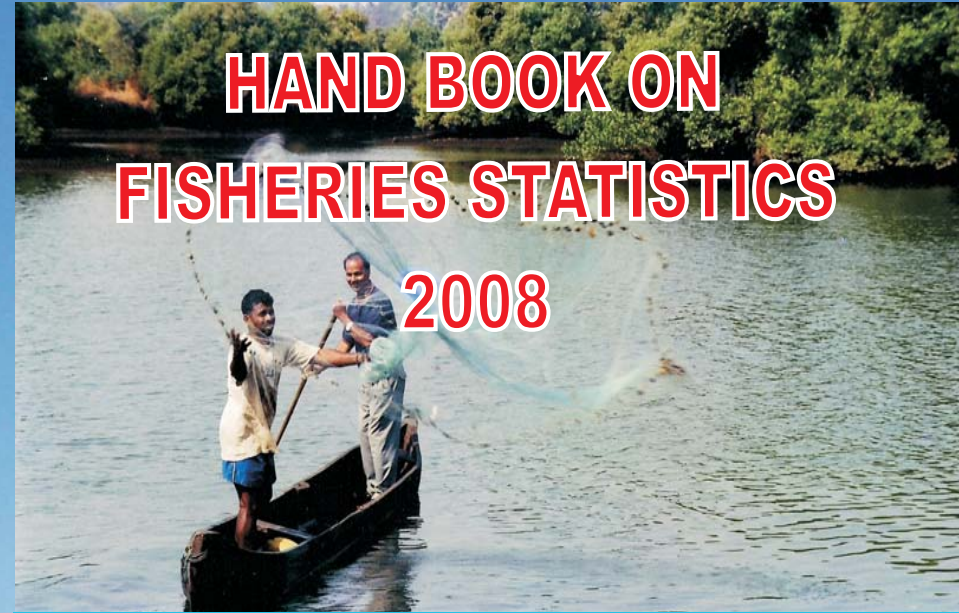




HAND BOOK ON FISHERIES STATISTICS 2008



सत्यमेव जयते

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



सत्यमेव जयते

HANDBOOK ON FISHERIES STATISTICS 2008

December, 2009

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

PREFACE

I am delighted to present the Tenth edition of the 'Handbook on Fisheries Statistics'. I trust this publication will serve as a useful reference book on various aspects of the fisheries sector.

2. India has played an important role in global fisheries as the third largest producer of fish in the world and the second largest producer from aquaculture. With a contribution of 2.9 million tonnes from marine and 4.2 million tonnes from the Inland sector, fisheries continue to make a significant contribution to nutritional security. The contribution of the fisheries sector, at an annual growth rate of 4.5%, is estimated at 1.07% to the GDP. The sector is a major foreign exchange earner, with revenue reaching Rs.7,620 crores in 2007-08; this accounts for about 14% of agricultural exports.
3. Apart from a long coastline India has a vast area covered by estuaries, backwaters, lagoons, etc. We also have huge inland fisheries resources with enormous scope for increasing fish production through freshwater aquaculture.
4. The Government is developing a road map for enhancing food fish production to 10 million metric tonnes by 2012. In addition to meeting the domestic demand, we intend to enhance our export earning potential in terms of value added products and ornamental fish trade.
5. I take this opportunity to express my thanks to the States, Union Territories and other agencies, who have provided information for this handbook. I also appreciate the work of the officers of Fishery Survey of India and the Fisheries Division of this Department, especially the Fisheries Statistics Unit. I hope this publication would be useful to Planners, Policy makers, Researchers and other stakeholders.

New Delhi

26th November, 2009



(Rudhra Gangadharan)
Secretary
Department of Animal Husbandry,
Dairying & Fisheries
Ministry of Agriculture
Government of India

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FIGURES AT 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 and potential (million tonnes)	Marine	Inland	Total
a) Fish Production 2007-08	2.92	4.21	7.13
b) Production potential (Est.)	3.92	4.5	8.4
6. Export of fisheries products, 2007-08			
a) Quantity ('000 Tonnes)	541.70		
b) Value (Rs crores)	7620.92		
7. Contribution of fisheries to Gross Domestic Product (GDP), 2007-08 at current prices			
a) GDP from fisheries	Rs. 35,650 crore		
b) Contribution of fisheries sector to			
i) Total GDP	0.75%		
ii) GDP from Agriculture sector	4.56%		
8. Population			
a) On March 1 st , 1991	846.30 million		
b) On March 1 st , 2001	1028.70 million		
c) Annual Growth Rate 1991-2001	2.13%		

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

a) No. of family members

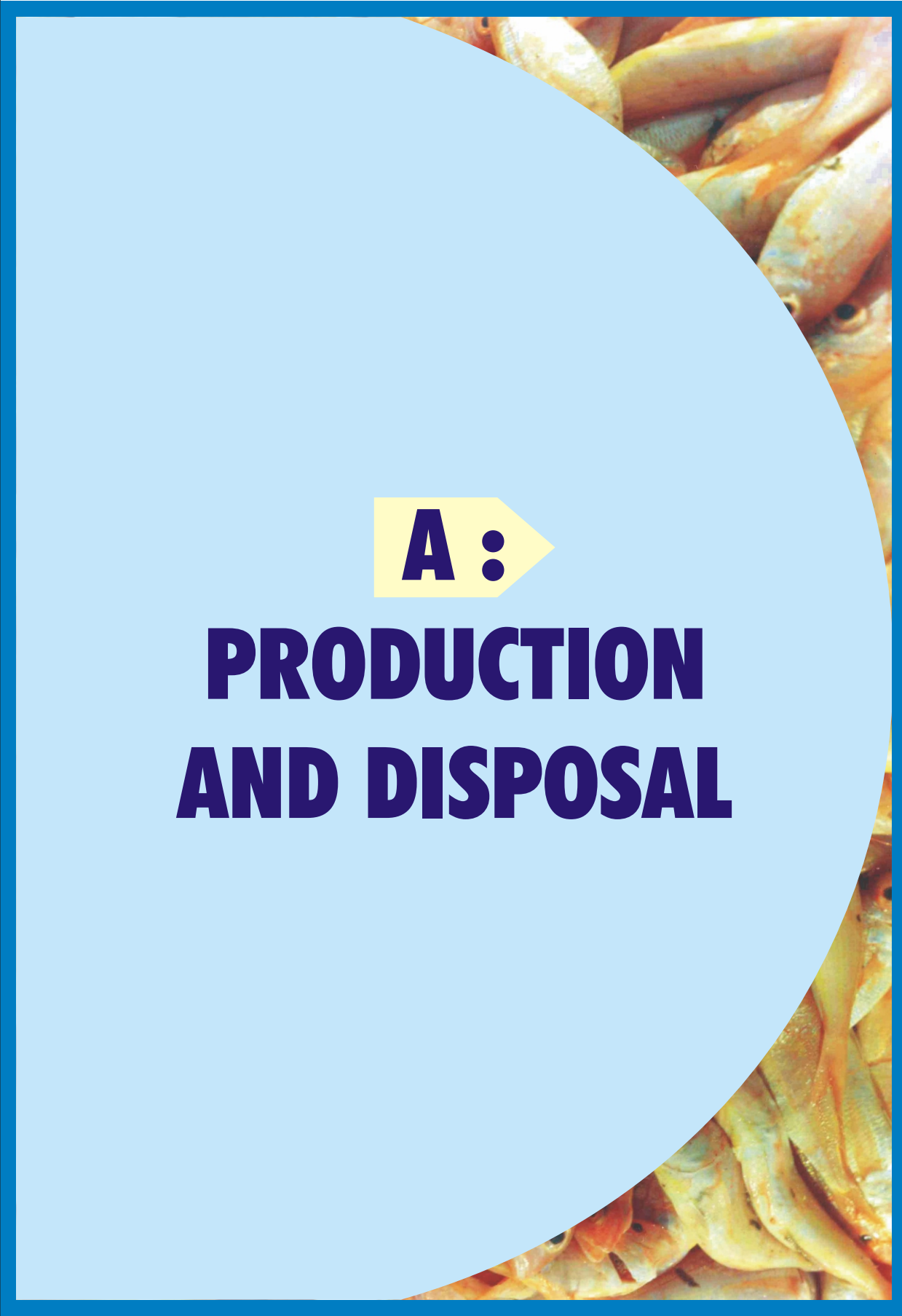
i. Total	14,485,354
ii. Males	4,696,158
iii. Females	4,033,963
iv. Children	5,755,233

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



A :
**PRODUCTION
AND DISPOSAL**

TABLE A-1

FISH PRODUCTION IN INDIA
FOR THE PERIOD : 1950-51 TO 2007-08

Year	Fish Production ('000 tonnes)			Average Annual Growth Rate (%)		
	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

Source:

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



TABLE A-2 FISH PRODUCTION OVER THE PLAN PERIODS - INDIA

Plan Period	Fish Production at end of the period ('000 tonnes)			Growth (%) over the Plan Period			Average Annual Growth
	Marine	Inland	Total	Marine	Inland	Total	
Pre-Plan Period (1951-56)	534	218	752	--	--	--	--
1 st Plan (1951-56)	596	243	839	11.61	11.47	11.57	2.31
2 nd Plan (1956-61)	880	280	1,160	47.65	15.23	38.26	7.65
3 rd Plan (1961-66)	824	507	1,331	-6.36	81.07	14.74	2.95
Annual Plans (1966-69)	904	622	1,526	9.71	22.68	14.65	4.88
4 th Plan (1969-74)	1210	748	1,958	33.85	20.26	28.31	5.66
5 th Plan (1974-79)	1490	816	2,306	23.14	9.09	17.77	3.55
Annual Plan (1979-80)	1492	848	2,340	0.13	3.92	1.47	1.47
6 th Plan (1980-85)	1698	1103	2801	13.81	30.07	19.70	3.94
7 th Plan (1985-90)	2275	1402	3677	33.98	27.11	31.27	6.25
Annual Plan(1990-91)	2300	1536	3836	1.10	9.56	4.32	4.32
Annual Plan (1991-92)	2447	1710	4157	6.39	11.33	8.37	8.37
8 th Plan (1992-97)	2967	2381	5348	30.42	69.83	45.44	9.09
9 th Plan (1997-02)	2830	3126	5956	-4.62	31.29	11.37	2.27
10 th Plan (2002-07)	2910	3559	6469	2.83	13.85	8.61	1.72
11 th Plan (2007-08)	2920	4207	7127	0.34	18.21	10.17	2.03

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

CHART 1 : FISH PRODUCTION DURING RECENT YEARS

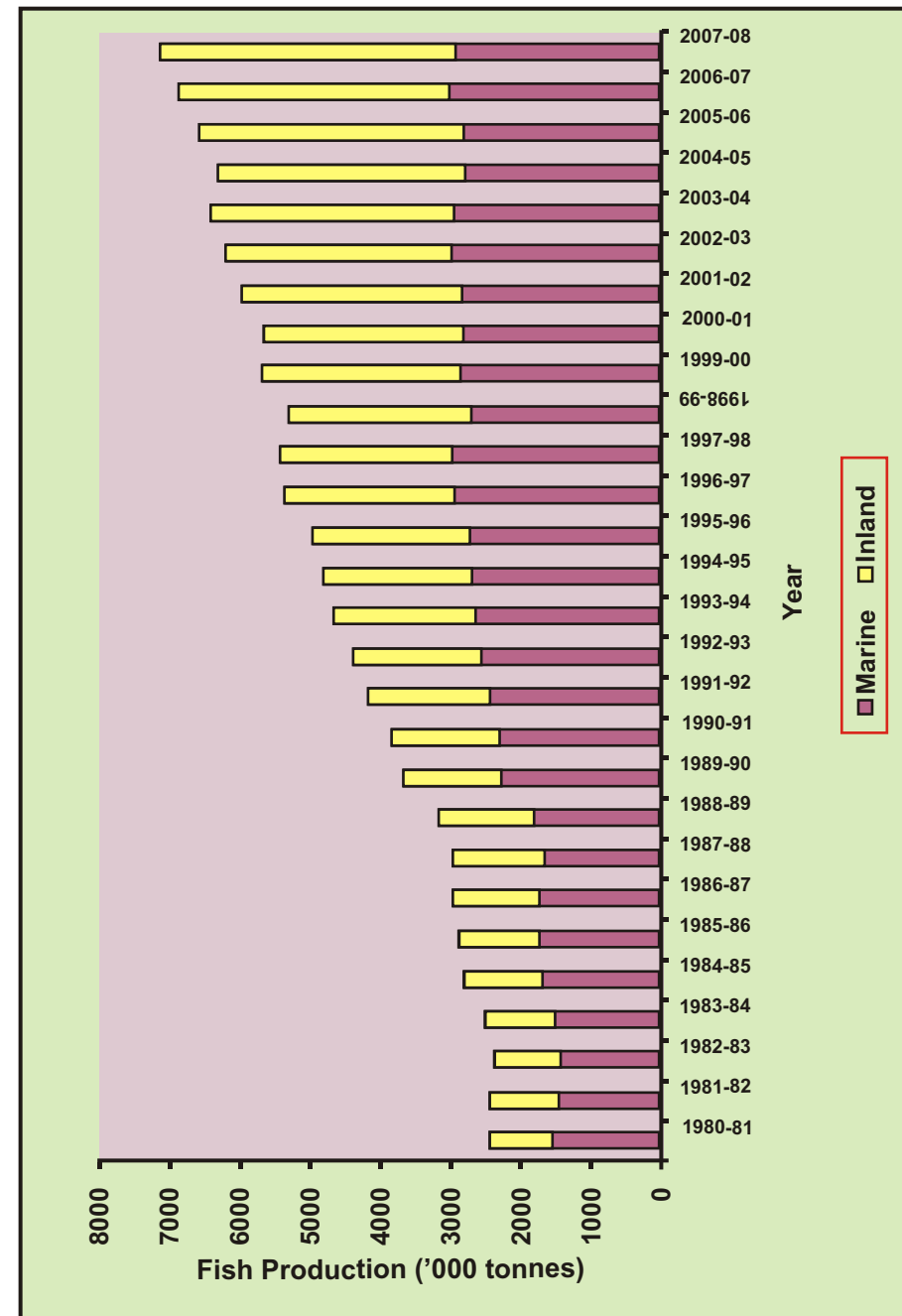


TABLE A-3

FISH PRODUCTION BY STATES /

(In '000 tonnes)

S. No.	State/Union Territory	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
1	Andhra Pradesh	264.55	321.37	345.39	355.96	359.36	372.86	410.82
2	Arunachal Pradesh	1.60	1.70	1.80	1.85	1.85	2.13	2.30
3	Assam	140.00	151.65	153.00	155.06	154.61	155.13	155.71
4	Bihar	164.07	200.71	195.37	239.58	249.78	208.54	237.98
5	Chhattisgarh							
6	Delhi	3.60	3.80	3.90	4.00	4.00	4.20	4.42
7	Goa	104.26	105.44	101.90	87.82	97.06	92.05	69.02
8	Gujarat	638.00	684.86	715.36	660.00	725.35	816.50	630.00
9	Haryana	20.15	22.58	24.13	28.01	30.00	32.05	32.52
10	Himachal Pradesh	6.39	6.63	5.29	5.94	6.27	6.69	6.79
11	Jharkhand							
12	Jammu & Kashmir	14.30	14.50	16.10	16.52	17.80	18.53	18.85
13	Karnataka	299.89	279.15	274.04	334.87	354.43	315.13	285.61
14	Kerala	534.40	604.69	596.56	582.14	631.03	583.86	649.22
15	Madhya Pradesh	55.71	54.53	80.18	91.28	110.53	115.16	119.59
16	Maharashtra	464.74	433.62	446.88	464.00	590.00	580.00	520.38
17	Manipur	11.20	11.51	12.01	12.50	12.70	13.70	15.31
18	Meghalaya	3.56	3.98	3.96	3.58	3.58	3.09	4.53
19	Mizoram	3.38	2.50	2.00	2.50	2.55	2.70	2.78
20	Nagaland	1.50	1.82	2.50	3.00	4.00	3.70	4.50
21	Orissa	213.14	232.28	257.66	258.04	276.96	309.51	284.23
22	Punjab	16.00	19.00	24.00	26.00	32.00	36.00	44.50
23	Rajasthan	10.92	12.22	13.97	12.40	14.30	15.10	12.00
24	Sikkim	0.09	0.10	0.10	0.15	0.15	0.14	0.14
25	Tamil Nadu	406.00	424.92	438.50	448.00	459.79	464.60	469.75
26	Tripura	23.37	24.50	25.10	25.71	27.47	27.91	28.41
27	Uttaranchal							
28	Uttar Pradesh	121.43	132.37	139.90	145.70	149.43	160.02	183.03
29	West Bengal	757.00	806.00	820.42	893.00	937.00	950.02	995.00
30	A & N Islands	24.27	25.13	26.17	25.73	26.44	27.27	27.44
31	Chandigarh	0.05	0.16	0.08	0.09	0.08	0.00	0.00
32	Dadra and Nagar Haveli	0.02	0.09	0.08	0.04	0.04	0.02	0.02
33	Daman & Diu	13.43	11.53	11.54	15.28	15.28	18.81	26.85
34	Lakshadweep	9.73	9.41	9.75	9.82	11.75	10.55	13.54
35	Puducherry	38.55	41.61	40.93	40.82	42.65	42.52	42.70
	INDIA	4365.30	4644.36	4788.57	4949.39	5348.24	5388.49	5297.94

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

UNION TERRITORIES, (1992-93 TO 2007-08)

(In '000 tonnes)

	1999-00	2000-01	2001-2002	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
	547.06	589.69	676.11	827.90	944.64	853.05	891.09	856.93	1010.09
	2.40	2.50	2.60	2.60	2.65	2.70	2.75	2.77	2.83
	159.77	158.62	161.45	165.52	181.00	186.31	188.01	181.48	190.32
	254.74	222.16	240.40	261.00	266.49	267.51	279.53	267.04	319.10
	0.00	43.39	95.76	99.80	111.05	120.07	131.75	137.75	139.37
	4.30	3.98	3.20	2.25	2.10	1.41	0.70	0.61	0.61
	65.62	71.57	69.92	76.53	87.36	99.04	104.95	102.40	33.43
	741.28	660.74	701.60	777.91	654.62	635.21	733.82	747.33	721.91
	30.00	33.04	34.57	35.18	39.13	42.05	48.20	60.08	67.24
	7.00	7.02	7.22	7.24	6.53	6.90	7.30	6.89	7.85
	0.00	42.6	101.00	45.38	75.38	22.00	34.27	34.27	67.89
	19.01	17.51	18.85	19.75	19.75	19.10	19.15	19.20	17.33
	322.30	333.37	249.61	266.42	257.00	251.23	297.57	292.46	297.69
	667.85	651.81	671.82	678.32	684.7	678.31	636.89	677.63	667.33
	127.43	48.84	47.46	42.17	50.82	62.06	61.07	65.04	63.89
	533.29	526.10	537.05	514.10	545.13	548.02	580.54	595.94	556.45
	15.51	16.05	16.45	16.60	17.60	17.80	18.22	18.61	18.60
	4.68	6.18	4.97	5.37	5.15	5.64	4.12	5.49	4.00
	2.89	2.86	3.15	3.25	3.38	3.68	3.75	3.76	3.76
	5.00	5.50	5.20	5.50	5.56	4.90	5.50	5.80	5.80
	261.24	259.64	281.95	287.53	306.9	315.59	325.45	342.04	349.48
	47.18	52.00	58.00	66.00	83.65	77.70	85.64	86.70	78.73
	12.97	12.12	14.27	25.60	14.3	16.39	18.50	22.20	25.70
	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.18
	475.00	481.42	485.00	473.50	474.14	459.43	463.03	542.28	559.36
	29.34	29.42	29.45	29.52	17.98	19.84	23.87	28.63	36.25
	0.00	9.07	6.42	2.55	2.56	2.57	2.79	3.00	3.09
	192.71	208.29	225.37	249.84	267.00	277.07	289.58	306.73	325.95
	1045.70	1060.23	1100.10	1120.00	1169.60	1215.00	1250.00	1359.10	1447.26
	28.20	27.68	27.08	28.30	31.15	32.68	12.10	28.69	28.69
	0.03	0.08	0.04	0.08	0.08	0.08	0.09	0.17	0.21
	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	15.95	16.38	21.52	11.26	13.77	12.51	17.79	16.41	26.36
	13.60	12.00	13.65	7.50	10.03	11.96	11.96	11.75	11.04
	42.83	43.30	44.50	45.02	48.00	36.75	21.45	39.67	39.01
	5675.03	5655.34	5955.93	6199.68	6399.39	6304.75	6571.63	6869.05	7126.83

TABLE A-4

MARINE FISH PRODUCTION BY STATES /

(In '000 tonnes)

S. No.	State/Union Territory	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
1	Andhra Pradesh	113.07	154.32	150.26	151.99	152.05	146.55	150.00
2	Goa	101.49	102.11	98.46	84.21	93.76	88.81	65.84
3	Gujarat	589.00	619.84	645.26	600.00	660.07	745.71	550.00
4	Karnataka	234.19	204.52	203.75	247.51	252.78	219.86	190.61
5	Kerala	496.24	559.20	548.37	532.55	578.92	526.34	583.36
6	Maharashtra	387.55	350.40	357.00	387.00	481.00	453.00	394.88
7	Orissa	119.38	103.93	122.89	123.20	133.46	156.08	124.33
8	Tamil Nadu	308.00	317.72	330.50	340.00	350.79	355.10	359.55
9	West Bengal	145.00	153.00	151.20	153.00	172.00	164.00	171.50
10	A & N Islands	24.17	25.08	26.12	25.68	26.40	27.23	27.40
11	Daman & Diu	13.43	11.53	11.50	15.28	15.28	18.81	26.85
12	Lakshadweep	9.73	9.41	9.75	9.82	11.75	10.55	13.54
13	Puducherry	35.00	37.78	36.75	36.82	38.55	38.42	38.60
INDIA		2576.25	2648.84	2691.81	2707.06	2966.81	2950.46	2696.46

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

UNION TERRITORIES (1992-93 TO 2007-08)

(In '000 tonnes)

1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
166.48	182.50	204.94	248.50	263.93	210.73	218.84	240.20	254.89
62.11	67.33	66.55	72.29	83.76	94.81	100.91	98.97	32.26
670.95	620.47	650.83	743.64	609.14	584.78	663.88	670.51	644.53
195.63	205.90	128.42	180.16	187.00	171.23	176.97	168.54	175.57
593.72	566.57	593.78	603.29	608.52	601.86	558.91	598.06	586.29
397.90	402.84	414.27	386.86	420.01	417.77	445.34	464.09	419.82
125.94	121.09	113.89	115.01	116.88	121.93	122.21	128.14	130.77
363.00	367.86	371.00	371.50	373.00	307.69	307.99	387.25	393.27
180.00	181.00	184.30	181.50	181.60	179.50	160.00	178.10	182.74
28.15	27.62	27.02	28.23	31.06	32.60	12.05	28.60	28.60
15.95	16.38	21.52	11.26	13.77	12.51	17.72	16.35	26.28
13.60	12.00	13.65	7.50	10.03	11.96	11.96	11.75	11.04
38.62	38.95	39.60	40.11	42.80	31.50	19.27	33.61	33.44
2852.05	2810.50	2829.77	2989.85	2941.50	2778.87	2816.05	3024.16	2919.49

TABLE A-5

INLAND FISH PRODUCTION BY STATES/

(In '000 tonnes)

S. No.	State/Union Territory	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
1	Andhra Pradesh	151.48	167.05	195.13	203.97	207.31	226.31	260.83
2	Arunachal Pradesh	1.60	1.70	1.80	1.85	1.85	2.13	2.30
3	Assam	140.00	151.65	153.00	155.06	154.61	155.13	155.71
4	Bihar	164.07	200.71	195.37	239.58	249.78	208.54	237.98
5	Chhattisgarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Delhi	3.60	3.80	3.90	4.00	4.00	4.20	4.42
7	Goa	2.77	3.32	3.44	3.61	3.30	3.24	3.18
8	Gujarat	49.00	65.02	70.10	60.00	65.28	70.80	80.00
9	Haryana	20.15	22.58	24.13	28.01	30.00	32.05	32.52
10	Himachal Pradesh	6.39	6.63	5.29	5.94	6.27	6.69	6.79
11	Jammu & Kashmir	14.30	14.50	16.10	16.52	17.80	18.53	18.85
12	Jharkhand	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Karnataka	65.70	74.63	70.29	87.35	101.65	95.28	95.00
14	Kerala	38.16	45.48	48.19	49.59	52.10	57.51	65.86
15	Madhya Pradesh	55.71	54.53	80.18	91.28	110.53	115.16	119.59
16	Maharashtra	77.19	83.22	89.88	77.00	109.00	127.00	125.50
17	Manipur	11.20	11.51	12.01	12.50	12.71	13.70	15.31
18	Meghalaya	3.56	3.98	3.95	3.58	3.58	3.09	4.53
19	Mizoram	3.38	2.50	2.00	2.50	2.55	2.70	2.78
20	Nagaland	1.50	1.82	2.50	3.00	4.00	3.70	4.50
21	Orissa	93.76	128.36	134.77	134.85	143.50	153.43	159.90
22	Punjab	16.00	19.00	24.00	26.00	32.00	36.00	44.50
23	Rajasthan	10.92	12.22	13.97	12.40	14.30	15.10	12.00
24	Sikkim	0.09	0.10	0.10	0.15	0.15	0.14	0.14
25	Tamil Nadu	98.00	107.20	108.00	108.00	109.00	109.50	110.20
26	Tripura	23.37	24.50	25.10	25.71	27.47	27.91	28.41
27	Uttaranchal	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	Uttar Pradesh	121.43	132.37	139.90	145.70	149.43	160.02	183.03
29	West Bengal	612.00	653.00	669.22	740.00	765.00	786.02	823.50
30	A & N Islands	0.10	0.03	0.05	0.05	0.04	0.04	0.04
31	Chandigarh	0.05	0.16	0.08	0.08	0.08	0.00	0.00
32	Dadra and Nagar Haveli	0.02	0.10	0.08	0.04	0.04	0.02	0.02
33	Daman & Diu	--	--	0.04	--	--	--	0.00
34	Lakshadweep	--	--	--	--	--	--	0.00
35	Puducherry	3.55	3.83	4.19	4.00	4.10	4.10	4.11
INDIA		1789.05	1995.50	2096.76	2242.32	2381.43	2438.04	2601.48

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

UNION TERRITORIES (1992-93 TO 2007-08)

(In '000 tonnes)

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
	380.58	407.19	471.17	579.4	680.71	642.32	672.25	616.73	755.20
	2.40	2.50	2.60	2.60	2.65	2.70	2.75	2.77	2.83
	159.77	158.62	161.45	165.52	181.00	186.32	188.01	181.48	190.32
	254.74	222.16	240.40	261.00	266.49	267.51	279.53	267.04	319.10
	0.00	43.39	95.76	99.80	111.05	120.07	131.75	137.75	139.37
	4.30	3.98	3.20	2.25	2.10	1.41	0.70	0.61	0.61
	3.51	4.24	3.37	4.25	3.60	4.23	4.04	3.43	1.17
	70.33	40.26	50.77	34.27	45.48	50.43	69.93	76.82	77.38
	30.00	33.04	34.57	35.18	39.13	42.05	48.20	60.08	67.24
	7.00	7.02	7.22	7.24	6.53	6.90	7.30	6.89	7.85
	19.01	17.51	18.85	19.75	19.75	19.10	19.15	19.20	17.33
	0.00	42.60	101.00	45.38	75.38	22.00	34.27	34.27	67.89
	126.65	127.47	121.20	86.26	70.00	80.00	120.60	123.92	122.12
	74.13	85.23	78.04	75.04	76.18	76.45	77.98	79.57	81.04
	127.43	48.84	47.46	42.17	50.82	62.06	61.08	65.04	63.89
	135.39	123.27	122.79	127.24	125.12	130.25	135.20	131.85	136.63
	15.51	16.05	16.45	16.60	17.60	17.80	18.22	18.61	18.60
	4.68	6.18	4.97	5.37	5.15	5.64	4.12	5.49	4.00
	2.89	2.86	3.15	3.25	3.38	3.68	3.75	3.76	3.76
	5.00	5.50	5.20	5.50	5.56	4.90	5.50	5.80	5.80
	135.30	138.56	168.06	172.53	190.02	193.66	203.23	213.90	218.72
	47.18	52.00	58.00	66.00	83.65	77.70	85.64	86.70	78.73
	12.97	12.12	14.27	25.60	14.3	16.39	18.50	22.20	25.70
	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.18
	112.00	113.56	114.00	102.00	101.14	151.73	155.04	155.04	166.09
	29.34	29.42	29.45	29.52	17.98	19.84	23.87	28.63	36.25
	0.00	9.07	6.42	2.55	2.56	2.57	2.79	3.00	3.09
	192.71	208.29	225.37	249.84	267.00	277.07	289.58	306.73	325.95
	865.70	879.23	915.80	938.50	988.00	1035.50	1090.00	1181.01	1264.53
	0.06	0.07	0.06	0.07	0.09	0.08	0.04	0.09	0.09
	0.03	0.08	0.04	0.08	0.08	0.08	0.09	0.17	0.21
	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.06	0.08
	0.00	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00
	4.21	4.35	4.90	4.91	5.20	5.25	2.18	6.06	5.57
2822.96		2844.83	3126.18	3209.86	3457.89	3525.88	3755.56	3844.89	4207.35

CHART 2

PERCENTAGE CONTRIBUTION OF INLAND AND MARINE FISH PRODUCTION DURING SELECTED YEARS

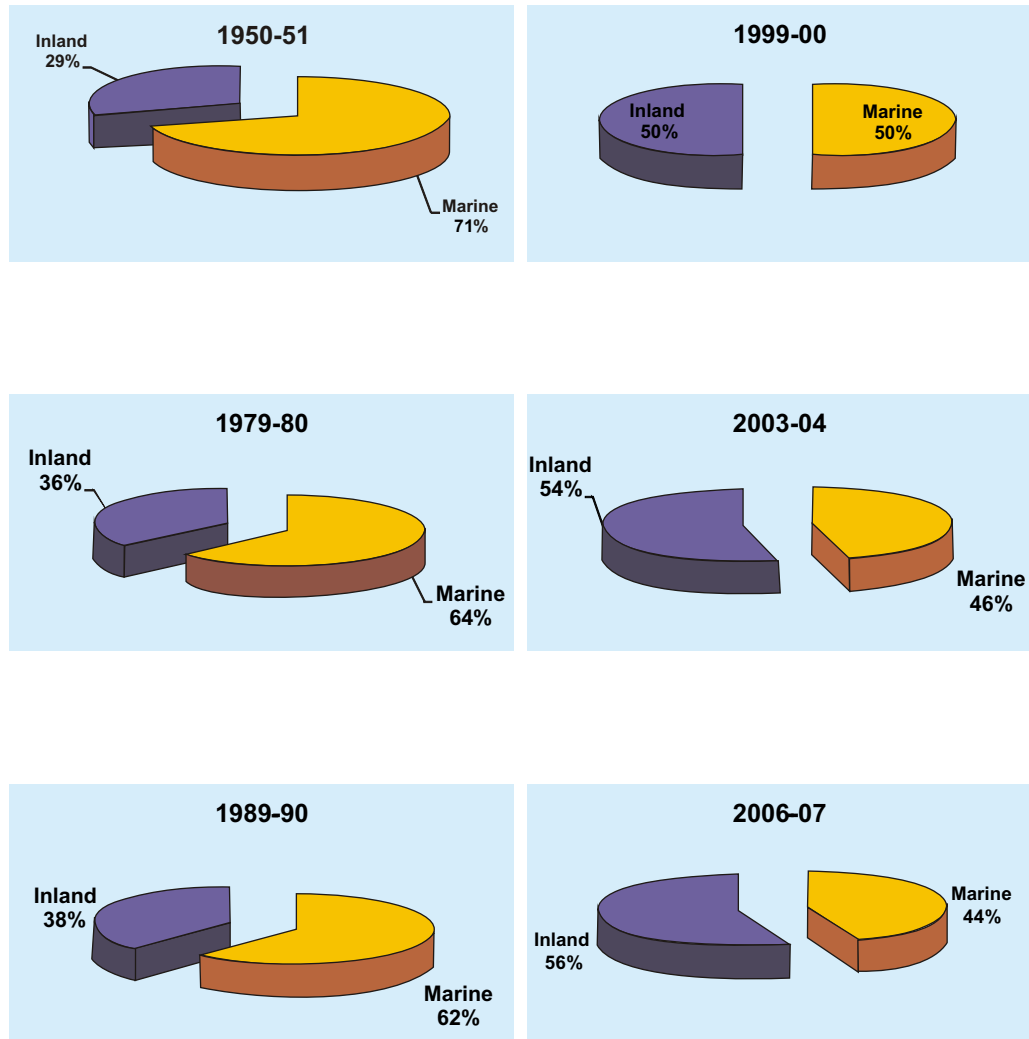


CHART 3 : MAJOR FISH PRODUCING STATES (both marine & inland together), 2007-08

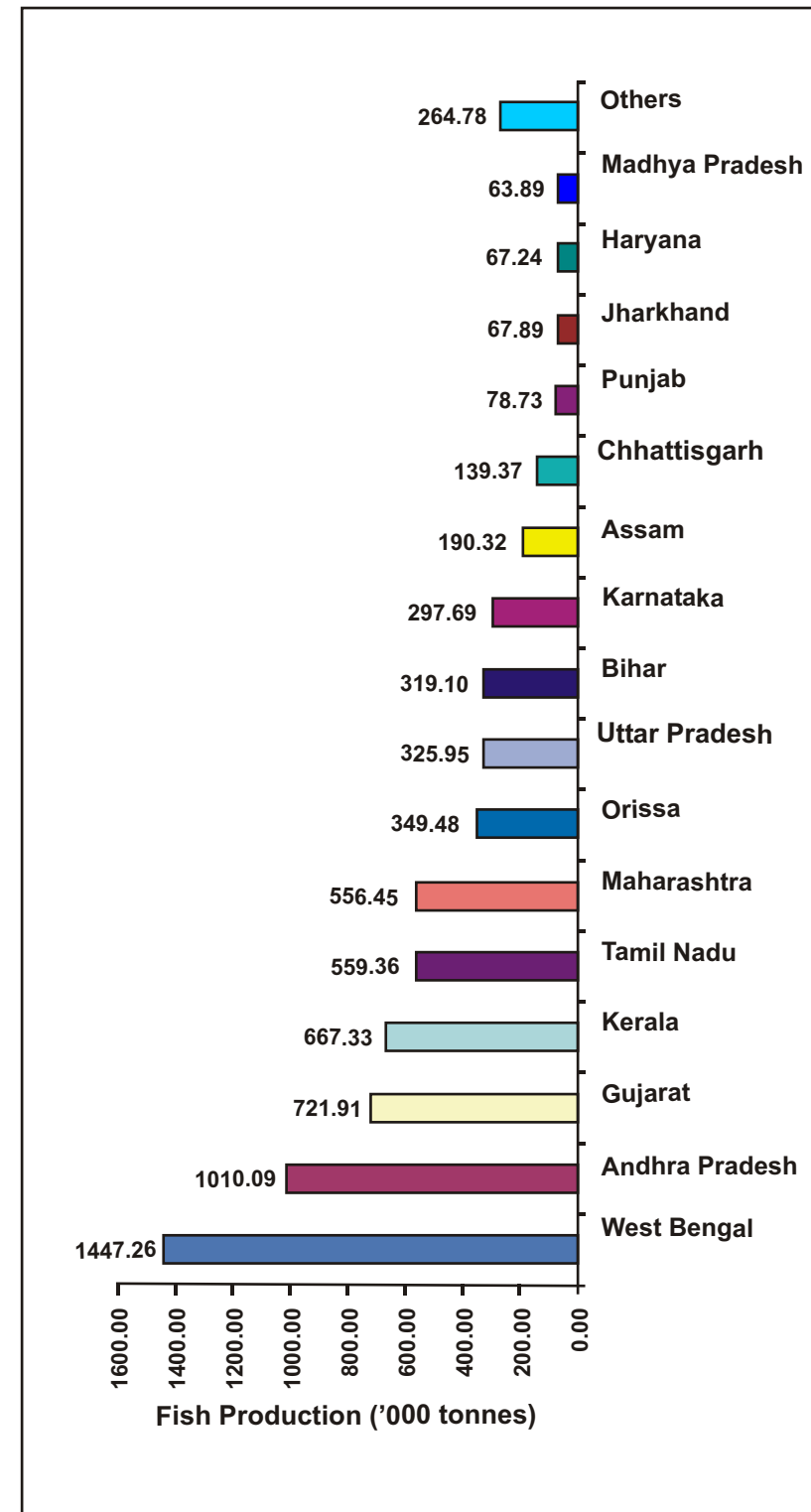


TABLE A-6.1

MARINE FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	Species	REGION NO. 57 - INDIAN OCEAN EAST						Total
		A.P	Orissa	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
1	Flat Fish	630	948	2209			981	4768
2	Unicorn cod			38			100	138
3	Bombay duck	800	751	36	39313		37	40937
4	Catfishes	905	9989	2551	25135	101	1047	39728
5	Lizard fishes	500		1079			714	2293
6	Eels	998	1540	531	350		132	3551
7	Big jawed jumper			901			63	964
8	Silverbellies	1181	1035	37512	384	662	1815	42589
9	Croakers	960	8745	10207	14914	60	1304	36190
10	Goat fishes	873			1095		1060	3028
11	Perches	800	887	19062	470	9062	1963	32244
12	Half Beaks	590		4212		253	120	5175
13	Flying fish	590		1858			237	2685
14	Barracudas	880		2562		1277	537	5256
15	Mulletts	1598	3055	878	1875	1197	1492	10095
16	Threadfins	760	653	2162		85	247	3907
17	Indian Mackerel	1180	3092		4885	1128	2520	12805
18	Trevallies			13937			1922	15859
19	Other Carangids		1232	2943		4725		8900
20	Butter fish	1080	6541		8908		5	16534
21	Indian Shad	449	9250	1560	26985	180	86	38510
22	Saradines	1015	9164		5996		1726	17901
23	Anchovies	800	2217	3147	6800	760	446	14170
24	Wolf herrings		1675	6955		312	371	9313
25	Other Clupeids	690	12478	3575	9995	3695	718	31151
26	Ribbon fishes		6208	947	2775		911	10841
27	Elasmobranchs (Sharks, Rays & Skates)	1674	5814	20244	4118	395	1290	33535
28	Seer fishes	2504	1872	23538	2525	1842		32281
29	Firgate & Bullet tunas	1221						1221
30	Little tuna		604	4599				5203
31	Long tail tuna							0

