	47	Singrauli
23	05	Datia	23	48	Alirajpur
23	06	Shivpuri	23	49	Burhanpur
23	07	Guna	23	50	Ashoknagar
23	08	Tikamgarh	24	00	GUJARAT
23	09	Chhatarpur	24	01	Kachchh
23	10	Panna	24	02	Banas Kantha
23	11	Sagar	24	03	Patlan *
23	12	Damoh	24	04	Mahesana
23	13	Satna	24	05	Sabar Kantha
23	14	Rewa	24	06	Gandhinagar
23	15	Umaria *	24	07	Ahmadabad
23	16	Shahdol	24	08	Surendranagar
23	17	Sidhi	24	09	Rajkot
23	18	Neemuch *	24	10	Jamnagar
23	19	Mandsaur	24	11	Porbandar *
23	20	Ratlam	24	12	Junagadh
23	21	Ujjain	24	13	Amreli
23	22	Shajapur	24	14	Bhavnagar
23	23	Dewas	24	15	Anand *
23	24	Jhabua	24	16	Kheda
23	25	Dhar	24	17	Panch Mahals
23	26	Indore	24	18	Dohad *
23	27	West Nimar	24	19	Vadodara
23	28	Barwani *	24	20	Narmada *
23	29	East Nimar	24	21	Bharuch
23	30	Rajgarh	24	22	Surat
23	31	Vidisha	24	23	The Dangs
23	32	Bhopal	24	24	Navsari *

Source : Registrar General of India

Continued...

TABLE I CODE LIST OF STATES AND DISTRICTS

State Code	District Code	Name of the State/Union Territory and Districts	State Code	District Code	Name of the State/Union Territory and Districts
24	25	Valsad	28	00	ANDHRA PRADESH
24	26	Tapi	28	01	Adilabad
25	00	DAMAN & DIU	28	02	Nizamabad
25	01	Diu	28	03	Karimnagar
25	02	Daman	28	04	Medak
26	00	DADRA & NAGAR HAVELI	28	05	Hyderabad
26	01	Dadra & Nagar Haveli	28	06	Rangareddi
27	00	MAHARASHTRA	28	07	Mahbubnagar
27	01	Nandurbar *	28	08	Nalgonda
27	02	Dhule	28	09	Warangal
27	03	Jalgaon	28	10	Khammam
27	04	Buldana	28	11	Srikakulam
27	05	Akola	28	12	Vizianagaram
27	06	Washim *	28	13	Visakhapatnam
27	07	Amravati	28	14	East Godavari
27	08	Wardha	28	15	West Godavari
27	09	Nagpur	28	16	Krishna
27	10	Bhandara	28	17	Guntur
27	11	Gondiya *	28	18	Prakasam
27	12	Gadchiroli	28	19	Sri Potti Sriramulu Nellore
27	13	Chandrapur	28	20	Y.S.R.
27	14	Yavatmal	28	21	Kurnool
27	15	Nanded	28	22	Anantapur
27	16	Hingoli *	28	23	Chittoor
27	17	Parbhani	29	00	KARNATAKA
27	18	Jalna	29	01	Belgaum
27	19	Aurangabad	29	02	Bagalkot *
27	20	Nashik	29	03	Bijapur
27	21	Thane	29	04	Gulbarga
27	22	Mumbai (Suburban) *	29	05	Bidar
27	23	Mumbai	29	06	Raichur
27	24	Raigad	29	07	Koppal *
27	25	Pune	29	08	Gadag *
27	26	Ahmednagar	29	09	Dharwad
27	27	Bid	29	10	Uttara Kannada
27	28	Latur	29	11	Haveri *
27	29	Osmanabad	29	12	Bellary
27	30	Solapur	29	13	Chitradurga
27	31	Satara	29	14	Davangere*
27	32	Ratnagiri	29	15	Shimoga
27	33	Sindhudurg	29	16	Udupi *
27	34	Kolhapur	29	17	Chikmagalur
27	35	Sangli	29	18	Tumkur

Source : Registrar General of India

Continued...

TABLE I CODE LIST OF STATES AND DISTRICTS

State Code	District Code	Name of the State/Union Territory and Districts	State Code	District Code	Name of the State/Union Territory and Districts
29	19	Kolar	33	07	Vilupuram
29	20	Bangalore	33	08	Salem
29	21	Bangalore Rural	33	09	Namakkal *
29	22	Mandya	33	10	Erode
29	23	Hassan	33	11	The Nilgiris
29	24	Dakshina Kannada	33	12	Coimbatore
29	25	Kodagu	33	13	Dindigul
29	26	Mysore	33	14	Karur *
29	27	Chamrajnagar*	33	15	Tiruchirappalli
29	28	Yadgir	33	16	Perambalur *
29	29	Chikkballapura	33	17	Ariyalur *
29	30	Ramanagara	33	18	Cuddalore
			33	19	Nagapattinam *
30	00	GOA	33	20	Thiruvavur
30	01	North Goa	33	21	Thanjavur
30	02	South Goa	33	22	Pudukkottai
			33	23	Shivaganga
31	00	LAKSHADWEEP	33	24	Madurai
31	01	Lakshadweep	33	25	Theni *
			33	26	Virudhunagar
32	00	KERALA	33	27	Ramanathapuram
32	01	Kasaragod	33	28	Thoothukkudi
32	02	Kannur	33	29	Tirunelveli
32	03	Wayanad	33	30	Kanniyakumari
32	04	Kozhikode	33	31	Krishnagire
32	05	Malappuram	33	32	Tiruppur
32	06	Palakkad			
32	07	Thirissur	34	00	PUDUCHERRY
32	08	Ernakulam	34	01	Yanam
32	09	Idukki	34	02	Puducherry
32	10	Kottayam	34	03	Mahe
32	11	Alappuzha	34	04	Karaikal
32	12	Pathanamthitta			
32	13	Kollam	35	00	ANDAMAN & NICOBAR ISLANDS
32	14	Thiruvananthapuram	35	01	Andamans
			35	02	Nicobars
33	00	TAMIL NADU			
33	01	Thiruvallur			
33	02	Chennai			
33	03	Kancheepuram			
33	04	Vellore			
33	05	Dharmapuri			
33	06	Tiruvannamalai			

Source : Registrar General of India

Continued...



