

# HANDBOOK ON FISHERIES STATISTICS 2014



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



सत्यमेव जयते

# HANDBOOK ON FISHERIES STATISTICS 2014

**August, 2014**

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

*Compiled by*  
Fisheries Statistics Unit  
Fisheries Division  
Department of Animal Husbandry, Dairying and Fisheries

Printed by Fisheries Survey of India on behalf of Department of Animal  
Husbandry, Dairying and Fisheries  
Printed at Jyoti Enterprises, Fort, Mumbai-400 001.  
Tel. : 2263 2173 / 2270 4558



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सचिव

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Ministry of Agriculture

Department of Animal Husbandry, Dairying & Fisheries  
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Dated the 12<sup>th</sup> August, 2014

## PREFACE

This, the twelfth edition of the 'Handbook on Fisheries Statistics', contains useful information on various aspects of the Fisheries sector.

The importance of this sector in the socio economic development of the country is well known. Not only is it a source of livelihood for over 14 million people, it has also contributed ₹ 30,213 crore through exports during 2013-14. India is the 2<sup>nd</sup> largest producer of fish in the world with a share of 5.68% of the global total, as per FAO Statistics.

The country has a long coastline of about 8,118 km and an exclusive economic zone of 2.02 million sq. km. The vast resources both inland and marine are indicative of the immense growth potential of the sector. We are well on our way to harnessing this potential as can be seen from the fact that fish production increased from a level of 0.75 million tonnes in 1950-51 to 9.58 million tonnes in 2013-14 comprising 3.44 million tonnes from marine and 6.14 million tonnes from inland resources. The Fishery sector also accounts for 0.83 percent of total GDP and 4.75 percent of the Agriculture Sector's GDP at current prices for the year 2012-13. We are confident that this sector will continue to grow, especially the inland component.

I take this opportunity to thank officers in States & UT's and other agencies for their wholehearted co-operation in supplying necessary information for the Handbook. I also wish to place on record my appreciation for all officers of the Fisheries Division, especially the Statistics Unit for bringing out the publication. I hope this publication would be made full use by Planners, Policy makers, Researchers and others.

Suggestions for improvement in the contents and presentation of the Handbook are welcome.

(Anup Kumar Thakur)



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## FIGURES AT A GLANCE

1. Area of the country	3.29 million sq. km.						
2. Length of Coastline	8118 kms						
3. Exclusive Economic Zone	2.02 million sq. km.						
4. Continental shelf area (approx.)	0.53 million sq. km.						
5. Fish Production in 2013-14 (Prov.)(million tonnes)	<table style="display: inline-table; border: none;"> <thead> <tr> <th style="text-align: left;">Marine</th> <th style="text-align: left;">Inland</th> <th style="text-align: left;">Total</th> </tr> </thead> <tbody> <tr> <td style="text-align: right;">3.44</td> <td style="text-align: right;">6.14</td> <td style="text-align: right;">9.58</td> </tr> </tbody> </table>	Marine	Inland	Total	3.44	6.14	9.58
Marine	Inland	Total					
3.44	6.14	9.58					
6. Export of fisheries products, 2013-14							
a) Quantity ('000 Tonnes)	983.76						
b) Value (₹ crores)	30213.26						
7. Contribution of fisheries to <b>Gross Domestic Product (GDP),</b> 2012-13 at current prices							
a) GDP from fisheries	₹ 78053 Crores						
b) Contribution of fisheries sector to							
i. Total GDP	0.83 per cent						
ii. GDP from Agriculture sector	4.75 per cent						
8. Population							
a) On March 1, 2001	1028.70 million						
b) On March 1, 2011	1210.19 million						
c) Annual Exponential Growth Rate 1901-2011	1.67%						
d) Decadal changes in %	17.64						

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

**a) No. of family members**

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

**b) Engaged in fishing operations**

<b>i. Full time</b>	<b>933,124</b>
<b>ii. Part time</b>	<b>1,072,079</b>

**c) Engaged in fishing related activities other than actual fishing**

<b>i. Marketing of fish</b>	<b>391,000</b>
<b>ii. Repair of fishing nets</b>	<b>245,100</b>
<b>iii. Processing of fish</b>	<b>46,200</b>
<b>iv. Other activities</b>	<b>334,700</b>