COASTAL STATES AND UNION TERRITORIES, 2003

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								Total for INDIA
Gujarat	Karnataka	Kerala	Mahara-shtra	Goa	Laksha-dweep	Daman & Diu	Total	
	4251		9311	2037		45	15644	20412
			2101				2101	2239
74707			24108			149	98964	139901
24525	475		11336	676		975	37987	77715
	1269		2298				3567	5860
3391	6	112	1603			34	5146	8697
	1002	3106	1082	433			5623	6587
	3754	5992	611	1533			11890	54479
188491	2981	7989	20178	2963		1126	223728	259918
			15410		47		15457	18485
8417		28956	150	83	162	150	37918	70162
		737	1632		289	56	2714	7889
					79		79	2764
		1940			40	74	2054	7310
4775	263	43	648	26		138	5893	15988
1059		27	773	2		43	1904	5811
	7610		14118	16589		446	38763	51568
	1272	22117	4191		118	266	27964	43823
	6234	28611		1621		391	36857	45757
	223	5021	5667	915			11826	28360
1221		133	592			498	2444	40954
	31652	175508	27902	18195		10	253267	271168
13529	3658	41282	19248	1072		132	78921	93091
4190		336	2125			120	6771	16084
15116	5149	10294	1343	1641		1045	34588	65739
45478	10854		41844	1430		1032	100638	111479
14624	2548	2628	7406	1016	132	1377	29731	63266
7202	3341	56657	11044	1398	191	586	80419	112700
	2125		4563		301		6989	8210
					1065	228	1293	6496
		13717			67	78	13862	13862

(continued)

TABLE A-6.1

MARINE FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	Species	REGION NO. 57 - INDIAN OCEAN EAST						Total
		A.P	Orissa	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
32	Skipjack tuna							0
33	Yellowfin tuna							0
34	Bigeye tuna							0
35	Marlin and sailfishes							0
36	Swordfish							0
37	Other fin fishes	8518	25448		2997	536	12428	49927
38	Decapods							
	(a) Tiger prawn							0
39	(b) Other penaeid prawn	1160	5715	21079	13050	560	2398	43962
40	(c) Non-penaeid prawn	1061	2771	4671	7950	128	1072	17653
41	(d) Crabs	440	1121	15101	1080	154	1331	19227
42	(e) Natanian decapods							0
43	Cephalopods							
	(Squid & Cuttle fish)	421	370	9169			2933	12893
44	Other Molluscs							0
45	Unspecified	196148		156598		3524	90	356360
	Total	230426	123175	373861	181600	30636	42096	981794

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

COASTAL STATES AND UNION TERRITORIES, 2003

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								Total for INDIA
Gujarat	Karnataka	Kerala	Mahara-shtra	Goa	Laksha-dweep	Daman & Diu	Total	
				911	5223		6134	6134
						89	89	89
							0	0
					132		132	132
							0	0
15683	7342	133252	37493	7256	1289	2000	204315	254242
							0	0
46330	10826	53437	45442	2284		47	158366	202328
9150	464	3364	56965			126	70069	87722
2280	1933	6415	3141	805		80	14654	33881
	15642						15642	15642
29302	13200	17754	12816	829	15	541	74457	87350
607							607	607
131060	48930		1404	8681		366	190441	546801
641137	187004	619428	388545	72396	9149	12248	1929907	2911701

TABLE A-6.2

MARINE FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	Species	REGION NO. 57 - INDIAN OCEAN EAST						Total
		A.P	Orissa	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
1	Flat Fish	922	1633	2209			951	5715
2	Unicorn cod	563		38			168	769
3	Bombay duck	1077	454	36	34349		65	35981
4	Catfishes	5876	7036	2551	24234	101	1058	40856
5	Lizard fishes	1528		1079			909	3516
6	Eels	2643	2115	531	410		84	5783
7	Big jawed jumper	1951		901			78	2930
8	Silverbellies	2949	1440	37512	390	662	1875	44828
9	Croakers	5580	9715	10207	15500	60	1087	42149
10	Goat fishes	2512			1120		1117	4749
11	Perches	5791	1116	19062	470	9062	1939	37440
12	Half Beaks	284		4212		253	135	4884
13	Flying fish	268		1858			196	2322
14	Barracudas	816		2562		1277	1304	5959
15	Mulletts	7697	3722	878	1940	1197	1680	17114
16	Threadfins	6018	784	2162	450	85	593	10092
17	Indian Mackerel	8627	3889		8815	1128	2252	24711
18	Trevallies	778		13937			2130	16845
19	Other Carangids	7738	1930	2943		4725		17336
20	Butter fish	3393	5826		12284		4	21507
21	Indian Shad	1157	7974	1560	27256	180	235	38362
22	Saradines	12976	3847		6462		1986	25271
23	Anchovies	6149	1722	3147	6900	760	550	19228
24	Wolf herrings	569	1803	6955		312	508	10147
25	Other Clupeids	3541	3650	3575	7000	3695	1041	22502
26	Ribbon fishes	3146	5580	947	2950		750	13373
27	Elasmobranchs (Sharks, Rays & Skates)	23827	4923	20244	4730	395	1313	55432
28	Seer fishes	10474	2171	23538	1950	1842		39975
29	Firgate & Bullet tunas	1255						1255
30	Little tuna	44	522	4599				5165
31	Long tail tuna	241						241

COASTAL STATES AND UNION TERRITORIES, 2004

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								Total for INDIA
Gujarat	Karnataka	Kerala	Mahara-shtra	Goa	Laksha-dweep	Daman & Diu	Total	
	5295		5330	2935		34	13594	19309
			1046				1046	1815
90767			44265			253	135285	171266
26692	1129	152	7183	1007		1464	37627	78483
	2988		1941				4929	8445
2975	2	145	1092			48	4262	10045
	1702	3885	2800				8387	11317
	4704	5114	650	2740		55	13263	58091
160229	2302	8939	22652	2806		1330	198258	240407
			7949	120	47		8116	12865
10572		30373	432	769	162	128	42436	79876
		638	417	860	289	42	2246	7130
					79		79	2401
		1582			40	40	1662	7621
4650	328	28	277	63		78	5424	22538
1004	1	21	753	1		45	1825	11917
	8931		21041	5779		491	36242	60953
		25157	5786		118	258	31319	48164
	4984	27862		2181		492	35519	52855
	2559	332	5447	825		298	9461	30968
1809			913			812	3534	41896
	24119	171847	22638	29397		10	248011	273282
10665	4140	35177	17987	63		357	68389	87617
3887		255	1855	370		136	6503	16650
11489	2054	12723	3007	1916		1061	32250	54752
45992	11198		29998	3178		980	91346	104719
11117	2172	3024	5207	1603	132	1138	24393	79825
7293	5124	45194	11194	2274	191	578	71848	111823
	3968		2302		301		6571	7826
				268	1065	301	1634	6799
		1141			67	93	1301	1542

(continued)

TABLE A-6.2

MARINE FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	Species	REGION NO. 57 - INDIAN OCEAN EAST						Total
		A.P	Orissa	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
32	Skipjack tuna	27						27
33	Yellowfin tuna	1009						1009
34	Bigeye tuna	104						104
35	Marlin and sailfishes							0
36	Swordfish	129						129
37	Other fin fishes	49717	16917		1410	536	13435	82015
38	Decapods							
	(a) Tiger prawn							0
39	(b) Other penaeid prawn	25969	9129	21079	13000	560	2348	72085
40	(c) Non-penaeid prawn	12185	1529	4671	7000	128	1328	26841
41	(d) Crabs	720	1421	15101	880	154	1171	19447
42	(e) Natanian decapods	1915						1915
43	Cephalopods							
	(Squid & Cuttle fish)	479	1319	9169			1593	12560
44	Other Molluscs	6361						6361
45	Unspecified	23733		147529		3524	150	174936
	Total	252738	102167	364792	179500	30636	44033	973866

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

COASTAL STATES AND UNION TERRITORIES, 2004

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								Total for INDIA
Gujarat	Karnataka	Kerala	Mahara-shtra	Goa	Laksha-dweep	Daman & Diu	Total	
				1241	5223		6464	6491
						62	62	1071
							0	104
					132		132	132
							0	129
23636	27019	139789	25056	6854	1288	1835	225477	307492
				138			138	138
7037	11841	53469	30507	6527		33	109414	181499
48194		2923	68634			89	119840	146681
1658	14045	3408	2047	866		68	22092	41539
						19	19	1934
21437	9277	15891	7410	2486	15	216	56732	69292
732				141			873	7234
108770			64657	6348		361	180136	355072
600605	149882	589069	422473	83756	9149	13205	1868139	2842005

TABLE A-6.3

MARINE FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	Species	REGION NO. 57 - INDIAN OCEAN EAST						Total
		A.P	Orissa	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
1	Flat Fish	1058	1773	2209			534	5574
2	Unicorn cod	407		38			60	505
3	Bombay duck	660	626	36	28102		62	29486
4	Catfishes	8086	9790	2551	27465	32	483	48407
5	Lizard fishes	811		1079			496	2386
6	Eels	2817	1834	531	67		38	5287
7	Big jawed jumper	1617		901			56	2574
8	Silverbellies	3027	1684	37512	3987	217	1263	47690
9	Croakers	4404	11860	10207	9100	30	599	36200
10	Goat fishes	2307			511		670	3488
11	Perches	5320	2310	19062	359	3019	1181	31251
12	Half Beaks	385		4212		16	37	4650
13	Flying fish	323		1858			30	2211
14	Barracudas	563		2562		376	460	3961
15	Mulletts	4346	5803	878	6712	290	795	18824
16	Threadfins	5321	1122	2162	2274	7	222	11108
17	Indian Mackerel	6263	4567		8551	313	1585	21279
18	Trevallies	1099		13937			1144	16180
19	Other Carangids	7320	3187	2943		1154		14604
20	Butter fish	1954	10153		3060		3	15170
21	Indian Shad	1805	4049	1526	19061	74	225	26740
22	Saradines	11911	4910		8452		1529	26802
23	Anchovies	4523	3133	3147	579		112	11494
24	Wolf herrings	344	2656	6955			303	10258
25	Other Clupeids	5264	4589	3575	5342	706	508	19984
26	Ribbon fishes	3924	6947	947	7807		234	19859
27	Elasmobranchs (Sharks, Rays & Skates)	6253	4409	20244	127	71	715	31819
28	Seer fishes	9653	2167	23538	808	374		36540
29	Firgate & Bullet tunas	877						877
30	Little tuna	526	515	4599				5640
31	Long tail tuna	655						655

COASTAL STATES AND UNION TERRITORIES, 2005

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								Total for INDIA
Gujarat	Karnataka	Kerala	Mahara-shtra	Goa	Laksha-dweep	Daman & Diu	Total	
	5537		5958	2054		31	13580	19154
			2458				2458	2963
91916			66614			248	158778	188264
26827	1261		9550	1303		1706	40647	89054
	3084		2431				5515	7901
6604	6	167	1601			57	8435	13722
	2038	1499	3025				6562	9136
	5565	5292	811	2046		67	13781	61471
152060	3070	9855	28832	3211		1186	198214	234414
			9976		87		10063	13551
16275		30333	324	1379	177	112	48600	79851
		690	845	2262		38	3835	8485
					63		63	2274
		1656			28	40	1724	5685
5472	435	42	360	289		64	6662	25486
1221	28	67	506			132	1954	13062
	8921		17877	12006		429	39233	60512
		21711	7149	3206	199	266	32531	48711
	3485	26906				392	30783	45387
	1904	9547	10903	720		1206	24280	39450
1935			942			636	3513	30253
	30215	149375	28014	28246		2	235852	262654
10922	2408	30084	22104	17		686	66221	77715
5093		264	2468	849		155	8829	19087
15081	3574	15490	3858	3505		1095	42603	62587
41175	13641		33262	5791		1240	95109	114968
14725	2590	3149	5746	1871	221	935	29237	61056
9258	6415	46559	7496	9556	120	548	79952	116492
	5225				1635		6860	7737
			4116	854	660	516	6146	11786
		11881			88	118	12087	12742

(continued)

TABLE A-6.3

MARINE FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	Species	REGION NO. 57 - INDIAN OCEAN EAST						Total
		A.P	Orissa	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
32	Skipjack tuna	1187				17		1204
33	Yellowfin tuna	804				20		824
34	Bigeye tuna	60				1		61
35	Marlin and sailfishes	157				69		226
36	Swordfish	245						245
37	Other fin fishes	14789	21752		8434	133	9267	54375
38	Decapods							
	(a) Tiger prawn							0
39	(b) Other penaeid prawn	17062	9417	21079	12000	108	1387	61053
40	(c) Non-penaeid prawn	6732	1390	4671	6000	55	190	19038
41	(d) Crabs	2592	1297	15101	1202	200	350	20742
42	(e) Natanian decapods	405						405
43	Cephalopods							
	(Squid & Cuttle fish)	1089	497	9169			829	11584
44	Other Molluscs	4364	11					4375
45	Unspecified	22177		181588		1353	100	205218
46	Deep sea fishes *	1199						1199
	Total	175486	122448	398817	160000	8635	25467	892052

* The landings from deepsea fishing vessels

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

COASTAL STATES AND UNION TERRITORIES, 2005

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								Total for INDIA
Gujarat	Karnataka	Kerala	Mahara-shtra	Goa	Laksha-dweep	Daman & Diu	Total	
				2459	6445		8904	10108
						163	163	987
							0	61
							0	226
							0	245
39324	21993	124191	27948	1582	1312	2289	218639	273014
							0	0
12199	11690	47752	44227	10599		59	126526	187579
51480		1714	67696			138	121028	140066
1988	15438	4510	2387	994		54	25371	46113
						10	10	415
29590	7338	14172	13125	73		266	64564	76148
1237							1237	5612
122459	21113		2895	8219		162	154848	360066
0							0	1199
656841	176974	556906	435504	103091	11035	15046	1955397	2847449

TABLE A-6.4

MARINE FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	Species	REGION NO. 57 - INDIAN OCEAN EAST						Total
		A.P	Orissa	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
1	Flat Fish	1058	1853	2209		8	916	6044
2	Unicorn cod	407		38			369	814
3	Bombay duck	660	654	36	28102		104	29556
4	Catfishes	8086	10231	2551	27465	254	520	49107
5	Lizard fishes	811		1079		6	748	2644
6	Eels	2817	1917	531	67		51	5383
7	Big jawed jumper	1617		901		45	154	2717
8	Silverbellies	3027	1760	37512	3987	2376	1772	50434
9	Croakers	4404	12394	10207	9100	806	758	37669
10	Goat fishes	2307			511	4	685	3507
11	Perches	5320	2414	19062	359	4365	2186	33706
12	Half Beaks	385		4212		125	117	4839
13	Flying fish	323		1858		18	237	2436
14	Barracudas	563		2562		514	799	4438
15	Mulletts	4346	6064	878	6712	810	1133	19943
16	Threadfins	5321	1172	2162	2274	18	508	11455
17	Indian Mackerel	6263	4773		8551		2003	21590
18	Trevallies	1099		13937		1070		16106
19	Other Carangids	7320	3330	2943		2000	3537	19130
20	Butter fish	1954	10610		3060		853	16477
21	Indian Shad	1805	4231	1526	19061	117	27	26767
22	Saradines	11911	5131		8452		1814	27308
23	Anchovies	4523	3274	3147	579	2308	561	14392
24	Wolf herrings	344	2776	6955		12	444	10531
25	Other Clupeids	5264	4795	3575	5342	806	655	20437
26	Ribbon fishes	3924	7260	947	7807		656	20594
27	Elasmobranchs (Sharks, Rays & Skates)	6253	4607	20244	127	2227	853	34311
28	Seer fishes	9653	2264	23538	808	1150	1585	38998
29	Firgate & Bullet tunas	877					100	977
30	Little tuna	526	538	4599		90	500	6253
31	Long tail tuna	655				50		705

COASTAL STATES AND UNION TERRITORIES, 2006

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								Total for INDIA
Gujarat	Karnataka	Kerala	Mahara-shtra	Goa	Laksha-dweep	Daman & Diu	Total	
	5537		6699	2339		26	14601	20645
			1458				1458	2272
94215			58262			311	152788	182344
25399	1261		11806	2586		1176	42228	91335
0	3084		2182				5266	7910
4686	6	173	2432			49	7346	12729
	2038	3684	1682				7404	10121
0	5565	5577	1347	3187		73	15749	66183
161385	3070	9879	21627	2404		1286	199651	237320
0			11362		90		11452	14959
14539		33662	630	2427	205	691	52154	85860
0		711	737	3893		44	5385	10224
0					75		75	2511
0		1682			35	43	1760	6198
6518	435	44	539	425		80	8041	27984
1780	28	72	639	13		253	2785	14240
0	8921		11591	12244		291	33047	54637
0		28366	7411	1143	213	163	37296	53402
10249	3485	23235				277	37246	56376
0	1904	9318	7015			151	18388	34865
2471			841			839	4151	30918
0	30215	162376	24518	29415		2	246526	273834
8257	2408	33658	121602	30		866	166821	181213
7280		268	2383	435		157	10523	21054
15149	3574	17067	1671	3266		1660	42387	62824
42533	13641		47455	5254		1321	110204	130798
16004	2590	3287	8188	1162	180	843	32254	66565
11403	6415	49532	9373	3968		848	81539	120537
0	5225		4598		122		9945	10922
0		0	0	724	1620	395	2739	8992
0		12702			6110	192	19004	19709

(continued)

TABLE A-6.4

MARINE FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	Species	REGION NO. 57 - INDIAN OCEAN EAST						Total
		A.P	Orissa	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
32	Skipjack tuna	1187				110	300	1597
33	Yellowfin tuna	804				40	128	972
34	Bigeye tuna	60				30		90
35	Marlin and sailfishes	157				186		343
36	Swordfish	245				12		257
37	Other fin fishes	14789	22731		8434	3401	4966	54321
38	Decapods							
	(a) Tiger prawn							0
39	(b) Other penaeid prawn	17062	9841	21079	12000	550	1720	62252
40	(c) Non-penaeid prawn	6732	1453	4671	6000	15	317	19188
41	(d) Crabs	2592	1355	15101	1202	565	724	21539
42	(e) Natanian decapods	405						405
43	Cephalopods							
	(Squid & Cuttle fish)	1089	519	9169		8	768	11553
44	Other Molluscs	4364	11					4375
45	Unspecified	22177		181588			100	203865
46	Deep sea fishes *	1199						1199
	Total	175486	127958	398817	160000	24096	33668	921224

* The landings from deepsea fishing vessels

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

COASTAL STATES AND UNION TERRITORIES, 2006

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								Total for INDIA
Gujarat	Karnataka	Kerala	Mahara-shtra	Goa	Laksha-dweep	Daman & Diu	Total	
0				589	820	169	1578	3175
8236						169	8405	9377
						146	146	236
0					110		110	453
						0	0	257
61252	21993	163644	42936	2548	2171	3060	297604	351925
						0	0	0
11477	11690	51479	48461	9055		40	132202	194454
53147		1798	54792			100	109837	129025
2894	15438	5057	3180	1092		68	27729	49268
0						11	11	416
31839	7338	15465	13765	342		656	69405	80958
558							558	4933
75826	21113		3715	7785		153	108592	312457
							0	1199
667097	176974	632736	534897	96326	11751	16609	2136390	3057614

TABLE A-6.5

MARINE FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	Species	REGION NO. 57 - INDIAN OCEAN EAST						Total
		A.P	Orissa	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
1	Flat Fish	2165	1840	2308		10		6323
2	Unicorn cod	2541		40			488	3069
3	Bombay duck	15	1168	38	32107		140	33468
4	Catfishes	2144	10874	2666	30171	285	337	46477
5	Lizard fishes	7184		1127		7	751	9069
6	Eels	1391	2212	555	98		59	4315
7	Big jawed jumper	4198		941		56	423	5618
8	Silverbellies	2328	1868	39200	3650	2450	1486	50982
9	Croakers	2961	12792	10666	7239	834	380	34872
10	Goat fishes	7437			429	6		7872
11	Perches	4588	2343	19980	4480	4808	2272	38471
12	Half Beaks	6588		4401	305	202	318	11814
13	Flying fish	419		1942		19	320	2700
14	Barracudas	2248		2677		634	483	6042
15	Mulletts	791	6616	971	5914	865	1358	16515
16	Threadfins	9621	1600	2259	2205	21	580	16286
17	Indian Mackerel	3643	5476		7470		2246	18835
18	Trevallies	5115		14564	3768	1095	1026	25568
19	Other Carangids	2773	3379	3075		2052	956	12235
20	Butter fish	5521	8364		8694		849	23428
21	Indian Shad		3793	1595	16072	196	654	22310
22	Saradines	4391	5561		8505		3348	21805
23	Anchovies	6442	3925	3288	539	2981	690	17865
24	Wolf herrings	2892	2773	7268		14	137	13084
25	Other Clupeids	5824	4344	3736	5055	834	494	20287
26	Ribbon fishes	777	9071	989	8195		651	19683
27	Elasmobranchs (Sharks, Rays & Skates)	8338	6972	21155	123	2956	1158	40702
28	Seer fishes	12732	2257	24597	659	1204	1911	43360
29	Firgate & Bullet tunas	9832					100	9932
30	Little tuna	1835	705	4806		94	500	7940
31	Long tail tuna	759				64		823

COASTAL STATES AND UNION TERRITORIES, 2007(P)

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								Total for INDIA
Gujarat	Karnataka	Kerala	Mahara-shtra	Goa	Laksha-dweep	Daman & Diu	Total	
8121	4565		7110	1950		116	21862	28185
0			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
0	4781	5426	3584	1664		149	15604	66586
135947	2377	9636	21720	1938		5745	177363	212235
0			13760		56		13816	21688
23666		32272	699	950	217	1373	59177	97648
0		701	938	4822		49	6510	18324
0					140		140	2840
0		1598			20	45	1663	7705
6120	215	44	598	102		259	7338	23853
1268	26	70	1331	25		598	3318	19604
0	4541		29530	19930		414	54415	73250
0		27583	6589	401	236	775	35584	61152
20168	1176	22257				242	43843	56078
0	1572	9558	10938	665		178	22911	46339
3240			1148			913	5301	27611
0	45637	155993	27215	28173		98	257116	278921
10426	2366	33118	23742	3		951	70606	88471
9297		263	2865	251		313	12989	26073
14684	2425	16140	2109	2023		1255	38636	58923
35869	7616		34186	1368		1882	80921	100604
26194	2811	3203	10217	1228	75	874	44602	85304
14460	3511	48089	9841	4966	95	1031	81993	125353
	1157		5336		1331	127	7951	17883
				226	532	474	1232	9172
		12258			2140	79	14477	15300

(continued)

TABLE A-6.5

MARINE FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	Species	REGION NO. 57 - INDIAN OCEAN EAST						Total
		A.P	Orissa	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
32	Skipjack tuna	315				124	300	739
33	Yellowfin tuna	2065	27		225	72	1352	3741
34	Bigeye tuna	1724				64		1788
35	Marlin and sailfishes	687						687
36	Swordfish	0				17		17
37	Other fin fishes	15192	23706		14773	4854	4227	62752
38	Decapods							
	(a) Tiger prawn	1940						1940
39	(b) Other penaeid prawn	19795	12672	22027	11001	586	1674	67755
40	(c) Non-penaeid prawn	24987	1801	4881	5527	18	398	37612
41	(d) Crabs	12072		1578	894	571	671	15786
42	(e) Natanian decapods	5439						5439
43	Cephalopods							
	(Squid & Cuttle fish)	38	1535	9581		12	480	11646
44	Other Molluscs	3623	568					4191
45	Unspecified	191		189759			55	190005
46	Deep sea fishes *	3350						3350
	Total	215561	138242	402670	178098	28005	33272	999198

* The landings from deepsea fishing vessels

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

COASTAL STATES AND UNION TERRITORIES, 2007(P)

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								Total for INDIA
Gujarat	Karnataka	Kerala	Mahara-shtra	Goa	Laksha-dweep	Daman & Diu	Total	
				1916	4871	156	6943	7682
14830						158	14988	18729
						135	135	1923
						21	21	708
							0	17
73096	25290	129699	56040	1674	1687	2829	290315	353067
						79	79	2019
12686	12742	49165	47836	8642		50	131121	198876
42567		1689	57017			141	101414	139026
2615	12416	4970	2699	819		79	23598	39384
						28	28	5467
20526	14775	14912	17512	330		381	68436	80082
2209	620						2829	7020
66263	9380		1018	5298		448	82407	272412
							0	3350
704034	168544	582389	489038	91185	11400	24476	2071066	3070264

TABLE A-7.1

INLAND FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	State/Union Territory	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)
1	Andhra Pradesh	429411	3379	9796
2	Arunachal Pradesh	674	479	772
3	Assam	85398	22460	1302
4	Bihar	125625	56404	5128
5	Chhattisgarh	89783	10018	
6	Delhi			
7	Goa			
8	Gujarat	16592	19	
9	Haryana	20196	7480	6358
10	Himachal Pradesh			6465
11	Jammu & Kashmir			
12	Jharkhand	15150	1100	1490
13	Karnataka	32485	2910	21657
14	Kerala	18219		6464
15	Madhya Pradesh	34434	2355	6374
16	Maharashtra	80286	11197	12978
17	Manipur	6005	1735	7560
18	Meghalaya	1288	330	1340
19	Mizoram			2700
20	Nagaland	4000		
21	Orissa	86821	8374	8621
22	Punjab	26469	14061	16408
23	Rajasthan	6745	2883	1180
24	Sikkim			45
25	Tamil Nadu	20396	675	31551
26	Tripura	12586	660	3057
27	Uttaranchal	2564		
28	Uttar Pradesh	254030		
29	West Bengal	652540	42100	140500
30	A & N Islands	100		
31	Chandigarh	46		38
32	Dadra & Nagar Haveli	45		
33	Daman & Diu			
34	Lakshadweep			
35	Puducherry	833	162	460
	INDIA	2022721	188781	292244

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

BY STATES / UNION TERRITORIES, 2003

(In tonnes)

Murrels (Ophiocep- halus spp.)	Catfishes (Wallago attu, Pan- gasius, bagarius)	Other fresh water fishes	Others	Total
8091	9285	31736	88003	579701
132	0	579		2636
1510	8650	46023	1550	166893
17947	2564	48712		256380
				99801
	2250			2250
			4100	4100
1384	2631	1817	16441	38884
801	2484	81		37400
				6465
10	100	150		18000
			19000	19000
1455	2890	7295	1344	70036
4531	4452		42513	76179
207	1381	207		44958
7380		14886	509	127236
375		925		16600
189	0	1782	370	5299
				2700
				4000
3126	9118	10156	36206	162422
11555	9588	5569		83650
	2267	1228		14303
		95		140
1234	30692	29143		113691
360	1317			17980
				2564
				254030
12300	16000	76740	47820	988000
				100
				84
				45
			30	30
				0
424	613	2101	257	4850
73011	106282	279225	258143	3220407

TABLE A-7.2

INLAND FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	State/Union Territory	Major Carps (Catla,Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)
1	Andhra Pradesh	385672	23236	67558
2	Arunachal Pradesh	2503	490	517
3	Assam	88078	17220	18710
4	Bihar	88584	43243	4840
5	Chhattisgarh	101127	16174	5552
6	Delhi	1110		
7	Goa	3		
8	Gujarat	29096	2063	
9	Haryana	42243	12640	5450
10	Himachal Pradesh	3972		
11	Jammu & Kashmir	3007	118	11536
12	Jharkhand	26375	860	1340
13	Karnataka	33678	4615	1124
14	Kerala	25643		
15	Madhya Pradesh	52998	7978	
16	Maharashtra	73034	16059	5520
17	Manipur	9678	5093	1591
18	Meghalaya	2576	783	972
19	Mizoram	3610		
20	Nagaland	2987	1392	413
21	Orissa	116999	36312	14358
22	Punjab	93598	22765	6347
23	Rajasthan	6166	3632	150
24	Sikkim	45		45
25	Tamil Nadu	20396	6675	31551
26	Tripura	19053	50	511
27	Uttaranchal	3711		
28	Uttar Pradesh	278770		
29	West Bengal	798608	71500	145500
30	A & N Islands	100		
31	Chandigarh	84		38
32	Dadra & Nagar Haveli	108		
33	Daman & Diu			
34	Lakshadweep			
35	Puducherry	1079	330	558
INDIA		2314691	293228	324181

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

BY STATES / UNION TERRITORIES, 2004

(In tonnes)

Murrels (Ophiocep- halus spp.)	Catfishes (Wallago attu, Pan- gasius, bagarius)	Other fresh water fishes	Others	Total
10592	10340	24165	77848	599411
	125	638		4273
900	4600	26340	3912	159760
16941	2420	25817		181845
			5553	128406
				1110
	219		4071	4293
2730	838	1324	26916	62967
905	2797			64035
		646		4618
		4439		19100
25	45	10		28655
2308	4615	1539	1300	49179
4170	4783		42867	77463
263	1777	128		63144
7271		8032	1081	110997
		84	5182	21628
133		1658	407	6529
		368		3978
25	98	440		5355
171	255	4930	19056	192081
10264	9868	2579	476	145897
	2869	1865		14682
		95		185
1234	27692	13764		101312
	141	83		19838
		256		3967
		27707	522	306999
5400	5000	42850	72612	1141470
				100
				122
				108
			55	55
				0
286	508	810	372	3943
63618	78990	190567	262230	3527505

TABLE A-7.3

INLAND FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	State/Union Territory	Major Carps (Catla,Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)
1	Andhra Pradesh	323523	91662	108504
2	Arunachal Pradesh	670	490	780
3	Assam	68318	28022	19075
4	Bihar	126693	56884	5171
5	Chhattisgarh	94182	12558	18836
6	Delhi	1185	0	0
7	Goa	0	0	0
8	Gujarat	24381	71	0
9	Haryana	27080	10030	8525
10	Himachal Pradesh	1169	40	1298
11	Jammu & Kashmir	3018	119	11543
12	Jharkhand	31613	812	2395
13	Karnataka	56656	4956	37771
14	Kerala	18327	0	6508
15	Madhya Pradesh	49630	3306	9200
16	Maharashtra	85178	6760	13520
17	Manipur	2663	1333	14196
18	Meghalaya	1754	299	1731
19	Mizoram	4082	0	0
20	Nagaland	2286	108	2786
21	Orissa	127767	9390	18979
22	Punjab	22500	13660	18086
23	Rajasthan	8106	3913	1369
24	Sikkim	0	0	60
25	Tamil Nadu	20396	94	31551
26	Tripura	15516	2387	3581
27	Uttaranchal	2572	0	0
28	Uttar Pradesh	289575	0	0
29	West Bengal	714032	45181	151728
30	A & N Islands	33	0	2
31	Chandigarh	84	0	38
32	Dadra & Nagar Haveli	45	63	0
33	Daman & Diu	0	0	0
34	Lakshadweep	0	0	0
35	Puducherry	579	195	374
INDIA		2121041	292333	487607

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

BY STATES / UNION TERRITORIES, 2005

(In tonnes)