SECTION: J

MISCELLANEOUS



TABLE J-1 FISHERMEN POPULATION, 2003

Sl. No.	State Name	Total Number of members		Full Time		Part Time		Others					
		Male	Female	Male	Female	Male	Female	Male	Female				
1	Andhra Pradesh	248386	250977	38102	83385	124607	190735	152028	146855	34880			
2	Assam	1850	1376	1173	439	1099	1842	654	1265	165			
3	Bihar	138186	126997	230153	495916	156594	42540	1084	1595	40792			
4	Chhattisgarh	621027	530987	700264	1911868	4628	2805	7833	32005	18201			
5	Goa	134275	109000	228800	483255	7850	6024	83077	10385	32319			
6	Gujarat	5910	3322	7259	16491	2527	174	2791	1002	433			
7	Haryana	8526	7955	13232	38453	2975	467	3343	124	34			
8	Jharkhand	577938	571984	781428	1830920	4329	914	5243	17100	4241			
9	Karnataka	213888	200807	320479	716974	16989	751	5459	13743	4125			
10	Kerala	22509	24091	21356	17498	2512	441	2987	200	222			
11	Madhya Pradesh	525	504	1354	2383	346	148	484	148	484			
12	Maharashtra	5782	5519	3597	14892	116	45	1150	201	1351			
13	Madhya Pradesh	70971	48324	60721	180026	27331	7973	10499	38821	40784			
14	Mizoram	238	190	260	588	88	38	100	100	124			
15	Nagaland	238	190	260	588	88	38	100	100	124			
16	Odisha	9893	8383	8568	26814	538	609	1145	87	284			
17	Punjab	15982	13177	15100	40733	3263	341	3475	540	182			
18	Rajasthan	70773	48982	59789	179864	11310	3148	14464	3100	15818			
19	Tamil Nadu	697234	295538	118210	911820	26794	82	44857	101	23			
20	Uttar Pradesh	7549	7756	10080	25485	4128	865	4128	865	291			
21	West Bengal	1486	1355	4305	10000	33	33	202	8	94			
22	Andaman & Nicobar Islands	12378	12787	3784	4552	339	4691	2197	399	2586			
23	Chandernagore	469138	403383	575233	1448354	816951	116172	919776	152323	1072979			
24	Daman & Diu	188	109	172	479	188	188	97	44	141			
25	Delhi	185	175	1555	4315	33	33	202	8	94			
26	Goa	1048	292	1555	3784	4552	339	4691	2197	399			
27	Madhya Pradesh	12378	12787	3784	4552	339	4691	2197	399	2586			
28	Puducherry	662	1562	369	2593	73	44857	101	23	34867			
29	Andaman & Nicobar Islands	188	109	172	479	188	188	97	44	141			
30	Chandernagore	469138	403383	575233	1448354	816951	116172	919776	152323	1072979			
31	Daman & Diu	188	109	172	479	188	188	97	44	141			
32	Delhi	185	175	1555	4315	33	33	202	8	94			
33	Goa	1048	292	1555	3784	4552	339	4691	2197	399			
34	Madhya Pradesh	12378	12787	3784	4552	339	4691	2197	399	2586			
35	Puducherry	662	1562	369	2593	73	44857	101	23	34867			
Total		469138	403383	575233	1448354	816951	116172	919776	152323	1072979	1071915	351467	1384462

Source: 17th Live Stock Census 2003

TABLE J-2

FISHING CRAFTS - COASTAL STATES AND UNION TERRITORIES, 2010

Sl. No.	State/Union Territory	Traditional Crafts (Non-Motorised)	Motorised Crafts	Mechanised Boats	Total
1	Andhra Pradesh	17837	10737	3167	31741
2	Goa	227	1297	1142	2666
3	Gujarat	1884	8238	18278	28400
4	Karnataka	2862	7518	3643	14023
5	Kerala	5884	11175	4722	21781
6	Maharashtra	2783	1563	13016	17362
7	Odisha	4656	3922	2248	10826
8	Tamil Nadu	10436	24942	10692	46070
9	West Bengal	3066	14282	17348	34696
10	Andaman & Nicobar Islands	1637	1491	61	3189
11	Daman & Diu	321	359	1000	1680
12	Lakshadweep	727	606	129	1462
13	Puducherry	662	1562	369	2593
Total		52982	73410	72749	199141

Source: Marine Fisheries Census 2010

TABLE J-3 BRACKISHWATER AREA AND PRODUCTION - COASTAL STATES/UNION TERRITORIES TILL 2009-10

Sl. No.	State/Union Territory	Total Brackishwater under culture (ha)	Area brought through BFDA (ha)	Training	Beneficiary	Average Productivity (kg/ha/annum)
1	Andhra Pradesh	60000	846	1854	957	680
2	Goa	Neg.	574	508	36	2000
3	Gujarat	100000	968	1652	479	1276
4	Karnataka	10000	3022	865	522	1826
5	Kerala	240000	4589	5116	7439	1700
6	Maharashtra	10000	1539	2015	293	600
7	Odisha	430000	14670	9115	10598	1300
8	Tamil Nadu	60000	7548	531	382	2000
9	West Bengal	210000	5994	12343	7465	1106
10	Puducherry	Neg.	**			NA
11	A & N Islands	120000				
Total		1240000	39750	33999	28171	12488

Source : Marine Products Exports Development Authority, (MPEDA) Kochi
 NA : Not Available
 ** : No BFDA Sanctioned

TABLE J-4 MONTHLY PER CAPITA CONSUMPTION OF FISH & PRAWN (QUANTITY) BY STATE/UNION TERRITORY

Sl. No.	State/Union Territory	Consumption	Per capita Qty Consumed (Kg) / value (₹)		No. of households per 1000 households reporting consumption	
			Rural	Urban	Rural	Urban
1	Andhra Pradesh	Qty. Value	0.197 12.30	0.131 9.31	191	136
2	Arunachal Pradesh	Qty. Value	0.704 80.45	0.779 94.60	558	631
3	Assam	Qty. Value	0.686 67.18	0.991 118.54	896	875
4	Bihar	Qty. Value	0.247 18.21	0.195 15.69	344	241
5	Goa	Qty. Value	2.071 182.34	1.750 196.24	994	893
6	Gujarat	Qty. Value	0.035 2.31	0.026 0.28	39	37
7	Haryana	Qty. Value	0.002 0.17	0.012 0.88	4	11
8	Himachal Pradesh	Qty. Value	0.005 0.44	0.001 0.05	5	
9	Jammu & Kashmir	Qty. Value	0.058 7.63	0.029 3.14	54	28
10	Karnataka	Qty. Value	0.118 17.15	0.108 8.26	111	84
11	Kerala	Qty. Value	2.117 104.46	1.958 109.28	884	817
12	Madhya Pradesh	Qty. Value	0.088 5.76	0.043 3.87	112	55
13	Maharashtra	Qty. Value	0.092 7.72	0.108 14.11	131	153
14	Manipur	Qty. Value	0.342 40.07	0.509 59.15	692	906
15	Meghalaya	Qty. Value	0.343 37.40	0.421 45.63	654	640
16	Mizoram	Qty. Value	0.200 26.33	0.223 28.68	252	260
17	Nagaland	Qty. Value	0.351 35.31	0.562 48.35	364	435
18	Odisha	Qty. Value	0.417 28.13	0.441 34.03	540	514