**SECTION : A**  
**PRODUCTION**  
**AND DISPOSAL**



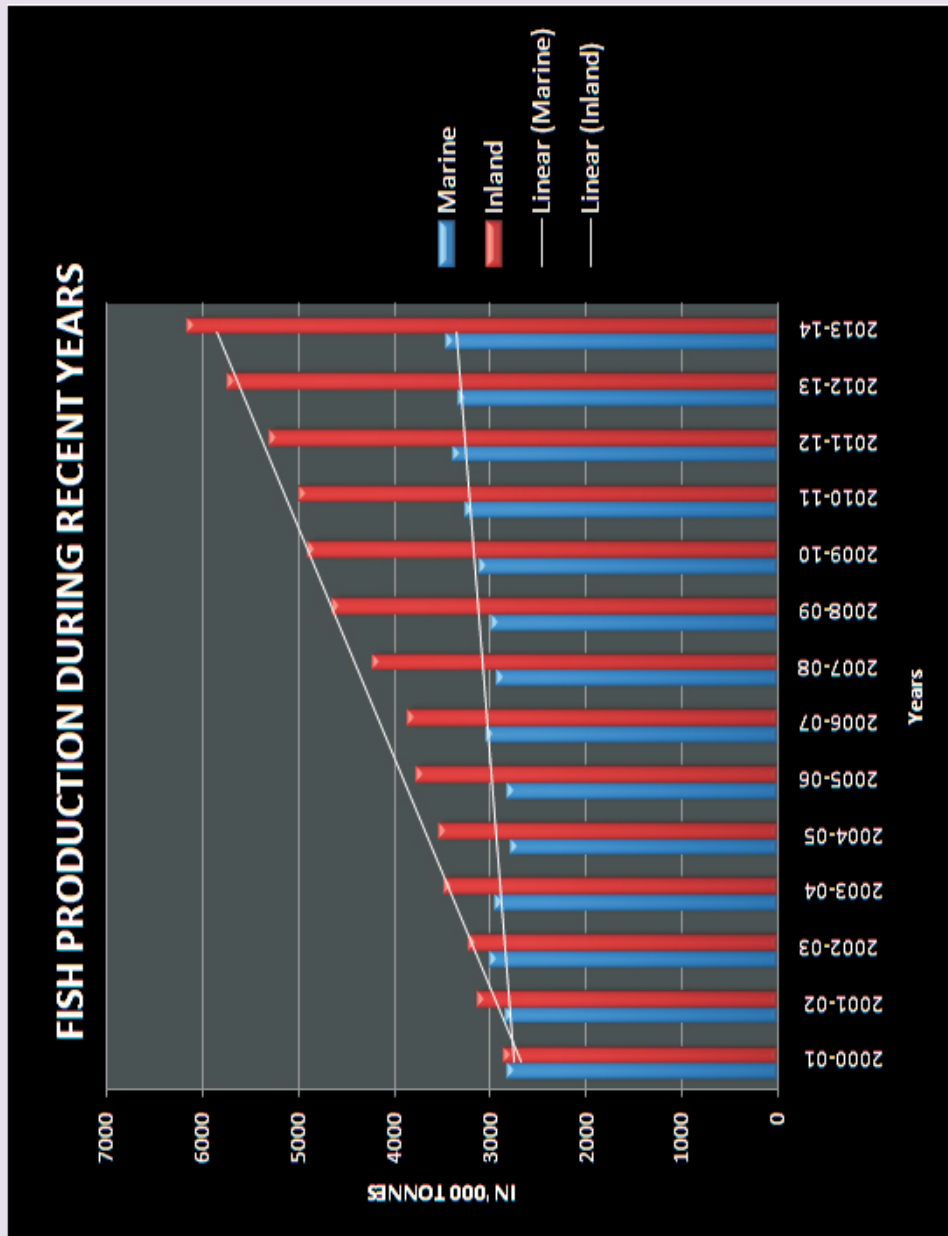
**TABLE A-1 FISH PRODUCTION IN INDIA FOR THE PERIOD - 1950-51 TO 2013-14 (P)**

Year	Fish Production ('000 tonnes)			Average Annual Growth Rate (Per cent)		
	Marine	Inland	Total	Marine	Inland	Total
1950-51	534	218	752	-	-	-
1955-56	596	243	839	2.32	2.29	2.31
1960-61	880	280	1160	9.53	3.05	7.65
1965-66	824	507	1331	-1.27	16.21	2.95
1970-71	1086	670	1756	6.36	6.43	6.39
1973-74	1210	748	1958	3.81	3.88	3.83
1978-79	1490	816	2306	4.63	1.82	3.55
1979-80	1492	848	2340	0.13	3.92	1.47
1980-81	1555	887	2442	4.22	4.60	4.36
1981-82	1445	999	2444	-7.07	12.63	0.08
1982-83	1427	940	2367	-1.25	-5.91	-3.15
1983-84	1519	987	2506	6.45	5.00	5.87
1984-85	1698	1103	2801	11.78	11.75	11.77
1985-86	1716	1160	2876	1.06	5.17	2.68
1986-87	1713	1229	2942	-0.17	5.95	2.29
1987-88	1658	1301	2959	-3.21	5.86	0.58
1988-89	1817	1335	3152	9.59	2.61	6.52
1989-90	2275	1402	3677	25.21	5.02	16.66
1990-91	2300	1536	3836	1.10	9.56	4.32
1991-92	2447	1710	4157	6.39	11.33	8.37
1992-93	2576	1789	4365	5.27	4.62	5.00
1993-94	2649	1995	4644	2.83	11.51	6.39
1994-95	2692	2097	4789	1.62	5.11	3.12
1995-96	2707	2242	4949	0.56	6.91	3.34
1996-97	2967	2381	5348	9.60	6.20	8.06
1997-98	2950	2438	5388	-0.57	2.39	0.75
1998-99	2696	2602	5298	-8.61	6.73	-1.67
1999-00	2852	2823	5675	5.79	8.49	7.12
2000-01	2811	2845	5656	-1.44	0.78	-0.33
2001-02	2830	3126	5956	0.68	9.88	5.30
2002-03	2990	3210	6200	5.65	2.69	4.10
2003-04	2941	3458	6399	-1.64	7.73	3.21
2004-05	2779	3526	6305	-5.51	1.97	-1.47
2005-06	2816	3756	6572	1.33	6.52	4.23
2006-07	3024	3845	6869	7.39	2.37	4.52
2007-08	2920	4207	7127	-3.44	9.41	3.76
2008-09	2978	4638	7616	1.99	10.24	6.86
2009-10	3104	4894	7998	4.23	5.52	5.02
2010-11	3250	4981	8231	4.70	1.78	2.91
2011-12	3372	5294	8666	3.75	6.28	5.28
2012-13	3321	5719	9040	-1.51	8.03	4.32
2013-14(P)	3443	6136	9579	3.67	7.29	5.96

Source: State Governments / Union Territory Administrations (P) : Provisional  
i. Central Marine Fisheries Research Institute, Kochi for the period up to 1970-71  
ii. State Governments / Union Territory Administrations since 1971-72.

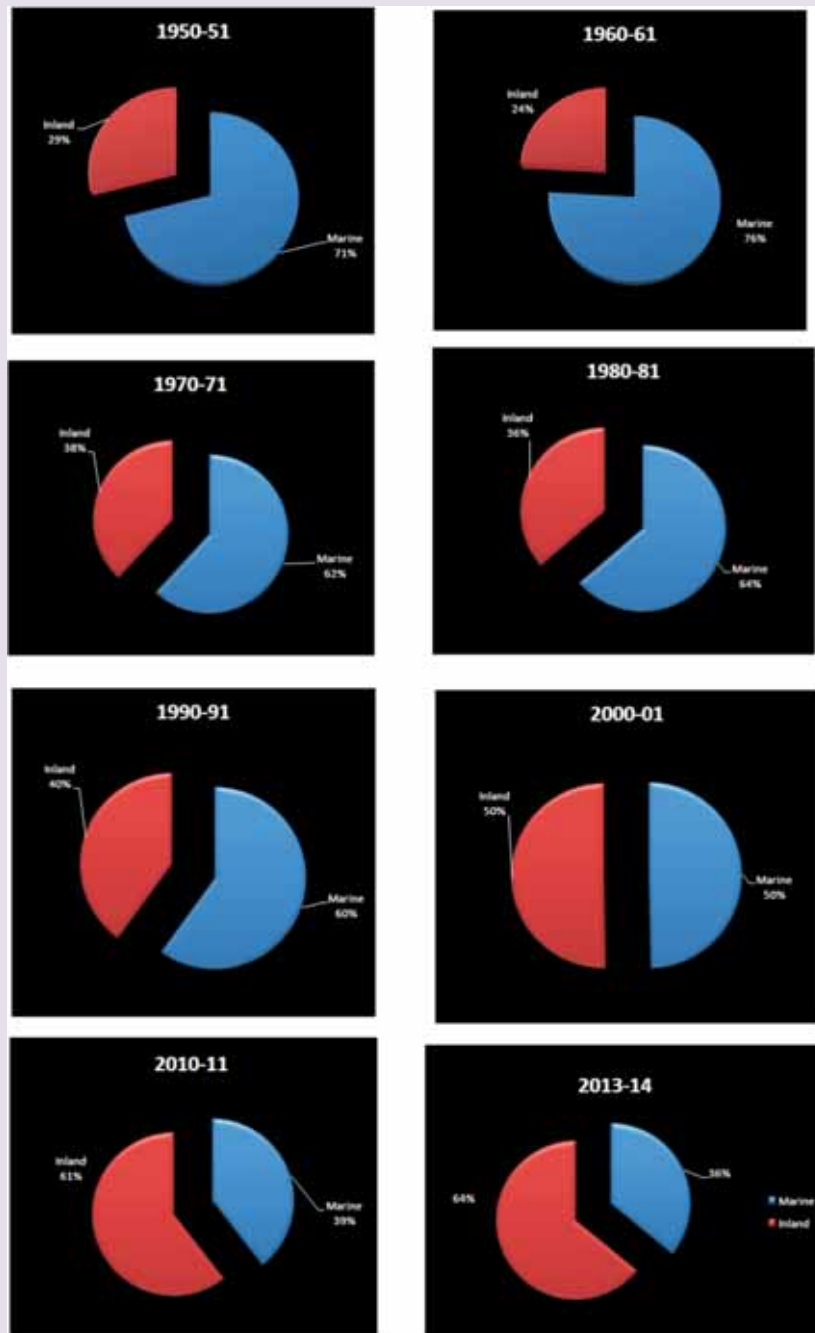


**CHART 1: FISH PRODUCTION DURING RECENT YEAR MARINE AND INLAND**





**CHART 2: PERCENTAGE CONTRIBUTION OF INLAND AND MARINE FISHERIES**







**TABLE A-2**

**FISH PRODUCTION BY STATES / UNION TERRITORIES,  
(2000-01 TO 2013-14 (P))**

(In '000 tonnes)