Murrels (Ophiocep- halus spp.)	Catfishes (Wallago attu, Pan- gasius, bagarius)	Other fresh water fishes	Others	Total
12741	7177	10466	56310	610383
0	125	638	0	2703
11238	19182	45670	1240	192745
18100	2586	49126	0	258560
0	0	0		125576
0	210	0	2132	2342
0	0	0	0	1185
2808	6998	1487	27518	63263
1103	3412	0	0	50150
232	4555	0	0	7294
0	0	4470	0	19150
55	65	30	0	34970
2476	4956	12387	1398	120600
4177	4795	0	43673	77480
291	1973	298	0	64698
8112	0	20282	1352	135204
0	0	28		18220
111	0	1606	50	5551
0	0	0	0	4082
19	81	220	0	5500
2987	10647	12847	20071	202688
11159	10763	9474	0	85642
326	2600	2099	0	18413
0	0	90	0	150
177	30692	15085	115143	213138
0	1070	1317	0	23871
0	0	0	0	2572
0	0	0	0	289575
17004	20254	72183	69620	1090002
8	12	14	0	69
0	0	0	0	122
0	0	0	0	108
0	0	0	69	69
0	0	0	0	0
191	189	1980	364	3872
93315	132342	261797	338940	3727375

TABLE A-7.4

INLAND FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	State/Union Territory	Major Carps (Catla,Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)
1	Andhra Pradesh	323523	91662	108504
2	Arunachal Pradesh	980	590	975
3	Assam	66455	26935	18760
4	Bihar	118569	53236	4839
5	Chhattisgarh	96805	12907	19361
6	Delhi	1185	0	0
7	Goa	0	0	0
8	Gujarat	25109	213	0
9	Haryana	27080	10030	8525
10	Himachal Pradesh	6840	0	0
11	Jammu & Kashmir	3018	119	11543
12	Jharkhand	49809	1005	3040
13	Karnataka	56656	4956	37771
14	Kerala	19548	0	6995
15	Madhya Pradesh	49891	3324	9248
16	Maharashtra	83064	13580	11603
17	Manipur	2773	1379	14348
18	Meghalaya	1569	374	1469
19	Mizoram	4152	0	0
20	Nagaland	2286	108	2786
21	Orissa	133516	9812	19833
22	Punjab	21987	14179	17573
23	Rajasthan	8106	3913	1369
24	Sikkim	0	0	60
25	Tamil Nadu	21313	98	32971
26	Tripura	18612	2864	4296
27	Uttaranchal	3003	0	0
28	Uttar Pradesh	306728	0	0
29	West Bengal	714032	45181	151728
30	A & N Islands	37	0	1
31	Chandigarh	84	0	38
32	Dadra & Nagar Haveli	108	0	0
33	Daman & Diu	0	0	0
34	Lakshadweep	0	0	0
35	Puducherry	874	205	820
INDIA		2164709	296670	488456

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

BY STATES / UNION TERRITORIES, 2006

(In tonnes)

Murrels (Ophiocep- halus spp.)	Catfishes (Wallago attu, Pan- gasius, bagarius)	Other fresh water fishes	Others	Total
12741	7177	10466	56310	610383
0	225	0	0	2770
10720	18330	43980	950	186130
16939	2420	45977	0	241980
0	0	0	0	129073
0	0	0	0	1185
0	195	0	2248	2443
3659	7167	1350	35010	72508
1103	3412	0	0	50150
0	0	0	47	6887
0	0	4470	0	19150
70	95	61	0	54080
2476	4956	12387	1398	120600
4372	5024	0	16319	52258
293	1983	299	0	65038
7646	0	15427	527	131847
0	0	43	0	18543
124	0	1452	71	5059
0	0	0	0	4152
19	81	220	0	5500
3121	11126	13425	20973	211806
11679	11283	9996	0	86697
326	2600	2099	0	18413
0	0	90	0	150
185	32073	15763	120324	222727
0	1420	1442	0	28634
0	0	0	0	3003
0	0	0	0	306728
17004	20254	72183	69620	1090002
9	15	21	0	83
0	0	0	0	122
0	0	0	0	108
0	0	0	64	64
0	0	0	0	0
188	191	2632	556	5466
92674	130027	253783	324417	3750736

TABLE A-7.5

INLAND FISH LANDINGS BY SPECIES

(In tonnes)

S. No.	State/Union Territory	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)
1	Andhra Pradesh	446328	130207	76087
2	Arunachal Pradesh	1000	610	985
3	Assam	76785	29390	23360
4	Bihar	134719	60487	5498
5	Chhattisgarh	104529	13938	20906
6	Delhi	725	0	0
7	Goa	0	0	0
8	Gujarat	27442	0	0
9	Haryana	31575	11694	9941
10	Himachal Pradesh	7269	0	0
11	Jammu & Kashmir	3041	121	11593
12	Jharkhand	3091	0	0
13	Karnataka	63401	13733	42267
14	Kerala	19595	0	7012
15	Madhya Pradesh	49013	3264	9086
16	Maharashtra	85995	6825	14038
17	Manipur	3075	1280	14250
18	Meghalaya	1521	375	1027
19	Mizoram	2815	0	0
20	Nagaland	2494	120	2837
21	Orissa	143732	8682	21395
22	Punjab	26598	18081	11602
23	Rajasthan	9699	4110	1916
24	Sikkim	0	0	60
25	Tamil Nadu	21263	94	32947
26	Tripura	21340	3284	4924
27	Uttaranchal	59460	2100	6040
28	Uttar Pradesh	333798	0	0
29	West Bengal	780879	50453	166285
30	A & N Islands	55	0	1
31	Chandigarh	84	0	38
32	Dadra & Nagar Haveli	108	0	0
33	Daman & Diu	0	0	0
34	Lakshadweep	0	0	0
35	Puducherry	940	343	790
INDIA		2462369	359191	484885

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

BY STATES / UNION TERRITORIES, 2007

(In tonnes)

Murrels (Ophiocep- halus spp.)	Catfishes (Wallago attu, Pan- gasius, bagarius)	Other fresh water fishes	Others	Total
11861	12860	19922	104917	802182
0	235	0	0	2830
10080	17620	44397	650	202282
19246	2750	52240	0	274940
0	0	0	0	139373
0	0	0	0	725
0	111	0	1889	2000
2235	6222	1068	32667	69634
1286	3976	0	0	58472
0	0	0	67	7336
0	0	4495	0	19250
0	0	0	0	3091
1825	3650	9126	0	134002
4383	5036	0	16493	52519
287	1949	294	0	63893
7903	0	20467	1404	136632
0	0	45	0	18650
95	99	841	23	3981
0	0	0	0	2815
24	95	230	0	5800
4382	11482	14292	21374	225339
14676	1289	6488	0	78734
400	3500	2875	0	22500
0	0	85	0	145
177	31920	15085	120324	221810
0	1314	1968	0	32830
75	90	125	0	67890
0	0	0	0	333798
18420	21360	73488	70120	1181005
12	23	33	0	124
0	0	0	0	122
0	0	0	0	108
0	0	0	79	79
0	0	0	0	0
194	219	2289	894	5669
97561	125800	269853	370901	4170560

TABLE A-8 PRAWN PRODUCTION IN INDIA : STATES / UNION TERRITORIES - 1992-2007

Year	VARIETY	A.P	Goa	Gujarat	Karna taka	Kerala	Maha-rashtra	Orissa	Tamil Nadu	West Bengal	A & N Islands	Daman & Diu	Pondi-cherry	Total for INDIA
1993	P	21,301	3,750	54,961	5,635	60,318	36,159	6,409	14,448	17,931	240	41	2,307	223,500
	NP	11,891	--	--	--	276	67,556	1,577	5,946	--	61	61	1,797	89,104
1994	T	33,192	3,750	54,961	5,635	60,594	103,715	7,986	20,394	17,931	240	102	4,104	312,604
	P	7,032	4,355	56,423	6,800	71,871	45,589	2,894	14,788	7,670	282	316	2,774	220,495
	NP	5,246	--	--	--	103	67,428	2,718	7,038	6,900	--	126	1,990	91,549
1995	T	12,278	4,355	56,423	6,500	71,974	113,017	5,612	21,827	14,570	282	442	4,764	312,044
	P	7,032	5,193	47,140	8,367	43,224	35,778	3,167	13,055	9,735	269	326	3,272	176,289
	NP	5,246	--	--	--	182	62,676	5,767	7,585	3,245	174	187	1,872	87,016
1996	T	12,278	5,193	47,140	8,367	43,406	99,454	8,934	20,640	12,980	269	500	5,144	263,305
	P	11,403	4,585	--	6,771	46,143	54,532	3,861	19,991	10,700	311	311	1,991	140,593
	NP	1,326	--	--	--	136	89,519	3,316	7,165	3,510	250	103	869	118,494
1997	T	21,644	4,585	0	6,771	46,279	144,051	6,897	11,126	14,210	250	414	2,860	259,087
	P	7,392	4,174	--	6,621	56,131	39,588	4,853	13,715	10,765	405	188	1,070	146,111
	NP	10,112	--	--	--	431	65,974	5,307	5,391	3,735	405	188	1,070	92,613
1998	T	17,504	4,174	0	6,521	56,562	105,562	10,160	19,106	14,500	405	396	3,834	238,724
	P	11,403	2,651	4,699	7,331	73,317	36,395	3,884	11,319	13,179	261	300	2,615	158,373
	NP	8,424	--	--	--	520	82,219	4,650	5,483	3,946	601	227	1,116	107,186
1999	T	19,009	2,651	5,062	4,699	73,317	118,614	8,534	17,273	15,265	601	527	3,731	265,559
	P	19,009	2,651	5,062	4,699	73,317	36,325	6,552	18,043	11,387	601	215	2,615	225,440
	NP	7,719	--	--	4,699	82,219	82,219	3,345	5,125	3,950	601	290	1,116	104,885
2000	T	26,728	2,651	5,062	4,699	73,317	118,614	9,897	23,168	15,337	601	595	3,731	330,325
	P	17,162	2,284	5,396	2,913	56,275	28,206	5,938	20,257	11,760	298	196	3,316	204,588
	NP	8,181	2,284	5,396	8,951	10,892	70,051	1,925	4,594	5,900	305	395	1,177	112,119
2001	T	25,343	2,284	5,396	11,864	69,167	98,257	7,863	24,851	17,660	351	591	4,493	316,707
	P	16,450	2,483	4,877	2,248	49,151	38,664	5,938	21,079	17,000	434	135	3,312	195,357
	NP	7,729	--	--	6,496	36,15	7,887	1,925	4,671	6,000	100	379	1,080	106,790
2002	T	24,179	2,483	4,877	8,744	52,766	109,529	7,663	25,750	17,000	534	514	3,312	302,147
	P	11,600	2,284	4,279	15,251	53,490	45,442	5,715	21,079	12,730	418	89	3,430	167,798
	NP	10,61	--	--	3,18	3,342	5,696	2,771	4,671	6,110	71	302	1,560	119,965
2003	T	22,21	2,284	4,950	15,569	56,832	102,407	8,486	25,750	18,840	489	391	4,990	287,763
	P	11,600	2,284	4,633	10,826	53,437	45,442	5,715	21,079	13,050	560	46	2,398	202,327
	NP	10,61	--	--	4,64	3,364	5,696	2,771	4,671	7,950	128	120	1,76	87,722
2004	T	21,507	2,284	5,548	11,290	56,801	102,407	8,486	25,750	21,000	688	172	3,470	290,049
	P	12,185	7,703	9,302	11,841	57,252	31,537	12,451	21,079	23,780	560	33	2,348	199,393
	NP	12,185	7,703	9,302	11,841	57,252	31,537	12,451	21,079	23,780	560	33	2,348	199,393
2005	T	33,892	7,703	6,205	11,841	69,907	100,171	15,080	25,750	43,780	688	122	3,783	375,122
	P	16,889	11,472	8,819	11,700	54,418	47,039	2,208	42,095	52,000	128	120	1,76	266,943
	NP	4,680	--	--	1,412	11,715	6,649	2,186	7,913	27,100	48	167	1,779	177,979
2006	T	21,569	11,472	6,258	13,112	66,133	115,537	24,273	50,008	79,100	176	287	545	444,740
	P	22,160	10,250	18,449	7,500	58,008	42,519	25,546	44,454	52,001	407	103	79	281,476
	NP	9,384	0	5,821	3,51	11,590	51,801	3,011	8,137	27,967	158	107	255	171,428
2007	T	31,994	10,250	7,666	7,851	69,598	94,320	28,557	29,968	79,968	565	210	334	452,904
	P	24,987	9,545	19,088	8,251	56,619	44,532	24,851	21,701	54,044	412	103	1674	266,627
	NP	11,745	9,545	54,960	549	11,582	53,869	2,813	7,879	32,851	173	107	609	177,157
2007(P)	T	36,732	9,545	74,068	8,800	67,201	99,221	27,664	29,590	86,895	585	210	2,283	442,784

Source : Director/Commissioner of Fisheries, State Govt. / UTs Administration
P - Penaeid NP - Non-Penaeid

TABLE A-9 DISPOSITION OF FISH CATCH - INDIA, 1977-2007(P)

Year	Marketing fresh	Frozen	Curing	Canning	Reduction	Offal for reduction	Miscellaneous	Unspecified	Others	Total
1977	1,517.60	159.60	497.00	4.90	91.60	9.70	31.50	0.00	0.00	2311.90
1978	1,504.80	146.70	497.40	4.50	100.70	19.80	32.20	0.00	0.00	2306.10
1979	1,510.60	151.60	512.70	4.30	120.00	7.10	33.30	0.00	0.00	2339.60
1980	1,591.60	144.60	512.90	5.20	125.50	14.00	48.40	0.00	0.00	2442.20
1981	1,668.00	118.10	441.70	5.50	162.00	21.40	27.20	0.00	0.00	2443.90
1982	1,701.20	130.20	358.00	5.70	126.10	18.30	27.60	0.00	0.00	2367.10
1983	1,784.60	145.00	423.90	7.30	110.60	12.90	22.40	0.00	0.00	2506.70
1984	1,978.90	207.00	424.10	13.60	194.80	9.40	34.30	0.00	0.00	2862.10
1985	1,843.30	196.40	562.20	9.80	170.00	14.00	28.60	0.00	0.00	2824.30
1986	1,964.00	209.70	460.40	12.10	158.30	11.50	105.80	0.00	0.00	2921.80
1987	1,968.30	179.00	526.40	4.90	190.60	18.40	19.00	0.00	0.00	2906.60
1988	2,075.10	233.70	529.00	20.60	174.60	24.20	25.20	0.00	0.00	3082.40
1989	2,301.40	261.20	590.90	28.70	315.20	25.10	62.00	0.00	0.00	3584.50
1990	2,497.20	285.70	598.80	29.30	322.30	34.80	63.40	0.00	0.00	3831.50
1991	2,706.00	285.90	613.80	30.10	333.40	47.70	47.10	0.00	0.00	4044.00
1992	2,798.40	284.80	590.20	25.90	355.80	70.60	47.40	0.00	0.00	4173.10
1993	3,105.20	309.50	644.50	9.80	372.80	16.30	87.60	0.00	0.00	4545.70
1994	3,250.60	310.40	651.90	12.20	397.30	39.30	74.30	0.00	0.00	4736.00
1995	3,427.00	320.60	632.50	13.20	358.20	38.70	40.60	0.00	0.00	4830.80
1996	3,784.10	392.70	639.20	11.00	313.20	22.60	39.40	0.00	0.00	5202.20
1997	3,874.70	421.90	602.30	14.10	345.50	18.00	102.80	0.00	0.00	5379.30
1998	3,866.60	390.70	568.50	12.00	303.70	19.50	83.30	0.00	0.00	5244.30
1999	4,206.07	284.21	421.60	17.39	296.53	53.50	9.38	70.70	29.67	5389.05
2000	4,287.83	276.60	339.91	50.03	317.91	1.32	34.58	69.35	236.31	5613.84
2001	4,777.14	264.88	346.00	53.17	308.27	16.16	43.85	72.68	47.90	5930.05
2002	4,789.52	332.68	388.69	23.07	265.96	42.86	1.40	16.06	16.74	5876.98
2003	4,828.36	307.39	363.60	36.36	277.87	40.81	1.63	12.99	17.38	5885.75
2004	5,282.50	386.27	330.50	45.03	269.90	9.96	33.38	16.31	17.38	6391.23
2005	5,468.23	390.23	330.27	24.69	284.55	34.88	1.58	17.07	26.04	6577.54
2006	5,559.60	396.12	344.76	24.29	295.37	36.24	1.51	14.83	15.03	6687.75
2007(P)	6,037.80	424.26	367.50	25.51	334.45	14.65	1.78	16.74	15.91	7238.60

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

TABLE A-10 DISPOSITION OF FISH CATCH - INDIA, 1977-2007(P) (PERCENTAGE DISTRIBUTION)

Year	Marketing fresh	Frozen	Curing	Canning	Reduction	Offal for reduction	Miscellaneous	Unspecified	Others	Total
1977	65.64	6.90	21.50	0.21	3.96	0.42	1.36			100.00
1978	65.25	6.36	21.57	0.20	4.37	0.86	1.40			100.00
1979	64.57	6.48	21.91	0.18	5.13	0.30	1.42			100.00
1980	65.17	5.92	21.00	0.21	5.14	0.57	1.98			100.00
1981	68.25	4.83	18.07	0.23	6.63	0.88	1.11			100.00
1982	71.87	5.50	15.12	0.24	5.33	0.77	1.17			100.00
1983	71.19	5.78	16.91	0.29	4.41	0.51	0.89			100.00
1984	69.14	7.23	14.82	0.48	6.81	0.33	1.20			100.00
1985	65.27	6.95	19.91	0.35	6.02	0.50	1.01			100.00
1986	67.22	7.18	15.76	0.41	5.42	0.39	3.62			100.00
1987	67.72	6.16	18.11	0.17	6.56	0.63	0.65			100.00
1988	67.32	7.58	17.16	0.67	5.66	0.79	0.82			100.00
1989	64.20	7.29	16.48	0.80	8.79	0.70	1.73			100.00
1990	65.18	7.46	15.63	0.76	8.41	0.91	1.65			100.00
1991	66.91	6.58	15.18	0.74	8.24	1.18	1.16			100.00
1992	67.06	6.82	14.14	0.62	8.53	1.69	1.14			100.00
1993	68.31	6.81	14.18	0.22	8.20	0.36	1.93			100.00
1994	68.64	6.55	13.76	0.26	8.39	0.83	1.57			100.00
1995	70.94	6.64	13.09	0.27	7.41	0.80	0.84			100.00
1996	72.74	7.55	12.29	0.21	6.02	0.43	0.76			100.00
1997	72.03	7.84	11.20	0.26	6.42	0.33	1.91			100.00
1998	73.73	7.45	10.84	0.23	5.79	0.37	1.59			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(p)	83.42	5.86	5.08	0.35	4.62	0.20	0.02	0.23	0.21	100.00

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

TABLE A-11.1 DISPOSITION OF FISH CATCH BY STATES / UNION TERRITORIES, 2003

S. No.	State/Union Territory	Marketing	Freezing	Curing	Canning	Reduction	Offal for reduction	Misc. Purposes	Unspecified	Others	Total
1	Andhra Pradesh	522001	19155	24002		3430	14431		340	14620	597979
2	Arunachal Pradesh	2511					125				2636
3	Assam	166893									166893
4	Bihar	253816						1461	1103		256380
5	Chhattisgarh	99801									99801
6	Delhi	2250									2250
7	Goa	51075	NA	2242	6799	NA	4280				64396
8	Gujarat	196440	154841	127200		201540		7480			680021
9	Haryana	29920									37400
10	Himachal Pradesh	6465									6465
11	Jammu & Kashmir										0
12	Jharkhand	18000									18000
13	Karnataka	154756	26514	30151	29259	468	14405	141	1346		257040
14	Kerala	695607			7						695614
15	Madhya Pradesh	44958									44958
16	Maharashtra	403640		108905		27236					539781
17	Manipur	12310		4290							16600
18	Meghalaya	5285					14				5299
19	Mizoram	2650									2650
20	Nagaland	4000									4000
21	Orissa	210551	15206	37815	25						263597
22	Punjab	83650									83650
23	Rajasthan	14303									14303
24	Sikkim	140									140
25	Tamil Nadu	421149	54676	6936			470		2675	2115	487551
26	Tripura	17081		429							17980
27	Uttaranchal	2564									2564
28	Uttar Pradesh	254030									254030
29	West Bengal	1086000	28800	5000		45200	4500				1169500
30	A & N Islands	19913	7559	3163							30635
31	Chandigarh	84									84
32	Dadra & Nagar Haveli	10265							45		45
33	Daman & Diu	2653	130	5489	274		1985	28			12278
34	Lakshadweep	33600	516	7980			602				9149
35	Puducherry	4828361	307397	363602	36364	277874	40812	1630	12989	16735	5885765
	INDIA										

(In tonnes)

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

TABLE A-11.2 DISPOSITION OF FISH CATCH BY STATES / UNION TERRITORIES, 2004

S. No.	State/Union Territory	Marketing	Freezing	Curing	Canning	Reduction	Offal for reduction	(In tonnes)			Total
								Misc. Purposes	Unspecified	Others	
1	Andhra Pradesh	732222	101060	9945		521	8180			221	852149
2	Arunachal Pradesh	4123						150			4273
3	Assam	146646								13114	159760
4	Bihar	179425					1750	670			181845
5	Chhattisgarh	128406									128406
6	Delhi		1110								1110
7	Goa	75383		2525	4180				4290	1671	88049
8	Gujarat	207434	146032	119007		191099					663572
9	Haryana	32907							22902	8226	64035
10	Himachal Pradesh	4618									4618
11	Jammu & Kashmir			19078		22					19100
12	Jharkhand	28655									28655
13	Karnataka	133368	30146	34556	21503	176	10		856	170	220775
14	Kerala	666532									666542
15	Madhya Pradesh	63144									63144
16	Maharashtra	395579		110313		27578					533470
17	Manipur	21188		165				70	150	55	21628
18	Meghalaya	6509						20			6529
19	Mizoram	3978									3978
20	Nagaland	4522		800						33	5355
21	Orissa	254717	15083	24448							294248
22	Punjab	145897									145897
23	Rajasthan	14682									14682
24	Sikkim	185									185
25	Tamil Nadu	399702	54676	6936				1554	2675	2115	466104
26	Tripura	18284									19838
27	Uttaranchal	3967									3967
28	Uttar Pradesh	306999									306999
29	West Bengal	1229970	30000	5000		50500		5500			1320970
30	A & N Islands	20014	7559	3163							30736
31	Chandigarh	122									122
32	Dadra & Nagar Haveli									108	108
33	Daman & Diu	11324					26	1910			13260
34	Lakshadweep	2653	130	5489	274			602			9148
35	Puducherry	39345	475	8156							47976
	INDIA	5282500	386271	330503	45035	269906	9956	33378	16305	17379	6391233

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

TABLE A-11.3 DISPOSITION OF FISH CATCH BY STATES / UNION TERRITORIES, 2005

S. No.	State/Union Territory	Marketing	Freezing	Curing	Canning	Reduction	Offal for reduction	(In tonnes)			Total
								Misc. Purposes	Unspecified	Others	
1	Andhra Pradesh	660163	98322	5545		870	22127			41	787068
2	Arunachal Pradesh	2573					130				2703
3	Assam	179245								13500	192745
4	Bihar	25974						1472	1114		258560
5	Chhattisgarh	125576									125576
6	Delhi	1185									1185
7	Goa	92982		3190	5193				2000	2068	105433
8	Gujarat	224312	158711	129331		207750			10030		720104
9	Haryana	40120									50150
10	Himachal Pradesh	7294									7294
11	Jammu & Kashmir	19125	25								19150
12	Jharkhand	34970									34970
13	Karnataka	209835	28098	30205	19437		690		1050	8259	297574
14	Kerala	634553									634564
15	Madhya Pradesh	64698									64698
16	Maharashtra	427700		117571		25437					570708
17	Manipur	17780		165			70		150	55	18220
18	Meghalaya	5499					52				5551
19	Mizoram	4082									4082
20	Nagaland	4895		568					37		5500
21	Orissa	284755	15883	24498							325136
22	Punjab	85642									85642
23	Rajasthan	18413									18413
24	Sikkim	150									150
25	Tamil Nadu	545553	54676	6936					2675	2115	611955
26	Tripura	21573					2298				23871
27	Uttaranchal	2572									2572
28	Uttar Pradesh	289575									289575
29	West Bengal	1162502	32000			50500					1250002
30	A & N Islands	5682	2159	863							8704
31	Chandigarh	122									122
32	Dadra & Nagar Haveli									108	108
33	Daman & Diu	12474					2629			12	15115
34	Lakshadweep	2310	80	6690	65		1890				11035
35	Puducherry	24351	275	4712						1	29339
	INDIA	5468235	390229	330274	24706	284557	34886	1580	17068	26039	6577574

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

TABLE A-11.4

DISPOSITION OF FISH CATCH BY STATES / UNION TERRITORIES, 2006

(In tonnes)

S. No.	State/Union Territory	Marketing	Freezing	Curing	Canning	Reduction	Offal for reduction	Misc. Purposes	Unspecified	Others	Total
1	Andhra Pradesh	660163	98322	5545		870	22127			41	787068
2	Arunachal Pradesh	2600					170				2770
3	Assam	183480								2650	186130
4	Bihar	239560						1378	1042		241980
5	Chhattisgarh	129073									129073
6	Delhi	1185									1185
7	Goa	89094		2890	4816					1969	98769
8	Gujarat	230387	163009	132833		213376			10030		739605
9	Haryana	40120									50150
10	Himachal Pradesh	6839	48								6887
11	Jammu & Kashmir	19125	25								19150
12	Jharkhand	54080									54080
13	Karnataka	209835	28098	30205	19437		690		1050	8259	297574
14	Kerala	634553			10						634563
15	Madhya Pradesh	65038				30630					65038
16	Maharashtra	464658		122520							617808
17	Manipur	17069		1474							18543
18	Meghalaya	509				50					5059
19	Mizoram	4152									4152
20	Nagaland	4895		568					37		5500
21	Orissa	284755	15883	24498							325136
22	Punjab	86697									86697
23	Rajasthan	18413									18413
24	Sikkim	150									150
25	Tamil Nadu	545553	54676	6936			2900		2675	2115	611955
26	Tripura	25734									28634
27	Uttaranchal	3003									3003
28	Uttar Pradesh	306728									306728
29	West Bengal	1162502	32000			50500					1250002
30	A & N Islands	15745	3615	4819							24179
31	Chandigarh	122									122
32	Dadra & Nagar Haveli							108			108
33	Daman & Diu	13814					2836	23			16673
34	Lakshadweep	2200	90	6950	40		2471				11751
35	Puducherry	33265	350	5518						1	39134
	INDIA	5559596	396116	344756	24303	295376	36244	1509	14834	15035	6687769

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

TABLE A-11.5

DISPOSITION OF FISH CATCH BY STATES / UNION TERRITORIES, 2007

(In tonnes)

S. No.	State/Union Territory	Marketing	Freezing	Curing	Canning	Reduction	Offal for reduction	Misc. Purposes	Unspecified	Others	Total
1	Andhra Pradesh	918108	110278	6437		20442				32	1055297
2	Arunachal Pradesh	2600					230				2830
3	Assam	199207								3075	202282
4	Bihar	272190						1566	1184		274940
5	Chhattisgarh	139373									139373
6	Delhi	725									725
7	Goa	84066		2736	4559					1824	93185
8	Gujarat	240997	170516	138950		223205					773668
9	Haryana	46778							11694		58472
10	Himachal Pradesh	7269	67								7336
11	Jammu & Kashmir	19221	29								19250
12	Jharkhand	67890									67890
13	Karnataka	208390	30153	32414	20859		740		1127	8863	302546
14	Kerala	660916			2						660918
15	Madhya Pradesh	63893									63893
16	Maharashtra	438186		122572		30643					591401
17	Manipur	17584		1066							18650
18	Meghalaya	3945					36				3981
19	Mizoram	2815									2815
20	Nagaland	5114		622					64		5800
21	Orissa	292242	17860	37815	25						347942
22	Punjab	78734									78734
23	Rajasthan	22500									22500
24	Sikkim	145									145
25	Tamil Nadu	545553	54676	6936					2675	2115	611955
26	Tripura	29550					3280				32830
27	Uttaranchal	3091									3091
28	Uttar Pradesh	333798									333798
29	West Bengal	1257628	36016			60159	5300				1359103
30	A & N Islands	18327	4201	5601							28129
31	Chandigarh	122									122
32	Dadra & Nagar Haveli							108			108
33	Daman & Diu	20639					3808	108			24555
34	Lakshadweep	2950	110	7010	70		1260				11400
35	Puducherry	33250	350	5340						1	38941
	INDIA	6037796	424256	367499	25515	334449	14654	1782	16744	15910	7238605

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

TABLE A-12.1

(In tonnes)

S. No.	State/Union Territory	Tuna Frozen	Marine Fish Frozen	Fish Dried Unsalted	Fish Dried & Prawn Salted or smoked	Shark fins, Dried, Salted etc.	Crab Meat Frozen	Frozen Whole cooked Lobster	Frozen Lobster tails	Shrimp & Prawn Frozen	Freeze Dried Shrimp / Shrimp	Dried Prawn / Shrimp	Frozen Cuttlefish fillets
		1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh			5235	4555	287				8945		2850	
2	Assam			780									
3	Bihar				1462								
4	Chhattisgarh			2160									
5	Goa												
6	Gujarat		95326	187924	135736			4114					
7	Haryana				7480								
8	Karnataka	490	20025	3716	14526			8439					16865
9	Kerala		76715					27496				92	2563
10	Maharashtra		91457	10003	5185		12869					11154	
11	Manipur												
12	Orissa		720	11808	8310	51		9729				141	359
13	Tamil Nadu		1996		2675			48063					2021
14	West Bengal		2200	45200		10		25100					380
15	A & N Islands		7506	1608	1394	161		54					
16	Daman & Diu												
17	Lakshadweep				1097	7							
18	Puducherry		75	4217	8000						10		
	INDIA	490	296020	270491	190420	455	61	12869	48063	83877	10	14237	22188

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

TABLE A-12.1

(In tonnes)

S. No.	State/Union Territory	Frozen Squids	Dried squids	Canned Fish	Canned Shrimp/ Prawn	Fish body oil	Fish meals soluble or similar feedings	Pomfret Frozen	Tunas frozen	Mackerels frozen	Fish, salted & dried	Miscellaneous	Total
		13	14	15	16	17	18	19	20	21	22	23	24
1	Andhra Pradesh							1215		1170	11342	15006	50605
2	Assam												780
3	Bihar										3847		5309
4	Chhattisgarh												2160
5	Goa												0
6	Gujarat									10005			433105
7	Haryana												7480
8	Karnataka	10440		28505		20	44	1333	673	4039	14524		106774
9	Kerala	11903											133071
10	Maharashtra	6408											139639
11	Manipur												0
12	Orissa				17			442					31577
13	Tamil Nadu	2596										2115	59466
14	West Bengal							1050		5000		4560	83500
15	A & N Islands												10723
16	Daman & Diu												0
17	Lakshadweep			30									1134.08
18	Puducherry												12302
	INDIA	31347		28535	17	20	44	4040	673	5209	30866	35533	1075465

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

TABLE A-12.2

S. No.	State/ Union Territory	(In tonnes)											
		Tuna Frozen	Marine Fish Frozen	Fish Dried Unsalted	Fish Dried & Salted or smoked	Fish Shark fins, Dried, Salted etc.	Crab Meat Frozen	Frozen Whole cooked Lobster	Frozen Lobster tails	Shrimp & Prawn Frozen	Freeze Dried Shrimp / Shrimp	Dried Prawn / Shrimp	Frozen Cuttlefish fillets
		1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	600	500	20272	23236	644	1269			45160	1250	92	
2	Assam			889									
3	Bihar				1380								
4	Chhattisgarh			812									
5	Goa				6705								
6	Gujarat		113130	188786	116335				5232				
7	Haryana				8226								
8	J & K			453	140								
9	Karnataka		28000	13000					10500				19714
10	Kerala		77840						27103		90	10309	2625
11	Maharashtra		96861	21473	7769		21266						
12	Manipur			15	35								
13	Orissa		1380	11645	5404		370		14469		565	445	
14	Tamil Nadu		1996		2675			48063				2021	
15	Tripura				503								
16	West Bengal		2709	6700		15			13585			1202	
17	A & N Islands		7506	1608	1394	161			54				
18	Daman & Diu			120	25								
19	Lakshadweep				1097	7							
20	Puducherry		125	4918	10000					25			
	INDIA	600	330047	270691	184924	827	1639	21266	48063	116103	1275	11056	26007

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

TABLE A-12.2

S. No.	State/ Union Territory	(In tonnes)											
		Frozen Squids	Dried squids	Canned Fish	Canned Shrimp/ Prawn	Fish body oil	Fish meals soluble or similar feedings	Pomfret Frozen	Tunas frozen	Mackerels frozen	Fish,salted & dried	Miscell- aneous	Total
		13	14	15	16	17	18	19	20	21	22	23	24
1	Andhra Pradesh												
2	Assam					7	115	1023	75	175	6346	290	101054
3	Bihar											3631	889
4	Chhattisgarh												5011
5	Goa											1671	812
6	Gujarat											47892	8376
7	Haryana												471375
8	J & K												8226
9	Karnataka	9250		27000				800	2500	2250	14900		593
10	Kerala		9270										108200
11	Maharashtra	6563											134017
12	Manipur												166866
13	Orissa							89					165
14	Tamil Nadu	2596											34407
15	Tripura												59466
16	West Bengal												503
17	A & N Islands												25319
18	Daman & Diu												10723
19	Lakshadweep			30									145
20	Puducherry												1134
	INDIA	18409	9270	27030	0	7	115	1912	2575	2425	21246	56862	1152349

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

TABLE A-12.3

S. No.	State/Union Territory	(In tonnes)											
		Tuna Frozen	Marine Fish Frozen	Fish Dried Unsalted	Fish Dried & Prawn Salted or smoked	Shark fins, Dried, Salted etc.	Crab Meat Frozen	Frozen Whole cooked Lobster	Frozen Lobster tails	Shrimp & Prawn Frozen	Freeze Dried Shrimp	Dried Prawn / Shrimp	Frozen Cuttlefish fillets
		1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	800	700	22636	19512	556	1387	40	42991	1250	105		
2	Assam			704									
3	Bihar				1752								
4	Chhattisgarh			920									
5	Goa				8241								
6	Gujarat		123749	206445	127230			5714					
7	Haryana				10030								
8	J & K			462	142								
9	Karnataka		3000		11840			10900					7300
10	Kerala		69759	14700	44454			61150		923			
11	Maharashtra		93645	21225	7580		21050	10290					2590
12	Manipur			15	35								
13	Orissa		1380	11645	5404		370	14469		565			445
14	Tamil Nadu		1996		2675			48063					2596
15	Tripura			710									
16	West Bengal		2700	7000		20		13590					200
17	A & N Islands		2695	151	32	5		25					
18	Daman & Diu			60									
19	Lakshadweep				13	1345	10						
20	Puducherry		105	4000	4810								
	INDIA	800	299029	267117	224238	1370	21420	48063	105848	10290	1488	13131	