TABLE J-4 MONTHLY PER CAPITA CONSUMPTION OF FISH & PRAWN (QUANTITY) BY STATE/UNION TERRITORY

Sl. No.	State/Union Territory	Consumption	Per capita Qty Consumed (Kg) / value (₹)		No. of households per 1000 households reporting consumption	
			Rural	Urban	Rural	Urban
19	Punjab	Qty. Value	0.001 0.12	0.028 2.87	2	41
20	Rajasthan	Qty. Value	0.011 0.88	0.011 0.85	9	15
21	Sikkim	Qty. Value	0.038 4.17	0.177 18.30	66	193
22	Tamil Nadu	Qty. Value	0.233 16.64	0.233 17.85	277	249
23	Tripura	Qty. Value	1.177 120.70	1.488 175.22	976	938
24	Uttar Pradesh	Qty. Value	0.075 5.31	0.036 2.93	104	43
25	West Bengal	Qty. Value	0.813 61.25	1.082 111.40	879	844
26	A & N Islands	Qty. Value	1.353 80.96	1.200 78.64	851	815
27	Chandigarh	Qty. Value	0.000 0.00	0.017 1.58		20
28	Dadra & Nagar Haveli	Qty. Value	0.381 18.60	0.229 13.01	714	396
29	Daman & Diu	Qty. Value	0.328 20.81	0.709 43.89	230	563
30	Delhi	Qty. Value	0.157 15.73	0.015 1.64	96	17
31	Lakshadweep	Qty. Value	4.367 262.30	4.117 288.58	882	779
32	Puducherry	Qty. Value	0.648 57.73	0.947 85.03	710	710
33	Chattisgarh	Qty. Value	0.142 9.62	0.100 7.50	156	106
34	Jharkhand	Qty. Value	0.191 13.11	0.209 24.88	212	283
35	Uttarakhand	Qty. Value	0.027 1.97	0.028 2.94	27	36
All India		Qty. Value	0.269 18.81	0.238 20.74	282	209

Source: Report No. 541, National Sample Survey Organisation 2009-10.

TABLE J-5 CONTRIBUTION OF FISHERIES SECTOR TO GROSS DOMESTIC PRODUCT (AT CURRENT PRICES)

Year	Total GDP	GDP from Agriculture, Forestry & Fishing	GDP from Fisheries	GDP from fisheries as % of	
				Total GDP	GDP from Agriculture, Forestry & Fishing
1990-91	531814	154350	4547	0.85	2.95
1991-92	613528	180313	5161	0.84	2.86
1992-93	703723	202219	6452	0.92	3.19
1993-94	817961	234566	8094	0.99	3.45
1994-95	955386	270107	9932	1.04	3.68
1995-96	1118586	293701	11104	0.99	3.78
1996-97	1301788	353142	13160	1.01	3.73
1997-98	1447613	374744	16256	1.12	4.34
1998-99	1668739	430384	17010	1.02	3.95
1999-00	1847273	455302	18595	1.01	4.08
2000-01	1991982	460608	20948	1.05	4.55
2001-02	2167745	498620	22818	1.05	4.58
2002-03	2338200	485080	25027	1.07	5.16
2003-04	2622216	544667	26448	1.01	4.86
2004-05	2971464	565426	27152	0.91	4.80
2005-06	3390503	637772	31699	0.93	4.97
2006-07	3953276	722984	35182	0.89	4.87
2007-08	4582086	836518	38931	0.85	4.65
2008-09	5303567	943204	44073	0.83	4.67
2009-10	6108903	1083514	50370	0.82	4.65
2010-11	7266967	1306942	57369	0.79	4.39

Source : Central Statistics Office

TABLE J-6 ACHIEVEMENT OF FISH FARMERS DEVELOPMENT AGENCIES TILL 2010-11

Sl. No.	States/UTs	No. of FFDAs	Water area covered (ha)	Fish Farmers trained (Nos.)	No. of beneficiaries	Average (Kg/ha/Yr)
1	2	3	4	5	6	7
1	Andhra Pradesh	22	4405	11927	6950	3740
2	Arunachal Pradesh	2	2373	6865	11371	1200
3	Assam	23	5242	27871	19221	2200
4	Bihar	33	25786	35362	38862	2400
5	Goa	1	400	2712		250
6	Gujarat	21	81971	36128	21684	764
7	Haryana	18	21550	20826	23561	4370
8	Himachal Pradesh	2	939	7024	3573	2700
9	Jammu & Kashmir	2	9223	6295	4968	3000
10	Karnataka	18	62225	17771	12257	1313
11	Kerala	14	32433	48669	118944	3000
12	Madhya Pradesh	38	91888	50727	112129	1283
13	Maharashtra	29	36602	23117	64556	1712
14	Manipur	8	4974	8098	15507	2500
15	Meghalaya	2	798	2067	2067	1500
16	Mizoram	5	2754	20136	12849	2000
17	Nagaland	8	7259	4715	23044	1900
18	Odisha	30	42321	53472	148584	2840
19	Punjab	17	20497	32749	25189	6094
20	Rajasthan	15	12313	15028	10227	1509
21	Sikkim	1	300	1506	1819	3500
22	Tamil Nadu	17	21816	7938	14145	2583
23	Tripura	4	12589	120248	54993	1966
24	Uttar Pradesh	53	149595	155404	153422	3270
25	West Bengal	18	129668	209138	407551	4400
26	Puducherry	2	1043	982	2071	2400
27	Uttarakhand	3	310	1918	2677	3000
28	Jharkhand	16	9467	19210	41315	2314
29	Chattisgarh	7	14013	11440	32682	2550
Total		429	804754	959343	1386218	2900

Source: State Govt. and UT's

TABLE J-7 STRUCTURE OF FUNCTIONAL FISHERIES COOPERATIVES NATIONAL LEVEL COOPERATIVE FEDERATION (NATIONAL FEDERATION OF FISHERMEN'S COOPERATIVES LTD.) STATE-WISE POSITION, 2010-11

Sl. No.	States/UTs	State Federation	Central Societies	Primary Societies	Membership
1	Andhra Pradesh	1	10	5722	489518
2	Arunachal Pradesh	-	-	11	230
3	Assam	1	-	272	43845
4	Bihar	2	5	62	13824
5	Goa	-	-	20	1503
6	Gujarat	1	3	263	26045
7	Himachal Pradesh	-	-	42	5837
8	Jammu & Kashmir	-	-	1	9
9	Karnataka	3	-	420	204689
10	Kerala	1	16	386	348466
11	Madhya Pradesh	1	-	596	25496
12	Maharashtra	1	21	2830	256667
13	Manipur	1	-	240	18433
14	Meghalaya	-	-	18	611
15	Mizoram	-	-	47	1656
16	Nagaland	-	-	267	9234
17	Odisha	1	5	475	91266
18	Rajasthan	1	-	34	4130
19	Sikkim	-	-	1	150
20	Tamil Nadu	1	11	700	375808
21	Tripura	1	-	79	14812
22	Uttar Pradesh	1	19	478	30004
23	West Bengal	1	20	475	92759
24	A & N Islands	-	-	41	1361
25	Daman & Diu	-	-	6	2910
26	Puducherry	1	2	63	54556
27	Chhatisgarh	1	1	765	26154
28	Jharkhand	1	-	293	18621
29	Uttarakhand	-	-	13	634
Total		21	113	14620	2159228