Sl. No.	State/Union Territory	2000-01	2001-02	2002-03	2003-04	2004-05
1	Andhra Pradesh	589.69	676.11	827.90	944.64	853.05
2	Arunachal Pradesh	2.50	2.60	2.60	2.65	2.70
3	Assam	158.62	161.45	165.52	181.00	186.31
4	Bihar	222.16	240.40	261.00	266.49	267.51
5	Chhattisgarh	43.39	95.76	99.80	111.05	120.07
6	Goa	71.57	69.92	76.53	87.36	99.04
7	Gujarat	660.74	701.60	777.91	654.62	635.21
8	Haryana	33.04	34.57	35.18	39.13	42.05
9	Himachal Pradesh	7.02	7.22	7.24	6.53	6.90
10	Jammu & Kashmir	17.51	18.85	19.75	19.75	19.10
11	Jharkhand	42.6	101.00	45.38	75.38	22.00
12	Karnataka	333.37	249.61	266.42	257.00	251.23
13	Kerala	651.81	671.82	678.32	684.7	678.31
14	Madhya Pradesh	48.84	47.46	42.17	50.82	62.06
15	Maharashtra	526.10	537.05	514.10	545.13	548.02
16	Manipur	16.05	16.45	16.60	17.60	17.80
17	Meghalaya	6.18	4.97	5.37	5.15	5.64
18	Mizoram	2.86	3.15	3.25	3.38	3.68
19	Nagaland	5.50	5.20	5.50	5.56	4.90
20	Odisha	259.64	281.95	287.53	306.9	315.59
21	Punjab	52.00	58.00	66.00	83.65	77.70
22	Rajasthan	12.12	14.27	25.60	14.3	16.39
23	Sikkim	0.14	0.14	0.14	0.14	0.14
24	Tamil Nadu	481.42	485.00	473.50	474.14	459.43
25	Tripura	29.42	29.45	29.52	17.98	19.84
26	Uttarakhand	9.07	6.42	2.55	2.56	2.57
27	Uttar Pradesh	208.29	225.37	249.84	267.00	277.07
28	West Bengal	1060.23	1100.10	1120.00	1169.60	1215.00
29	A and N Islands	27.68	27.08	28.30	31.15	32.68
30	Chandigarh	0.08	0.04	0.08	0.08	0.08
31	Dadra and Nagar Haveli	0.04	0.05	0.05	0.05	0.05
32	Daman and Diu	16.38	21.52	11.26	13.77	12.51
33	Delhi	3.98	3.20	2.25	2.10	1.41
34	Lakshadweep	12.00	13.65	7.50	10.03	11.96
35	Puducherry	43.30	44.50	45.02	48.00	36.75
	<b>INDIA</b>	<b>5655.34</b>	<b>5955.93</b>	<b>6199.68</b>	<b>6399.39</b>	<b>6304.75</b>

Source : Director of Fisheries State Govt. / UTs Administration  
(P): Provisional

**TABLE A-2****FISH PRODUCTION BY STATES / UNION TERRITORIES,  
(2000-01 TO 2013-14 (P))**

(In '000 tonnes)

2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14 (P)
891.09	856.93	1010.09	1252.78	1305.86	1368.20	1603.2	1808.08	2018.42
2.75	2.77	2.83	2.88	2.65	3.15	3.30	3.71	0.61
188.01	181.48	190.32	206.15	218.82	227.24	228.62	254.27	266.70
279.53	267.04	319.10	300.65	297.40	299.91	344.47	400.14	432.30
131.75	137.75	139.37	158.70	174.25	228.21	250.69	255.61	284.96
104.95	102.40	33.43	86.21	85.36	93.27	89.96	77.88	114.06
733.82	747.33	721.91	765.90	771.51	774.90	783.72	788.49	793.42
48.20	60.08	67.24	76.29	100.46	96.19	106.00	111.48	116.90
7.30	6.89	7.85	7.79	7.85	7.38	8.04	8.56	9.83
19.15	19.20	17.33	19.27	19.30	19.70	19.85	19.95	19.98
34.27	34.27	67.89	75.80	70.50	71.89	91.68	96.60	104.82
297.57	292.46	297.67	361.85	420.06	526.58	546.44	525.57	555.31
636.89	677.63	667.33	685.99	698.86	681.61	693.21	679.74	708.65
61.07	65.04	63.89	68.47	66.12	56.45	75.41	85.16	96.26
580.54	595.94	556.45	523.10	550.36	595.25	578.79	586.37	602.68
18.22	18.61	18.60	18.80	19.20	20.20	22.22	24.50	28.54
4.12	5.49	4.00	3.96	4.33	4.56	4.77	5.42	5.75
3.75	3.76	3.76	2.89	3.25	2.90	2.93	5.43	5.94
5.50	5.80	5.80	6.18	6.36	6.59	6.84	7.13	7.47
325.45	342.04	349.48	374.82	382.55	386.19	381.83	410.14	413.79
85.64	86.70	78.73	86.21	122.86	97.04	97.62	99.13	104.02
18.50	22.20	25.70	24.10	26.91	28.20	47.85	55.16	35.10
0.15	0.15	0.18	0.17	0.17	0.18	0.28	0.49	0.42
463.03	542.28	559.36	534.17	582.93	614.81	611.49	620.40	624.30
23.87	28.63	36.25	36.00	42.28	49.23	53.33	57.46	61.95
2.79	3.00	3.09	3.16	3.49	3.82	3.83	3.85	3.89
289.58	306.73	325.95	349.27	392.93	417.48	429.72	449.75	464.48
1250.00	1359.10	1447.26	1484.00	1517.01	1443.26	1472.05	1490.01	1580.65
12.10	28.69	28.69	32.49	33.16	33.92	35.26	36.62	36.95
0.09	0.17	0.21	0.24	0.24	0.24	0.09	0.05	0.11
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
17.79	16.41	26.36	14.14	15.88	16.97	17.43	19.01	19.01
0.70	0.61	0.61	0.72	0.71	0.82	0.74	0.69	0.88
11.96	11.75	11.04	12.59	12.37	12.37	12.37	12.37	18.72
21.45	39.67	39.01	40.30	41.95	41.95	42.40	41.07	42.08
<b>6571.63</b>	<b>6869.05</b>	<b>7126.83</b>	<b>7616.09</b>	<b>7997.99</b>	<b>8230.71</b>	<b>8666.71</b>	<b>9040.34</b>	<b>9578.97</b>

(P): Provisional



**TABLE A-3**

**MARINE FISH PRODUCTION BY STATES / UNION TERRITORIES, (2000-01 TO 2013-14 (P))**

(In '000 tonnes)

Sl. No.	State/Union Territory	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
1	Andhra Pradesh	182.50	204.94	248.50	263.93	210.73	218.84
2	Goa	67.33	66.55	72.29	83.76	94.81	100.91
3	Gujarat	620.47	650.83	743.64	609.14	584.78	663.88
4	Karnataka	205.90	128.42	180.16	187.00	171.23	176.97
5	Kerala	566.57	593.78	603.29	608.52	601.86	558.91
6	Maharashtra	402.84	414.27	386.86	420.01	417.77	445.34
7	Odisha	121.09	113.89	115.01	116.88	121.93	122.21
8	Tamil Nadu	367.86	371.00	371.50	373.00	307.69	307.99
9	West Bengal	181.00	184.30	181.50	181.60	179.50	160.00
10	A & N Islands	27.62	27.02	28.23	31.06	32.60	12.05
11	Daman & Diu	16.38	21.52	11.26	13.77	12.51	17.72
12	Lakshadweep	12.00	13.65	7.50	10.03	11.96	11.96
13	Puducherry	38.95	39.60	40.11	42.80	31.50	19.27
	<b>INDIA</b>	<b>2810.50</b>	<b>2829.77</b>	<b>2989.85</b>	<b>2941.50</b>	<b>2778.87</b>	<b>2816.05</b>