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

TABLE A-12.3

S. No.	State/Union Territory	(In tonnes)											
		Frozen Squids	Dried squids	Canned Fish	Canned Shrimp/ Prawn	Fish body oil	Fish meals soluble or similar feedings	Pomfret Frozen	Tunas frozen	Mackerels frozen	Fish,salted & dried	Miscell-aneous	Total
		13	14	15	16	17	18	19	20	21	22	23	24
1	Andhra Pradesh					4	113	1046	50	165	6728	240	98323
2	Assam												704
3	Bihar											4609	6361
4	Chhattisgarh												920
5	Goa											2068	10309
6	Gujarat											52350	515488
7	Haryana												10030
8	J & K												604
9	Karnataka			19450				700	4100	2000	15400		74690
10	Kerala											442515	633501
11	Maharashtra	6459											162839
12	Manipur											115	165
13	Orissa							89				40	34407
14	Tamil Nadu											2115	57445
15	Tripura												710
16	West Bengal	5				30				27	50	1100	24615
17	A & N Islands												3015
18	Daman & Diu												60
19	Lakshadweep											10	1416
20	Puducherry												8915
	INDIA	6464		19488	0	34	113	1835	4150	2192	22178	505162	1554420

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

TABLE A-12.4

PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2006

S. No.	State/Union Territory	Tuna Frozen	Marine Fish Frozen	Fish Dried Unsalted	Fish Dried & Salted or smoked	Shark fins, Dried, Salted etc.	Crab Meat Frozen	Frozen Whole cooked Lobster	Frozen Lobster tails	Shrimp & Prawn Frozen	Freeze Dried Shrimp	(In tonnes)	
												Dried Prawn / Shrimp	Frozen Cuttlefish fillets
		1	2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	800	700	22636	19512	556	1387	40	42991	1250	105		
2	Assam			530	1639								
3	Bihar				920								
4	Chhattisgarh				7706								
5	Goa				129217								
6	Gujarat		125748	209602	10030				5804				
7	Haryana				142								
8	J & K			462	11840								
9	Karnataka		3000		46496				10900				
10	Kerala		73809	15734	9569				63775		854		
11	Maharashtra		101514	26411	52		20480			6774			2753
12	Manipur			225	5404								
13	Orissa		1380	11645	2675		370		14469		565		445
14	Tamil Nadu		1996					48063					2596
15	Tripura			870									
16	West Bengal		2700	7000		20			13590				200
17	A & N Islands	103	7075	422	106	6			152				
18	Daman & Diu			37									
19	Lakshadweep				10	1385	12						
20	Puducherry		100	4445	5555								
	INDIA	903	317322	277383	230441	1411	12	20850	48063	108690	6774	1419	5994

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

TABLE A-12.4

PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2006

S. No.	State/Union Territory	Frozen Squids	Dried squids	Canned Fish	Canned Shrimp/ Prawn	Fish body oil	Fish meals soluble or similar feedings	Pomfret Frozen	Tunas frozen	Mackerels frozen	Fish,salted & dried	(In tonnes)	
												Miscell-aneous	Total
		13	14	15	16	17	18	19	20	21	22	23	24
1	Andhra Pradesh					4	113	1046	50	165	6728	240	98323
2	Assam												530
3	Bihar											4313	5952
4	Chhattisgarh												920
5	Goa										1926		9632
6	Gujarat										53234		523605
7	Haryana												10030
8	J & K												604
9	Karnataka	7300		19450				700	4100	2000	15400		74690
10	Kerala											477035	677703
11	Maharashtra		6883										174384
12	Manipur											125	402
13	Orissa							89				40	34407
14	Tamil Nadu											2115	57445
15	Tripura												870
16	West Bengal		5			100						1100	24615
17	A & N Islands								100		350	20	8434
18	Daman & Diu				5						11		53
19	Lakshadweep											14	1461
20	Puducherry												10100
	INDIA	7300	6888	19490	5	104	113	1835	4150	2265	22489	540162	1624063

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

TABLE A-12.5

PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2007(P)

S. No.	State/ Union Territory	Tuna Frozen	Marine Fish Frozen	Fish Dried Unsalted	Fish Dried & Salted or smoked	Shark fins, Dried, Salted etc.	Crab Meat Frozen	Frozen Whole cooked Lobster	Frozen Lobster tails	Shrimp & Prawn Frozen	Freeze Dried Shrimp	Dried Prawn / Shrimp	(In tonnes)	
													Frozen Cuttlefish	Frozen fillets
		1	2	3	4	5	6	7	8	9	10	11	12	
1	Andhra Pradesh		2290	26487	38135	129	1292	1	50	20212	30	1862		
2	Assam			615										
3	Bihar				1862									
4	Chhattisgarh			1350										
5	Goa				7294					6125				
6	Gujarat		132640	221277	136371									
7	Haryana				11694									
8	J & K			485	145									
9	Karnataka		1000		11215					11468				
10	Kerala		73279	15428	46692					63314		950		
11	Maharashtra		94412	24081	8725		22809			6970			3502	
12	Manipur			35	69									
13	Orissa		720	11808	8310		51		48063	9729		141	359	
14	Tamil Nadu		1996		2675								2596	
15	Tripura			904										
16	West Bengal		3700	8078		23				15579			362	
17	A & N Islands		103	7075	422	106			20	152				
18	Daman & Diu			60								3		
19	Lakshadweep				9	1350	14							
20	Puducherry		110	4650	5900									
	INDIA	0	307960	294496	241383	1479	14	22860	48083	106367	6970	1094	6819	

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

TABLE A-12.5

PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2007(P)

S. No.	State/ Union Territory	Frozen Squids	Dried squids	Canned Fish	Canned Shrimp/ Prawn	Fish body oil	Fish meals soluble or similar feedings	Pomfret Frozen	Tunas frozen	Mackerels frozen	Fish,salted & dried	(In tonnes)	
												Miscell-aneous	Total
		13	14	15	16	17	18	19	20	21	22	23	24
1	Andhra Pradesh		8		4055	5	0	1194	62	40	9258	5166	110278
2	Assam												615
3	Bihar											4900	6762
4	Chhattisgarh												1350
5	Goa											1824	9118
6	Gujarat											56111	552524
7	Haryana												11694
8	J & K												630
9	Karnataka	0	14036	19991				472	926	1200	16103		76411
10	Kerala											467664	667327
11	Maharashtra		8756										169255
12	Manipur											135	239
13	Orissa			17				442					31577
14	Tamil Nadu											2115	57445
15	Tripura												904
16	West Bengal		10									700	28452
17	A & N Islands			100					100		350	6	8434
18	Daman & Diu										2		65
19	Lakshadweep			70								12	1455
20	Puducherry												10660
	INDIA	2	22810	20078	4055	105	0	2108	988	1340	25713	538633	1653357

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

TABLE A-13		FISH SEED PRODUCTION OVER DIFFERENT PLAN PERIODS IN INDIA	
	Year	Production (million fry)	
	1973-74 (End of 4 th Plan)	409	
	1978-79 (End of 5 th Plan)	912	
	1984-85 (End of 6 th Plan)	9,639	
7th Plan			
	1985-86	6,322	
	1986-87	7,601	
	1987-88	8,608	
	1988-89	9,325	
	1989-90	9,691	
Annual Plan			
	1990-91	10,332	
	1991-92	12,203	
8th Plan			
	1992-93	12,500	
	1993-94	14,239	
	1994-95	14,544	
	1995-96	15,007	
	1996-97	15,852	
9th Plan			
	1997-98	15,904	
	1998-99	15,156	
	1999-2000	16,589	
	2000-01	15,608	
	2001-02	15,758	
10th Plan			
	2002-03	16,333	
	2003-04	19,231	
	2004-05	20,791	
	2005-06	21,988	
	2006-07	23,648	
11th Plan			
	2007-08	24,144	

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

TABLE A-14		FISH SEED PRODUCTION BY STATES / UNION TERRITORIES, 1994-95 to 2007-08															
		(Million fry)															
S.No.	State/Union Territory	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08		
1	Andhra Pradesh	700.00	709.00	711.00	700.00	752.40	899.00	920.50	214.90	178.90	351.64	421.00	851.90	860.14	860.14		
2	Assam	19.95	21.00	21.00	24.00	24.50	24.40	25.00	25.00	25.10	25.00	26.10	25.45	30.00	26.50		
3	Arunchal Pradesh	2386.95	2547.54	2634.48	2245.57	1703.06	2114.14	1485.68	1801.55	1902.00	2228.41	2741.47	3207.99	3062.00	3206.00		
4	Bihar	321.16	332.21	492.00	405.49	451.39	449.11	358.57	329.95	367.99	346.11	318.31	344.94	330.46	309.53		
5	Chhattisgarh	3.80	3.82	3.82	4.10	4.25	3.20	3.20	3.17	2.33	2.00	1.82	2.34	2.25	2.27		
6	Delhi	—	0.03	—	—	0.45	0.00	0.00	4.95	0.15	0.50	0.89	6.95	0.67	0.67		
7	Goa	161.78	191.17	199.40	670.00	469.50	469.07	359.55	496.33	414.40	114.56	508.93	611.59	621.89	610.20		
8	Gujarat	102.22	200.73	147.30	151.69	168.00	177.00	180.50	204.00	243.06	249.57	282.08	331.14	309.76	309.76		
9	Haryana	20.14	23.10	21.97	23.35	23.21	23.63	25.77	27.53	16.99	19.47	19.17	21.27	16.98	21.92		
10	Himachal Pradesh	11.82	12.60	12.60	13.07	10.65	11.20	12.30	13.90	14.55	15.62	16.00	17.07	17.30	17.12		
11	Jammu & Kashmir	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
12	Jharkhand	165.30	164.34	208.30	202.12	42.47	183.91	230.27	206.37	155.26	64.50	80.00	17.27	28.71	28.71		
13	Karnataka	20.26	20.26	20.26	5.18	9.50	19.02	19.02	11.20	12.60	12.70	12.17	12.48	12.70	12.70		
14	Kerala	523.40	564.20	612.36	584.94	495.10	610.60	339.70	359.30	263.20	384.40	334.60	438.62	485.87	496.58		
15	Madhya Pradesh	270.00	293.00	270.00	242.00	241.00	208.00	207.00	275.00	187.00	169.04	47.45	85.40	549.73	200.61		
16	Maharashtra	81.00	90.50	101.00	110.05	98.20	115.10	115.00	116.00	117.00	117.00	118.00	123.00	129.00	125.00		
17	Manipur	4.00	0.97	0.97	0.98	0.78	1.12	1.12	1.15	0.87	0.96	0.90	0.77	0.77	0.93		
18	Meghalaya	0.56	0.31	0.50	2.70	5.80	14.00	13.00	9.12	10.30	13.20	16.00	18.00	18.20	18.20		
19	Mizoram	50.00	50.00	50.00	50.00	50.00	50.00	50.00	47.00	47.00	40.00	44.00	43.00	48.00	48.00		
20	Nagaland	188.67	186.69	211.82	234.20	261.71	346.00	274.03	365.28	439.86	497.39	604.79	321.40	546.72	640.00		
21	Orissa	42.00	44.00	54.00	60.05	71.97	71.00	71.90	91.73	89.43	97.69	133.00	139.03	153.38	145.58		
22	Rajasthan	150.00	175.00	169.00	220.00	167.31	238.51	231.00	286.00	423.34	303.00	255.00	299.00	342.00	350.38		
23	Sikkim	1.25	2.50	2.50	2.50	3.60	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	3.00		
24	Tamil Nadu	536.59	467.43	638.00	561.05	542.44	814.36	591.91	627.14	686.59	413.05	529.28	529.28	529.28	506.00		
25	Tripura	170.10	172.00	208.95	210.03	211.12	209.90	209.80	220.92	229.54	272.26	401.86	546.53	420.00	506.00		
26	Uttaranchal	479.15	546.62	618.79	680.10	730.54	806.52	882.81	959.92	975.44	1053.58	1037.32	1085.75	1091.56	1182.99		
27	Uttar Pradesh	8126.14	8180.00	8435.00	8500.00	8610.00	8725.00	8850.00	9000.00	9100.00	11910.00	12200.00	12200.33	13200.00	13572.00		
28	West Bengal	0.17	0.57	0.35	0.47	0.14	0.49	0.45	0.57	0.76	0.55	1.29	0.71	0.58	0.51		
29	A & N Islands	1.62	0.63	0.63	—	6.60	0.00	0.70	0.70	1.10	1.10	0.70	0.70	0.80	3.20		
30	Chandigarh	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
31	Dadra & Nagar Haveli	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
32	Daman & Diu	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
33	Lakshadweep	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
34	Puducherry	9.00	7.00	6.97	—	—	2.40	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
35	INDIA	14547.03	15007.22	15852.97	15903.64	15155.69	16599.18	15608.32	15757.62	16332.57	19231.47	20790.64	21988.30	23647.95	24143.57		

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

TABLE A-15

STATE-WISE DETAILS OF TOTAL SHRIMP (SHRIMP + SCAMPI) PRODUCTION DURING 2003-04 TO 2007-08

S. State No.	2003-04		2004-05		2005-06		2006-07		2007-08							
	Area Under Culture (Ha)	Estimated Production (MT)	Produce-ctivity in (MT/Ha/ Yr)	Area Under Culture (Ha)	Estimated Production (MT)	Produce-ctivity in (MT/Ha/ Yr)	Area Under Culture (Ha)	Estimated Production (MT)	Produce-ctivity in (MT/Ha/ Yr)	Area Under Culture (Ha)	Estimated Production (MT)	Produce-ctivity in (MT/Ha/ Yr)				
1	Andhra Pradesh	96924	85209	0.88	89525	96150	1.07	91268	107772	1.18	82569	99470	1.20	89215	76444	0.86
2	Goa	963	700	0.73	295	534	1.81	331	659	1.99	828	654	0.79	840	643	0.77
3	Gujarat	2443	1616	0.66	895	1502	1.68	1337	3362	2.51	1656	3261	1.97	1660.54	3181.35	1.92
4	Karnataka	3291	1943	0.59	1692	1426	0.84	3406	1886	0.55	3419	1929	0.56	3842	2299	0.60
5	Kerala	14915	6699	0.45	11708	7841	0.67	15123	7247	0.48	12901	5239	0.41	9769.51	6442.54	0.66
6	Maharashtra	7596	1287	0.17	567	1128	1.99	881	917	1.04	3562	1094	0.31	772	1761.37	2.28
7	Orissa	12586	12840	1.02	10218	10366	1.01	11560	10419	0.90	15044	10582	0.70	10072	6325.4	0.63
8	Tamil Nadu	3373	6209	1.84	3876	6818	1.76	5451	7641	1.40	4036	5756	1.43	3134.05	3814.43	1.22
9	West Bengal	54375	32149	0.59	54610	38625	0.71	54758	46087	0.84	55659	46477	0.84	52980	32516	0.61
10	Puducherry															
Total	196466	148652	0.76	173386	164390	0.95	184115	185990	1.01	179674	174462	0.9709919172285.1	133427.09	0.774455191		

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

TABLE A-15 .1

STATE-WISE DETAILS OF SHRIMP PRODUCTION DURING 2003-04 TO 2007-08

S. State No.	2003-04		2004-05		2005-06		2006-07		2007-08							
	Area Under Culture (Ha)	Estimated Production (MT)	Produce-ctivity in (MT/Ha/ Yr)	Area Under Culture (Ha)	Estimated Production (MT)	Produce-ctivity in (MT/Ha/ Yr)	Area Under Culture (Ha)	Estimated Production (MT)	Produce-ctivity in (MT/Ha/ Yr)	Area Under Culture (Ha)	Estimated Production (MT)	Produce-ctivity in (MT/Ha/ Yr)				
1	Andhra Pradesh	69638	53124	0.76	61429	61609	1.00	57712	70669	1.22	65234	75414	1.16	50396	56557	1.12
2	Goa	963	700	0.73	295	534	1.81	331	659	1.99	828	654	0.79	840	643	0.77
3	Gujarat	1013	1510	1.49	891	1500	1.68	1297	3322	2.56	1622	3227	1.99	1659.84	3148.9	1.90
4	Karnataka	3085	1830	0.59	1528	1382	0.90	3262	1843	0.56	3329	1883	0.57	3577	2119	0.59
5	Kerala	14029	6461	0.46	10797	7573	0.70	13871	6883	0.50	11691	5151	0.44	7597.86	5902.57	0.78
6	Maharashtra	615	981	1.60	524	1068	2.04	647	683	1.06	848	979	1.15	756.4	946.37	1.25
7	Orissa	12116	12390	1.02	7030	9896	1.41	8172	9739	1.19	11453	9726	0.85	6286	5410.4	0.86
8	Tamil Nadu	3214	6070	1.89	3684	6674	1.81	4916	7036	1.43	3712	5307	1.43	2729.7	3437.74	1.26
9	West Bengal	49925	29714	0.60	50215	35432	0.71	50474	42336	0.84	50915	42006	0.83	48236	28000	0.58
10	Puducherry															
Total	154598	112780	0.73	136393	125668	0.92	140682	143170	1.02	149632	144347	0.96	122078.8	106164.98	0.87	

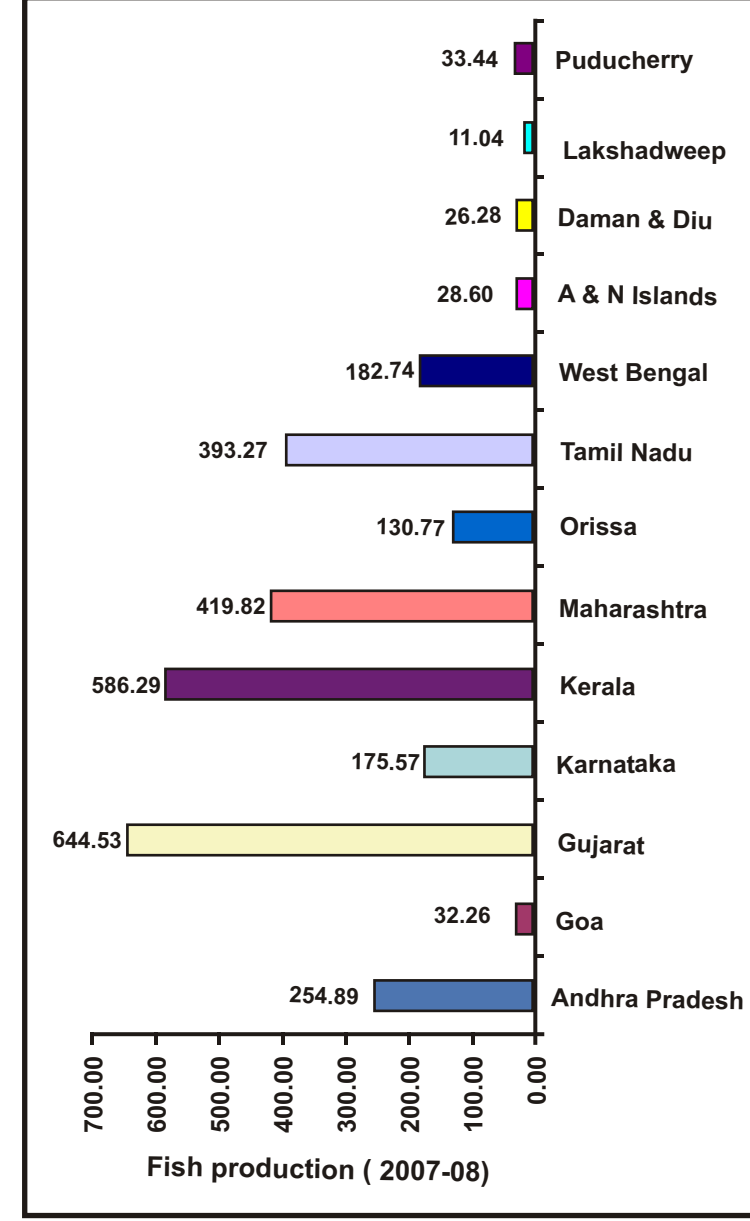
Source : Marine Products Export Development Authority (MPEDA), Kochi

TABLE A-15.2 STATE-WISE DETAILS OF SCAMPI PRODUCTION DURING 2003-04 TO 2007-08

S. State No.	2003-04		2004-05		2005-06		2006-07		2007-08	
	Area Under Culture (Ha)	Estimated Production (MT)	Area Under Culture (Ha)	Estimated Production (MT)	Area Under Culture (Ha)	Estimated Production (MT)	Area Under Culture (Ha)	Estimated Production (MT)	Area Under Culture (Ha)	Estimated Production (MT)
1 Andhra Pradesh	27286	32085	28096	34541	33556	37103	17335	24056	38819	19887
2 Goa	0	0	0	0	0	0	0	0	0	0
3 Gujarat	1430	106	4	3	40	40	34	34	0.7	32.45
4 Karnataka	206	113	164	44	144	43	90	46	0.51	180
5 Kerala	886	238	911	268	1252	364	1211	88	2171.65	539.97
6 Maharashtra	6981	306	43	60	234	234	2713	115	15.6	814.95
7 Orissa	470	450	3188	470	3388	680	3591	856	3786	915
8 Tamil Nadu	159	133	192	144	535	605	324	449	404.35	376.69
9 West Bengal	4450	2435	4395	3193	4284	3751	4744	4471	4744	4516
10 Puducherry										
Total	41868	35866	36993	38723	43433	42820	30042	30115	50206.3	27262.06

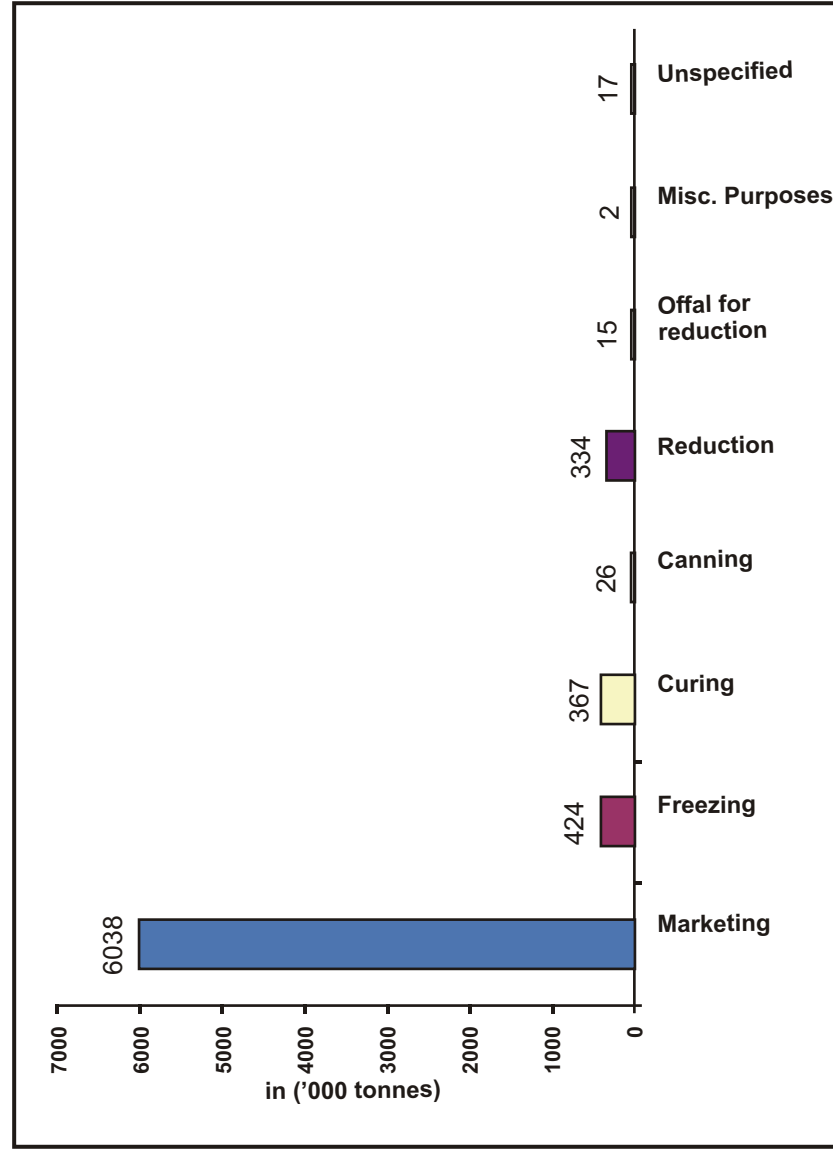
Source : Marine Products Export Development Authority (MPEDA), Kochi

CHART 4 MARINE FISH PRODUCTION, 2007-08



DISPOSITION OF FISH CATCH - 2007 IN TERMS OF PERCENTAGE

CHART 5



B : EXPORTS



TABLE B-1

TRENDS IN EXPORT OF MARINE PRODUCTS -
1961-62 TO 2007-08

Year	Quantity (Tonnes)	Value (Rs. Crore)	Unit value (Rs./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	78175	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	83651	398.00	47578.63	1909.46	-2.94	3.57
1986-87	85843	460.67	53664.25	2153.69	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	139419	893.37	64078.07	2571.62	25.78	40.69
1991-92	171820	1375.89	80077.41	3213.72	23.24	54.01
1992-93	209025	1768.56	84609.97	3395.62	21.65	28.54
1993-94	243960	2503.62	102624.20	4118.58	16.71	41.56
1994-95	307337	3575.27	116330.61	4668.66	25.98	42.80
1995-96	296277	3501.11	118170.16	4742.48	-3.60	-2.07
1996-97	378199	4121.36	108973.32	4373.39	27.65	17.72
1997-98	385818	4697.48	121753.78	4886.30	2.01	13.98
1998-99	302934	4626.87	152735.25	6129.67	-21.48	-1.50
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	3929.12	-11.83	-11.47
2004-05	482223	6459.89	133960.64	4191.93	17.04	6.04
2005-06	551282	7018.68	127315.60	3766.33	14.32	8.65
2006-07	612641	8363.53	136516.00	2957.52	19.62	15.43
2007-08	541701	7620.92	140684.99	1710.25	-11.58	-8.88

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



TABLE B-2 EXPORT OF MARINE PRODUCTS BY CATEGORY - INDIA, 1992-93 TO 2007-08

S. No.	Items	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
1	Frozen Shrimp	Q 74,393	86,541	101,751	95,724	105,429	100,720	102,484	110,275	111,874	127,709	134,815	129,768	138085	145180	137,397	136,223
	V	1,180.30	1,770.70	2,510.90	2,356.80	2,701.80	3,134.20	3,344.91	3,645.22	4,481.51	4,139.92	4,608.31	4,013.07	4,220.67	4,271.51	4,506.08	3,941.62
2	Fr. Lobster tails	Q 1,613	1,455		1587	1,172	1,289										
	V	43.3	42.7		51	43.9	47.8										
3	Fr. Cuttlefish/ Fillets	Q 18,981	18,998	28,145	33,845	31,778	37,258	34,589	32,799	33,677	30,568	41,381	39,610	44,239	49,651	55,701	45,955
	V	118.9	138.2	224	260.9	272.4	323.4	273.31	286.22	288.99	280.07	417.09	435.18	474.01	549.15	797.37	744.13
4	Frozen Squids	Q 30,364	34,741	37,194	45,025	40,924	35,095	32,254	34,918	37,628	39,790	37,838	37,832	48,124	52,352	47,252	34,172
	V	151.9	192.5	245.1	319.6	290.5	270.9	268.93	296.8	324.43	329.67	384.37	372.92	477.26	575.52	568.32	408.42
5	Fresh/Frozen Fish	Q 75,376	94,022	122,529	100,093	173,005	188,029	108,556	131,304	212,903	174,976	196,322	138,023	159,689	182,344	270,751	220,200
	V	232.4	296	446.6	372.3	636.9	726.7	495.03	537.34	874.68	713.11	841.65	620.73	759.27	998.7	1,452.88	1,303.41
6	Live Items	Q 573	744		2,030	1,700	2,148	1,678	1,844	1,628	2,115	2,341	2,262	2,568	2,478	2,498	69.07
	V	3.5	6.7		34	29.3	47.08	37.99	39.88	40.57	53.66	51.1	50.75	61.71	64.06	69.07	
7	Dried Fish	Q 3,357	2,602		7,292	10,475	5,669	6,273	6,576	7,511	7,020	8,178	12,574	9,692	14,167	24,293	22,414
	V	5	16.3		40.3	47	33.5	40.3	42.77	70.03	60.19	84.23	145.68	121.01	132.56	183.16	258.88
8	Chilled items	Q 3,357	2,602		7,292	10,475	5,669	6,273	6,576	7,511	7,020	8,178	12,574	9,692	14,167	24,293	22,414
	V	5	16.3		40.3	47	33.5	40.3	42.77	70.03	60.19	84.23	145.68	121.01	132.56	183.16	258.88
9	Shark Fins & Fish Maws	Q 3,629	4,857	17,718	12,711	13,386	16,058	14,006	22,393	31,216	39,495	43,298	48,090	55,250	60,841	67,571	73,698
	V	21.7	40.6	148.7	100.2	95	131.7	128.13	225.36	292.74	329.86	432.86	389.23	475.58	574.58	674.35	777.29
	Q	208,602	243,960	307,337	296,277	378,199	385,818	302,934	343,031	440,473	424,470	467,297	412,017	461,329	512,163	612,643	541,701
	V	1,767.40	2,503.70	3,575.30	3,501.10	4,121.50	4,697.50	4,626.87	5,116.67	6,443.89	5,957.05	6,881.31	6,091.95	6,646.55	7,245.73	8,363.52	7,620.93

Q: Quantity in tonnes V: Value in Rs. Crore
Totals may not tally due to rounding off.