Source: FISHCOPFED

TABLE J-8 LIST OF SANCTIONED FISH FARMERS DEVELOPMENT AGENCIES (FFDAs)

State/Union Territory	No. of FFDAs	Name of the Districts / Regions where FFDAs are set up
Andhra Pradesh	22	Karimnagar, Kumool, Medak, Krishna, Nalgonda, East Godavari, West Godavari, Mehboobnagar, Nizamabad, Chittoor, Khammam, Srikalakum, Vijayanagaram, Vizag, Guntoor, Prakasam, Nelloore, Warangal, Adilabad, Anantpur, Cuddapah and Rangareddy
Arunachal Pradesh	2	Regional FFDA at Itanagar and Siang
Assam	23	Darrang, Kamrup, Naogaon, Sibsagar, Cachar, Lakhimpur, Sonitpur, Karimganj, Karbi, Anglong, Dibrugarh, Kokrajhar, Dhubri, Barpeta, Goalpara, Jorhat, Bongaigaon, Nalbari, Morigaon, Golaghat, Tinsukia, Dhemaji, Hailakandi and N.C. Hills District
Bihar	33	East Champaran, West Champaran, Siwan, Copalganj, Saran, Vaishali, Muzaffarpur, Sitamarhi, Gaya, Purnea, Khagaria, Patna, Madhubani, Darbhanga, Munger, Samastipur, Begusar, Saharsa, Aurangabad, Kathar, Madhepura, Nalanda, Bhagalpur, Rohtas, Bhojpur, Nawada, Jehanabad, Buxar, Supaul, Ataria, Kishanganj, Banka, and Jamui.
Jharkhand	16	Ranchi, Hazaribagh, Gumla, Dhanbad, Giridih, Godda, Dumka, Palamu, Lohardaga, Bokaro, Chatra, Deoghar, Gadwa, Sahebganj, Singhbhum and Jamshepur.
Goa	1	Regional FFDA at Panaji
Gujarat	21	Surat, Panchmahal, Bulsar, Kheda, Jamnagar, Bharoch, Surendranagar, Sabarkantha, Vodothara, Ahmedabad, Rajkot, Bhavnagar, Kutch, Junagarh, Amreli, Banaskantha and Mehsana, Navsari, Anand, Dahod, Namada
Haryana	18	Karnal, Rohtak, Sonapat, Gurgaon, Faridabad, Sirsa, Mahindergarh, Ambala, Kurukshetra, Hissar, Bhiwani, Jind, Rewari, Panipat, Kaithal, Yamunanagar, Jhajjar, Fatehabad
Himachal Pradesh	2	Regional FFDAs at Bilaspur and Mandi
Jammu & Kashmir	2	Regional FFDAs at Jammu and Kashmir
Karnataka	18	Mysore, Dharwad, Shimoga, Kolar, Raichur, Bidar, Bangalore, Chickmangalur, Hassan, Chitradurga, Gulbarga, Belgaum, Bijapur, Madikeri, Uttara-Kannada, Mandya, Tumkur and Dakshin-Kannada
Kerala	14	Palghat, Quilon, Trichur, Cannanore, Alleppey, Trivandrum, Ernakulam, Kottayam, Malappuram, Kozhikod, Pathanathitta, Kulluki, Wayanad and Kasargode
Maharashtra	29	Nagpur, Chandrapur, Bhandara, Yeotmal, Gadchiroli, Pume, Satara, Sangli, Thane, Shirolpur, Kolhapur, Aurangabad, Parbhani, Latur, Beed, Amravati, Buldhana, Akola, Ratnagiri, Kolhapur, Bombay, Nanded, Jalgaon, Ahmednagar, Naskik, Jalna, Usmanabad, Vardha, Dhulia
Madhya Pradesh	38	Rewa, Shahdol, Seoni, Balaghat, Sagar, Chatarpur, Satna, Jabalpur, Sidhi, Shivpur, Tikamgarh, Dhargaoana, Dhar, Betul, Shehore, Raisen, Mandla, Chhindwara, Bhind, Guna, Gwalior, Hushangabad, Damoh, Ujjain, Khandwa, Mandour, Dewas, Indore, Jhabua, Panna, Shejapur, Ratlam, Morena, Dalia, Raigarh, Vidisha, Narsinghpur and Bhopal

Continued

TABLE J-8 LIST OF SANCTIONED FISH FARMERS DEVELOPMENT AGENCIES (FFDAs)

State/Union Territory	No. of FFDAs	Name of the Districts / Regions where FFDAs are set up
Chhattisgarh	7	Raipur, Durg, Rajanandgaon, Bilaspur, Raigarh, Jagdalpur (bastar), Sarguja (Ambikapur)
Manipur	8	Central Manipur, South Manipur, Bishanpur, Ukhrul, Tamenglong, Chandel, Saneapati and Thoubal
Meghalaya	2	Regional FFDAs at Shillong and Baghmara
Mizoram	5	Aizawl (East), Lunglei, Chhimtui, Aizawl (West) and Kolasib
Nagaland	8	Kohima, Zunheboto, Tuensang, Mon, Pheak, Wokha, Mokochung and Dimapur
Odisha	30	Cuttack, Puri, Balasore, Ganjam, Phulbani, Bolangir, Sambalpur, Dhenkanal, Mayurbhanj, Kalahandi, Koraput, Sundergarh, Keonjhar, Gajapati, Rayagadas, Nawarangpur, Malkangiri, Bhadrak, Jajpur, Kendrapara, Jagarsinghpur, Khurda, Nayagarh, Angul, Bargarh, Nuapara, Sonepur, Jharsuguda, Boudh and Deogarh
Punjab	17	Gurdaspur, Amritsar, Ludhiana, Sangur, Jallundur, Patalla, Ropar, Hoshiarpur, Bhatinda, Kapurthala, Ferozpur, Faridkot, Mansa, Fatehgarh Sahab, Mooga, Muktsar and Navshar
Rajasthan	15	Ajmer, Alwar, Bhilwara, Bharatpur, Dungarpur, Jaipur, Tonk, Udaipur, Kota, Chittorgarh, Baranwar, Jhalawad, Sewaimadhopur, Pali and Sirganganagar
Sikkim	1	Regional FFDA at Gangtok
Tamil Nadu	17	Thanjavur, Madurai, South Arcot, Periyar, Trichurappali, Dhamapuri, Changanassalu, Kamarsajar, Anna, Tirunelveli, North Arcot, Kanyakumari, Madras, Pudukkottai, Posumpan-Muthuramsalingam, Kattabomman and Chidambaranar
Tripura	4	West Tripura, South Tripura, North Tripura and Dhala
Uttar Pradesh	53	Allahabad, Kanpur, Fatehpur, Varanasi, Jaunpur, Ballia, Gaziipur, Mirzapur, Basti, Gorakhpur, Deoria, Azamgarh, Lucknow, Unnao, Banda, Gonda, Raibareilly, Moradabad, Sitapur, Hardoi, Lakhimpur-Kheri, Faizabad, Sultanpur, Pratapgarh, Barabanki, Bahraich, Meerut, Badaun, Etah, Aligarh, Jalaun, Etawah, Agra, Farukhabad, Mainpuri, Muzaffarnagar, Bulandshahar, Saharanpur, Gaziabad, Jhansi, Lalitpur, Hamirpur, Bareilly, Shahjahanpur, Pilibhit, Rampur, Bijnaur, Mathura, Firozabad, Sidharthnagar, Mau, Sonabhadra, Maharagarh.
Uttarakhand	3	Hardwar, Dehradoon (Regional FFDA for Garhwal Division) and Nainital (Regional FFDA for Kumaon Division)
West Bengal	18	Bankura, Nadia, Hawrah, West Dinajpur, Hooghly, Birbhum, Darjeeling, North 24-Paraganas, Malda, Murshidabad, Cooch-Behar, Jalpaiguri, Burdwan, Midnapur, Purulia, 24-Paraganas (South), Siliguri Sub-Division of Darjeeling District and Uttar Dinajpur
Puducherry	2	Regional FFDAs at Karaikal and Pondichery
Total of all State	429	