Source : Director of Fisheries State Govt. / UTs Administration

(P): Provisional

**TABLE A-3****MARINE FISH PRODUCTION BY STATES / UNION TERRITORIES, (2000-01 TO 2013-14 (P))**

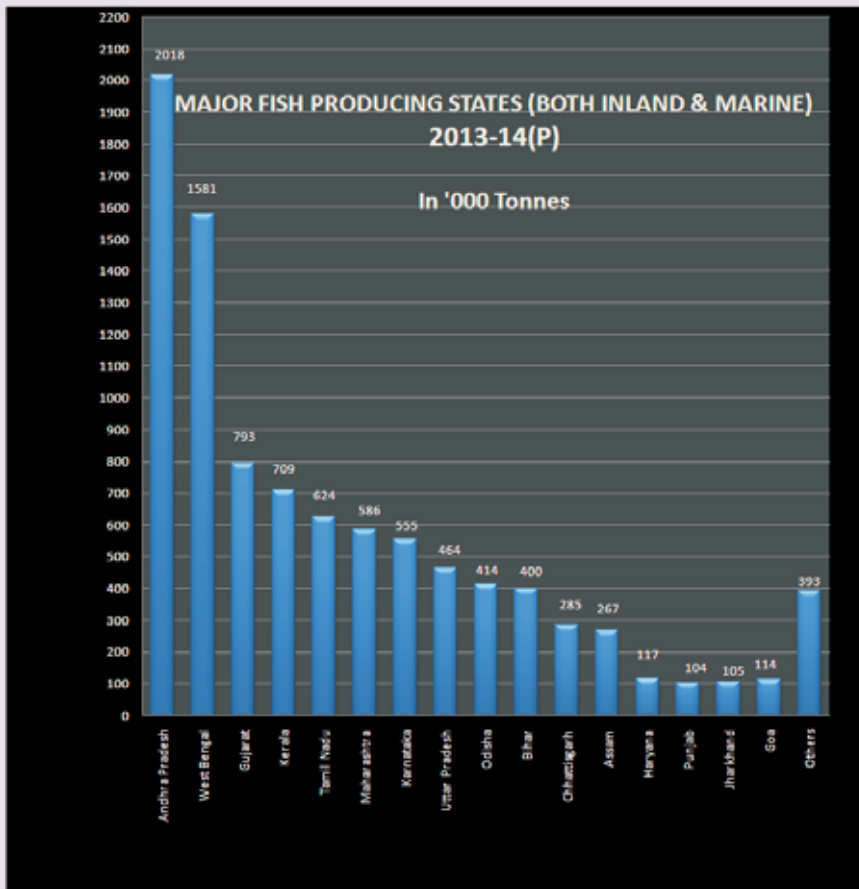
(In '000 tonnes)

2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14 (P)
240.20	254.89	291.16	293.15	288.64	433.28	414.35	438.25
98.97	32.26	83.14	81.93	89.96	86.21	73.71	109.57
670.51	644.53	623.05	687.44	688.93	692.49	693.56	695.58
168.54	175.57	218.14	248.73	340.57	347.38	357.32	357.36
598.06	586.29	583.15	570.01	560.40	553.18	530.64	522.31
464.09	419.82	395.96	415.77	446.70	433.68	448.91	467.46
128.14	130.77	135.49	129.33	133.48	114.30	118.31	120.02
387.25	393.27	365.28	401.13	404.61	426.73	428.44	432.27
178.10	182.74	189.29	179.00	197.11	182.02	152.35	188.24
28.60	28.60	32.33	33.00	33.74	35.07	36.43	36.75
16.35	26.28	14.06	15.88	16.85	17.43	18.78	18.78
11.75	11.04	12.59	12.37	12.37	12.37	12.37	18.72
33.61	33.44	34.55	36.10	36.10	37.61	35.61	37.81
<b>3024.17</b>	<b>2919.50</b>	<b>2978.19</b>	<b>3103.84</b>	<b>3249.46</b>	<b>3371.75</b>	<b>3320.78</b>	<b>3443.11</b>

(P): Provisional



**CHART 3:** MAJOR FISH PRODUCING STATES / UNION TERRITORIES (BOTH INLAND & MARINE) 2013-14 (P)





**CHART 4:** MARINE FISH PRODUCING STATES

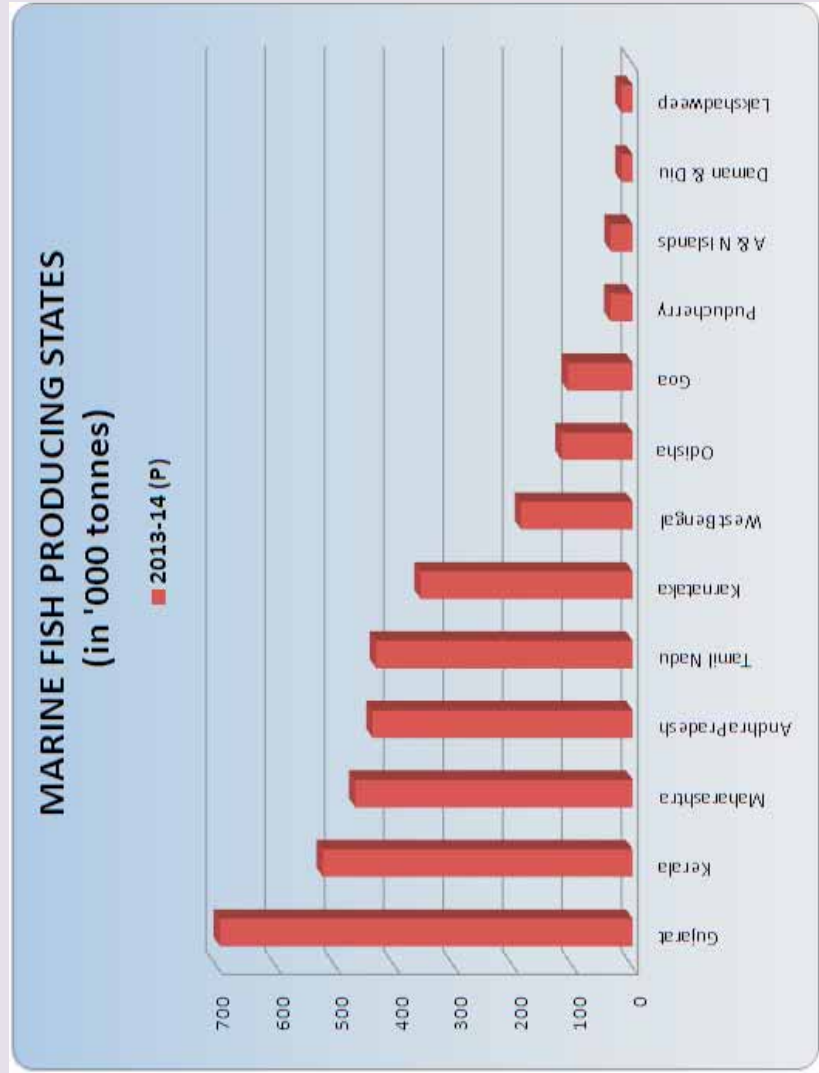
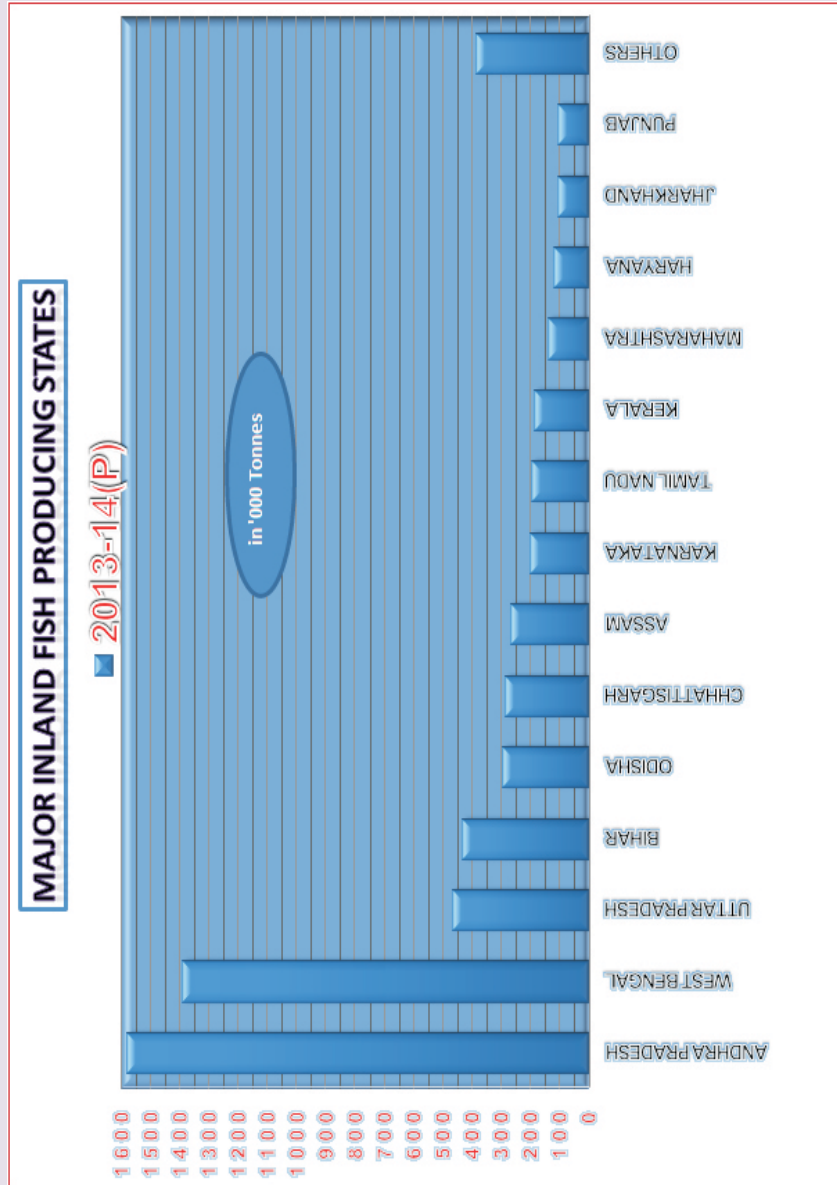