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

TABLE B-3 EXPORT OF MARINE PRODUCTS BY CATEGORY (PERCENT DISTRIBUTION), INDIA 1992-93 to 2007-08

S. No.	Items	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
1	Frozen Shrimp	Q 35.66	35.47	33.11	32.31	27.88	26.11	33.83	32.15	25.40	30.09	28.85	31.50	29.93	28.35	22.43	25.15
	V	66.78	70.72	70.23	67.32	65.55	66.72	72.29	71.24	69.55	69.50	66.97	65.87	63.50	58.95	53.88	51.72
2	Fr. Lobster tails	Q 0.77	0.60	0.00	0.54	0.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	V	2.45	1.71	0.00	1.46	1.07	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Fr. Cuttlefish/ Fillets	Q 9.10	7.79	9.16	11.42	8.40	9.66	11.42	9.56	7.65	7.20	8.86	9.61	9.59	9.69	9.09	8.48
	V	6.73	5.52	6.27	7.45	6.61	6.88	5.91	5.59	4.48	4.70	6.06	7.14	7.13	7.58	9.53	9.76
4	Frozen Squids	Q 14.56	14.24	12.10	15.20	10.82	9.10	10.65	10.18	8.54	9.37	8.10	9.18	10.43	10.22	7.71	6.31
	V	8.59	7.69	6.86	9.13	7.05	5.77	5.81	5.80	5.03	5.53	5.59	6.12	7.18	7.94	6.8	5.36
5	Fresh/Frozen Fish	Q 36.13	38.54	39.87	33.78	45.74	48.74	35.83	38.28	48.34	41.22	42.01	33.50	34.61	35.60	44.19	40.65
	V	13.15	11.82	12.49	10.63	15.45	15.47	10.70	10.50	13.57	11.97	12.23	10.19	11.42	13.78	17.37	17.1
6	Live Items	Q 0.27	0.30	0.00	0.00	0.54	0.44	0.71	0.49	0.42	0.38	0.45	0.57	0.49	0.50	0.4	0.46
	V	0.20	0.27	0.00	0.00	0.82	0.62	1.02	0.74	0.62	0.68	0.78	0.84	0.76	0.85	0.77	0.91
7	Dried Fish	Q 1.61	1.07	0.00	2.46	2.77	1.47	2.07	1.92	1.71	1.65	1.75	3.05	2.10	2.77	3.97	4.14
	V	0.28	0.65	0.00	1.15	1.14	0.71	0.87	0.84	1.09	1.01	1.22	2.39	1.82	1.83	2.19	3.4
8	Chilled items	Q 0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.90	0.87	0.77	0.72	0.92	0.86	0.99	1.18	1.21
	V	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.88	1.11	1.07	0.86	1.05	1.02	1.13	1.4	1.55
9	Shark Fins & Fish Maws	Q 0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	V	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Other items	Q 1.74	1.99	5.77	4.29	3.54	4.16	4.62	6.53	7.09	9.30	9.27	11.67	11.98	11.88	11.03	13.6
	V	1.23	1.62	4.16	2.86	2.30	2.80	2.77	4.40	4.54	5.54	6.29	6.39	7.16	7.93	8.06	10.2
	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
	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

Q: Quantity in tonnes

Totals may not tally due to rounding off.Q: Quantity in tonnes

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

TABLE B-4 EXPORT OF MARINE PRODUCTS BY MARKET, 1998-99 TO 2007-08

Market	1998-99		1999-2000		2000-01		2001-02		2002-03		2003-04		2004-05		2005-06		2006-07		2007-08		
	Q/V	%	Q/V	%	Q/V	%	Q/V	%	Q/V	%	Q/V	%	Q/V	%	Q/V	%	Q/V	%	Q/V	%	
Japan	Q	67,277	22.21	66,990	19.53	68983	15.66	64905	15.29	54916	11.75	50020	12.14	57832	12.54	59785	11.67	67437	11.01	67373	12.44
	V	2,295.48	49.61	2,272.78	44.42	2560.39	39.73	1820.69	30.56	1534.76	22.30	1163.69	19.10	1202.5	18.09	1156	15.96	1353.38	16.18	1227.59	16.11
U. S. A	Q	34,472	11.38	36,645	10.68	41747	9.48	49041	11.55	61703	13.20	53153	12.90	50045	10.85	55817	10.90	43758	7.14	36612	6.76
	V	617.32	13.34	775.35	15.15	1164.4	18.07	1421.38	23.86	2051.12	29.81	1682.06	27.61	1556.10	23.41	1639.20	22.62	1347.8	16.12	1016.94	13.34
European Union	Q	54,261	17.91	65,402	19.07	68827	15.63	82895	19.53	94541	20.23	96284	23.37	117742	25.52	136842	26.72	149773	24.45	149381	27.58
	V	684.62	14.80	905.56	17.70	1025.26	15.91	1150.07	19.31	1388.47	20.18	1470.99	24.15	1819.3	27.37	2134.2	29.46	2760.32	33	2664.24	34.96
South East Asia	Q	116,610	38.49	147,749	43.07	223519	50.75	187191	44.10	214908	45.99	174408	42.33	188668	40.90	197216	38.51	271163	44.26	203610	37.59
Including China	V	766.06	16.56	914.79	17.88	1290.39	20.03	1135.98	19.07	1404.86	20.42	1222.23	20.06	1322	19.89	1435.3	19.81	1773.66	21.2	1583.56	20.78
Middle East	Q	17,274	5.70	13,274	3.87	17236	3.91	19159	4.51	19668	4.21	14711	3.57	16624	3.60	22270	4.35	23585	3.85	25752	4.75
	V	147.97	3.20	115.09	2.25	188.32	2.92	181.06	3.04	204.74	2.98	201.52	3.31	244.4	3.68	307.7	4.25	371.06	4.44	393.96	5.17
Others	Q	13,040	4.30	12,970	3.78	20161	4.58	21279	5.01	21561	4.61	23441	5.69	30418	6.59	40234	7.86	56924	9.29	58972	10.89
	V	115.42	2.49	133.1	2.60	215.03	3.34	247.87	4.16	297.36	4.32	351.46	5.77	502.4	7.56	572.9	7.91	757.3	9.05	734.62	9.64
Total	Q	302,934.00	100.00	343,030.00	100.00	440,473.00	100.00	424,470.00	100.00	467,297.00	100.00	461,329.00	100.00	461,329.00	100.00	512,164.00	100.00	612,640.00	100.00	541,700.00	100.00
	V	4,626.87	100.00	5,116.67	100.00	6,443.79	100.00	5,957.05	100.00	6,881.31	100.00	6,091.95	100.00	6,646.70	100.00	7,245.30	100.00	8,363.52	99.99	7,620.91	100.00

Q – Quantity in Metric Tonnes

V – Value in Rs. Crores

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

TABLE B-5 VALUE OF EXPORT OF MARINE PRODUCTS DURING 1998-99 TO 2007-08

S. Article No. Code	Article distribution	(Rs. in lakhs)																		
		1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08									
1	0301 Live fish	268.60	230.51	383.87	666.67	695.95	1283.07	631.78	554.36	1863.28	670.25									
2	0302 Fish Fresh or chilled including Hilsa	3394.78	5715.80	5841.09	6164.71	4552.55	9641.24	9165.37	9868.98	13486.04	11884.82									
3	0303 Frozen Fish	57967.19	80889.34	129313.30	112233.16	131104.14	56964.52	78592.72	107175.89	139184.34	121333.5									
4	0304 Fish Fillets & Other Fish Meat	4984.68	6785.80	6637.40	8661.99	7408.63	7672.12	7812.77	11993.61	23648.60	18078.95									
5	0305 Fish dried salted	2124.96	2806.05	3194.45	3545.71	3283.70	6114.85	5058.74	4403.77	5500.14	4534.86									
6	0306 Shrimp, Lobstees, Prawns	323959.77	356219.57	437643.95	397200.08	466023.97	423462.51	412738.88	399389.30	420027.60	350189.63									
7	0307 Molluscs, Cuttle Fish, etc.	40271.21	51704.27	45766.30	63824.21	62956.98	76405.62	95817.89	104063.20	91666.69										
	Sub-Total	432971.19	504351.34	628780.36	580720.68	676893.15	568095.29	590405.88	629203.80	707773.20	598358.70									
8	1504 Fats & Oils & their Fracins	78.73	177.88	432.13	555.76	535.35	409.9	586.79	512.35	1809.86	4146.1									
9	1603 Extracts & Juices of Meat Fish Crustaceans Molluscs/ other aquatic invertebrates	41.13	4.67	14.46	743.89	360.93	141.84	101.51	735.47	829.6										
10	1604 Prepared/Preserved Fish	348.06	1018.75	378.80	216.70	1132.92	5067.84	12086.61	13626.72	19292.30	20223.06									
	Sub-Total	426.79	1237.76	815.6	786.92	2412.16	5838.67	12815.24	14240.58	21837.63	25198.76									
11	1605 Crustaceans Molluscs & other Aquatic Invertebrates prepared or preserved	219.57	2213.04	1440.61	2704.80	8283.14	34749.06	42768.14	58424.19	69218.08	62337.19									
	Sub-Total	219.57	2213.04	1440.61	2704.8	8283.14	34749.06	42768.14	58424.19	69218.08	62337.19									
	Total without 1605	433397.98	505589.1	629595.96	581507.6	679305.31	573933.96	603221.12	643444.38	729610.83	623557.46									
	Total with 1605	433617.55	507802.14	631036.57	584212.4	687588.45	608683.02	645989.26	701868.57	798828.91	685894.65									

Source: Directorate General of Commercial Intelligence & Statistics (DGI&S), Kolkata

TABLE B-6

PORT-WISE EXPORT OF MARINE PRODUCTS,
2003-04 TO 2007-08

Port	2003-04		2004-05		2005-06		2006-07		2007-08	
	Q	%	Q	%	Q	%	Q	%	Q	%
Kandla	13505	3.28	6281	1.36	3045	0.59	565	0.09	36	0.01
Porbandar	5253	1.27	1365	0.30	0	0	0	0	0	0
Mumbai	1873	0.45	2744	0.59	3224	0.63	2893	0.47	2383	0.44
JN Port	95584	23.20	109430	23.72	120492	23.53	137153	22.39	104670	19.32
Goa	10212	2.48	10030	2.17	10719	2.09	16152	2.64	19297	3.56
Mangalore	8474	2.06	10349	2.24	15965	3.12	26723	4.36	26155	4.82
Karwar	0.00	0	0.00	0	0	0	0	0	0	0
Kochi	75761	18.39	86291	18.70	95737	18.69	106454	17.38	98520	18.19
Trivandrum	866	0.21	1040	0.23	1501	0.29	2123	0.35	1784	0.33
Tuticorin	21568	5.23	28160	6.10	27172	5.32	30611	5	29697	5.48
Chennai	46894	11.38	42649	9.24	45246	8.83	42272	6.9	42947	7.93
Vizag	24284	5.89	32028	6.94	37121	7.25	36594	5.97	35535	6.56
Paradeep	110	0.03	0	0.00	60	0.01	0	0	6	0.001
Kolkata	17473	4.24	18492	4.01	18291	3.57	23238	3.79	27666	5.11
Pipavav	89628	21.75	109597	23.76	115101	22.47	178751	29.18	149734	27.64
Kakinada	0	0.00	0	0.00	0	0	0	0	0	0
Haldia	528	0.13	113	0.02	66	0.01	0	0	42	0.01
Others	4	0.00	2760	0.60	18423	3.6	9113	1.48	3230	0.6
Total	412017	100.00	461329	100.00	512163.00	100.00	612642.00	100.00	541702.00	100.00

Port	2003-04		2004-05		2005-06		2006-07		2007-08	
	V	%	V	%	V	%	V	%	V	%
Kandla	109.24	1.79	51.43	0.77	28.32	0.39	3.64	0.04	1.29	0.02
Porbandar	27.86	0.46	7.45	0.11	0	0	0	0	0	0
Mumbai	47.37	0.78	72.39	1.09	69.17	0.95	67.54	0.81	116.12	1.52
JN Port	837.25	13.74	965.32	14.52	1173.04	16.19	1279.48	15.3	1120.86	14.01
Goa	31.4	0.52	46.96	0.71	55.56	0.77	89.45	1.07	111.22	1.46
Mangalore	64.48	1.06	76.92	1.16	103.27	1.43	149.49	1.79	162.61	2.13
Karwar	0.00	0	0.00	0	0	0	0	0	0	0
Kochi	1077.11	17.68	1135.7	17.09	1218.97	16.82	1476.51	17.65	1383.74	18.16
Trivandrum	22.02	0.36	21.7	0.33	37.58	0.52	47.04	0.56	46.73	1
Tuticorin	565.65	9.29	635.19	9.56	613.17	8.47	735.48	8.79	654.64	9
Chennai	1505.51	24.71	1432.87	21.56	1382.56	19.08	1332.58	15.94	1158.5	15.2
Vizag	763.64	12.54	1029.06	15.48	1115.3	15.39	1264.75	15.12	1018.6	13.27
Paradeep	1.09	0.02	0	0.00	0.98	0.01	0	0	0.45	0.01
Kolkata	543.56	8.92	521.13	7.84	537.95	7.43	655.65	7.84	689.7	9.05
Pipavav	477.31	7.84	629.54	9.47	776.83	10.72	1162.05	13.89	1075.31	14.11
Kakinada	0	0.00	0	0.00	0	0	0	0	0	0
Haldia	18.44	0.30	4.18	0.06	1.73	0.02	0	0	0.23	0
Others	0.02	0.00	16.85	0.25	130.87	1.81	99.9	1.2	80.91	1.06
Total	6091.95	100.00	6646.69	100.00	7245.30	100.00	8363.56	100.00	7620.91	100.00

Q - Quantity in tonnes Note : Totals may not tally due to rounding.

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



C: FISHING HARBOURS

TABLE C-1

MAJOR AND MINOR FISHING HARBOURS –
PLAN OUTLAYS AND EXPENDITURE (UP TO 11TH PLAN)

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	10000.00	7666.84*		
Eleventh Plan				
(i) 2007-08	2054.25	2054.25		
(ii) 2008-09	2639.40	2639.40		
Total	39756.65	29022.66	12202.00	11257.00

* Includes major and minor ports

** Includes Fish Landing centres also



TABLE C-2

FISHING HARBOURS AT MAJOR PORTS

Port	Cost (Rs. 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	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 Motorised Fishing Vessels

TL Total length of landing + berthing + outfitting + repair quay/wharf (in meters)

TABLE C-3

NUMBER OF MINOR FISHING HARBOURS AND FISH LANDING CENTRES COMMISSIONED/ UNDER CONSTRUCTION IN MARITIME STATES/ UNION TERRITORIES TILL 2008-09

S. No.	State/UT	Minor Fishing Harbour		Fish Landing Centres	
		Commissioned	Under construction	Commissioned	Under construction
1	Andhra Pradesh	4	--	16	4
2	Goa	--	--	4	1
3	Gujarat	5	2	21	--
4	Karnataka	7	2	12	1
5	Kerala	8	7	24	2
6	Maharashtra	2	1	35	1
7	Orissa	4	1	24	4
8	Tamil Nadu	7	2	20	1
9	West Bengal	5	1*	13	--
10	A & N Island	1	--	1	4
11	Daman & Diu	--	--	2	--
12	Lakshadweep	--	--	3	--
13	Puducherry	1	2	1	--
Total		44	18	176	18

* Major FH

* 4 Fish Landing Centres in A & N sanctioned under Tsunami Rehabilitation Programme (TRP)

TABLE C-4

FISHING HARBOURS AND FISH LANDING CENTRES
CONSTRUCTED / COMMISSIONED, 2008-09

Location	FH/Sanctioned cost FLC (Rs. Lakhs)	Location	FH/ Sanctioned cost FLC (Rs. Lakhs)
Andhra Pradesh		6 Malpe Stage-II	FH 1146.70
1 Kakinada	FH 973.17	7 Mangalore Stage - II	FH 75.00
2 Nizamapatnam	FH 157.66	8 Coondapur	FLC 1.00
3 Bhavanapadu	FH 340.00	9 Kagal Heni	FLC 0.60
4 Machilipatnam	FH 470.88	10 Gangolli	FLC 3.70
5 Calingapatnam	FLC 60.35	11 Belikeri	FLC 0.99
6 Etimoga	FLC 61.57	12 Keni	FLC 0.99
7 Baruva	FLC 83.60	13 Bhatkal	FLC 6.00
8 Perupalem	FLC 88.86	14 Moolky	FLC 0.10
9 Navvalarevu	FLC 79.35	15 Sadasivgad	FLC 0.99
10 Chintapalli	FLC 79.77	16 Belambar	FLC 0.99
11 Pudimadakara	FLC 78.00	17 Kodibengre	FLC 55.00
12 Mukkam	FLC 79.77	18 Hejmadiyadi	FLC 95.00
13 Mynavanilanka	FLC 59.74	19 Belikeri Stage-II	FLC 67.40
14 Vodarevu	FLC 92.47	Kerala	
15 Gondisamudram	FLC 88.86	1 Vizhinjam stage-I	FH 208.00
16 Isakapalli Pattapupalem	FLC 85.62	2 Puthiappa	FH 962.50
17 Thatichetlapalem	FLC 84.86	3 Munambam	FH 1167.20
18 Bandaruvanipeta	FLC 79.00	4 Vizhinjam stage-II	FH 704.00
19 Mypadu	FLC 81.16	5 Neendakara	FH 672.00
20 Kothapatnam	FLC 92.84	6 Chombal	FH 556.00
Goa		7 Mopla Bay	FH 816.00
1 Cortalim	FLC 0.51	8 Thangassery	FH 1930.50
2 Malim	FLC 89.25	9 Kasaragode	FLC 13.00
3 Cutbona	FLC 89.20	10 Cannanore	FLC 1.46
4 Cortalim stage II	FLC 89.31	11 Neeleswaram	FLC 15.00
Gujarat		12 Munakkadavu	FLC 19.00
1 Veraval	FH 900.00	13 Beypore	FLC 2.10
2 Mangrol Stage-I	FH 200.00	14 New Mahe	FLC 24.59
3 Porbandar	FH 276.00	15 Vellayil Beach	FLC 22.00
4 Mangrol Stage-II	FH 701.00	16 Vallikunu	FLC 17.90
5 Jhakau	FH 1143.60	17 Chettuvai	FLC 19.50
6 Jafrabad	FLC 25.00	18 Arthungal	FLC 32.22
7 Jakhau-I	FLC 5.00	19 Ponnani	FLC 8.00
8 Vansi-Borsi	FLC 16.00	20 Beliapatnam	FLC 13.00
9 Kosamba	FLC 13.00	21 Thottappally	FLC 30.00
10 Mandvi	FLC 16.00	22 Cheruvathur	FLC 18.00
11 Salaya	FLC 17.00	23 Dharmadon	FLC 21.00
12 Umarsadi	FLC 5.00	24 South Paravoor	FLC 24.94
13 Jakhau	FLC 5.00	25 Vizhinjam South	FLC 19.10
14 Sachana	FLC 20.00	26 Vizhinjam North	FLC 19.10
15 Madhavadi	FLC 17.76	27 Chalil Gopalpettah	FLC 25.00
16 Surajbari	FLC 31.53	28 Quilandy	FLC 23.00
17 Magod Dungari	FLC 38.74	29 Punnappa	FLC 36.80
18 Dholai	FLC 54.66	30 Kattor Pollathai	FLC 50.25
19 Chorwad	FLC 46.12	31 Thikkodi	FLC 49.25
20 Port Onjal	FLC 42.00	32 Moylakadappuram	FLC 85.20
21 Rajpara	FLC 43.35	Maharashtra	
22 Umergaon	FLC 1.00	1 Ratnagiri	FH 1840.50
23 Kolak	FLC 4.15	2 Agro	FH 414.00
24 Hirakot	FLC 0.71	3 Karanja	FLC 11.00
25 Navapur	FLC 0.61	4 Navalgaon	FLC 0.03
26 Dhamlej	FLC 31.00	5 Borli Mandla	FLC 0.52
Karnataka		6 Nandgaon	FLC 0.10
1 Karwar	FH 30.00	7 Murad	FLC 0.03
2 Honnavar	FH 75.00	8 Theorinda	FLC 0.01
3 Tadri	FH 4.59	9 Ajanala	FLC 0.00
4 Mangalore	FH 33.00	10 Ade-Uttambar	FLC 0.02
5 Malpe Stage-I	FH 426.00	11 Agrao	FLC 0.55
		12 Boria	FLC 0.03

TABLE C-4

FISHING HARBOURS AND FISH LANDING CENTRES
CONSTRUCTED / COMMISSIONED, 2008-09

Location	FH/Sanctioned cost FLC (Rs. Lakhs)	Location	FH/ Sanctioned cost FLC (Rs. Lakhs)
Maharashtra (Continued)		5 Tondi	FH 56.56
13 Burondi	FLC 0.05	6 Pazhayar	FH 67.32
14 Bagamandla	FLC 1.00	7 Chinnmuttom	FH 684.00
15 Datiware	FLC 0.92	8 Cuddalore	FLC 12.00
16 Dahanu	FLC 0.99	9 Rameshwaram	FLC 10.00
17 Dakti-Dahanu	FLC 0.99	10 Kottaipatnam	FLC 22.00
18 Kahardanda	FLC 0.82	11 Muttom	FLC 12.60
19 Ekdara	FLC 0.01	12 Vallapalam	FLC 7.14
20 Mandavi	FLC 0.51	13 Vallavillai	FLC 7.50
21 Mulgaon	FLC 1.86	14 Nagapattinam	FLC 0.75
22 Navapur	FLC 0.20	15 Palk Bay	FLC 1.00
23 Onni-Bhatti	FLC 0.03	16 Erawadi	FLC 26.00
24 Thurnvadi	FLC 0.16	17 Poempuhar	FLC 7.87
25 Thal	FLC 0.55	18 Kodimurai	FLC 7.50
26 Utton	FLC 0.02	19 Punnakkayal	FLC 132.32
27 Vashi	FLC 0.31	20 Mudasalodi	FLC 132.32
28 Wadrai	FLC 0.74	21 Pulicat	FLC 132.32
29 Rajpuri	FLC 0.54	22 Sethubavachatram	FLC 132.32
30 Jeevne Bundar	FLC 0.54	23 Jagathapathinam	FLC 132.32
31 Mahim Causeway	FLC 23.07	24 Arcocuttothurai	FLC 132.32
32 Alibagh Koliwada	FLC 32.53	25 Soliakudi	FLC 132.32
33 Tarkarli	FLC 53.34	26 Mandapam	FLC 132.32
34 Taramumbri	FLC 97.02	27 Nagapattinam	FLC 122.00
35 Achara Peerwada	FLC 55.16	West Bengal	
36 Rajpuri Koliwada	FLC 73.96	1 Fraser Ganj	FH 452.32
37 Ekdara Koliwada	FLC 38.66	2 Digha Stage-I	FH 139.00
Orissa		3 Digha Stage-II	FH 492.52
1 Gopalpur	FH 805.30	4 Sultanpur	FH 708.16
2 Dhamra	FH 70.00	(Diamond Harbour)	
3 Naugarh (Astrang)	FH 507.00	5 Harwood point	FH 2462.00
4 Dhamara Stage - II	FH 640.00	6 Namkhana	FLC 7.06
5 Chandipur	FLC 15.00	7 Jaldai	FLC 9.50
6 Pathara	FLC 2.50	8 New Jaldai	FLC 5.00
7 Nairi Stage-I	FLC 5.41	9 Kharpai	FLC 6.30
8 Nairi-II Stage-II	FLC 6.00	10 Kalinagar	FLC 7.13
9 Jamboo	FLC 73.03	11 Bamanagar	FLC 4.18
10 Palaur	FLC 17.00	12 Ganeshpur	FLC 5.31
11 Kansabansa	FLC 65.10	13 Akhoynagar	FLC 3.08
12 Soran	FLC 9.97	14 Junapat	FLC 9.80
13 Sabelia	FLC 2.42	15 Soula	FLC 13.27
14 Chudamani	FLC 14.06	16 Madanganj	FLC 9.60
15 Panchubisa	FLC 32.68	17 Brajbalapur	FLC 9.65
16 Talchua	FLC 110.70	18 Mayagoalinighat	FLC 345.23
17 Kharanasi	FLC 99.90	A & N Islands	
18 Chandrabhaga	FLC 8.32	1 Phoenix Bay	FH 67.00
19 Rushikulya	FLC 9.40	2 Junglighat	FLC 368.00
20 Tantiapal	FLC 99.06	Lkshadweep	
21 Sorala	FLC 70.28	1 Kavaratti	FLC 11.00
22 Bandara	FLC 160.50	2 Minicoy	FLC 15.52
23 Khandiapatana	FLC 105.83	3 Agathi	FLC 5.00
24 Bhusandpur	FLC 108.60	(Baliapatpur)	
25 Bahabalpur	FLC 98.04	26 Bahabalpur	FLC 98.04
26 Kirtania	FLC 172.00	27 Talasai	FLC 162.10
27 Talasai	FLC 162.10	28 Gopalpai on Sea	FLC 96.00
28 Gopalpai on Sea	FLC 96.00	Tamil Nadu	
Tamil Nadu		1 Tuticorin	FH 210.00
1 Tuticorin	FH 210.00	2 Mallipatnam	FH 10.60
2 Mallipatnam	FH 10.60	3 Kodiakarai	FH 14.40
3 Kodiakarai	FH 14.40	4 Vallinokkam	FH 77.00
4 Vallinokkam	FH 77.00	Daman & Diu	
		1 Ghoghla	FLC 52.12
		2 Vanakbara	FLC 43.80

TABLE C-5

FISHING HARBOURS AND FISH LANDING CENTRES
UNDER CONSTRUCTION, 2008-09

Location	FH/Sanctioned cost FLC	(Rs. Lakhs)	Location	FH/ FLC	Sanctioned cost (Rs. Lakhs)
Andhra Pradesh			Maharashtra		
1 Antervedi Pallepalaem	FLC	721.00	1 Deogad	FH	3589.00
2 Lakshmiparam	FLC	366.80	1 Sarjekote	FLC	30.00
3 Vodalaravu	FLC	223.80	Orissa		
4 Gundayapalem	FLC	184.80	1 Bahabalpur	FH	1080.00
Goa			2 Panthakata	FLC	80.20
1 Cortalim Stage-II	FLC	409.50	3 Hata Baradi	FLC	62.00
Gujarat			4 Balugaon	FLC	235.5
1 Dholai	FH	1477.70	5 Nairi Stage-III	FLC	38.86
2 Okha	FH	2346.34	Tamil Nadu		
Karnataka			1 Colachel	FH	2710.00
1 Gangolli	FH	832	2 Theugapattinam	FH	4000.00
2 Karwa Stage-II	FH	130.00	3 Veerapandiapatinum	FLC	132.32
3 Alvekodi	FLC	223.99	West Bengal		
Kerala			2 Petuaghat	FH*	4985
1 Vizhinjam Stage-III	FH	704.00	A & N Island		
2 Muthalapozhy	FH	1366.00	1 Rangat Bay	FLC	321.66
3 Ponnani	FH	2759.40	2 Yerrata	FLC	370.73
4 Kayamkulam	FH	624.00	3 Durgapur (Diglipur)	FLC	601.09
5 Thottappally	FH	1458.30	4 Mayabundar	FLC	425.63
6 Koyilandi	FH	3545.00	Puducherry		
7 Thalai	FH	1925.74	1 Karaikal	FH	3406.50
8 Kadapra	FLC	18.52	2 Maha	FH	2260.00
9 Palacode	FLC	15.00			

* Major FH



D :

FISHERIES

INSTITUTES

TABLE D-1

MANPOWER TRAINED IN CIFNET, KOCHI

(Number as on 31.05.2009)

S. No.	State/Union Territory	Mate Fishing Vessels Course	Engine Drivers Fishing Vessels Course	Vessel Navigator course	Marine Fitter Course	Bachelor of Fishing and Nautical Science
1	Andhra Pradesh	60	51	-	-	-
2	Assam	1	-	-	-	-
3	Bihar	21	14	-	-	-
4	Goa	6	15	2	1	-
5	Gujarat	31	37	-	-	-
6	Karnataka	75	55	-	-	-
7	Kerala	136	119	1	2	-
8	Maharashtra	26	34	-	-	-
9	Manipur	1	-	-	-	-
10	Orissa	38	22	-	-	-
11	Punjab	-	1	-	-	-
12	Rajasthan	-	2	-	-	-
13	Tamil Nadu	45	37	-	-	-
14	Uttar Pradesh	4	5	-	-	-
15	West Bengal	8	9	-	-	-
16	A & N Islands	23	28	-	-	-
17	Lakshadweep	57	50	1	4	-
18	Puducherry	123	157	2	3	-
19	Private Industry	41	45	5	2	-
20	Private Candidates	1365	1359	112	128	66
21	I.C.A.R. Candidates	1	-	-	-	-
22	Overseas Candidates	5	-	-	-	-
TOTAL		2067	2040	123	140	66

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



TABLE D-2

**MANPOWER TRAINED IN CIFNET, KOCHI
IN ANCILLARY COURSES**

(Number as on 31-05-2009)

S. 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	Orissa	-	-	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	Andaman & Nicobar	-	-	-	5	3	4	2
16	Lakshadweep	-	-	13	1	3	114	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	17	-	-
TOTAL		20	20	219	144	99	317	32

Abbreviations :

ADFGTC : Advance Diploma in Fishing Gear Technology Course
 EDME : Engineering(FV) 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 : Central Institute of Fisheries, Nautical and Engineering Training (CIFNET), Kochi.

TABLE D-3

**TRAINING OF OVERSEAS CANDIDATES AT
CIFNET, KOCHI**

(As on 31.05.2009)

S. 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

TABLE D-4

ACHIEVEMENT OF NATIONAL INSTITUTE OF FISHERIES POST HARVEST TECHNOLOGY AND TRAINING 2003-04 TO 2007-08

(Number as on 31-05-2009)

Activity	2003-04 Achievement	2004-05 Achievement	2005-06 Achievement	2006-07 Achievement	2007-08 Achievement
Days out at sea	-	-	-	-	-
Fish Production (Tonnes)	-	-	-	-	-
Fish Processing (Tonnes)	51.73	78.41	94.49	109.58	71.17
Fish Products Developed (Tonnes)	37.91	50.76	53.02	80.03	56.59
Fish Marketing					
(a) Quantity (Tonnes)	50.85	38.53	56.74	98.17	55.63
(b) Value (Rs. in Lakhs)	37.45	28.75	38.00		41.81
Training Conducted					
a) Number	1079.00	731.00	431.00	499	951.00
b) No. of training days			7031.00	8173	11381
c) Revenue Realised (Lakhs)	4.63	4.66	2.92	72.66	5.00
Workshop- job orders taken					
a) No. of job orders	241.00	188.00	63.00		
b) Revenue from Non Project	15.00	7.31	1.72		
Work (lakhs)					
Slipway- Vessels slipped					
(a) Number	11.00	5.00			
(b) Tonnage	901.00	243.00			
Liferaft Servicing station					
a) Liferafts serviced (Nos.)	35.00	6.00			
b) Revenue Realised (lakhs)	5.10	1.08			
Other Receipts (Rs in Lakh)			24.00		
Vizag Unit					
1. Fish Processed (Tonnes)	5.92	22.55	5.91		52.96
2. Products Developed (Tonnes)	2.40	13.76	4.17		37.17
3. Products Marketed (Tonnes)	1.92	82.17	77.24		60.64
4. Revenue realized (lakhs)	1.87	4.90	4.13		15.95
Both units					
1. Fish Processed (Tonnes)	57.65	100.96	100.40	109.58	124.13
2. Products Developed (Tonnes)	40.31	64.52	57.19	80.03	93.76
3. Products Marketed (Tonnes)	52.76	120.69	133.98	98.17	116.27
4. Revenue realized (lakhs)	39.32	64.73	42.13	72.66	57.76
5. No. of Training Days			7031	8173	11381
Revenue Released from					
all Sources (Rs in Lakh)			77.31	72.66	84.62
Financial (Rs. in lakhs)					
Plan	49.81	60.14	97.20	186.84	139.29
Non- Plan	315.70	364.81	323.18	222.00	244.88

TABLE D-5

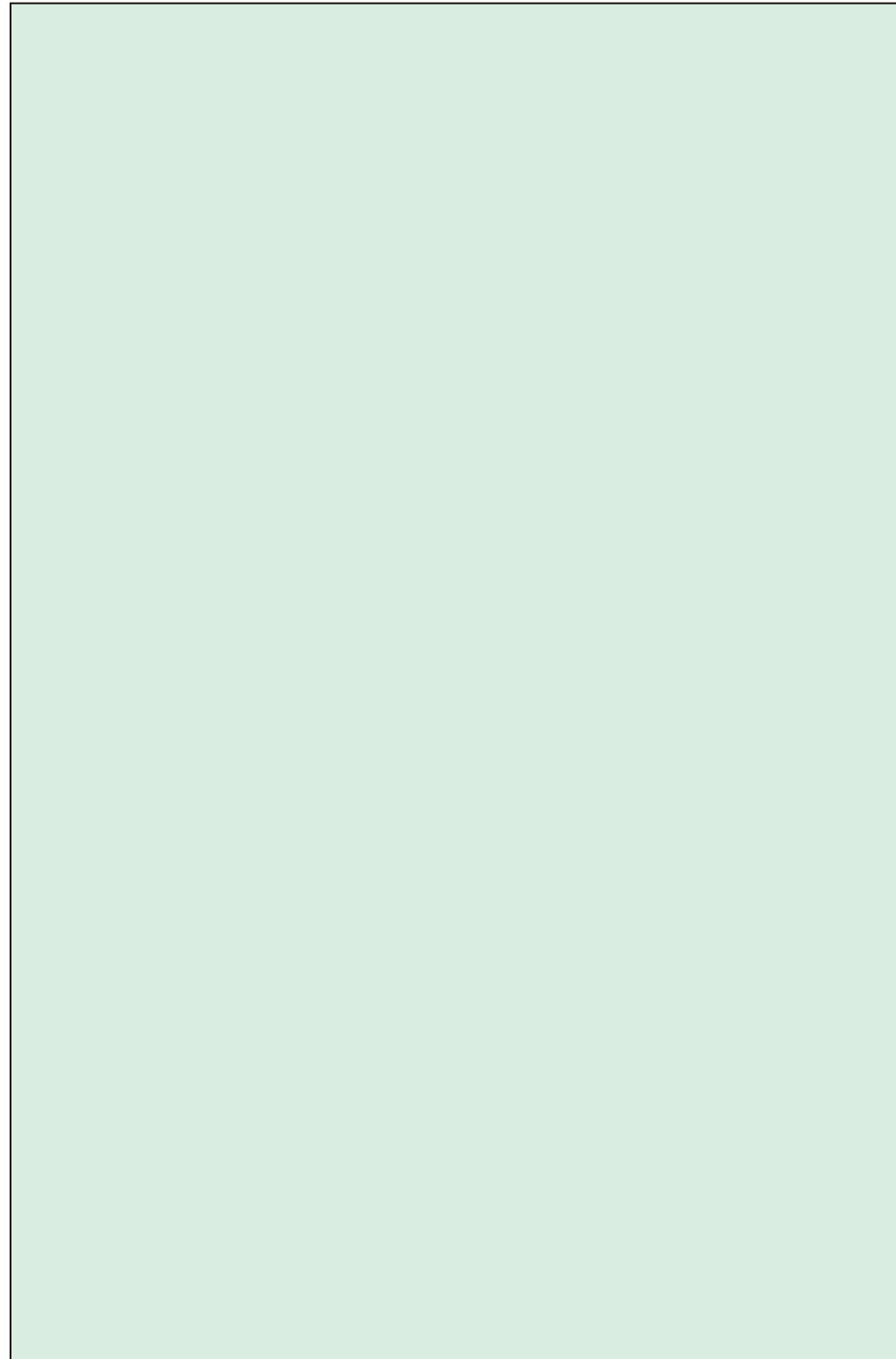
ACHIEVEMENT OF CENTRAL INSTITUTE OF FISHERIES, NAUTICAL AND ENGINEERING TRAINING 2003-04 TO 2007-08

Training Programme/Courses	2003-04 Achievement	2004-05 Achievement	2005-06 Achievement	2006-07 Achievement	2007-08 Achievement
1. Mate Fishing Vessel Course	96	141	74	48	Course discontinued
2. Engine Driver Fishing Vessel Course	85		64		Course discontinued
3. Shore Mechanics Course	8	7	7		10
4. Statutory & Refresher Training	14	49	44	32	25
5. Special Short Term Training Programme	768	1092	846	664	762
6. Post-Institutional Training	43	33			62
7. Bachelor of Fishing & Nautical Science			20	32	49
8. Vessel Navigator Course					101
9. Marine Fitter Course					94
Total	1014	1322	1055	776	1103
Vessel Operation					
Days out at sea	460	471	490	342	414
Fishing Effort (hrs.)	1997		2222	1035.8	1611.4
Catch (Tonnes)	42.37	51.77	63.54	37.56	54.876
Fishing Days	356	378	409	261	359
Institutional Trg. Days	2706	3251	2983	3609	3665
Post Institutional Trg. Days	2321	3859	4335	4358	3289
Fishing effort (Hooks)					770
Revenue earned (Rs. In Lakh)			11.28	18.69	19.71
Financial (Rs. in lakhs)	Expenditure	Expenditure	Expenditure	Expenditure	Expenditure
Plan	127	274.94	251.00	465.00	429.45
Non-Plan	406.67	433.90	495.27	580.00	595.84

TABLE D-6

ACHIEVEMENT OF FISHERY SURVEY OF INDIA 2003-04 TO 2007-08

Type of survey (and effort parameter)	2003-04 Achievement	2004-05 Achievement	2005-06 Achievement	2006-07 Achievement	2007-08 Achievement
Bottom trawl survey (fishing hours)	4137	4963	4087	4245	3964
Mid water trawl survey	319	548	432	263	401
Oceanic and other longlining surveys (Hooks operated)	120494	118745	266360	253443	277725
Financial (Rs. in lakhs)					
Plan	2776.00	3967.00	2937	1946	2810.75
Non-Plan	337.33	377.45	429	570.00	432.32



E :
**PLAN OUTLAYS
AND
EXPENDITURES**

TABLE E-1

OUTLAYS AND EXPENDITURE FOR FISHERIES
DEVELOPMENT OVER PLANS

Rs (Crores)

Plan	Outlay/ Expenditure	Central Sector Scheme	Centrally sponsored Schemes	State Schemes	Total
First Plan	Outlay	1.00	@	4.13	5.13
	Exp.	0.38	@	2.40	2.78
Second Plan	Outlay	3.73	@	8.53	12.26
	Exp.	1.80	@	7.26	9.06
Third Plan	Outlay	6.72	@	21.55	28.27
	Exp.	3.03	@	20.29	23.32
Annual Plans (1966-69)	Outlay	15.30	@	26.91	42.21
	Exp.	9.04	@	23.63	32.67
Fourth Plan	Outlay	28.00	6.00	48.68	82.68
	Exp.	8.11	5.17	40.83	54.11
Fifth Plan	Outlay	51.05	17.00	83.19	151.24
	Exp.	39.93	4.07	71.11	115.11
Sixth Plan	Outlay	137.10	36.62	197.42	371.14
	Exp.	75.54	28.80	182.61	286.95
Seventh Plan	Outlay	156.58	60.75	329.19	546.52
	Exp.	116.93	53.26	307.40	477.59
Annual Plans (1990-92)	Outlay	25.45	55.16	212.13	292.74
	Exp.	16.48	43.73	211.90	272.11
Eighth Plan	Outlay	139.00	300.00	766.39	1205.39
	Exp.	161.01	268.02	689.43	1118.46
Ninth Plan	Outlay	240.00	560.00	1269.78	2069.78
	Exp	124.97	273.18	1016.26	1414.41
Tenth Plan	Outlay	417.36	388.50	1140.58	1946.44
	Exp (Up to 2004-05)	223.25	397.17	542.83	1163.25
Eleventh Plan	Outlay	1946.00	830.00	--	
	Exp 2007-08	86.45	75.71	--	

@ Figures given under Central Sector include those of Centrally Sponsored Schemes

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.