TABLE J-9 DETAILS OF BRACKISHWATER FISH FARMERS DEVELOPMENT AGENCIES (BFFDAs)

Sl. No.	State	No. of BFFDAs	District
1	Andhra Pradesh	6	Krishna Nellore Srikakulam East Godavari Prakasam West Godavari
2	Gujarat	3	Valsad Surat Bhroach
3	Karnataka	2	Uttar Kannada Dakshin Kannada
4	Kerala	7	Ernakulam Quilon Cannanore Thrissur Allappuzha Kozhikode Kasargod
5	Maharashtra	4	Thane Ratnagiri Raigad Sindhudurg
6	Odisha	7	Kendrapada Gangam Khurda Puri Jagatsinghpur Balasore Bhadrak
7	West Bengal	3	North 24 Parganas South 24 Parganas Midnapore
8	Tamil Nadu	5	South Arcot Thanjavur Chindambranar Chengai Anna and Ramnad
9	Goa	1	South and North Goa
10	A & N Islands	1	Port Blair
Total		39	

TABLE J-10.1 CENTRAL ASSISTANCE EXTENDED FOR SETTING UP OF FISH MARKETING UNITS DURING THE TENTH PLAN

(₹ in lakh)

Sl. No.	States/UTs	No. of units	Location	Amount Released
1	Andhra Pradesh	1	Vijaywada	35.00
2	Arunachal Pradesh	2	Papungpare Subansiri	100.00
3	Haryana	2	Bahadurgarh Gurgaon	42.32
4	Himachal Pradesh	1	Kullu	50.00
5	Jharkhand	1	Daltonganj	18.00
6	Karnataka	9	Mangalore (3) Malpe Mysore Bangalore Tumkur Udupi Kodagu	478.55
7	Madhya Pradesh	2	Jabalpur Mandla	100.00
8	Maharashtra	3	Mumbai Nagpur Aurangabad	72.21
9	Mizoram	3	Aizawl Kolasib Champai	32.50
10	Odisha	1	Bhubaneswar	18.00
11	Rajasthan	1	Banswara	32.25
12	Tamil Nadu	1	Chennai	76.25
13	Tripura	1	Agartala	70.00
14	FISHCOPFED (Delhi)	2	New Delhi	58.35
15	Manipur	2	Yusuf Sarai	
16	Goa	1	Imphal Bihmupur Malmejdy	23.50
Total		33		1230.83

TABLE J-10.2 DETAILS OF THE PROJECTS APPROVED FOR SETTING UP POST HARVEST INFRASTRUCTURE FACILITIES UNDER SPONSORED SCHEME DURING THE ELEVENTH PLAN

(₹ in lakh)

Sl. No.	States/UTs	No. of units	Amount Released
1	Andhra Pradesh	5	150.00
2	Himachal Pradesh	1	25.00
3	Karnataka	22	798.12
4	Goa	3	60.00
5	Rajasthan	1	15.00
6	Manipur	4	21.00
7	Assam	1	65.00
8	Kerala	1	100.00
9	Chattisgarh	1	10.00
10	Nagaland	1	50.00
Total		40	1294.12

TABLE J-11 NO. AND LOCATION OF FISHERMEN AWARENESS CENTRES AND TRAINING CENTRES SANCTIONED DURING 1997-98 TO TILL DATE

Sl. No.	States/UTs	Awareness Centres		Training Centres	
		No.	Location	No.	Location
1	Andhra Pradesh	1	Hyderabad	3	Hyderabad Kurnool Kadium
2	Arunachal Pradesh	1	Itanagar	1	Emchl
3	Assam			3	Mithapur Madhubani Kishanganj
4	Bihar			1	Ela Dhamji
5	Goa	1	Keri Satari	1	
6	Gujarat	1	Ahmedabad		
7	Haryana	1	Gurgaon		
8	Himachal Pradesh			1	Patrikhuki
9	Jammu & Kashmir	1	Bagh-e-Bahu	1	Manasbai
10	Karnataka	1	Mangalore	3	Bellary Mysore Mangalore
11	Kerala	1	Kannur	1	Pallom
12	Madhya Pradesh			5	Nowgang Bhopal Gwalior Satna Seoni
13	Maharashtra	1	Ratnagiri	1	Thoubal
14	Manipur	1	Imphal (W)	2	Lamphel Imphal (W)
15	Meghalaya			3	Tura
16	Mizoram			1	Lengpui Lunglei salha
17	Nagaland	1	Dimapur	4	Kohima Tuensang Mokokchung Wokha