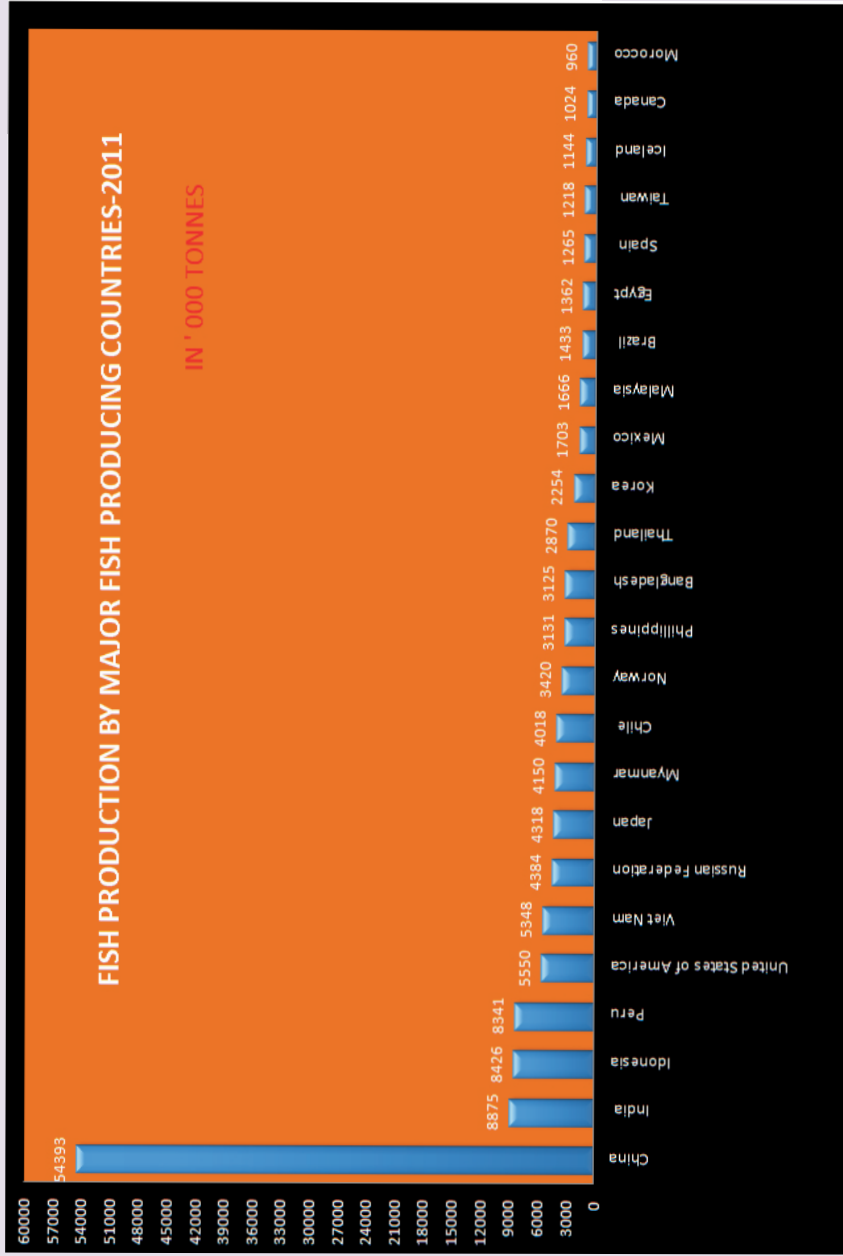


CHART 5: MAJOR INLAND FISH PRODUCING STATES - 2013-14 (P)





**CHART 6: MAJOR INLAND FISH PRODUCING COUNTRIES - 2011**







**TABLE A-4**

**INLAND FISH PRODUCTION BY STATES/  
UNION TERRITORIES, (2000-01 TO 2013-14 (P))**

(In '000 tonnes)

Sl. No.	State/UTs	2000-01	2001-02	2002-03	2003-04	2004-05
1	Andhra Pradesh	407.19	471.17	579.4	680.71	642.32
2	Arunachal Pradesh	2.50	2.60	2.60	2.65	2.70
3	Assam	158.62	161.45	165.52	181.00	186.32
4	Bihar	222.16	240.40	261.00	266.49	267.51
5	Chhattisgarh	43.39	95.76	99.80	111.05	120.07
6	Goa	4.24	3.37	4.25	3.60	4.23
7	Gujarat	40.26	50.77	34.27	45.48	50.43
8	Haryana	33.04	34.57	35.18	39.13	42.05
9	Himachal Pradesh	7.02	7.22	7.24	6.53	6.90
10	Jammu & Kashmir	17.51	18.85	19.75	19.75	19.10
11	Jharkhand	42.60	101.00	45.38	75.38	22.00
12	Karnataka	127.47	121.20	86.26	70.00	80.00
13	Kerala	85.23	78.04	75.04	76.18	76.45
14	Madhya Pradesh	48.84	47.46	42.17	50.82	62.06
15	Maharashtra	123.27	122.79	127.24	125.12	130.25
16	Manipur	16.05	16.45	16.60	17.60	17.80
17	Meghalaya	6.18	4.97	5.37	5.15	5.64
18	Mizoram	2.86	3.15	3.25	3.38	3.68
19	Nagaland	5.50	5.20	5.50	5.56	4.90
20	Odisha	138.56	168.06	172.53	190.02	193.66
21	Punjab	52.00	58.00	66.00	83.65	77.70
22	Rajasthan	12.12	14.27	25.60	14.3	16.39
23	Sikkim	0.14	0.14	0.14	0.14	0.14
24	Tamil Nadu	113.56	114.00	102.00	101.14	151.73
25	Tripura	29.42	29.45	29.52	17.98	19.84
26	Uttarakhand	9.07	6.42	2.55	2.56	2.57
27	Uttar Pradesh	208.29	225.37	249.84	267.00	277.07
28	West Bengal	879.23	915.80	938.50	988.00	1035.50
29	A and N Islands	0.07	0.06	0.07	0.09	0.08
30	Chandigarh	0.08	0.04	0.08	0.08	0.08
31	Dadra and Nagar Haveli	0.04	0.05	0.05	0.05	0.05
32	Daman and Diu	0.00	0.00	0.00	0.00	0.00
33	Delhi	3.98	3.20	2.25	2.10	1.41
34	Lakshadweep	0.00	0.00	0.00	-	0.00
35	Puducherry	4.35	4.90	4.91	5.20	5.25
	<b>INDIA</b>	<b>2844.83</b>	<b>3126.18</b>	<b>3209.86</b>	<b>3457.89</b>	<b>3525.88</b>

Source : Director of Fisheries State Govt. / UTs Administration  
(P): Provisional

**TABLE A-4****INLAND FISH PRODUCTION BY STATES/  
UNION TERRITORIES, (2000-01 TO 2013-14 (P))**

(In '000 tonnes)