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

S. No.	State/Union Territory	Sixth Plan		Seventh Plan		Eighth Plan		Ninth Plan		Tenth Plan	
		Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure (up to 2004-05)
1	Andhra Pradesh	1400.00	1554.62	2140.00	2377.56	9806.00	1620.00	5184.00	1986.00	2552.14	590.01
2	Arunachal Pradesh	78.00	120.65	250.00	247.93	565.00	735.00	1881.00	954.00	1201.34	751.89
3	Assam	600.00	570.31	1000.00	1717.42	2285.00	2789.00	9976.00	5534.00	5499.5	2011.13
4	Bihar	696.00	630.39	950.00	1050.73	2605.00	725.00	1000.00	672.00	1081	389.33
5	Chattisgarh	60.00	57.32	80.00	49.34	60.00	73.10	125.00	92.00	1499.19	800.28
6	Delhi	400.00	317.41	500.00	444.05	1000.00	644.00	792.00	686.00	2424.41	397.16
7	Goa	2000.00	1914.90	2426.00	2108.37	3700.00	3626.00	10400.00	6367.00	6132	2769
8	Gujarat	195.00	378.23	750.00	679.34	1506.00	1277.00	1738.00	2354.00	2865	1390.13
9	Himachal Pradesh	180.00	151.00	430.00	329.67	800.00	1058.00	1450.00	1370.00	899.34	513.25
10	Jammu & Kashmir	230.00	242.28	450.00	534.17	920.00	1155.00	2750.00	2354.00	4215.73	2741.26
11	Jharkhand	1303.00	1145.07	2000.00	1470.46	4300.00	8098.00	11050.00	5215.00	3367.59	1428.84
12	Karnataka	2000.00	2079.19	4000.00	3294.41	10500.00	11337.00	17608.00	14984.00	17578	2964.01
13	Kerala	700.00	592.15	1048.00	909.64	1708.00	2028.00	4792.00	2995.00	3137.93	7724.74
14	Madhya Pradesh	1207.00	1471.54	1600.00	1783.90	2914.00	2736.00	4188.00	5138.00	6993.51	1377.27
15	Maharashtra	250.00	270.17	465.00	504.89	800.00	956.00	2000.00	922.00	995.67	237.64
16	Manipur	90.00	110.09	180.00	201.49	350.00	413.00	1400.00	521.00	1179	271.79
17	Meghalaya	60.00	76.27	100.00	174.10	225.00	334.00	450.00	586.00	946	420.27
18	Mizoram	70.00	108.94	300.00	351.79	650.00	571.00	2000.00	715.00	1297	544.47
19	Nagaland	1000.00	944.57	1260.00	2670.53	10464.00	5263.00	5418.00	6955.00	2272.98	801.47
20	Orissa	175.00	210.27	598.00	536.76	1782.00	1048.00	1952.00	1049.00	543.13	24.74
21	Punjab	225.00	185.14	400.00	274.99	955.00	590.00	770.00	376.00	251.93	96.58
22	Rajasthan	100.00	71.35	120.00	79.95	150.00	150.00	200.00	178.00	245	123.64
23	Tamil Nadu	2400.00	1042.43	2400.00	1467.94	3150.00	7817.00	9984.00	11178.00	7587.03	9747.96
24	Tripura	333.00	419.52	600.00	1149.86	2200.00	1883.00	1988.00	1635.00	2251.32	695.97
25	Uttaranchal	659.00	953.00	1250.00	1239.74	2150.00	2380.00	2800.00	3023.00	1144.54	325.62
26	Uttar Pradesh	2700.00	2012.34	6175.00	3917.40	7917.00	6164.00	18713.00	18214.00	3951	1439
27	West Bengal	200.00	126.41	405.00	150.98	1121.00	1387.29	2484.00	1829.00	16063	8039.31
28	A & N Islands	10.00	9.25	17.40	17.17	26.00	16.88	500.00	19.00	4440.6	1134.83
29	Chandigarh	5.00	0.00	5.00	3.08	10.00	5.26	11.00	3.04	149	33.21
30	Dadra & Nagar Haveli	175.00	154.72	520.00	136.55	202.00	203.29	322.00	316.00	2	0
31	Daman & Diu	241.00	341.25	500.00	327.15	938.00	817.31	1552.00	1094.00	376	159.46
32	Lakshadweep	175.00	154.72	520.00	327.15	938.00	817.31	1552.00	1094.00	1188	387.01
33	Puducherry	241.00	341.25	500.00	538.95	880.00	1042.63	1500.00	1403.00	4631	1720.77
Total		19742.00	18260.78	32919.40	30740.31	76639.00	68942.76	126978.00	101626.04	114058.16	54282.88

Source: Planning Commission

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

(Rs.in Lakhs)

Sl. No.	State / UT	Annual Plan 2002-03		Annual Plan 2003-04		Annual Plan 2004-05		Annual Plan 2005-06	Annual Plan 2006-07
		Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure	Outlay	Outlay
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1	Andhra Pradesh	189.00	230.17	153.55	139.39	178.36	220.45	802.66	1034.36
2	Arunachal Pradesh	250.00	296.23	250.00	251.02	203.21	204.64	200.00	240.00
3	Assam	1539.00	537.29	964.00	559.34	914.50	914.50	2082.00	
4	Bihar	180.00	114.02	175.00	159.28	206.00	116.03	306.57	400.00
5	Chattisgarh	246.00	223.00	276.00	332.00	251.00	245.28	408.85	595.20
6	Delhi	14.00	8.79	4.50	4.23	7.00	1.81	7.00	4.00
7	Goa	174.00	89.67	163.76	142.53	226.18	164.96	629.96	1185.65
8	Gujarat	1214.00	852.02	1214.00	848.98	1068.00	1068.00	1068.00	1568.00
9	Haryana	715.00	422.07	500.00	490.20	500.00	477.86	600.00	600.00
10	Himachal Pradesh	221.00	263.86	147.90	124.08	138.86	125.31	191.15	202.84
11	Jammu & Kashmir	702.13	775.13	851.00	900.44	1069.20	1065.69	1004.20	700.00
12	Jharkhand	421.00	445.71	432.37	333.64	667.00	649.49	700.20	1137.39
13	Karnataka	852.00	1248.63	842.83	820.76	894.62	894.62	937.79	1216.58
14	Kerala	3000.00	4247.73	1885.00	1733.63	1564.60	1743.38	2336.64	5838.00
15	Madhya Pradesh	570.00	445.32	598.07	433.81	589.00	498.14	1121.79	701.34
16	Maharashtra	1086.00	798.52	849.04	617.24	101.95	800.25	1017.31	3659.20
17	Manipur	140.00	75.84	191.00	62.97	100.00	98.83	184.67	380.00
18	Meghalaya	110.00	74.25	109.00	95.15	120.00	102.39	390.00	440.00
19	Mizoram	117.00	116.01	122.00	121.04	182.00	183.22	230.00	280.00
20	Nagaland	90.00	106.45	305.00	305.00	240.00	133.02	280.00	430.00
21	Orissa	180.00	427.29	145.99	205.88	145.99	168.30	391.00	1195.00
22	Punjab	27.00	21.07	23.80	3.67	17.67	0.00	141.13	171.00
23	Rajasthan	44.00	38.16	36.35	19.62	39.15	38.80	62.34	70.25
24	Sikkim	45.00	45.10	40.00	38.19	40.00	40.35	60.00	60.00
25	Tamil Nadu	1780.00	1293.26	2206.13	4513.03	2052.52	3941.67	1593.30	
26	Tripura	232.00	232.36	230.79	220.55	506.99	243.06	375.80	933.00
27	Uttaranchal	87.00	46.49	739.18	57.00	237.21	222.13	153.33	580.00
28	Uttar Pradesh	619.00	532.50	647.00	451.09	350.00	455.41	826.00	592.00
29	West Bengal	2055.00	1683.78	2973.00	2702.29	3345.00	3653.24	3295.00	3915.00
30	A & N Islands	450.00	416.51	500.00	393.26	407.00	325.06	683.60	2400.00
31	Chandigarh	58.00	3.94	37.00	20.76	20.00	8.51	34.00	
32	Dadra & Nagar Haveli	0.00		0.00	0.00	0.00	0.00	1.00	1.00
33	Daman & Diu	52.00	53.16	52.00	42.60	53.00	63.70	104.00	115.00
34	Lakshadweep	190.00	132.49	180.00	118.48	177.00	136.04	190.00	431.00
35	Puducherry	323.85	322.20	560.17	557.18	844.20	841.39	1472.09	1053.00
Total		17972.98	16619.02	18405.43	17818.33	17457.21	19845.53	23881.38	32128.81

Source : Planning Commission

TABLE E-4

**STATE SECTOR PLAN OUTLAYS
DURING 2007 - 2008 AND 2008-09 OF 11TH FIVE YEAR PLAN
FOR FISHERIES DEVELOPMENT**

(Rs. Lakhs)

Sl. No.	State / UT	Annual plan 2007-08 Outlay	Annual plan 2008-09 Outlay
1.	2.	3	4
1	Andhra Pradesh	1034.36	5104.36
2	Arunachal Pradesh	252	
3	Assam	1895	1950
4	Bihar	400	550
5	Chattisgarh	596.65	513.28
6	Delhi	5.5	12
7	Goa	1258.18	
8	Gujarat	2500	
9	Haryana	470	820
10	Himachal Pradesh	238.75	240.7
11	Jammu & Kashmir	700	750
12	Jharkhand	1505	2000
13	Karnataka	5980	8196
14	Kerala	5166	9069
15	Madhya Pradesh	800	1096
16	Maharashtra		4005.48
17	Manipur	322	360
18	Meghalaya	450	500
19	Mizoram	300	400
20	Nagaland	342	475
21	Orissa	1515	1795
22	Punjab	327	261
23	Rajasthan	85	38.92
24	Sikkim	70	75
25	Tamil Nadu	10314.36	9474.1
26	Tripura	1066	1119.38
27	Uttaranchal	754.38	998.54
28	Uttar Pradesh	1448	1660
29	West Bengal	4485	5888
30	A & N Islands	440	880
31	Chandigarh		54
32	Dadra & Nagar Haveli	0	0
33	Daman & Diu	72	80
34	Lakshadweep	2051	2394
35	Puducherry	1253	13.38
Total		48096.18	60773.14

Source : Planning Commission

TABLE E-5

**PROFILE OF PLAN SCHEMES FOR FISHERIES
DEVELOPMENT, TENTH PLAN - 2002-2007**

(Rs. Lakhs)

S.No.	Scheme	Outlay	Allocation	Expenditure
1	Central Institute of Fisheries Nautical & Engineering Training (CIFNET)	3885	2072	1383
2	Central Institute of Coastal Engineering for Fishery (CICEF)	55	57	55
3	National Institute for Fisheries Post Harvest Technology and Training (NIFPHATT) (earlier IFP)	560	710	468
4	Fishery Survey of India (FSI)	13000	20487	15051
5	Fisheries & Training Extension	1500	690	861
6	Strengthening of Database and Information Networking for the Fisheries Sector	4500	2810	1525
7	Development of Marine Fisheries, Infrastructure and Post Harvest Operations	25000	17600	18298
8	Development of Inland Fisheries and Aquaculture	13500	9650	8870
9	National Scheme of Welfare of Fishermen	12000	10910	11687
10	National Fisheries Development Board (NFDB)	15600	3000	
11	Debt Recovery Tribunal	-	0	842
Total		89600	67986	59040

TABLE E-6

PROFILE OF PLAN SCHEMES FISHERIES DEVELOPMENT, ELEVENTH PLAN 2007-12

(Rs. Lakhs)

S. No.	Scheme	Approved Outlay		2007-08		2007-08		2008-09		2008-09		2009-10		2009-10	
		BE	Exp	BE	Exp	BE	Exp	BE	Exp	BE	Exp	BE	Exp		
1	Central Institute of Fisheries Nautical & Engineering Training (CIFNET)	6000	439	1030	439	700	653	2846	700	653	2846	700	653	2846	700
2	Central Institute of Coastal Engineering for Fishery (CICEF)	100	0	0	0	10	13	285	10	13	285	10	13	285	10
3	National Institute for Fisheries Post Harvest Technology and Training (NIFPHATT) (earlier IFP)	1000	140	159	140	200	166	457	200	166	457	200	166	457	200
4	Fishery Survey of India (FSI)	30000	2813	3004	2813	3850	3020	5299	3850	3020	5299	3850	3020	5299	3850
5	Fisheries & Training Extension	0	150	150	150										
6	Strengthening of Database and Geographical Information System for the Fisheries Sector	2500	253	280	253	300	240	631	300	240	631	300	240	631	300
7	Development of Marine Fisheries, Infrastructure and Post Harvest Operations	30000	4149	4050	4149	4500	4499	6000	4500	4499	6000	4500	4499	6000	4500
8	Development of Inland Fisheries and Aquaculture	35000	1284	1203	1284	1200	1290	1790	1200	1290	1790	1200	1290	1790	1200
9	National Scheme of Welfare of Fishermen	18000	2138	2088	2138	2500	2514	3300	2500	2514	3300	2500	2514	3300	2500
10	National Fisheries Development Board (NFDB)	155000	5000	5000	5000	4690	4690	13500	4690	4690	13500	4690	4690	13500	4690
11	Debt Recovery Tribunal														
	Total	277600	16216	16964	16216	17950	17085	66995	17950	17085	66995	29850	17085	66995	29850



F:

FISHERY

RESOURCES

TABLE F-1

MARINE FISHERIES RESOURCES - COASTAL STATES
AND UNION TERRITORIES OF INDIA

Rs (Crores)

S. 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	271	498	129246	509991
2	Goa	104	10	34	39	1963	10668
3	Gujarat	1600	184	123	263	59889	323215
4	Karnataka	300	27	88	156	30176	170914
5	Kerala	590	40	178	222	120486	602234
6	Maharashtra	720	112	152	406	65313	319397
7	Orissa	480	26	57	641	86352	450391
8	Tamil Nadu	1076	41	352	581	192152	790408
9	West Bengal	158	17	44	346	53816	269565
10	A & N	1912	35	25	100	3275	15266
11	Daman & Diu	27	-	7	22	5278	29305
12	Lakshadweep	132	4	19	20	5381	40322
13	Puducherry	45	1	26	28	11541	43028
Total		8118	530	1376	3322	764868	3574704

Source : State Government / Union Territory Administrations



TABLE F-2

INLAND FISHERY RESOURCES BY STATES AND UNION TERRITORIES

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

Source : State Government / Union Territory Administrations

TABLE F-3

POTENTIAL OF FISHERY RESOURCES IN THE INDIAN EXCLUSIVE ECONOMIC ZONE

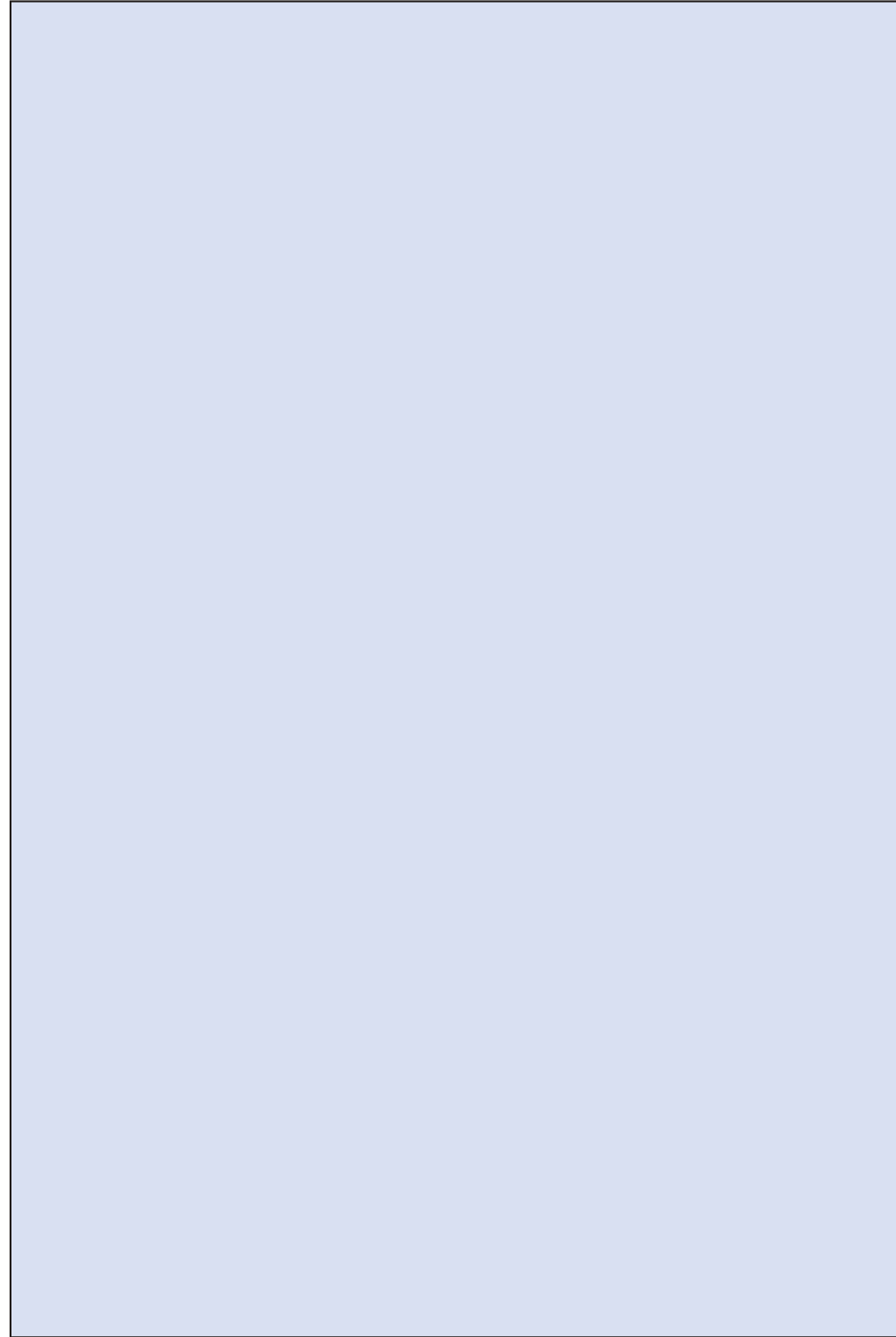
(million tonnes)

Depth range (m)	0-50	50-200	200-500	Oceanic	Total
1	2	3	4	5	6
Demersal	1.28	0.63	0.03	--	1.93
Neretic Pelagic	1.00	0.74	--	--	1.74
Oceanic Pelagic	--	--	--	0.25	0.25
Total	2.28	1.37	0.03	0.25	3.92
Percent to total	58.15	34.86	0.71	6.27	100.00

Depth range	West Coast	East Coast	Lakshadweep	Andaman & Nicobar	Total
1	2	3	4	5	6
Demersal	1.25	0.66		0.02	1.93
			0.004*		
Pelagic	1.11	0.43	0.06	0.14	1.74
Oceanic				0.25	0.25
Total	2.36	1.09	0.06	0.41	3.92
Percent to total	60.17	27.83	1.61	10.39	100.00

* Demersal resources from 300-500m depth zone (except from Lat. 8 -10 N along west coast)

Source : Fishery survey of India (FSI), Mumbai.



G :

INTERNATIONAL COMPARISONS



TABLE G-1

CONTRIBUTION OF INDIA TO WORLD FISH
PRODUCTION-SELECTED YEARS

('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	880	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	143648	101990	41658	7014	3159	3855

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

Source : Food and Agriculture Organisation,(FAO)

TABLE G-3

**AVERAGE ANNUAL GROWTH RATE IN FISH
PRODUCTION**

Period	Total	Rest of the World			India	
		Marine	Inland	Total	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	0.67	-1.36	6.03	5.35	5.48	5.24

Source : Food and Agriculture Organisation,(FAO)

TABLE G-4 FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 1991-2006

S. No.	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
		('000 tonnes)																
1	China	14253	16579	19708	23834	28418	31897	35038	38025	40030	41568	42579	44320	45642	47508	49468	51522	
2	Peru	6898	7502	9005	11999	8937	9515	7870	4338	8429	10658	7991	8777	6100	9635	9417	7046	
3	Japan	9301	8549	8088	7398	6787	6763	6733	6030	5961	5752	5503	5187	5494	5178	4819	4921	
4	Chile	6006	6501	6036	7838	7591	6909	6083	3558	5324	4692	4363	4818	4176	5610	5029	4971	
5	USA	5490	5604	5941	5926	5638	5395	5422	5154	5288	5173	5424	5435	5483	5566	5361	5325	
6	Russian Fed.	7006	5612	4461	3780	4374	4729	4715	4571	4210	4048	3718	3334	3390	3051	3306	3390	
7	Indonesia	3352	3440	3685	3914	4147	4291	4453	4595	4736	4928	4894	5237	5624	5856	5578	6052	
8	Norway	2173	2562	2579	2584	2802	2970	3231	3272	3096	3191	3198	3291	3132	3160	3050	2964	
9	Rep. of Korea	2514	2696	2649	2701	2688	2772	2596	2354	2423	2146	2285	1968	2031	1981	2075	2264	
10	India	4045	4233	4606	4785	4951	5231	5386	5276	5592	5689	5897	5924	6025	6088	6319	6879	
11	Thailand	2972	3246	3385	3522	3573	3561	3429	3522	3620	3630	3648	3797	3914	4018	3743	4162	
12	Philippines	2312	2272	2226	2232	2222	2133	2136	2145	2201	2280	2384	2474	2626	2724	2804	2942	
13	Iceland	1047	1574	1715	1557	1612	2060	2206	1682	1736	1982	1985	2133	1984	1737	1669	1335	
14	Denmark	1751	1954	1614	1873	1999	1681	1827	1557	1405	1534	1552	1474	1074	1132	950	905	
15	Mexico	1373	1157	1103	1192	1329	1464	1489	1175	1202	1314	1475	1524	1540	1539	1422	1459	
16	Spain	1284	1243	1204	1273	1405	1400	1438	1578	1511	1289	1405	1215	1210	1167	1070	1243	
17	Argentina	640	703	931	953	1160	1256	1361	1139	1037	918	950	960	918	953	934	1185	
18	Malaysia	978	1105	1154	1182	1245	1239	1281	1287	1407	1441	1393	1441	1454	1507	13905	1465	
19	Vietnam	996	1036	1115	1364	1466	1637	1681	1707	1853	1952	2313	2506	2794	3078	3367	3618	
20	Taiwan	1306	1314	1411	1249	1288	1230	1295	1332	1347	1338	1303	1373	1486	1226	1986	1848	
21	Total for above countries	75697	78882	82616	91156	93632	97133	99670	94297	102408	105523	104260	107188	106097	112714	126272	115596	
22	WORLD TOTAL	98261100885	104477112559	116412120199	122542117790	126652130434	131002133651	133187140492	142691143648									

Source : Food and Agriculture Organisation,(FAO)

TABLE G-5 PERCENTAGE SHARE OF MAJOR FISH PRODUCING COUNTRIES IN WORLD FISH PRODUCTION, 1991-2006

S. No.	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
		('000 tonnes)																
1	China	14.51	16.43	18.86	21.17	24.41	26.54	28.59	32.28	31.61	31.87	32.50	33.16	34.27	33.82	34.67	35.87	
2	Peru	7.02	7.44	8.62	10.66	7.68	7.92	6.42	3.68	6.66	8.17	6.10	6.57	4.58	6.86	6.60	4.91	
3	Japan	9.47	8.47	7.74	6.57	5.83	5.63	5.49	5.12	4.71	4.41	4.20	3.88	4.13	3.69	3.38	3.43	
4	Chile	6.11	6.44	5.78	6.96	6.52	5.75	4.96	3.02	4.20	3.60	3.33	3.60	3.14	3.99	3.52	3.46	
5	USA	5.59	5.55	5.69	5.26	4.84	4.49	4.42	4.38	4.18	3.97	4.14	4.07	4.12	3.96	3.76	3.71	
6	Russian Fed.	7.13	5.56	4.27	3.36	3.76	3.93	3.85	3.88	3.32	3.10	2.84	2.49	2.55	2.17	2.32	2.36	
7	Indonesia	3.41	3.41	3.53	3.48	3.56	3.57	3.63	3.90	3.74	3.78	3.74	3.92	4.22	4.17	3.91	4.21	
8	Norway	2.21	2.54	2.47	2.30	2.41	2.47	2.64	2.78	2.44	2.45	2.44	2.46	2.35	2.25	2.14	2.06	
9	Rep. of Korea	2.56	2.67	2.54	2.40	2.31	2.31	2.12	2.00	1.91	1.65	1.74	1.47	1.52	1.41	1.45	1.58	
10	India	4.12	4.20	4.41	4.25	4.25	4.35	4.40	4.48	4.42	4.36	4.50	4.43	4.52	4.33	4.43	4.86	
11	Thailand	3.02	3.22	3.24	3.13	3.07	2.13	2.80	2.99	2.86	2.78	2.78	2.84	2.94	2.86	2.62	2.90	
12	Philippines	2.35	2.25	2.13	1.98	1.91	1.77	1.74	1.82	1.74	1.75	1.82	1.85	1.97	1.94	1.97	2.05	
13	Iceland	1.07	1.56	1.64	1.38	1.38	1.71	1.80	1.43	1.37	1.52	1.52	1.60	1.49	1.24	1.17	0.93	
14	Denmark	1.78	1.94	1.54	1.66	1.72	1.40	1.49	1.32	1.11	1.18	1.18	1.10	0.81	0.81	0.67	0.63	
15	Mexico	1.40	1.15	1.06	1.06	1.14	1.22	1.22	1.00	0.95	1.01	1.13	1.14	1.16	1.10	1.00	1.02	
16	Spain	1.31	1.23	1.15	1.13	1.21	1.16	1.17	1.34	1.19	0.99	1.07	0.91	0.91	0.83	0.75	0.87	
17	Argentina	0.65	0.70	0.89	0.85	1.00	1.04	1.11	0.97	0.82	0.70	0.73	0.72	0.69	0.68	0.65	0.82	
18	Malaysia	1.00	1.10	1.10	1.05	1.07	1.03	1.05	1.09	1.11	1.10	1.06	1.08	1.09	1.07	0.974	1.02	
19	Vietnam	1.01	1.03	1.07	1.21	1.26	1.36	1.37	1.45	1.46	1.50	1.77	1.88	2.10	2.19	2.36	2.52	
20	Taiwan	1.33	1.30	1.35	1.11	1.11	1.02	1.06	1.13	1.06	1.03	0.99	1.03	1.12	0.87	1.39	1.29	
21	Total for above countries	77.04	78.19	79.08	80.99	80.43	80.81	81.34	80.06	80.86	80.90	79.59	80.20	79.66	80.23	88.49	80.47	
22	WORLD TOTAL	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	

Source : Food and Agriculture Organisation,(FAO)

TABLE G-6 INLAND FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 1991-2006

S. No.	Country	(000 tonnes)															
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1	China	5536	6235	7517	9079	10836	12473	13898	15089	16013	16820	17315	18354	18392	18468	19592	20803
2	Peru	43	33	38	49	51	29	32	35	37	33	33	30	33	44	47	45
3	Japan	130	118	110	109	107	109	100	93	84	83	71	71	68	106	96	83
4	Chile	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	11
5	USA	232	269	277	258	256	264	295	310	324	311	317	329	342	393	380	357
6	Russain Fed.	396	377	306	289	270	281	275	329	369	358	287	298	286	288	333	314
7	Indonesia	520	550	593	632	660	719	633	619	697	734	784	798	847	1128	1208	1253
8	Norway	0	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1
9	Rep. of Korea	33	40	26	26	25	25	25	20	12	15	2273	1957	2018	36	227	24
10	India	1655	1721	1930	1989	2197	2321	2436	2512	2744	2838	2967	2817	2918	3201	3663	3855
11	Thailand	253	266	327	361	380	435	427	425	452	471	465	474	527	727	738	741
12	Philippines	315	328	308	309	276	262	257	225	234	257	265	275	275	546	278	645
13	Iceland	1	1	1	1	1	1	0	0	0	0	0	0	0	2	1	1
14	Denmark	0	1	0	0	0	0	0	0	0	0	0	0	0	34	29	28
15	Mexico	126	123	124	125	127	136	131	114	106	123	114	105	123	143	148	150
16	Spain	11	9	9	7	9	9	9	9	9	9	1397	1206	1201	39	36	35
17	Argentina	10	11	12	14	160	18	20	22	25	27	34	31	33	37	38	46
18	Malaysia	12	16	14	17	19	22	29	35	41	51	44	48	53	60	67	67
19	Vietnam	248	249	269	350	391	505	489	450	524	542	627	669	809	914	1105	1308
20	Taiwan	80	74	85	82	78	70	66	58	79	70	101	102	105	210	194	176
21	Total for above countries	9601	10422	11946	13697	15843	17679	19122	20345	21750	22743	27095	27565	28030	26380	28191	29943
22	WORLD TOTAL	13597	14556	16125	17900	20191	22161	23759	25197	27183	28602	29452	30698	31359	36696	39290	41658

Source : Food and Agriculture Organisation,(FAO)

TABLE G-7 MARINE FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 1991-2006

S. No.	Country	(000 tonnes)															
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1	China	8717	10344	12171	14755	17582	19424	21139	22936	24017	24748	25264	25966	27250	32260	32874	33462
2	Peru	6854	7469	8966	11950	8886	9486	7838	4303	8391	10625	7958	8747	6066	9590	9373	7005
3	Japan	9171	8431	7978	7289	6679	6654	6632	5937	5876	5669	5432	5117	5426	5587	5654	5601
4	Chile	6006	6501	6036	7838	7591	6909	6083	3558	5325	4692	4363	4818	4176	5998	5442	5292
5	USA	5258	5335	5663	5668	5382	5130	5127	4844	4904	4863	5107	5106	5142	5209	5094	5020
6	Russain Fed.	6610	5236	4155	3492	4104	4448	4440	4189	3841	3690	3431	3036	3104	2822	3030	3142
7	Indonesia	2832	2890	3092	3283	3487	3572	3820	3975	4039	4195	4111	4439	4777	5003	5633	6056
8	Norway	2172	2561	2579	2584	2801	2970	3230	3271	3095	3191	3197	3290	3131	3309	3208	3113
9	Rep. of Korea	1481	2656	2623	2674	2663	2746	2571	2334	2410	2132	2273	1957	2018	2502	2691	3044
10	India	2390	2512	2676	2796	2754	2910	2949	2763	2848	2852	2967	2817	2918	2989	2995	3159
11	Thailand	2719	2980	3058	3161	3193	3125	3002	3097	3169	3160	3183	3323	3387	3373	3380	3364
12	Philippines	1997	1943	1918	1924	1946	1870	1880	1920	1967	2023	2119	2199	2350	3386	3590	3769
13	Iceland	1047	1574	1715	1556	1612	2059	2205	1681	1734	1982	1985	2133	1984	1763	1693	1355
14	Denmark	1751	1953	1614	1873	1999	1681	1826	1557	1405	1534	1552	1474	1074	1100	920	877
15	Mexico	1247	1035	978	1066	1202	1328	1358	1061	1096	1191	1361	1420	1417	1248	1311	1367
16	Spain	1274	1234	1195	1266	1396	1392	1429	1569	1502	1280	1397	1206	1201	1063	1033	1209
17	Argentina	630	692	919	939	1144	1238	1341	1117	1012	890	916	929	885	911	896	1139
18	Malaysia	966	1089	1140	1164	1226	1217	1252	1252	1366	1390	1349	1393	1401	1482	1357	1431
19	Vietnam	748	787	846	1013	1075	1132	1191	1257	1329	1410	1686	1837	1985	2194	2292	2356
20	Taiwan	1226	1240	1325	1167	1210	1160	1229	1274	1268	1267	1202	1270	1381	1098	1130	1108
21	Total for above countries	65096	68462	70647	77458	77932	80451	80542	73895	80594	82784	80853	82477	81073	92887	93596	92869
22	WORLD TOTAL	84664	86329	88351	94659	96220	98038	98783	92593	99468	101831	101550	102953	101828	103796	103401	101990

Source : Food and Agriculture Organisation,(FAO)

TABLE G-8 FISH PRODUCTION FROM INDIAN OCEAN, TOTAL 1991-2006 (Inland Capture)

S. No.	Country	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
		(in tonnes)																
1	India	471566	373287	575905	552874	608378	633425	641775	692439	696083	796714	975403	775599	757353	527290	843746	892639	
2	Thailand	138121	135239	175140	193918	186665	213934	195463	203735	206493	209404	202500	198700	198400	203200	198730	214000	
3	Indonesia	293538	301689	308572	333302	331623	335430	304078	288666	327627	328670	310240	304989	308656	331249	297864	304141	
4	Myanmar	138687	141281	142065	146365	148347	146494	149069	149279	159746	189708	238210	254880	290140	454260	503540	631120	
5	Malaysia	1458	1773	1971	2064	3939	3683	3949	4626	3366	3549	3446	3450	3828	4119	4582	4165	
6	Pakistan	103153	109087	109185	118703	121405	142092	167530	163524	179865	176468	180100	181000	165703	93687	94644	140000	
7	Bangladesh	430843	429205	452109	517746	527739	535617	534285	538689	649418	670465	688920	688435	709333	732067	589269	956686	
8	Iran Islamic Rep.	60497	61737	75021	89157	88800	109286	103795	140263	143400	151000	88335	58853	50994	55825	67066	71405	
9	Sri Lanka	19832	17500	15000	9500	15250	22250	27250	29900	31450	36700	26330	25570	26920	30780	31560	35290	
10	Australia	2600	3757	3211	584	1724	1766	1790	1867	3010	2200	185	156	196	317	501	335	
11	Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	United Arab Emi.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Yemen																	
14	Maldives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	Madagascar	27500	27500	30000	30000	30000	30000	30000	30000	30000	30000	30000	30000	30000	31500	32650	32750	
16	Tanzania	271970	275150	294582	247614	317029	262276	306750	300000	260020	280000	283000	273850	301855	312040	320566	292519	
17	Egypt	155953	180400	186700	199300	228930	230660	243609	250181	225300	253470	295422	292645	313371	282099	242100	256288	
18	Saudi Arabia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	Mozambique	3800	3800	4689	4925	5093	7510	11668	8994	10243	13088	5284	12156	10948	27760	22991	26017	
20	Somalia	300	250	250	250	250	250	250	250	250	200	200	200	200	400	150	0	
21	Maritius	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	Comoros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	Iraq	13360	17530	17808	20926	22955	19049	20519	9111	11513	9700	14100	11900	13200	10581	23570	46300	
24	Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	Kuwait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Others Countries																	
1	Spain	10707	8796	9215	6284	8869	8710	8710	8710	8710	8710	8710	8710	8710	6000	6000	6000	
2	Taiwan											591	599	2292	245	197	149	
3	France	4000	4350	4400	4450	4500	4540	4540	4500	2134	2131	2130	2130	2130				
4	Japan	106951	96739	91032	92209	91455	93503	85612	78822	71270	70612	61354	61271	59882	60015	53958	41702	
5	Korea Rep.	22608	25483	12263	10492	9646	8034	6934	6845	6316	7141	5971	5690	7539	10302	7500	6447	
	Total	2277444	2214553	2509121	2580663	2752597	2808509	2847576	2910401	3026214	3239930	3420431	3187783	3261650	3173736	3341184	3957953	