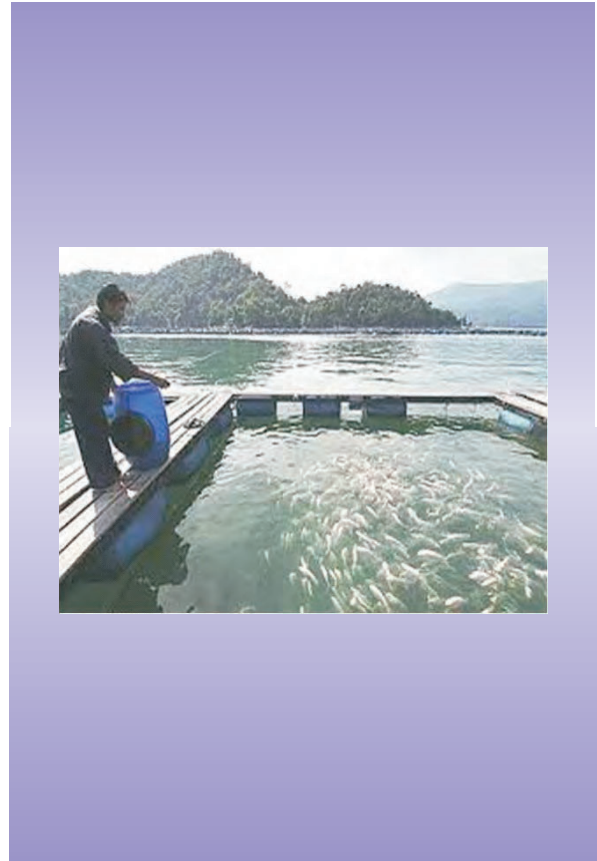
TABLE J-11 NO. AND LOCATION OF FISHERMEN AWARENESS CENTRES AND TRAINING CENTRES SANCTIONED DURING 1997-98 TO 2008-09

Sl. No.	States/UTs	Awareness Centres		Training Centres	
		No.	Location	No.	Location
18	Odisha	1	Cuttack	5	Balugam Sambalpur Balasore Behampur Bomalei
19	Punjab	1	Katli (Ropar)	3	Kapurthala Faridkot Charabahi
20	Rajasthan	1	Jaipur	1	Rawatbhata
21	Sikkim	1			
22	Tamil Nadu	1	Neelankaral	4	Santhanur Dam Vaniachavadi Killai Maniumthar Dam
23	Tripura	2	Agartala Udaipur	4	Agartala Tripura Tripura Chilenga (Dhalai)
24	Uttar Pradesh	3	Lucknow Jhansi Allahabad	4	Lucknow Mitail S.K.Ngr Allahabad
25	West Bengal	3	Kolkata Naibari Dinapur	2	Kolkata
26	A & N Islands				
27	Chandigarh				
28	Dadra & Nagar Haveli				
29	Daman & Diu				
30	Delhi				
31	Lakshadweep				
32	Puducherry				
33	Chhattisgarh	1	Raipur	4	Bilaspur Ambi Kapur korba Dantewala
34	Uttarakhand			1	Hardwar
35	Jharkhand			1	Ranchi



SECTION: K

FISHERIES DEVELOPMENT



NOTE ON THE FISHERIES SECTOR IN THE COUNTRY

1. INTRODUCTION

India is the second largest producer of fish in the world contributing to 5.43% of global fish production. India is also a major producer of fish through aquaculture and ranks second in the world after China. Fisheries sector occupies a very important place in the Socio-economic development of the country. It has been recognized as a powerful income and employment generator as it stimulates growth of a number of subsidiary industries and is a source of cheap and nutritious food besides being a foreign exchange earner. Most importantly, it is the source of livelihood for a large section of economically backward population of the country.

The fisheries sector is a source of livelihood for over 14.49 million people engaged fully, partially or in subsidiary activities pertaining to the sector. Besides, an equal number are engaged in ancillary activities in fisheries and aquaculture. Development of fisheries can ensure food security as well as tackle unemployment in these regions that are predominately inhabited by rural populace.

The total fish production during 2010-11 is at 8.23 million metric tonnes with a contribution of 4.98 million metric tonnes from inland sector and 3.25 million metric tonnes from marine sector respectively. Though there is marginal variation in growth rate of marine fish production the growth rate of inland fish production registered an impressive 5.52 percent during 2009-10.

There has been steady growth in the export of fish and fish products over the period. Efforts are being made to boost the export potential through diversification of products for export. During 2010-11 the volume of fish and fish products exported was 8,13,091 tonnes worth ₹ 12901.46 Crores.

2. FISHERY RESOURCE

The country has a long coastline of 8118 kms and equally large areas under estuaries, backwaters, lagoons etc., conducive for developing capture as well as culture fisheries. With the declaration of the Exclusive Economic Zone (EEZ) in 1977, an area of 2.02 million sq km, (comprising of 0.86 million sq. km on the west coast, 0.56 million sq. km on the east coast and 0.60 sq. km around the Andaman & Nicobar Islands) has come under our jurisdiction with, absolute right of exploring, exploiting and natural utilization of living resources falling within it.

The inland fishery resources include 1.96 lakh kms stretch of rivers and canals, 29.07 lakh hectare reservoirs, 24.40 lakh hectare ponds and tanks, 7.98 lakh hectare of beels, derelict water bodies and 12.40 lakh ha brackish water areas.

3. DEVELOPMENT OF INLAND AND MARINE FISHERIES IN THE 11TH PLAN

The outlay approved by the Planning Commission for the fisheries sector is ₹ 2776 Crores for the Eleventh Plan period, Against the BE of ₹ 271 Crores and ₹ 294 Crores in 2009-10 and 2010-11 respectively the actual expenditure of ₹ 274 Crores and ₹ 290 Crores, were incurred for the respective year. Out of the total allocation of ₹ 379 Crores in 2011-12, ₹ 298 Crores is earmarked for Centrally Sponsored / Central Sector Scheme in fisheries sector whereas ₹ 150 Crores was earmarked for National Fisheries Development Board (NFDB). In the approved outlay for eleventh plan, 55% is earmarked for NFDB and rest for Centrally Sponsored / Central Sector Schemes in fisheries sector.

In order to have a comprehensive and focussed approach, the schemes which were implemented up to 11th Plan were brought under the following umbrella schemes :

- (i) Development of Inland Fisheries and Aquaculture.
- (ii) Development of Marine Fisheries, Infrastructure and Post Harvest Operations.
- (iii) National Scheme of Welfare of Fishermen
- (iv) National Fisheries Development Board (NFDB) and
- (v) Strengthening of Data base and Geographical Information System for Fisheries Sector.

3.1 Development of Inland Fisheries and Aquaculture

This macro scheme covers all aspects related to inland fisheries such as brackish water, ponds, reservoirs, canals, use of waterlogged areas/ alkaline & saline soils etc for development of fisheries. The main objectives of the scheme envisages encouraging leasing of water area, expanding aquaculture by construction of new ponds, popularizing fish/ shrimp farming, utilizing vast brackish water area for fish/shrimp culture, providing suitable technology package for promotion of cold water fisheries, utilizing saline/alkaline soil for raising commercial crop of fish, increase of fish production in capture as well as involving Fish Farmers Development Agencies (FFDAs) fully for development and delivery of sustainable aquaculture throughout the country.

Through the network of 429 Fish Farmers Development Agencies (FFDAs) and Brackishwater Fish Farmers Development Agencies (BFFDAs) covering all potential districts across the country, about 8.04 lakh ha water area have been brought under improved fish culture practices and 13.49 lakh farmers/fishers have been benefitted under freshwater aquaculture till 2010-11 in various States/UTs under the scheme.