2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14 (P)
672.25	616.73	755.20	961.62	1012.71	1079.56	1169.89	1393.73	1580.17
2.75	2.77	2.83	2.88	2.65	3.15	3.30	3.71	0.61
188.01	181.48	190.32	206.15	218.82	227.24	228.62	254.27	266.70
279.53	267.04	319.10	300.65	297.40	299.91	344.47	400.14	432.30
131.75	137.75	139.37	158.70	174.25	228.21	250.69	255.61	284.96
4.04	3.43	1.17	3.08	3.44	3.31	3.75	4.17	4.49
69.93	76.82	77.38	142.85	84.07	85.97	91.23	94.93	97.84
48.20	60.08	67.24	76.28	100.46	96.19	106.00	111.48	116.90
7.30	6.89	7.85	7.79	7.85	7.38	8.05	8.56	9.83
19.15	19.20	17.33	19.27	19.30	19.70	19.85	19.95	19.98
34.27	34.27	67.89	75.80	70.50	71.89	91.68	96.60	104.82
120.60	123.92	122.12	143.72	171.33	186.01	199.05	168.24	197.95
77.98	79.57	81.04	102.84	128.84	121.21	140.03	149.10	186.34
61.08	65.04	63.89	68.47	66.12	56.45	75.41	85.17	96.26
135.20	131.85	136.63	127.14	134.59	148.55	145.11	137.46	135.22
18.22	18.61	18.60	18.80	19.20	20.20	22.22	24.50	28.54
4.12	5.49	4.00	3.96	4.33	4.56	4.77	5.42	5.75
3.75	3.76	3.76	2.89	3.25	2.90	2.93	5.43	5.94
5.50	5.80	5.80	6.17	6.36	6.58	6.84	7.13	7.47
203.23	213.90	218.72	239.33	253.22	252.71	267.53	291.83	293.76
85.64	86.70	78.73	86.21	122.86	97.04	97.62	99.13	104.02
18.50	22.20	25.70	24.10	26.91	28.20	47.85	55.16	35.10
0.15	0.15	0.18	0.16	0.16	0.18	0.28	0.49	0.42
155.04	155.04	166.09	168.88	181.80	210.20	184.75	191.96	192.03
23.87	28.63	36.25	36.00	42.28	49.23	53.34	57.46	61.95
2.79	3.00	3.09	3.16	3.49	3.82	3.83	3.85	3.89
289.58	306.73	325.95	349.27	392.93	417.48	429.72	449.75	464.48
1090.00	1181.01	1264.53	1294.71	1338.00	1246.15	1290.03	1337.66	1392.40
0.04	0.09	0.09	0.16	0.17	0.19	0.19	0.19	0.20
0.09	0.17	0.21	0.24	0.24	0.24	0.09	0.05	0.11
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0.07	0.00	0.00	0.08	0.00	0.12	0.00	0.23	0.23
0.70	0.61	0.61	0.71	0.71	0.82	0.74	0.69	0.88
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.18	6.06	5.57	5.75	5.85	5.85	4.79	5.46	4.27
<b>3755.56</b>	<b>3844.84</b>	<b>4207.29</b>	<b>4637.87</b>	<b>4894.14</b>	<b>4981.25</b>	<b>5294.70</b>	<b>5719.56</b>	<b>6135.85</b>



**TABLE A-5.1**

**MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2007**

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
1	Hilsa Ilisha (Tenulosa)		3793	1595	16072	196	654	<b>22310</b>
2	Flat Fish	2165	1840	2308		10		<b>6323</b>
3	Bregmaceros	2541		40			488	<b>3069</b>
4	Harpodon Neherus	15	1168	38	32107		140	<b>33468</b>
5	Sea Catfishes	2144	10874	2666	30171	285	337	<b>46477</b>
6	Lizard Fishes	7184		1127		7	751	<b>9069</b>
7	Muraenesox spp.. (Eels)	1391	2212	555	98		59	<b>4315</b>
8	Lactarius (Parava)	4198		941		56	423	<b>5618</b>
9	Leiognathus (Silver Bellies)	2328	1868	39200	3650	2450	1486	<b>50982</b>
10	Sciaenidae (Croackers)	2961	12792	10666	7239	834	380	<b>34872</b>
11	Upeneus spp.. (Goat Fish)	7437			429	6		<b>7872</b>
12	Lates Sp. Lutjanus (Perches)	4588	2343	19980	4480	4808	2272	<b>38471</b>
13	Hemirhamphus spp. (Half Beaks)	6588		4401	305	202	318	<b>11814</b>
14	Exocoetus (Flying Fish)	419		1942		19	320	<b>2700</b>
15	Sphyræna spp. (Barracudas)	2248		2677		634	483	<b>6042</b>
16	Mugilidae (Mulletts)	791	6616	971	5914	865	1358	<b>16515</b>
17	Polynemidae (Indian Salmon)	9621	1600	2259	2205	21	580	<b>16286</b>
18	Caranax spp.. (Kala Bangada)	5115		14564	3768	1095	1026	<b>25568</b>
19	Trachinotus spp..	1900						<b>1900</b>
20	Carangidae (Bangada)	873	3379	3075		2052	956	<b>10335</b>
21	Stromatidae (Butter Fish)	5521	8364		8694		849	<b>23428</b>
22	Sardinella Indian Oil Sardine	4391	5561		8505		3348	<b>21805</b>
23	Engraulidae (Anchovies)	6442	3925	3288	539	2981	690	<b>17865</b>
24	Other Clupeids	5824	4344	3736	5055	834	494	<b>20287</b>
25	Chirocentrus spp.	2892	2773	7268		14	137	<b>13084</b>
26	Wahoo	1340						<b>1340</b>
27	Spanish Mackerels	2012	1811	15454				<b>19277</b>
28	King Mackerel (Indo-Pacific)	2042	425					<b>2467</b>
29	Struooed Seerfish (Thazard Cirrus)	2423	21					<b>2444</b>
30	Seer Fish Scomberomorus spp.	4915		9143	659	1204	1911	<b>17832</b>

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

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

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
3240			1148			913	5301	27611
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		27583	6589	401	236	775	35584	61152
0						31	31	1931
20168	1176	22257				211	43812	54147
0	1572	9558	10938	665		178	22911	46339
0	45637	155993	27215	28173		98	257116	278921
10426	2366	33118	23742	3		951	70606	88471
14684	2425	16140	2109	2023		1255	38636	58923
9297		263	2865	251		313	12989	26073
0				559			559	1899
0						335	335	19612
0		45538					45538	48005
0			9841				9841	12285
14460	3511	2551		4407	95	696	25720	43552

continued...



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

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
31	Auxis Thazard Firgate & Bullet Tuna	9832					100	9932
32	Euthynnus Affinis (Kawa Kawa)	1835	705	4806		94	500	7940
33	Katsuwonus Pelamis (Skipjack Tuna)	315				124	300	739
34	Thunnus Tonggol (Long Tail Tuna)	759				64		823
35	Istiophoridae (Marlin Sailfish)	355						355
36	Scombridae (Tuna Like Fishes)	365				2359		2724
37	Trichiuridae (Hair Tails)	777	9071	989	8195		651	19683
38	Rastelliger Ranagueta Indian Macker	3643	5476		7470		2246	18835
39	Elasmobranches (Shark, Rays, Skates)	8338	6972	21155	123	2956	1158	40702
40	Other Marine Fishes	14827	23706		14773	2495	4227	60028
41	Decapods (a) Penaeid Prawn	17478	12672	22027	11001	586	1674	65438
42	(b) Non-Penaeid Prawn	24987	1801	4881	5527	18	398	37612
43	(c) Other Crust Crab	11746		1578				13324
44	Natanian Decapods	5439						5439
45	Marine Crust Crab	326			894	571		1791
46	Cephalopods (a) Squid & Cuttle Fish	38	1535	9581		12	480	11646
47	(b) Other Molluscs	3623	568					4191
48	Thunnus albacares (Yellowfin tuna)	2065	27		225	72	1352	3741
49	Thunnus obesus (Bigeye tuna)	1724				64		1788
50	Istiophorus platypterus (Indo-Pacific sailfish)	332						332
51	Xiphias gladius (Swordfish)	0				17		17
52	Panaeus monodon (Giant tiger prawn)	1940						1940
53	Panaeus spp (Panaeus shrimps nei)	2317						2317
54	Euphausia superba (Antarctic Krill)	13538						13538
55	Crustacea (Marine crustaceans)	0					671	671
56	Rana spp (Frogs)	18947						18947
57	Ascidacea (Sea squirts)	0						0
58	Unspecified	0		189759			55	189814
59	Deep Sea Fishing Sector *	3350						3350
60	Misc.	191						191
	<b>Total</b>	<b>251396</b>	<b>138242</b>	<b>402670</b>	<b>178098</b>	<b>28005</b>	<b>33272</b>	<b>1031683</b>