Source : Food and Agriculture Organisation, (FAO)

H : PRICE INDICES



TABLE H-1

INDICES OF WHOLE SALE PRICES

Year	Fish	Meat	Food Articles	All Commodities
Base 1970-71=100				
1971	103.1	106.6	101	105.3
1972	115.5	114.7	107.9	113
1973	133.8	142.2	128.6	131.6
1974	159.3	182.2	165.3	169.2
1975	157.8	202.5	170.8	175.8
1976	172.7	191.7	152.2	172.4
1977	192.3	215.9	170.8	185.4
1978	228.8	235.9	173.4	184.9
1979	252.7	255.6	181.4	206
1980	267	306.4	200.7	248.1
1981	246.6	330.4	230.3	378.4
Base 1981-81=100				
1982	118.7	112.8	110	104.3
1983	127.7	119	123.6	110.8
1984	123.3	124.5	130.8	118.5
1985	140.8	138.4	133.1	124
1986	150.5	147.5	145	130.9
1987	156.2	155.3	155.9	140
1988	164.3	167.9	174.1	152.2
1989	170.1	176.9	179.8	162.5
1990	193.5	188.9	191.6	177.2
1991	216.4	214.1	230.3	201.4
1992	264.8	249.5	266.8	224.7
1993	331.2	283.8	281.8	242.1
1994	441.4	343.9	303.6	267.3
1995	535.1	392.3	331.1	292.4
Base 1993-94=100				
1996	270.6	600	132.5	125.6
1997	337.4	667.1	140.3	131.6
1998	368.4	673.8	156.5	138.9
1999	368.8	696.3	163.2	143.8
2000	429.9	718.3	169.8	152.8
2001	439.3	730.4	174.3	160.7
2002	472.3	726.5	178.6	164.7
2003	464.9	702.4	181.0	173.4
2004	467.2	726.5	185.1	184.9
2005	520.6	763.4	192.4	193.7
2006	565.7	827.3	205.6	203.0
2007	573.9	921.8	220.0	212.8

Source : Economic Advisor's Office



TABLE H-4

WHOLESALE PRICES OF ROHU AND BHETKI AT WEST BENGAL

(Wholesale Prices in Rs. Per Quintal)

Month	1999		2000		2001		2002		2003	
	(Rohu)	(Bhetki)	(Rohu)	(Bhetki)	(Rohu)	(Bhetki)	(Rohu)	(Bhetki)	(Rohu)	(Bhetki)
January	3800	9000	4000	8500	5500	12000	7000	13000	5400	NA
February	3700	9000	4000	9000	5500	12000	7000	12500	5400	NA
March	3700	9000	4100	9000	5500	12000	8000	12000	5200	12000
April	3700	9000	4300	9200	6000	12000	7000	12000	5700	12500
May	3700	9500	4300	10500	5500	12500	6000	12500	5800	12900
June	3600	9000	4300	10500	6000	12500	6000	12500	5850	13000
July	3600	9500	4200	10000	6000	13500	6000	12500	5300	11800
August	3600	9000	4200	10500	5500	12000	5500	12500	5300	11500
September	3700	9000	4400	12000	5500	12000	5200	12500	5500	11400
October	3700	7500	5000	12500	6000	12000	5800	13000	5400	11000
November	3800	7500	5500	12500	7000	13000	5800	13200	5500	10900
December	3800	8000	5500	12000	7000	13000	5500	13500	5500	10800

Month	2004		2005		2006		2007		2008	
	(Rohu)	(Bhetki)	(Rohu)	(Bhetki)	(Rohu)	(Bhetki)	(Rohu)	(Bhetki)	(Rohu)	(Bhetki)
January	5600	10800	5800	13000	6000	13000	5300	NR	NR	NR
February	5800	11000	5800	13000	6000	13500	5300	NR	NR	NR
March	5800	12000	5850	13000	6000	13500	5400	NR	NR	NR
April	5900	12000	5850	13000	6000	14000	5800	NR	NR	NR
May	5900	12000	5850	13100	6200	NR	NR	NR	NR	NR
June	5900	12000	6000	13100	6200	NR	NR	NR	NR	NR
July	5900	12000	6200	13150	6250	NR	NR	NR	NR	NR
August	5900	12400	6100	13200	6300	NR	NR	NR	NR	NR
September	6000	12000	6000	13300	6450	NR	NR	NR	NR	NR
October	5800	11500	6000	13500	6700	NR	NR	NR	NR	NR
November	5800	11400	6000	14000	6500	NA	NA	NR	NR	NR
December	5800	11350	6000	14000	6000	NR	NR	NR	NR	NR

Source : Directorate of Economics & Statistics.

TABLE H-5

RETAIL PRICES OF ROHU AT KOLKATA

(Retail Prices in Rs. per kg)

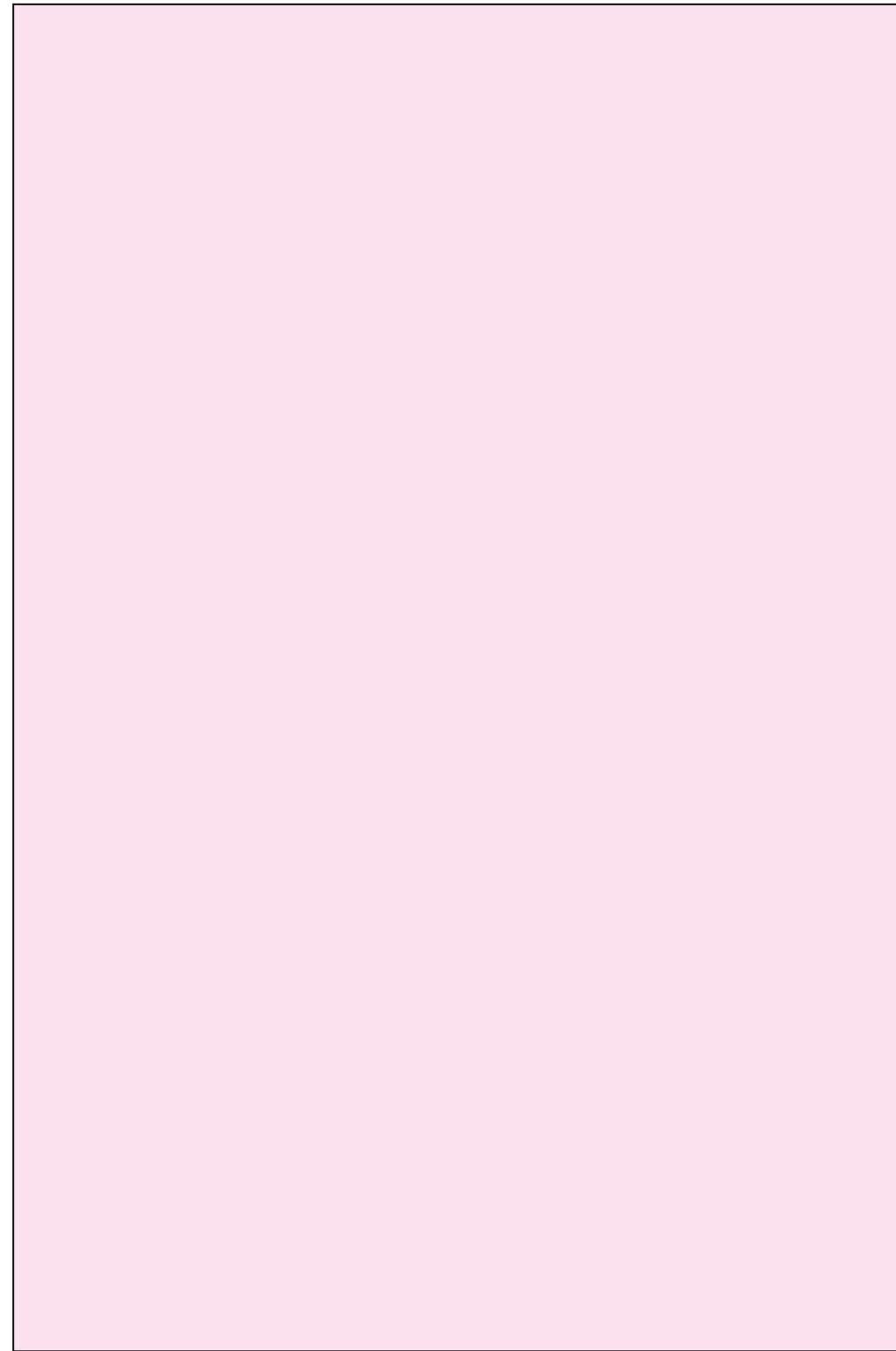
Month	1999-2000	2000-2001	2001-2002	2002-2003	2003-04	2004-05	2005-06	2006-07	2007-08
April	70	50	80	70	85	85	80	90	55
May	70	50	80	70	80	90	85	90	55
June	70	50	80	70	80	80	90	90	60
July	70	50	70	70	80	90	80	90	62
August	70	55	70	100	80	90	90	90	70
September	70	60	80	90	80	90	90	95	70
October	70	80	70	90	80	90	90	95	70
November	80	70	90	90	80	90	90	95	80
December	80	80	80	80	80	85	90	90	80
January	80	90	70	85	80	85	90	60	80
February	80	80	70	75	80	80	90	55	80
March	45	80	70	70	80	80	90	55	90

TABLE H-6

RETAIL PRICES OF ROHU AT DELHI

(Retail Prices in Rs. per kg)

Month	1999-2000	2000-2001	2001-2002	2002-2003	2003-04	2004-05	2005-06	2006-07	2007-08
April	50	60	60	60	60	60	55	70	60
May	50	60	60	60	60	60	55	70	60
June	50	60	60	60	60	65	50	70	60
July	50	60	60	60	60	65	50	75	60
August	50	60	60	60	55	65	60	75	70
September	50	60	60	60	55	60	60	65	70
October	50	60	60	60	60	60	60	70	70
November	50	60	60	60	60	60	60	60	80
December	50	60	60	60	60	50	60	60	80
January	45	60	60	60	60	60	60	60	65
February	45	60	60	60	65	60	60	60	65
March	45	60	60	60	65	60	60	60	65



LIST OF DISTRICTS – STATE / UT WISE

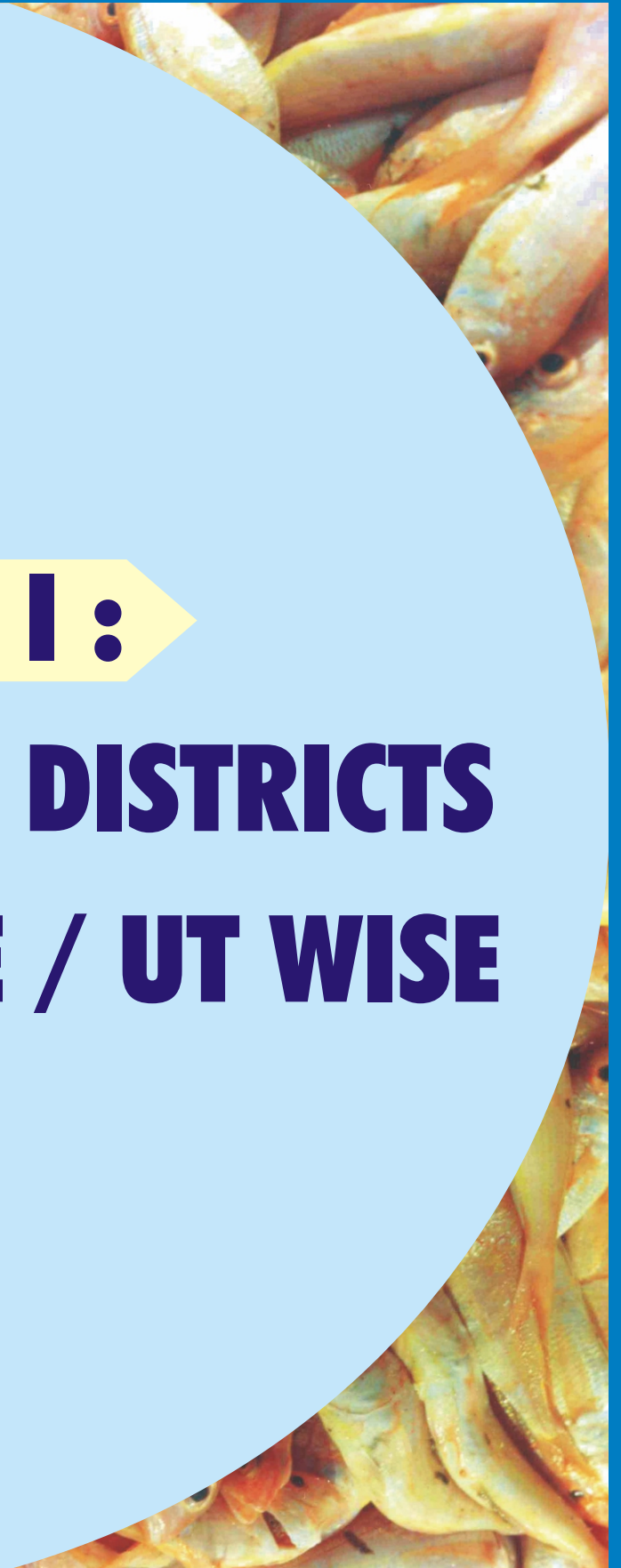
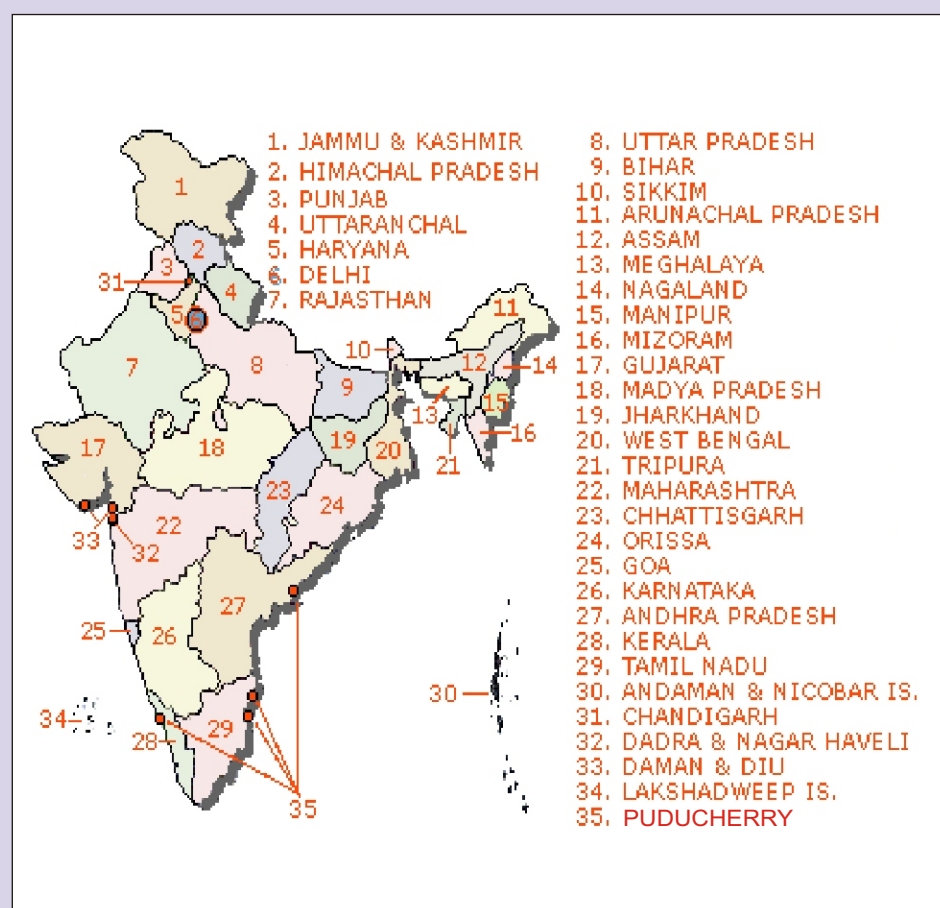


TABLE I-1

Code List of States and Districts



S.No.	State Code	District Code	Name of the State/Union Territory and Districts
01	01	00	JAMMU & KASHMIR
	01	01	Kupwara
	01	02	Baramula
	01	03	Srinagar
	01	04	Badgam
	01	05	Pulwama
	01	06	Anantnag
	01	07	Leh (Ladakh)
	01	08	Kargil
	01	09	Doda
	01	10	Udhampur
	01	11	Punch
	01	12	Rajauri
	01	13	Jammu
	01	14	Kathua
02	02	00	HIMACHAL PRADESH
	02	01	Chamba
	02	02	Kangra
	02	03	Lahul & Spiti
	02	04	Kullu
	02	05	Mandi
	02	06	Hamirpur
	02	07	Una
	02	08	Bilaspur
	02	09	Solan
	02	10	Sirmaur
	02	11	Shimla
	02	12	Kinnaur
03	03	00	PUNJAB
	03	01	Gurdaspur
	03	02	Amritsar
	03	03	Kapurthala
	03	04	Jalandhar
	03	05	Hoshiarpur
	03	06	Nawanshahr *
	03	07	Rupnagar
	03	08	Fatehgarh Sahib *
	03	09	Ludhiana
	03	10	Moga *
	03	11	Ferozpur

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
03		12	Muktsar *
03		13	Faridkot
03		14	Bathinda
03		15	Mansa *
03		16	Sangrur
03		17	Patiala
04	04	00	CHANDIGARH
04		01	Chandigarh
05	05	00	UTTARANCHAL
05		01	Uttarkashi
05		02	Chamoli
05		03	Rudraprayag *
05		04	Tehri Garhwal
05		05	Dehradun
05		06	Garhwal
05		07	Pithoragarh
05		08	Bageshwar
05		09	Almora
05		10	Champawat
05		11	Nainital
05		12	Udham Singh Nagar *
05		13	Hardwar
06	06	00	HARYANA
06		01	Panchkula *
06		02	Ambala
06		03	Yamunanagar
06		04	Kurukshetra
06		05	Kaithal
06		06	Karnal
06		07	Panipat
06		08	Sonapat
06		09	Jind
06		10	Fatehabad *
06		11	Sirsa
06		12	Hisar
06		13	Bhiwani
06		14	Rohtak
06		15	Jhajjar *
06		16	Mahendragarh
06		17	Rewari
06		18	Gurgaon

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
06		19	Faridabad
07	07	00	DELHI
07		01	North West *
07		02	North *
07		03	North East *
07		04	East *
07		05	New Delhi
07		06	Central *
07		07	West *
07		08	South West *
07		09	South *
08	08	00	RAJASTHAN
08		01	Ganganagar
08		02	Hanumangarh *
08		03	Bikaner
08		04	Churu
08		05	Jhunjhunun
08		06	Alwar
08		07	Bharatpur
08		08	Dhaulpur
08		09	Karauli *
08		10	Sawai Madhopur
08		11	Dausa *
08		12	Jaipur
08		13	Sikar
08		14	Nagaur
08		15	Jodhpur
08		16	Jaisalmer
08		17	Barmer
08		18	Jalor
08		19	Sirohi
08		20	Pali
08		21	Ajmer
08		22	Tonk
08		23	Bundi
08		24	Bhilwara
08		25	Rajsamand *
08		26	Udaipur
08		27	Dungarpur
08		28	Banswara

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
	08	29	Chittaurgarh
	08	30	Kota
	08	31	Baran *
	08	32	Jhalawar
09	09	00	UTTAR PRADESH
	09	01	Saharanpur
	09	02	Muzaffarnagar
	09	03	Bijnor
	09	04	Moradabad
	09	05	Rampur
	09	06	Jyotiba Phule Nagar *
	09	07	Meerut
	09	08	Baghpat *
	09	09	Ghaziabad
	09	10	Gautam Buddha Nagar *
	09	11	Bulandshahr
	09	12	Aligarh
	09	13	Hathras *
	09	14	Mathura
	09	15	Agra
	09	16	Firozabad
	09	17	Etah
	09	18	Mainpuri
	09	19	Budaun
	09	20	Bareilly
	09	21	Pilibhit
	09	22	Shahjahanpur
	09	23	Kheri
	09	24	Sitapur
	09	25	Hardoi
	09	26	Unnao
	09	27	Lucknow
	09	28	Rae Bareli
	09	29	Farrukhabad
	09	30	Kannauj *
	09	31	Etawah
	09	32	Auraiya *
	09	33	Kanpur Dehat
	09	34	Kanpur Nagar
	09	35	Jalaun

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
	09	36	Jhansi
	09	37	Lalitpur
	09	38	Hamirpur
	09	39	Mahoba *
	09	40	Banda
	09	41	Chitrakoot *
	09	42	Fatehpur
	09	43	Pratapgarh
	09	44	Kaushambi *
	09	45	Allahabad
	09	46	Barabanki
	09	47	Faizabad
	09	48	Ambedkar Nagar *
	09	49	Sultanpur
	09	50	Bahraich
	09	51	Shrawasti *
	09	52	Balrampur *
	09	53	Gonda
	09	54	Siddharthnagar
	09	55	Basti
	09	56	Sant Kabir Nagar *
	09	57	Maharajganj
	09	58	Gorakhpur
	09	59	Kushinagar *
	09	60	Deoria
	09	61	Azamgarh
	09	62	Mau
	09	63	Ballia
	09	64	Jaunpur
	09	65	Ghazipur
	09	66	Chandauli *
	09	67	Varanasi
	09	68	Sant Ravidas Nagar *
	09	69	Mirzapur
	09	70	Sonbhadra
10	10	00	BIHAR
	10	01	Pashchim Champaran
	10	02	Purba Champaran
	10	03	Sheohar *
	10	04	Sitamarhi

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/Union Territory and Districts
10		05	Madhubani
10		06	Supaul *
10		07	Araria
10		08	Kishanganj
10		09	Purnia
10		10	Katihar
10		11	Madhepura
10		12	Saharsa
10		13	Darbhanga
10		14	Muzaffarpur
10		15	Gopalganj
10		16	Siwan
10		17	Saran
10		18	Vaishali
10		19	Samastipur
10		20	Begusarai
10		21	Khagaria
10		22	Bhagalpur
10		23	Banka *
10		24	Munger
10		25	Lakhisarai *
10		26	Sheikhpura *
10		27	Nalanda
10		28	Patna
10		29	Bhojpur
10		30	Buxar *
10		31	Kaimur (Bhabua) *
10		32	Rohtas
10		33	Jehanabad
10		34	Aurangabad
10		35	Gaya
10		36	Nawada
10		37	Jamui *
11	11	00	SIKKIM
11		01	North
11		02	West
11		03	South
11		04	East
12	12	00	ARUNACHAL PRADESH

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
12		01	Tawang
12		02	West Kameng
12		03	East Kameng
12		04	Papum Pare *
12		05	Lower Subansiri
12		06	Upper Subansiri
12		07	West Siang
12		08	East Siang
12		09	Upper Siang *
12		10	Dibang Valley
12		11	Lohit
12		12	Changlang
12		13	Tirap
13	13	00	NAGALAND
13		01	Mon
13		02	Tuensang
13		03	Mokokchung
13		04	Zunheboto
13		05	Wokha
13		06	Dimapur *
13		07	Kohima
13		08	Phek
14	14	00	MANIPUR
14		01	Senapati
14		02	Tamenglong
14		03	Churachandpur
14		04	Bishnupur
14		05	Thoubal
14		06	Imphal West
14		07	Imphal East *
14		08	Ukhrul
14		09	Chandel
15	15	00	MIZORAM
15		01	Mamit *
15		02	Kolasib *
15		03	Aizawl
15		04	Champhai *
15		05	Serchhip *
15		06	Lunglei
15		07	Lawngtlai

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
	15	08	Saiha *
16	16	00	TRIPURA
	16	01	West Tripura
	16	02	South Tripura
	16	03	Dhalai *
	16	04	North Tripura
17	17	00	MEGHALAYA
	17	01	West Garo Hills
	17	02	East Garo Hills
	17	03	South Garo Hills *
	17	04	West Khasi Hills
	17	05	Ri Bhoi *
	17	06	East Khasi Hills
	17	07	Jaintia Hills
18	18	00	ASSAM
	18	01	Kokrajhar
	18	02	Dhubri
	18	03	Goalpara
	18	04	Bongaigaon
	18	05	Barpeta
	18	06	Kamrup
	18	07	Nalbari
	18	08	Darrang
	18	09	Marigaon
	18	10	Nagaon
	18	11	Sonitpur
	18	12	Lakhimpur
	18	13	Dhemaji
	18	14	Tinsukia
	18	15	Dibrugarh
	18	16	Sibsagar
	18	17	Jorhat
	18	18	Golaghat
	18	19	Karbi Anglong
	18	20	North Cachar Hills
	18	21	Cachar
	18	22	Karimganj
	18	23	Hailakandi
19	00		WEST BENGAL

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
	19	01	Darjiling
	19	02	Jalpaiguri
	19	03	Koch Bihar
	19	04	Uttar Dinajpur
	19	05	Dakshin Dinajpur *
	19	06	Maldah
	19	07	Murshidabad
	19	08	Birbhum
	19	09	Bardhaman
	19	10	Nadia
	19	11	North Twenty Four Parganas
	19	12	Hugli
	19	13	Bankura
	19	14	Puruliya
	19	15	Medinipur
	19	16	Haora
	19	17	Kolkata
	19	18	South Twenty Four Parganas
20	20	00	JHARKHAND
	20	01	Garhwa *
	20	02	Palamu
	20	03	Chatra *
	20	04	Hazaribag
	20	05	Kodarma *
	20	06	Giridih
	20	07	Deoghar
	20	08	Godda
	20	09	Sahibganj
	20	10	Pakaur *
	20	11	Dumka
	20	12	Dhanbad
	20	13	Bokaro *
	20	14	Ranchi
	20	15	Lohardaga
	20	16	Gumla
	20	17	Pashchimi Singhbhum
	20	18	Purbi Singhbhum
21	21	00	ORISSA
	21	01	Bargarh *
	21	02	Jharsuguda *

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
21		03	Sambalpur
21		04	Debagarh *
21		05	Sundargarh
21		06	Kendujhar
21		07	Mayurbhanj
21		08	Baleshwar
21		09	Bhadrak *
21		10	Kendrapara *
21		11	Jagatsinghapur *
21		12	Cuttack
21		13	Jajapur *
21		14	Dhenkanal
21		15	Anugul *
21		16	Nayagarh *
21		17	Khordha *
21		18	Puri
21		19	Ganjam
21		20	Gajapati *
21		21	Kandhamal
21		22	Baudh *
21		23	Sonapur *
21		24	Balangir
21		25	Nuapada *
21		26	Kalahandi
21		27	Rayagada *
21		28	Nabarangapur *
21		29	Koraput
21		30	Malkangiri *
22	22	00	CHHATTISGARH
22		01	Koriya *
22		02	Surguja
22		03	Jashpur *
22		04	Raigarh
22		05	Korba *
22		06	Janjgir - Champa*
22		07	Bilaspur
22		08	Kawardha *
22		09	Rajnandgaon
22		10	Durg
22		11	Raipur

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
22		12	Mahasamund *
22		13	Dhamtari *
22		14	Kanker *
22		15	Baster
22		16	Dantewada*
23	23	00	MADHYA PRADESH
23		01	Sheopur *
23		02	Morena
23		03	Bhind
23		04	Gwalior
23		05	Datia
23		06	Shivpuri
23		07	Guna
23		08	Tikamgarh
23		09	Chhatarpur
23		10	Panna
23		11	Sagar
23		12	Damoh
23		13	Satna
23		14	Rewa
23		15	Umaria *
23		16	Shahdol
23		17	Sidhi
23		18	Neemuch *
23		19	Mandsaur
23		20	Ratlam
23		21	Ujjain
23		22	Shajapur
23		23	Dewas
23		24	Jhabua
23		25	Dhar
23		26	Indore
23		27	West Nimar
23		28	Barwani *
23		29	East Nimar
23		30	Rajgarh
23		31	Vidisha
23		32	Bhopal
23		33	Sehore
23		34	Raisen

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
23		35	Betul
23		36	Harda *
23		37	Hoshangabad
23		38	Katni *
23		39	Jabalpur
23		40	Narsimhapur
23		41	Dindori *
23		42	Mandla
23		43	Chhindwara
23		44	Seoni
23		45	Balaghat
24	24	00	GUJARAT
24		01	Kachchh
24		02	Banas Kantha
24		03	Patan *
24		04	Mahesana
24		05	Sabar Kantha
24		06	Gandhinagar
24		07	Ahmadabad
24		08	Surendranagar
24		09	Rajkot
24		10	Jamnagar
24		11	Porbandar *
24		12	Junagadh
24		13	Amreli
24		14	Bhavnagar
24		15	Anand *
24		16	Kheda
24		17	Panch Mahals
24		18	Dohad *
24		19	Vadodara
24		20	Narmada *
24		21	Bharuch
24		22	Surat
24		23	The Dangs
24		24	Navsari *
24		25	Valsad
25	25	00	DAMAN & DIU
25		01	Diu
25		02	Daman

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
26	26	00	DADRA & NAGAR HAVELI
26		01	Dadra & Nagar Haveli
27	27	00	MAHARASHTRA
27		01	Nandurbar *
27		02	Dhule
27		03	Jalgaon
27		04	Buldana
27		05	Akola
27		06	Washim *
27		07	Amravati
27		08	Wardha
27		09	Nagpur
27		10	Bhandara
27		11	Gondiya *
27		12	Gadchiroli
27		13	Chandrapur
27		14	Yavatmal
27		15	Nanded
27		16	Hingoli *
27		17	Parbhani
27		18	Jalna
27		19	Aurangabad
27		20	Nashik
27		21	Thane
27		22	Mumbai (Suburban) *
27		23	Mumbai
27		24	Raigarh
27		25	Pune
27		26	Ahmadnagar
27		27	Bid
27		28	Latur
27		29	Osmanabad
27		30	Solapur
27		31	Satara
27		32	Ratnagiri
27		33	Sindhudurg
27		34	Kolhapur
27		35	Sangli
28	28	00	ANDHRA PRADESH

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
28		01	Adilabad
28		02	Nizamabad
28		03	Karimnagar
28		04	Medak
28		05	Hyderabad
28		06	Rangareddi
28		07	Mahbubnagar
28		08	Nalgonda
28		09	Warangal
28		10	Khammam
28		11	Srikakulam
28		12	Vizianagaram
28		13	Visakhapatnam
28		14	East Godavari
28		15	West Godavari
28		16	Krishna
28		17	Guntur
28		18	Prakasam
28		19	Nellore
28		20	Cuddapah
28		21	Kurnool
28		22	Anantapur
28		23	Chittoor
29	29	00	KARNATAKA
29		01	Belgaum
29		02	Bagalkot *
29		03	Bijapur
29		04	Gulbarga
29		05	Bidar
29		06	Raichur
29		07	Koppal *
29		08	Gadag *
29		09	Dharwad
29		10	Uttara Kannada
29		11	Haveri *
29		12	Bellary
29		13	Chitradurga
29		14	Davangere*
29		15	Shimoga
29		16	Udupi *

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
29		17	Chikmagalur
29		18	Tumkur
29		19	Kolar
29		20	Bangalore
29		21	Bangalore Rural
29		22	Mandya
29		23	Hassan
29		24	Dakshina Kannada
29		25	Kodagu
29		26	Mysore
29		27	Chamrajnagar*
30	30	00	GOA
30		01	North Goa
30		02	South Goa
31	31	00	LAKSHADWEEP
31		01	Lakshadweep
32	32	00	KERALA
32		01	Kasaragod
32		02	Kannur
32		03	Wayanad
32		04	Kozhikode
32		05	Malappuram
32		06	Palakkad
32		07	Thrissur
32		08	Ernakulam
32		09	Idukki
32		10	Kottayam
32		11	Alappuzha
32		12	Pathanamthitta
32		13	Kollam
32		14	Thiruvananthapuram
33	33	00	TAMIL NADU
33		01	Thiruvallur
33		02	Chennai
33		03	Kancheepuram
33		04	Vellore
33		05	Dharmapuri
33		06	Tiruvannamalai
33		07	Viluppuram
33		08	Salem

Continued

TABLE I-1

Code List of States and Districts

S.No.	State Code	District Code	Name of the State/UT and Districts
33		09	Namakkal *
33		10	Erode
33		11	The Nilgiris
33		12	Coimbatore
33		13	Dindigul
33		14	Karur *
33		15	Tiruchirappalli
33		16	Perambalur *
33		17	Ariyalur *
33		18	Cuddalore
33		19	Nagapattinam *
33		20	Thiruvarur
33		21	Thanjavur
33		22	Pudukkottai
33		23	Sivaganga
33		24	Madurai
33		25	Theni *
33		26	Virudhunagar
33		27	Ramanathapuram
33		28	Thoothukkudi
33		29	Tirunelveli
33		30	Kanniyakumari
34	34	00	PUDUCHERRY
34		01	Yanam
34		02	Puducherry
34		03	Mahe
34		04	Karaikal
35	35	00	ANDAMAN & NICOBAR ISLANDS@
35		01	North & Middle Andaman
35		02	South Andaman
35		03	Nicobars