3.2 Development of Marine Fisheries, Infrastructure and Post Harvest Operations.

This scheme envisaged augmentation of fish production and productivity in the marine fishing and thereby to improve food security export earnings and livelihood system of coastal fishing communities. The Centrally Sponsored scheme is continued during 12th Plan with the following major components.

Since inception of the scheme 7 major fishing harbours, 61 minor fishing harbours and 194 fish landing centres have been taken up for implementation in various coastal States/UTs. Out of which, 7 major fishing harbours, 45 minor fishing harbours and 180 fish landing centres have been completed and put to use, Remaining are at various states of construction at present

3.2.1 Development of Marine Fisheries

- (a) Motorization of Traditional Craft
- (b) Safety of Fishermen at Sea
- (c) Fishermen Development Rebate on HSD Oil
- (d) Introduction of Intermediate Craft of Improved Design including proto-type study of new intermediate vessel design.
- (e) Establishment and operation of Vessel Monitoring System.
- (f) Promoting fuel efficient and environment friendly fishing practices
- (g) Management of Marine Fisheries

3.2.2 Development of Infrastructure and Post Harvest Operations

- (i) Establishment of Fishing Harbours and Fish Landing Centres
- (ii) Strengthening of Post Harvest Infrastructure
- (iii) Assistance for maintenance dredging of fishing harbours and fish landing centres.

3.2.3 Taking up Innovative Activities

This component has continued during 11th Plan with an aim to provide financial assistance for taking innovative activities in Marine fisheries/Infrastructure, Human Resources Development, Strengthening of fisheries Management, Monitoring, Evolution, Research & Development Studies.

3.3 National Scheme of Welfare of Fishermen

The Centrally Sponsored National Scheme of Welfare of fishermen comprising of four broad components as give below were in operation during the 11th Five Year Plan for the Welfare of the fishers in India.

- i) Development Model fishermen villages
- ii) Group Accident Insurance for Active fishermen
- iii) Saving-Cum-Relief Scheme
- iv) Training and extension

During 2010-11, assistance were provided for construction of 9,343 houses of fishermen, to cover 94,103 fishers under saving cum relief and to insure 37.58 lakh fishers under the Group Accident Insurance for active fishermen and to train 8,488 fishers.

3.4 Strengthening of Database and Geographical Information System for the Fisheries Sector

The aim of the scheme is to improve the database of inland and marine fisheries resources and catch of fish by adoption of standardized methodology of data collection through sample survey for estimation of inland and marine fisheries resources/catch.

The Components of data base scheme are as follows:

- (i) Sample survey for Estimation of Inland fishery Resources and their Potential and Fish Production
- (ii) Development of Geographical Information System of the Fisheries Sector
- (iii) Census of Marine Fisheries
- (iv) Catch Assessment Surveys for inland and Marine Fisheries
- (v) Assessment of Fish Production Potential in Coastal Areas

- (vi) Evaluation Studies/ Professional Services
- (vii) Registration of Fishing Vessels
- (viii) Development of Database of Fisheries Cooperative of India
- (ix) Mapping of Smaller Water Bodies and Development of GIS based fishery Management System
- (x) Strengthening of Statistical Unit Headquarters

4. INSTITUTIONAL ARRANGEMENTS FOR THE FISHERIES SECTOR

In order to promote fisheries sector, Government of India has four Fisheries Institutes working under its administrative control. These institutions help in providing technical trained manpower to the sector, preparation of techno economic feasibility report for setting up of fishing harbour/fish landing centres etc, training in fish processing and other related activities.

4.1 Central Institute of Fisheries, Nautical and Engineering Training (CIFNET), Cochin

The primary objective of the Institute is to make available sufficient number of trained operatives for fishing vessels and technicians for shore establishments. The Institute conducts three regular courses namely BFSc (Nautical Science), Vessel Navigator Course (VNC) and Marine Fitter Course (MFC). The Institute is equipped with 3 fisheries training vessels at its 3 centres (Cochin, Chennai & Visakhapatnam) and conducting regular sailing for imparting on board practical training on fisheries, Navigation and Marine Engineering for Institutional and Post Institutional trainees. 361 candidates have been trained in short term courses, 265 candidates were trained in long term duration courses during 2011-12.

4.2 National Institute of Fisheries Post Harvest Technology and Training (NIFPHATT), Cochin

The Integrated fisheries Project was renamed as 'National Institute of fisheries Post Harvest Technology and Training' in 2008. The main objective of the Institute is to develop the value added product by way of process and product diversification from all varieties of fish including low value, unconventional species and seasonally abundant fishes. Imparting training (both regular and need based) in the field of post harvest technology, refrigeration technology, quality control and value added products. The training programmes include on the Job training to college and university students, fisherwomen self help groups.

This Institute envisages processing popularization and test marketing of unconventional varieties of fish. The Institute has an ice-cum-freezing plant and a modern fish-processing unit. It also provides institutional training in various course Besides the Head Quarters at Cochin, the Institute also has a centre at Visakhapatnam. The Institute processed 167 MT of fish, marketed 126 MT of fish and trainee days attained by institute was 7,438 during 2011-12.

4.3 Central Institute of Coastal Engineering for Fishery (CICEF), Bangalore

The objective of the Institute set up in 1968 with its office at Bangalore is to conduct engineering and economic investigation, preparation of techno-economic feasibility report for development of fishing harbours at suitable sites along the Indian Coast and brackish water fish farms. The Institute monitors the construction of fishery harbours sanctioned under centrally sponsored scheme by the Ministry of Agriculture and renders technical guidance to extends technical assistance to the maritime State Governments/ UTs in preparation/ fish landing centres. The institute till end of March 2012 has carried out engineering and economic investigations at 83 sites for the development of fishery harbours, fish landing centres and prepared TEFs, for 83 sites, This institute has also reconnoitered about 66,200 ha of brackishwater area and engineering investigations were carried out over 15,600 ha in all the maritime States and Union Territories for the development of aquaculture projects.

4.4 Fishery Survey of India (FSI), Mumbai

The Fishery Survey of India (FSI) is responsible for survey and assessment of marine fishery resources of the Indian EEZ with its headquarters at Mumbai. The FSI has seven operational bases at Porbandar, Mumbai, Mormugao and Kochi along with West Coast, Chennai and Visakhapatnam along the east coast and Port Blair in the Andaman & Nicobar Islands. A total of 11 ocean ongoing survey vessels are deployed for fisheries resources survey and monitoring. Besides resources surveys, the FSI monitors, the fishery resources for the purpose of regulation and management, makes an assessment of suitability of different types of craft & gear for deep-sea and oceanic fishing, imparting in-vessel training to CIFNET/Polytechnic trainees, disseminates information on fishery resources through various media to the fishing community, industry, other end users etc. The survey fleet of the Institute undertakes bottom trawl survey, midwater/columnar resources survey and long line survey for demersal, columnar and oceanic tunas and allied resources as well as for oceanic sharks. The Institute has operated 178009 hooks for tuna and other longlining,

conducted survey for 2440 for mid water and bottom trawling, thus completed 1480 fishing days by vessels during 2011-12.