@ The landings from Deepsea Vessels

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


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

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
	1157		5336		1331	127	7951	17883
				226	532	474	1232	9172
				1916	4871	156	6943	7682
		12258			2140	79	14477	15300
						21	21	376
						113	113	2837
35869	7616		34186	1368		1882	80921	100604
0	4541		29530	19930		414	54415	73250
26194	2811	3203	10217	1228	75	874	44602	85304
73096	25290	129699	56040	1674	1687	2716	290202	350230
12686	12742	49165	47836	8642		50	131121	196559
42567		1689	57017			141	101414	139026
2615	1960	431	664			13	5683	19007
						28	28	5467
0		4539	2035	819		66	7459	9250
20526	14775	14912	17512	330		381	68436	80082
2209	620						2829	7020
14830						158	14988	18729
						135	135	1923
							0	332
							0	17
						79	79	2019
							0	2317
							0	13538
	10456						10456	11127
							0	18947
							0	0
	9380		1018	5298		448	16144	205958
							0	3350
66263							66263	66454
<b>704034</b>	<b>168544</b>	<b>582389</b>	<b>489038</b>	<b>91185</b>	<b>11400</b>	<b>24476</b>	<b>2071066</b>	<b>3102749</b>

continued...



**TABLE A-5.2**

**MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2008**

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	
1	Catfishes (Wallago attu, pangasius)			4130				<b>4130</b>
2	Hilsa Ilisha (Tenulosa)	224	4146	210	11744	261	19	<b>16604</b>
3	Flat Fish	692	1851	7108		26	0	<b>9677</b>
4	Bregmaceros	184		2065			242	<b>2491</b>
5	Harpodon Neherus	578	1081		13704		150	<b>15513</b>
6	Sea Catfishes	8673	9455		40145	379	719	<b>59371</b>
7	Lizard Fishes	502		1112		13		<b>1627</b>
8	Muraenesox spp. (Eels)	5976	2088	397	400		26	<b>8887</b>
9	Lactarius (Parava)	1233		318		84	327	<b>1962</b>
10	Leiognathus (Silver Bellies)	4550	1665	31769	380	2124	1711	<b>42199</b>
11	Sciaenidae (Croackers)	2919	9713	12628	37385	1886	479	<b>65010</b>
12	Upeneus spp. (Goat Fish)	6543		13184		8		<b>19735</b>
13	Lates Sp. Lutjanus (Perches)	8596	6319	23867	5678	5110	2240	<b>51810</b>
14	Hemirhamphus spp. (Half Beaks)	834		2103	151	215	279	<b>3582</b>
15	Exocoetus (Flying Fish)	712		24186		18	430	<b>25346</b>
16	Sphyræna spp. (Barracudas)	10551		10053		1677	612	<b>22893</b>
17	Mugilidae (Mulletts)	4962	4716	3892	2384	1010	859	<b>17823</b>
18	Polynemidae (Indian Salmon)	8550	1424	2542	605	22	145	<b>13288</b>
19	Caranax spp.. (Kala Bangada)	2183		1866	2621	1095	1454	<b>9219</b>
20	Trachinotus spp..	909		11675				<b>12584</b>
21	Carangidae (Bangada)	2603	3371	8	4869	1716	845	<b>13412</b>
22	Stromatidae (Butter Fish)	1876	8356	2065	9799		711	<b>22807</b>
23	Sardinella Indian Oil Sardine	10901	6774	36932	743		4337	<b>59687</b>
24	Engraulidae (Anchovies)	11141	2987	20452	2567	1643	711	<b>39501</b>
25	Other Clupeids	4420	11509	18545	7880	4327	4337	<b>51018</b>
26	Chirocentrus spp.	467	2500	24462		18	620	<b>28067</b>
27	Wahoo						854	<b>854</b>
28	Spanish Mackerels	5282					154	<b>5436</b>
29	King Mackerel (Indo-Pacific)	3226						<b>3226</b>
30	Struooed Seerfish (Thazard Cirrus)	1171						<b>1171</b>
31	Seer Fish Scomberomorus spp.	8651	1817	8935	79	1215	1922	<b>22619</b>

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

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

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
								4130
1701			1225			839	3765	20369
7559	4528		3817	1767		26	17697	27374
			419				419	2910
154709			63570			311	218590	234103
42919	9075	171	11831	1462		1176	66634	126005
	350		834				1184	2811
5517	3181	170	5433			49	14350	23237
	4584	3585	3840				12009	13971
	4471	5408	4772	1658		73	16382	58581
139311		9643	14530	2775		1286	167545	232555
			11931		47		11978	31713
15367	26967	32214	299	276	227	691	76041	127851
			313			44	357	3939
					134		134	25480
	328	2156			19	43	2546	25439
6200	0	1637	208	122		80	8247	26070
1064	0	70	1218	21		253	2626	15914
		27575	11097	2645		163	41480	50699
						31	31	12615
8315	2117	22204		1638		246	34520	47932
	6347	9406	6190	669		151	22763	45570
	41728	156514	24236	32376		2	254856	314543
9550	1809	33143	20687	57		866	66112	105613
16980	3135	16099	1141	1295		1660	40310	91328
6258		264	2376	348		157	9403	37470
				566			566	1420
						76	76	5512
		45459					45459	48685
							7607	8778
11071	4199	2560		3773		772	22375	44994

continued...





**TABLE A-5.2**

**MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2008**

(In tonnes)

REGION NO. 57- INDIAN OCEAN EAST								
Sl. No.	Species	Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	Total
32	Auxis Thazard Firgate & Bullet Tuna	1386					1470	2856
33	Euthynnus Affinis (Kawa Kawa)	284	711			84	28	1107
34	Katsuwonus Pelamis (Skipjack Tuna)	1331				2	20	1353
35	Thunnus Tonggol (Long Tail Tuna)	4235		4845		0		9080
36	Istiophoridae (Martin Sailfish)	304		2422		4		2730
37	Scombridae (Tuna Like Fishes)	3557	1518	2422		2366		9863
38	Trichiuridae (Hair Tails)	6352	1016	11556	5273	0	527	24724
39	Rastelliger Ranagueta Indian Macker	8270		16480	2428	0	2282	29460
40	Elasmobranchs (Shark, Rays, Skates)	13808	4194	11556	4133	3489	1246	38426
41	Other Marine Fishes	32826	21477		8411	0	1474	64188
42	Decapods (a) Penaeid Prawn	30813	29207	17950	9600	426	1559	89555
43	(b) Non-Penaeid Prawn	9587	14105	5162	6400	178	357	35789
44	(c) Other Crust Crab	6132		0	0	0		6132
45	Natanian Decapods	18		0	0	0		18
46	Marine Crust Crab	833	1822	26865	0	563		30083
47	Cephalopods (a) Squid & Cuttle Fish	3575	2110	6116	0	12		11813
48	(b) Other Molluscs	1022	24	0	0		1532	2578
49	Thunnus albacares (Yellowfin tuna)	5298		4845	4	2	1471	11620
50	Thunnus obesus (Bigeye tuna)	5012				71		5083
51	Istiophorus platypterus (Indo-Pacific sailfish)	27						27
52	Xiphias gladius (Swordfish)	1202				19		1221
53	Panaeus monodon (Giant tiger prawn)	3905						3905
54	Panaeus spp (Panaeus shrimps nei)	8668						8668
55	Euphausia superba (Antarctic Krill)	0						0
56	Crustacea (Marine crustaceans)	461		635	73		605	1774
57	Rana spp (Frogs)	0						0
58	Ascidacea (Sea squirts)	4						4
59	Unspecified	29455		754	0	2732	2847	35788
60	Deep Sea Fishing Sector <sup>@</sup>	15779						15779
61	Misc.							0
	<b>Total</b>	<b>313253</b>	<b>155956</b>	<b>376112</b>	<b>177456</b>	<b>32795</b>	<b>39601</b>	<b>1095173</b>