Source : Population Census 2001
 @ Andaman and Nicobar Administration



MISCELLANEOUS



TABLE J-1

FISHERMEN POPULATION, 2003

S.No.	State Name	Total Number of members			Full Time			Part Time			Others			
		Male	Female	Childern	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Andhra Pradesh	249386	250877	393102	893365	91038	26422	117460	124967	25768	150735	155208	149685	304893
2	Arunachal Pradesh	1650	1376	1373	4399	0	0	0	1099	843	1942	0	0	0
3	Assam	131312	97986	161082	390380	66120	39568	105688	42746	23676	66422	48814	12282	61096
4	Bihar	1391166	1266997	2301353	4959516	25503	11576	37079	43347	14942	58289	32234	14468	46702
5	Chhattisgarh	621607	529697	760064	1911368	4828	2805	7633	32905	13719	46624	18201	12206	30407
6	Delhi	485	475	1555	2515	253	0	253	262	8	270	184	0	184
7	Goa	5521	4863	3586	13970	1844	355	2199	1116	566	1682	923	1477	2400
8	Gujarat	134475	129900	228880	493255	77653	6024	83677	26601	10383	36984	18479	33219	51698
9	Haryana	5910	3322	7259	16491	2527	174	2701	1002	433	1435	108306	415	108721
10	Himachal Pradesh	1537	1372	2713	5622	421	207	628	547	27	574	554	4	558
11	Jammu & Kashmir	9628	7593	13232	30453	2876	467	3343	1244	717	1961	3480	1732	5212
12	Jharkhand	577908	571584	781428	1930920	4329	914	5243	17100	4341	21441	18362	3913	22275
13	Karnataka	55809	52898	50245	158952	13640	770	14410	8669	1207	9876	40948	13805	54753
14	Kerala	224007	317758	206072	747837	110953	3803	114756	26515	6213	32728	36599	39027	75626
15	Madhya Pradesh	213888	200607	302479	716974	4699	751	5450	13743	4125	17868	8245	2776	11021
16	Maharashtra	63354	46603	61873	171830	14587	5019	19606	38280	11397	49677	40029	9101	49130
17	Manipur	25009	24091	21368	70468	2516	451	2967	2003	2090	4093	2225	2957	5182
18	Meghalaya	525	504	1354	2383	2	2	2	346	148	494	0	2	2
19	Mizoram	5498	5312	7097	17907	116	29	145	1150	201	1351	1163	440	1603
20	Nagaland	5762	5519	3581	14862	43	0	43	0	0	0	0	0	0
21	Orissa	70971	48334	60721	180026	27331	7973	35304	26322	12499	38821	40784	20547	61331
22	Punjab	2150	1874	5061	9085	1528	28	1556	898	386	1284	3001	718	3719
23	Rajasthan	2638	1693	2985	7316	654	21	675	881	93	974	1060	124	1184
24	Sikkim	9893	8353	8568	26814	536	609	1145	87	207	294	182	0	182
25	Tamil Nadu	171992	156107	148519	476618	63232	6111	69343	35280	7790	43070	50140	33071	83211
26	Tripura	15966	13177	17590	46733	2934	541	3475	145	5424	5569	6160	2488	8648
27	Uttaranchal	32	23	35	90	43	9	52	109	73	182	103	23	126
28	Uttar Pradesh	70373	48892	59799	179064	11316	3148	14464	12718	3100	15818	10571	6794	17365
29	West Bengal	587214	205198	119210	911622	267944	0	267944	446517	0	446517	364618	0	364618
30	Andaman & Nicobar	9859	7693	0	17552	2630	0	2630	7191	0	7191	746	429	1175
31	Chandigarh	198	109	172	479	168	18	186	97	44	141	344	7	351
32	Dadra & Nagar Haveli	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Daman & Diu	7649	7756	10080	25485	4104	22	4126	895	481	1376	291	1341	1632
34	Lakshadweep	10408	2621	0	13029	4231	19	4250	2807	1003	3810	1448	0	1448
35	Puducherry	12378	12799	12797	37974	4352	339	4691	2187	399	2586	3613	4416	8029
	Total	4696158	4033963	5755233	14485354	814951	118173	933124	919776	152303	1072079	1017015	367467	1384482

Source: 17th Live Stock Census 2003

TABLE J-2

FISHING CRAFTS - COASTAL STATES
AND UNION TERRITORIES

S. No.	State/Union Territory	Traditional crafts	Motorised traditional crafts	Mechanised boats	Total
1	Andhra Pradesh	24386	14112	2541	41039
2	Goa	532	932	1087	2551
3	Gujarat	3729	7376	13047	24152
4	Karnataka	7577	3705	4373	15655
5	Kerala	9522	14151	5504	29177
6	Maharashtra	7073	3382	13053	23508
7	Orissa	15444	4719	3577	23740
8	Tamil Nadu	24231	22478	7711	54420
9	West Bengal	10041	1776	6829	18646
10	Andaman & Nicobar Islands	1837	781	165	2783
11	Daman & Diu	211	654	562	1427
12	Lakshadweep	1341	376	667	2384
13	Puducherry	1524	2306	627	4457
Total		107448	76748	59743	243939

Source : Marine Fisheries Census, 2005

TABLE J-3

BRACKISHWATER AREA AND PRODUCTION -
COASTAL STATES/UNION TERRITORIES till 2007-08

S. No.	State/Union Territory	Total brackish water (ha)	Area brought under culture through BFDAs (ha)	Training	Beneficiary	Average Productivity (kg/ha/annum)
1	Andhra Pradesh	60000	846	1854	957	680
2	Goa	Neg.	548	508	36	2000
3	Gujarat	100000	968	1652	479	1276
4	Karnataka	10000	2964	705	521	900
5	Kerala	240000	3230	4299	6528	1600
6	Maharashtra	10000	1539	2015	293	600
7	Orissa	430000	13837	8198	9844	1133
8	Tamil Nadu	60000	6986	531	127	1310
9	West Bengal	210000	5282	12268	6473	690
10	Puducherry	Neg.	**			NA
11	Andaman & Nicobar	120000	0	0	0	0
Total		1240000	36200	32030	25258	10189

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

NA : Not Available

** : Number of BFDAs Sanctioned

TABLE J-4

MONTHLY PER CAPITA CONSUMPTION OF FISH
(QUANTITY) BY STATE/UNION TERRITORY

S No.	State/Union Territory	Consumption	Per capita Qty Consumed (Kg) / value (Rs)		No. of households per 1000 households reporting consumption	
			Rural	Urban	Rural	Urban
1	2	3	4	5	6	7
1	Andhra Pradesh	Qty.	0.07	0.08	243	230
		Value	2.32	2.78		
2	Arunachal Pradesh	Qty.	0.42	0.42	654	805
		Value	28.97	28.32		
3	Assam	Qty.	0.58	0.68	967	875
		Value	33.69	50.07		
4	Bihar	Qty.	0.15	0.1	455	300
		Value	5.41	4.18		
5	Goa	Qty.	1.64	1.24	961	869
		Value	65.49	54.92		
6	Gujarat	Qty.	0.02	0.02	74	77
		Value	0.96	1.13		
7	Haryana	Qty.	0	0.02	3	54
		Value	0.05	0.91		
8	Himachal Pradesh	Qty.	0	0.02	6	78
		Value	0.12	1.19		
9	Jammu & Kashmir	Qty.	0.01	0.02	34	54
		Value	0.82	1.19		
10	Karnataka	Qty.	0.11	0.12	149	156
		Value	3.08	4.29		
11	Kerala	Qty.	1.88	1.95	857	822
		Value	44.38	51.17		
12	Madhya Pradesh	Qty.	0.03	0.03	122	88
		Value	1.2	1.48		
13	Maharashtra	Qty.	0.06	0.11	193	242
		Value	3.07	6.61		
14	Manipur	Qty.	0.41	0.41	809	929
		Value	19.95	29.14		
15	Meghalaya	Qty.	0.50	0.51	939	922
		Value	31.76	31.86		
16	Mizoram	Qty.	0.16	0.13	445	431
		Value	12.4	12.9		
17	Nagaland	Qty.	0.24	0.47	587	816
		Value	16.2	29.6		
18	Orissa	Qty.	0.27	0.37	752	731
		Value	9.3	14.32		

Continued

TABLE J-4

MONTHLY PER CAPITA CONSUMPTION OF FISH
(QUANTITY) BY STATE/UNION TERRITORY

S No.	State/Union Territory	Consumption	Per capita Qty Consumed (Kg) / value (Rs)		No. of households per 1000 households reporting consumption	
			Rural	Urban	Rural	Urban
1	2	3	4	5	6	7
19	Punjab	Qty.	-	-	7	20
		Value	0.12	0.28		
20	Rajasthan	Qty.	-	0.01	5	17
		Value	0.07	0.45		
21	Sikkim	Qty.	0.05	0.14	214	377
		Value	3.57	8.96		
22	Tamil Nadu	Qty.	0.12	0.14	278	346
		Value	5.03	6.51		
23	Tripura	Qty.	0.69	1.1	986	958
		Value	40.47	65.72		
24	Uttar Pradesh	Qty.	0.05	0.03	163	79
		Value	2.01	1.21		
25	West Bengal	Qty.	0.63	0.9	948	868
		Value	26.82	51.41		
26	A & N Islands	Qty.	1.21	0.95	926	847
		Value	46.26	41.02		
27	Chandigarh	Qty.	0.02	-	72	11
		Value	1.01	0.18		
28	Dadra and Nagar Haveli	Qty.	0.16	0.13	355	416
		Value	6.04	9.54		
29	Daman & Diu	Qty.	0.88	1.23	466	625
		Value	20.98	33.15		
30	Delhi	Qty.	0.04	0.01	71	43
		Value	2.29	0.76		
31	Lakshadweep	Qty.	3.85	3.51	938	923
		Value	114.29	139.44		
32	Puducherry	Qty.	0.25	0.5	591	631
		Value	12.49	21.75		
All India		Qty.	0.2	0.21	342	278
		Value	7.49	9.51		

Source: Report No. 509, National Sample Survey Organisation Report 2004-05.

TABLE J-5

CONTRIBUTION OF FISHERIES SECTOR TO GROSS DOMESTIC PRODUCT (AT CURRENT PRICES)

(Rs. Crores)

Year	Total GDP	GDP from Agriculture, Forestry & Fishing	GDP from Fisheries	GDP from fisheries as % of Total GDP	GDP from Agriculture, Forestry & Fishing
1993-94	781345	241967	8679	1.11	3.59
1994-95	917058	278773	10602	1.16	3.80
1995-96	1073271	303102	11866	1.11	3.91
1996-97	1243547	362606	14083	1.13	3.88
1997-98	1390148	387008	17269	1.24	4.46
1998-99	1598127	442494	18156	1.14	4.10
1999-00	1786525	446515	18939	1.06	4.24
2000-01	1925415	449746	21336	1.11	4.74
2001-02	2100187	487063	23240	1.11	4.77
2002-03	2265304	472679	25491	1.13	5.39
2003-04	2549418	533642	26938	1.06	5.05
2004-05	2855933	536629	28775	1.01	5.36
2005-06	3586743	625635	31257	0.87	5.00
2006-07	4129174	686045	32980	0.80	4.81
2007-08	4723400	782597	35650	0.75	4.56

Source : Central Statistical Organisation (CSO)

TABLE J-6

ACHIEVEMENT OF FISH FARMERS DEVELOPMENT AGENCIES Till 2007-08

S. No.	States/UTs	No. of FFDA's	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	1147	4320	6874	1200
3	Assam	23	4953	27204	17887	1900
4	Bihar	33	25528	33282	36934	2200
5	Chattisgarh	7	9915	8851	21587	2485
6	Goa	1	200.00	2102.00	0.00	250
7	Gujarat	21	76898	33427	20534	1040
8	Haryana	18	20359	19626	23561	4370
9	Himachal Pradesh	2	847	6700	3183	2700
10	J & K	2	9223	6295	4968	3000
11	Jharkhand	16	2612	15619	35546	2500
12	Karnataka	18	57650	17320	11924	642
13	Kerala	14	30494	31934	91528	1800
14	Madhya Pradesh	38	86988	47921	103805	1450
15	Maharashtra	29	35341	22441	64213	1387
16	Manipur	8	4398	7338	13749	1875
17	Meghalaya	2	798	2067	2067	1500
18	Mizoram	5	2066	12981	8225	2000
19	Nagaland	8	6235	4715	20687	1805
20	Orissa	30	40190	52272	142869	2750
21	Punjab	17	20497	32749	25189	6094
22	Rajasthan	15	12173	15028	10205	1509
23	Sikkim	1	300	1506	1819	3500
24	Tamil Nadu	17	21362	7917	13925	1000
25	Tripura	4	11451	117993	53986	1966
26	Uttarancha	3	299	1918	2667	3000
27	Uttar Pradesh	53	132698	145056	133163	2850
28	West Bengal	18	125949	208525	399448	4290
29	Puducherry	2	539	968	2045	2000
	Total	429	745515	900002	1279538	2600

TABLE J-7

**STRUCTURE OF FISHERIES COOPERATIVES
NATIONAL LEVEL COOPERATIVE FEDERATION
(NATIONAL FEDERATION OF FISHERMEN'S
COOPERATIVES LTD.) STATE-WISE POSITION, 2008-09**

S. No	State/UTs	State Federation (17)	Central Societies (108)	Primary Societies (11,440)	Membership
1	Andhra Pradesh	1	10	3646	359021
2	Arunachal Pradesh	-	-	5	324
3	Assam	1	-	456	3909
4	Bihar	1	5	532	40000
5	Chhatisgarh	1	1	892	27995
6	Delhi	-	-	2	640
7	Goa	1	-	10	1000
8	Gujarat	1	3	620	88483
9	Haryana	-	-	45	-
10	Himachal Pradesh	-	-	39	5994
11	J & K	-	-	-	-
12	Jharkhand	1	-	362	18000
13	Karnataka	3	-	504	168216
14	Kerala	1	16	653	200000
15	Madhya Pradesh	1	-	1749	60612
16	Maharashtra	1	21	2024	208273
17	Manipur	1	-	181	9182
18	Meghalaya	-	-	73	2991
19	Mizoram	-	-	36	808
20	Nagaland	-	-	168	4285
21	Orissa	1	5	1003	203464
22	Punjab	-	-	4	60
23	Rajasthan	1	-	107	4624
24	Sikkim	-	-	-	-
25	Tamil Nadu	1	11	1376	607014
26	Tripura	1	-	129	14225
27	Uttar Pradesh	1	19	966	53040
28	West Bengal	1	20	1146	160000
29	A & Nicobar	-	-	45	3812
30	Chandigarh	-	-	1	-
31	D & N Haveli	-	-	-	-
32	Daman & Diu	-	-	6	2993
33	Lakshadweep	-	-	2	-
34	Puducherry	1	2	36	28754
	Total	21	113	16818	2277719

Source: FISH COPFED

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, Kurnool, Medak, Krishna, Nalgonda, East Godavari, West Godavari, Mehboobnagar, Nizamabad, Chittoor, Khammam, Srikakulam, Vijayanagaram, Vizag, Guntur, Prakasham, Nellore, Warangal, Adilabad, Anantpur, Cuddapah and Rangareddy
Arunachal Pradesh	2	Reginal FFDA at Itanagar and Siang
Assam	23	Darrang, Kamrup, Naowgang, 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, Gopalganj, Saran, Vaishali, Muzaffarpur, Sitamarhi, Gaya, Purnea, Khagaria, Patna, Madhubani, Darbhanga, Munger, Samastipur, Begusarai, Saharsa, Aurangabad, Katihar, Madhepura, Nalanda, Bhagalpur, Rohtas, Bhojpur, Nawada, Jahanabad, Buxar, Supaul, Ataria, Kishanganj, Banka, and Jamul.
Chhattisgarh	7	Raipur, Durg, Rajanandgaon, Bilaspur, Raigarh, Jagdalpur (bastar), Sarguja (Ambikapur)
Jharkhand	16	Ranchi, Hazaribagh, Gumla, Dhanbad, Giridih, Godda, Dumka, Palamu, Lohardaga, Bokaro, Chatra, Deoghar, Gadhwah, Sahebganj, Singhbhum and Jamshedpur.
Goa	1	Regional FFDA at Panaji
Gujarat	21	Surat, Panchmahal, Bular, Kheda, Jamnagar, Bharoch, Surendranagar, Sabarkantha, Vadodhara, Ahmedabad, Rajkot, Bhavnagar, Kutch, Junagarh, Amreli, Banaskantha and Mehsana, Navsari, Anand, Dahod, Narmada
Haryana	18	Karnal, Rohtak, Sonapat, Gurgaon, Faridabad, Sirsa, Mahendergarh, Ambala, Kurukshetra, Hissar, Bhiwani, Jind, Rewari, Panipat, Kaithal, Yamunanagar, Jhajjar, Fatehabad
Himachal Pradesh	2	Reginal FFDAs at Bilaspur and Mandi
Jammu & Kashmir	2	Reginal FFDAs at Jammu and Kashmir
Karnataka	18	Mysore, Dharwar, 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, Khozhikod, Pathanathitta, Idukki, Wayanand and Kasargode
Maharashtra	29	Nagpur, Chandrapur, Bhandara, Yeotmal, Gadchiroli, Pune, Satara, Sangli, Thane, Sholapur, Kolhapur, Aurangabad, Parbhani, Latur, Beed, Amravati, Buldhana, Akola, Ratnagiri, Kulaba, Bombay, Nandiad, Jalgaon, Ahmednagar, Nasik, Jalna, Usmanabad, Vardha, Dhulia

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
Madhya Pradesh	38	Rewa, Shahdol, Seoni, Balaghat, Sagar, Chatarpur, Satna, Jabalpur, Sidhi, Shivpuri, Tikamgarh, Dhargaona, Dhar, Betul, Shehore, Raisen, Mandla, Chhindwara, Bhind, Guna, Gwalior, Haushangabad, Damoh, Ujjain, Khandwa, Mandsour, Dewas, Indore, Jhabua, Panna, Shajapur, Ratlam, Morena, Datia, Rajgarh, Vidisha, Narsinghpur and Bhopal
Manipur	8	Central Manipur, South Manipur, Bishanpur, Ukhrul, Tamenglong, Chandel, Sanapati and Thoubal
Meghalaya	2	Regional FFDAs at Shillong and Baghmare
Mizoram	5	Aizawl (East), Lunglei, Chhimituiphi, Aizawl (West) and Kolasib
Nagaland	8	Kohima, Zunheboto, Tuensang, Mon, Pheak, Wokha, Mokokchung and Dimapur
Orissa	30	Cuttack, Puri, Balasore, Ganjam, Phulbani, Bolangir, Sambalpur, Dhenkanal, Mayurbhanj, Kalahandi, Koraput, Sundergarh, Keonjhar, Gajapati, Rayagadas, Nawarangpur, Malkanagiri, Bhadrak, Jajpur, Kendrapara, Jagarsinghpur, Khurda, Nayagarh, Angul, Bargarh, Nuapara, Sonepur, Jharsuguda, Boudh and Deogarh
Punjab	17	Gurdaspur, Amritsar, Ludhiana, Sangrur, Jallundur, Patiala, Ropar, Hoshiarpur, Bhatinda, Kapurthala, Ferozpur, Faridkot, Mansa, Fatehgarh Saheb, Mooga, Muktsar and Navasher
Rajasthan	15	Ajmer, Alwar, Bhilwara, Bharatpur, Dungarpur, Jaipur, Tonk, Udaipur, Kota, Chittorgarh, Banswara, Jhalawad, Sewaimadhopur, Pali and Sriganganagar
Sikkim	1	Reginal FFDA at Gangtok
Tamil Nadu	17	Thanjavur, Madurai, South Arkot, Periyar (Erode), Trichurapalli, Dharmapuri, Changanpattu, Kamarajar (Virudhunagar), Anna (Dindigul), Tirunelveli, North Arkot (Vellore), Kanyakumari, Madras, Pudukkottai, Posumpam-Mutthuramalingam (Sivaganga) and Chidambaranar (Thoothukudi)
Tripura	4	West Tripura, South Tripura, North Tripura and Dhala
Uttar Pradesh	53	Allahabad, Kanpur, Fatehpur, Varanasi, Jaunpur, Balia, Gazipur, Mirjapur, 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, Muzzaffarnagar, Bulandshahar, Saharanpur, Gaziabad, Jhansi, Lalitpur, Hamirpur, Bareilly, Shahjahanpur, Pilibhit, Rampur, Bijnaur, Mathura, Firozabad, Sidharthnagar, Mau, Sonabhadra, Maharajgarh,
Uttaranchal	3	Hardwar, Dehradun (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-Bihar, Jalpaiguri, Burdwan, Midnapur, Purulia, 24-Paraganas (South), Siliguri Sub Division of Darjeeling District and Uttar Dinajpur
Puducherry	2	Regional FFDAs at Karaikal and Pondicherry
	429	

TABLE J-9

DETAILS OF BRACKISHWATER FISH FARMERS
DEVELOPMENT AGENCIES (BFDAs)

S.No.	State	No. of BFDAs	District
1	Andhra Pradesh	6	Krishna Nellore Srikakulam East Godavari Prakasam West Godavari
2	Gujarat	3	Valsad Surat Bhroach
3	Karnataka	2	Uttara Kannada Dakshinah Kannada
4	Kerala	7	Ernakulam Quilon Cannanore Thrissur Alappuza Kozhikode Kasaragod
5	Maharashtra	4	Thane Ratnagiri Raigad Sindhudurg
6	Orissa	7	Kendrapara Gangam Khurda Puri Jagatsinghpur Balasore Bhadrak
7	West Bengal	3	North 24 Parganas South 24 Parganas Midnapore
8	Tamil Nadu	5	South Arcot Thanjavur Chidambaranar 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**

(Rs. in lakh)

S.No.	States/UTs	No.of units	Location	Amount Released
1	Andhra Pradesh	1	Vijaywada	35.00
2	Arunachal Pradesh	2	Papumpare Subansiri	100.00
3	Haryana	2	Bahudurgarh Gurgaon	42.32
4	H.P	1	Kullu	50.00
5	Jharkhand	1	Daltonganj	18.00
6	Karnataka	9	Mangalore(3) Malpe Mysore Bangalore Tumkur Udupi	478.55
7	M.P	2	Kodagu Jabalpur	100.00
8	Maharashtra	3	Mandla Mumbai Nagpur	72.21
9	Mizoram	3	Aurangabad Aizawl Kolasib	32.50
10	Orissa	1	Champai	
11	Rajasthan	1	Bhubaneswar	18.00
12	Tamil Nadu	1	Banswara	32.25
13	Tripura	1	Chennai	76.25
14	FISHCOPFED (Delhi)	2	Agartala New Delhi	70.00 58.35
A	Manipur	2	Yusuf Sarai Imphal	23.50
	Goa	1	Bishnupur Malimjethy	24.00
	Total	33		1230.93

TABLE J-10.2

**DETAILS OF THE PROJECTS APPROVED FOR
SETTING UP POST HARVEST AND FISH MARKETING
INFRASTRUCTURE UNDER THE CENTRAL SECTOR
SCHEME DURING THE XITH PLAN (TILL THE END OF 2008-09)**

(Rs. in lakh)

S.No.	States/UTs	No.of units	Location	Amount Released
1	Maharashtra	2	Aurangabad Vengurla	30
2	Himachal Pradesh	1	Chambal	25
3	Karnataka	5	Malpe Udupi Karwar	109.39
4	Manipur	1	Bishnupur	6
5	Nagaland	1	Dimapur	20
6	Rajasthan	1	Udaipur	15
	Total	11		205.39

* First instalment of the Central committed liability and the projects are under implementation.

TABLE J-11

**NO AND LOCATION OF FISHERMEN AWARENESS
CENTRES AND TRAINING CENTRES
SANCTIONED DURING 1997-98 TO 2008-09**

S.No.	State/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				
4	Bihar			3	Mithapur* Madhubani* Kishanganj
5	Chhattisgarh	1	Raipur	4	Bilaspur Ambi Kapur korba Dantewala
6	Delhi				
7	Goa	1	Keri Satari	1	Ela Dhamji
8	Gujarat	1	Ahmedabad		
9	Haryana	1	Gurgaon		
10	Himachal Pradesh			1	Patrikhuki
11	Jammu & Kashmir	1	Bagh-e-Bahu	1	Manasbai
12	Jharkhand			1	Ranchi
13	Karnataka	1	Mangalore	3	Bellary Mysore Mangalore
14	Kerala	1	Kannur	1	Pallom
15	Madhya Pradesh			5	Nowgang* Bhopal Gwalior Satna Seoni
16	Maharashtra	1	Ratnagiri	1	Thoubal
17	Manipur	1	Imphal (W)	2	Lamphel* Imphal (W)
18	Meghalaya			1	Tura*
19	Mizoram			3	Lengpui Lunglei saiha
20	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

S.No.	State/UTs	Awareness Centres		Training Centres	
		No.	Location	No.	Location
21	Orissa	1	Cuttack	5	Balugam* Sambalpur Balasore Beharmpur Bomalel*
22	Punjab	1	Katli (Ropar)	3	Kapurthala* Faridkot Charabahi
23	Rajasthan	1	Jaipur	1	Rawatbhata
24	Sikkim	1			
25	Tamil Nadu	1	Neelankaral	4	Santhanur Dam* Vaniachavadi Killai Maniumthar Dam
26	Tripura	2	Agartala Udaipur	4	Agartala Tripura Tripura Chilenga (Dhalai)
27	Uttaranchal			1	Hardwar
28	Uttar Pradesh	3	Lucknow Jhansi Allahabad	4	Lucknow Mitali S.K.Ngr Allahabad
29	West Bengal	3	Kolkata Nalbari Dinapur	2	Kolkata
30	A & N Islands				
31	Chandigarh				
32	Dadra and Nagar Haveli				
33	Daman & Diu				
34	Lakshadweep				
35	Puducherry				



K :

**FISHERIES
DEVELOPMENT**

NOTE ON THE FISHERIES SECTOR IN THE COUNTRY

1. INTRODUCTION

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. Total fish production as in 2007-08 stood at 7.13 million tonnes comprising of 4.21 million tonnes from Inland and 2.81 million tonnes from Marine sector. As compared to 5.65 million tonnes comprising of 2.84 million tonnes from Inland and 2.92 million tonnes from Marine sectors recorded during 2000-01. Having almost reached a plateau in production from the coastal waters, the scope for increasing fish production from marine sources now lies in the deep sea. In the inland sector, however, there is considerable scope for increasing production and productivity by adopting appropriate strategies. The potential for fishery development in Eastern and North Eastern states is immense and fish is an important constituent of diet of majority populace of the states in this region. Development of fisheries can ensure food security as well as tackle unemployment in these regions that are predominately inhabited by rural populace.

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, as evidenced by the recent entry of frozen squid, cuttle fish, tuna and a variety of other fin-fishes in to the export market. The export of fish and fish products increased from 4.24 lakh tonnes valued at Rs. 6310 crore in 2000-01 to 5.42 lakh tonnes valued at Rs. 7620 crore in 2007-08.

The Gross Domestic Product (GDP) showed an increase of 85.3% in 2007-08 over the year 2003-04 as compared to 46.7% in agriculture and allied activities. In case of fisheries, the increase has been 32.3% over the same period.

2. FISHERY RESOURCES

The country has a long coastline of 8118 km and an equally large area 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, 24.14 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 TENTH PLAN / ELEVENTH PLAN

The outlay approved by the Planning Commission for the fisheries sector is Rs. 2776 crore for the Eleventh Plan period. Against the BE of Rs. 170.00 crore and Rs. 180.00 crore in 2007-08 and 2008-09 respectively the actual expenditure of Rs. 162.00 crore and Rs. 171.00 crore, were incurred for the respective year. Out of the total allocation of Rs. 299.00 crore in 2009-10, Rs. 164.00 crore is earmarked for Centrally Sponsored / Central Sector Scheme in fisheries sector whereas Rs. 135.00 crore was earmarked for National Fisheries Development Board. 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 10th Plan were brought under the following umbrella schemes during the 11th Plan:

- Development of Inland Fisheries and Aquaculture
- Development of Marine Fisheries, Infrastructure and Post Harvest Operations
- Strengthening of Database & Geographical Information System for the Fisheries Sector.
- National Scheme of Welfare of Fishermen.

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, popularising 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 Farming Development Agencies (FFDA) fully for development and delivery of sustainable aquaculture throughout the country. The Centrally Sponsored Scheme renamed as "**Development of Inland Fisheries and Aquaculture**" during 10th Plan is being continued during 11th Plan with one more component added during 2008-09 as detailed below :-

- i) Development of Freshwater Aquaculture
- ii) Development of Brackish water Aquaculture
- iii) Development of Coldwater Fisheries and Aquaculture in the Hilly Regions
- iv) Development of Water-logged Areas into Aquaculture Estates
- v) Utilization of Inland Saline/Alkaline Soils for Aquaculture
- vi) Inland Capture Fisheries (Reservoirs/Rivers etc.)
- vii) Innovative Projects.

The two components viz, Development of Fresh Water Aquaculture and Development of Brackish Water Aquaculture are being implemented by a single agency, i.e., Fish Farmer Development Agency (FFDA) in the States and UTs. Through the network of 429 Fish Farmer Development Agencies (FFDAs) and 39 Brackish water Fish Farmers Development Agencies (BFDAs) covering all potential districts across the country, about 8.93 lakh ha water area have been brought under improved fish culture practices and 9.53 lakh fish farmers/fishermen were imparted training in pisciculture till 2008-09 in various States/UTs under the scheme.

3.2 DEVELOPMENT OF MARINE FISHERIES, INFRASTRUCTURE AND POST HARVEST OPERATIONS

The existing components as well as new components have been brought under an umbrella scheme namely Centrally Sponsored Scheme on Development of Marine Fisheries, Infrastructure & 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 11th Plan with the following major components :-

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.
- e) Establishment of 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 & fish landing centers

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, 6 major fishing harbours, 44 minor fishing harbours and 176 fish landing centres have been completed and put to use. Remaining 1 major fishing harbour, 17 minor fishing harbours and 18 fish landing centres are at various stages of construction at present.

(II) Strengthening of Post Harvest Infrastructure :

The aim of this component is to create necessary facilities to provide remunerative price to the fish farmers for their produce and made available fresh fish at reasonable price to the consumer. This component consists of four sub components namely :

- i) Developing of fish preservation and storage infrastructure.
- ii) Developing retail fish marketing infrastructure.
- iii) Assistance for fish transport infrastructure.

- iv) Development of central fish market in metros and big cities.

Since, reintroduction of the scheme during 10th Five Year Plan, 13 ice plants / cold storages, 45 fish retail outlets / kiosks, 31 insulated / refrigerated vehicles have been set up in the country.

(III) **Assistance for maintenance Dredging of Fishing Harbours and Fish landing Centres.**

Every fish harbour / fish landing centre is subjected to siltation due to natural phenomena. Realizing the siltation problem faced by the existing fishing harbours and fish landing centres, a Trailing Suction Hopper Dredger, 'TSD Sindhuraj' has been procured under Japanese Grant-in-aid programme to assist the States/UTs/Port-Trust for maintenance dredging at the existing fishing harbour. Under this component financial assistance is provided to coastal States/UTs & Port-Trust for undertaking maintenance dredging.

3.2.3 Innovative Activities.

This component has continued during 11th Five Year 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 Strengthening Of Database And Geographical Information System For Fisheries Sector

The scheme with total outlay of Rs 48.68 crore for implementation during the Eleventh Plan has the following components:

- 1) Sample survey for estimation of inland fishery resources and their potential and fish production,
 - 2) Development of Geographical Information System,
 - 3) Census on important Attributes of Marine Fisheries
 - 4) Catch Assessment Survey for inland and marine fisheries potential in coastal areas,
 - 5) Assessment of fish production,
 - 6) Evaluation Studies / Professional Services.
- The scheme is implemented with 100% Central assistance.
- 7) Registration of Fishing Vessels.
 - 8) Development of database of fisheries cooperative of India.
 - 9) Mapping of smaller water bodies and development of GIS based fishery management system.
 - 10) Strengthening of Statistical Unit at Headquarters.

3.4 WELFARE, TRAINING & EXTENSION PROGRAMME FOR FISHERS

3.4.1 National Scheme Of Welfare Of Fishermen

The centrally Sponsored National Scheme of Welfare of Fishermen comprising of four broad components as given below are in operation during the 11th five year plan for the

welfare of the fishermen in India:

- a) Development of Model Fishermen Villages
- b) Group Accident Insurance for Active Fishermen
- c) Saving-cum-Relief Scheme
- d) Training and extension

During 2008-09, assistance were provided for construction of 6886 houses of fishermen, to cover 2.2 lakh fishers under saving cum relief and to insure 33.20 lakh fishers under the Group Accident Insurance for active fishermen and to train 3480 fishers.

4. INSTITUTIONAL ARRANGEMENTS FOR THE FISHERIES SECTOR:

In order to promote fisheries sector, Govt. of India has four Fisheries Institutes working under its administrative control. These institution 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 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 the West Coast, Chennai and Visakhapatnam along the east coast and Port Blair in the Andaman & Nicobar Islands. A total of 13 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 274428 hooks for tuna and other longlining, conducted survey for 3202 for midwater and bottom trawling, thus completed 1480 fishing days by vessels during 2008-09.

4.2 Central Institute of Fisheries, Nautical & 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. Besides, short duration programme, two regular courses of 24 months duration namely Vessel Navigator Marine Fitter are conducted by the CIFNET. 762 candidates have been trained in short term courses, 96 candidates were trained in long term duration courses during 2007-08.

4.3 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. 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 courses. Besides the Head Quarters at Kochi, the Institute also has a centre at Visakhapatnam. The Institute processed 124.13 MT of fish, marketed 116.27 MT of fish during 2007-08. The total number of trainee days attained by institute was 523 during 2008-09.

4.4 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 the maritime states/ UT's in the speedy implementation of the projects. The Institute also extends technical assistance to the maritime State Governments/ UTs in preparation/ finalization of project reports for seeking Central assistance for developing fishing harbour/ fish landing centres. The institute has conducted 78 reconnaissance surveys, and prepared 77 Techno-Economic Feasibility Reports (TEFRs) till March 2009. The institute has also reconnoitered about 66, 200 ha of brackish water area and engineering investigation were carried out over 15600 h.a. in all maritime states for development of brackish water shrimp culture projects.

4.5 National Fisheries Development Board (NFDB)

National Fisheries Development Board (NFDB) has been set up in September 2006 with its head quarter at 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 form 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 Rs. 7,000/- crore to Rs. 14,000/- crore and provide employment to an extent 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 major activities relating to fisheries and aquaculture for focussed 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 / UT Government;
- To improve production, processing, storage, transport and marketing of the products 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 generate substantial employment;
- To train and empower women in the fisheries sector; and
- To enhance contribution of fish towards food and nutritional security.

4.5.2 Major activities to be taken up by the National Fisheries Development Board :

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, installation of 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.

Accordingly, the board started i) Setting up of SPF P. Monodon Multiplication Centre at Srikakulam district of Andhra Pradesh, ii) Seed Stocking in 2106 reservoirs covering an area of 7.95 lakh h.a. with 44.96 lakh fingerlings in 13 states, iii) 14 units of open Sea Cage Culture demonstrating along the maritime states jointly with CMFRI, iv) Farming of Asian Seabass, Lates Calcarifer in the ponds jointly with CIBA, v) Establishing Aquatic Animal Quarantine facility at Chennai in association with Coastal Aquaculture Authority, MPEDA and CIBA. Further, NFDB has taken up various HRD programmes jointly with various institutes like ASCI, MANAGE, 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 established 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 that 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 this 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 11th Plan for over all development of the marine fisheries sector.

5.3 Long term leasing policy for inland water bodies:

Government of India continue 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 a season for breeding of fish. Guidelines and instructions have already been issued to all the States / UTs. The matter was taken up in detail in the Conference of the State Ministers of Fisheries in February 2007. There are some disputes between some states about the date and the matter is being taken up to resolve this issue.