4.5 National Fisheries Development Board (NFDB)

National Fisheries Development Board (NFDB) has been set up in September 2006 with its headquarter in Hyderabad. The Board has been registered under Andhra Pradesh Society Registration Act 2001 on 10/07/06 to realize the untapped potential of fisheries sector in inland and marine fish capture, culture, processing & marketing of fish, and over all growth of fisheries sector with the application of modern tools of research & development including biotechnology for optimizing production and productivity from fisheries.

The activities of the Board is focussed towards increasing the fish production of the country to a level of 10.3 million tonnes, to double the exports from 7,000/- Crores to 14,000/- Crores and provide employment to an extend of 3.5 million person by extending assistance to various agencies for implementation of activities under inland, brackish water and marine sector.

4.5.1 Objective of the National Fisheries Development Board are:

- * To bring activities relating to fisheries and aquaculture for focused attention and professional management.
- * To coordinate activities pertaining to fisheries undertaken by different Ministries/ Departments in the Central Government and also coordinate with the State/Union Territory Governments.
- * To improve production, processing, storage, transport and marketing of the products of capture and culture fisheries.
- * To achieve sustainable management and conservation of natural aquatic resources including the fish stocks.
- * To apply modern tools of research and development including biotechnology for optimizing production and productivity from fisheries.
- * To provide modern infrastructure mechanisms for fisheries and ensure their effective management and optimum utilization.
- * To provide modern infrastructure mechanisms for fisheries and ensure their effective management and optimum utilization.

- * To generate substantial employment.
- * To train and empower women in the fisheries sector.
- * To enhance contribute of fish towards food and nutritional security.

4.5.2 Major activities to be taken up by the NFDB

To achieve the aforesaid objectives, the Board envisages to take up the various activities like intensive aquaculture in ponds and tanks, Enhancing productivity from Reservoir Fisheries, Coastal Aquaculture, Deep sea Fishing and Tuna Processing, Mariculture, Sea Ranching, Seaweed Cultivation, Infrastructure for Post Harvest Programmes, Fish Dressing Centres and Solar Drying of Fish, and Domestic Marketing. The other proposed activities which NFDB may take up include trout culture, ornamental artificial fish habitats, fish aggregation devices, mahseer breeding and culture, ornamental fish culture, mariculture of bivalves, marine pearl culture, setting up of aquaculture service centres, fisheries service centres etc.

5. OTHER ISSUES:

5.1 The Coastal Aquaculture Authority Act, 2005 (24 of 2005)

The Government of India enacted the Coastal Aquaculture Authority Act, 2005 (24 of 2005) on 23 June 2005 and establishment the Coastal Aquaculture Authority (CAA) vide Notification No. S.O. 1803 (E) dated 22 December 2005 for regulating the activities connected with aquaculture in coastal areas.

The main objective of the CAA is to regulate coastal aquaculture and to ensure sustained increase in aquaculture production without causing damage to the coastal environment. The Central Government has prescribed guidelines for regulating coastal aquaculture to ensure the coastal aquaculture does not cause any detriment to the environment. One of the major tasks accomplished by the CAA was the registration of shrimp farms on the recommendations of the States and District level Committees constituted for the purpose.

5.2 Comprehensive Marine Fishing Policy:

Comprehensive Marine Fishing Policy 2004 has been launched in November 2004 to augment marine fish production of the country up to the sustainable level in a responsible manner so as to boost export of sea food from the country and also to increase per capita

fish protein intake of the masses to ensure Socio-economic security of the artisanal fishermen whose livelihood solely depends on the vocation; and to ensure sustainable development of marine fisheries with due concern for ecological integrity and bio-diversity. Suitable measures are being taken up to implement this policy in the over all development of the marine fisheries sector.

5.3 Long term leasing policy for inland water bodies:

Government of India continues to persuade the all stakeholders to have a long term leasing policy to lease out the inland water bodies for longer period that is for 5 to 10 years to attract investment from financial institutions. Accordingly, all the State Government / UT Administration have been requested to make such policies and implement for development of freshwater fisheries and aquaculture. Some states have started adopting such practices, but others are yet to take initiatives in this regard.

5.4 Uniform ban on fishing:

There is utmost requirement to have uniform ban on fishing on both the coasts during monsoon season for breeding of fish. Guidelines and instructions have already been issued to all the States/UTs. A uniform ban imposed on fishing by all fishing vessels in the Indian Exclusive Economic Zone (EEZ) beyond territorial waters on the East Coast including Andaman & Nicobar Islands and West Coast including Lakshadweep Islands as per periods mentioned below for conservation and effective management of fishery resources and also for see safety seasons:

- East Coast - from 15th April to 31st May, 2012 (both days inclusive) (47 days)
- West Coast – from 15th June to 31st July, 2012 (both days inclusive) (47 days)

CHART 8: STATE-WISE CRAFTS IN THE FISHERY 2010

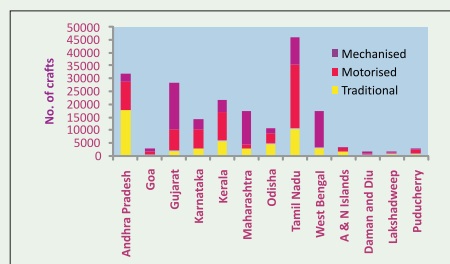


CHART 9: FISHERFOLK POPULATION OF COASTAL STATES DURING 2010

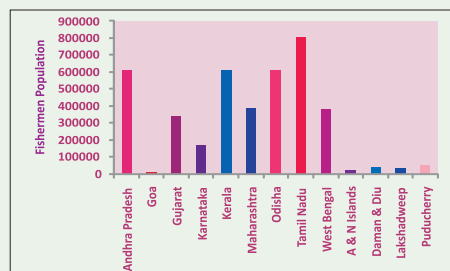


CHART 10: MAJOR FISH PRODUCING COUNTRIES DURING 2007 - 2009

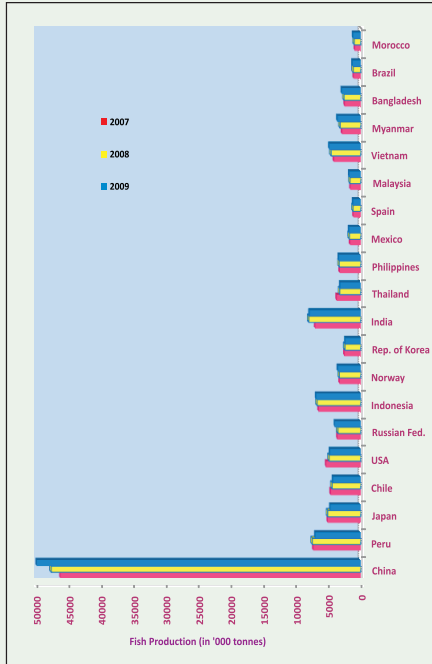


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