@ The landings from Deepsea Vessels

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

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

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
0	0		4180		99		4279	7135
0			0	455	1420	395	2270	3377
0	1465			70	7119	169	8823	10176
0		12263			590	192	13045	22125
0					102		102	2832
0				0		190	190	10053
26986	2566		29619	2095		1321	62587	87311
0	13120		12667	2597		291	28675	58135
19658	9274	3208	7583	1552	58	843	42176	80602
142565	24525	128527	35999	1552	1912	2870	337950	402138
9299	16542	49353	43299			926	119419	208974
31143	2568	1731	57741	7583		100	100866	136655
2225	2475	427	451			2	5580	11712
0						11	11	29
0		4493	625	1011		66	6195	36278
19301	7791	14879	12186	295		656	55108	66921
552	7364						7916	10494
10366						169	10535	22155
						146	146	5229
							0	27
							0	1221
	1542						1542	5447
							0	8668
							0	0
	5025						5025	6799
							0	0
							0	4
	18671		95	4344		153	23263	59051
							0	15779
							0	0
688616	225747	583159	402019	73002	11727	17495	2001765	3096938



**TABLE A-5.3**

**MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2009**

(In tonnes)

		REGION NO. 57- INDIAN OCEAN EAST						
Sl. No.	Species	Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	Total
1	Catfishes (Wallago attu, pangasius )			4172				<b>4172</b>
2	Hilsa Ilisha (Tenualosa)	230	3256	58	10560	280	7	<b>14391</b>
3	Flat Fish	712	1624	6638		9	795	<b>9778</b>
4	Bregmaceros	190		2042			253	<b>2485</b>
5	Harpodon Neherus	595	1317	0	15009		169	<b>17090</b>
6	Sea Catfishes	8928	9447		28450	385	722	<b>47932</b>
7	Lizard Fishes	517		1163		25	0	<b>1705</b>
8	Muraenesox spp. (Eels)	6152	2213	741	236	0	13	<b>9355</b>
9	Lactarius (Parava)	1768		859		91	805	<b>3523</b>
10	Leiognathus (Silver Bellies)	4684	2214	29765	1506	2200	1802	<b>42171</b>
11	Sciaenidae (Croackers)	3005	11537	13468	24605	1920	525	<b>55060</b>
12	Upeneus spp. (Goat Fish)	6736		15057	225	10	0	<b>22028</b>
13	Lates SP. Lutjanus (Perches)	8849	10199	21003	12853	5340	1782	<b>60026</b>
14	Hemirhamphus spp. (Half Beaks)	858		2447	367	312	307	<b>4291</b>
15	Exocoetus (Flying Fish)	733		3931		0	428	<b>5092</b>
16	Sphyræna spp. (Barracudas)	4519		2286		1430	723	<b>8958</b>
17	Mugilidae (Mulletts)	5108	8044	2888	4782	1100	905	<b>22827</b>
18	Polynemidae (Indian Salmon)	8802	1650	1925	2075	321	202	<b>14975</b>
19	Caranax spp.. (Kala Bangada)	2247		11793	2888	0	1566	<b>18494</b>
20	Trachinotus spp..	936		1003		0	0	<b>1939</b>
21	Carangidae (Bangada)	2680	4973	0	9719	2640	388	<b>20400</b>
22	Stromatidae (Butter Fish)	1931	8177	2086	6835		883	<b>19912</b>
23	Sardinella Indian Oil Sardine	11222	6707	37345	1228		1892	<b>58394</b>
24	Engraulidae (Anchovies)	11469	3626	14039	4619	1684	589	<b>36026</b>
25	Other Clupeids	4550	11298	23185	8066	4585	816	<b>52500</b>
26	Chirocentrus spp.	481	2515	24710		0	242	<b>27948</b>
27	Wahoo	0						<b>0</b>
28	Spanish Mackerels	5437		0				<b>5437</b>
29	King Mackerel (Indo-Pacific)	3320						<b>3320</b>
30	Struooed Seerfish (Thazard Cirrus)	1205						<b>1205</b>
31	Seer Fish Scomberomorus spp.	8906	2751	9025	1125	1021	2050	<b>24878</b>

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

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

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
				2279			2279	6451
1616			1225			375	3216	17607
10184	5932		3817	1532		88	21553	31331
0			419			0	419	2904
112305			63570	51		495	176421	193511
40447	0	169	11831			1001	53448	101380
0	8253		834			14	9101	10806
5345	149	169	2018			24	7705	17060
0	511	3544	2017				6072	9595
0	5632	5336	537	1976		20	13501	55672
161660	722	9522	14530	2207		1014	189655	244715
0			11931		57		11988	34016
21454	27467	31107	299	266	234	588	81415	141441
0			313			28	341	4632
0			0		136	34	170	5262
0	512	2118	0		20	13	2663	11621
5332	0	1636	208	236		77	7489	30316
1438	0	69	1218			176	2901	17876
0		27429	11097	4035		640	43201	61695
0						17	17	1956
10024	358	21410		15169		286	47247	67647
0	6847	9470	6190	1637		151	24295	44207
0	59570	154247	24236	23496		56	261605	319999
10627	2640	32506	20687			782	67242	103268
17576	1978	15546	1141	3		893	37137	89637
6568		264	2376			235	9443	37391
0						0	0	0
0						259	259	5696
0		45335				50	45385	48705
0			7607				7607	8812
11058	6446	2517		2285		327	22633	47511

continued...



**TABLE A-5.3**

**MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2009**

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
32	Auxis Thazard Firgate & Bullet Tuna	1427					1804	3231
33	Euthynnus Affinis (Kawa Kawa)	292	358			26		676
34	Katsuwonus Pelamis (Skipjack Tuna)	1370				0		1370
35	Thunnus Tonggol (Long Tail Tuna)	4359				68		4427
36	Istiophoridae (Marlin Sailfish)	313				2415		2728
37	Scombridae (Tuna Like Fishes)	3662	4399	4894		0		12955
38	Trichiuridae (Hair Tails)	6539	5415	7541	5919		583	25997
39	Rastelliger Ranagueta Indian Macker	8514		11673	9949		2363	32499
40	Elasmobranchs (Shark, Rays, Skates)	14214	4764	16647	4826	1838	1179	43468
41	Other Marine Fishes	25308	14973	37489	10138	0	6193	94101
42	Decapods (a) Penaeid Prawn	14064	11310	30085	8532	488	1777	66256
43	(b) Non-Penaeid Prawn	9869	2755	8063	3832	190	294	25003
44	(c) Other Crust Crab	6312		27076	0			33388
45	Natanian Decapods	18						18
46	Marine Crust Crab	857	2314		400	704		4275
47	Cephalopods (a) Squid & Cuttle Fish	3680	545	6819		14	1503	12561
48	(b) Other Molluscs	1052	24					1076
49	Thunnus albacares (Yellowfin tuna)	5454			27	28	0	5509
50	Thunnus obesus (Bigeye tuna)	5159				0		5159
51	Istiophorus platypterus (Indo-Pacific sailfish)	28						28
52	Xiphias gladius (Swordfish)	1237				50		1287
53	Panaeus monodon (Giant tiger prawn)	4020						4020
54	Panaeus spp (Panaeus shrimps nei)	8923						8923
55	Euphausia superba (Antarctic Krill)	0						0
56	Crustacea (Marine crustaceans)	475	27	722	76		673	1973
57	Rana spp (Frogs)	0						0
58	Ascidiacea (Sea squirts)	4						4
59	Unspecified	30321		401		2891	2846	36459
60	Deep Sea Fishing Sector <sup>@</sup>	16243						16243
61	Misc.			14970				14970
	<b>Total</b>	<b>290484</b>	<b>138432</b>	<b>398009</b>	<b>178847</b>	<b>32065</b>	<b>37079</b>	<b>1074916</b>

@ The landings from Deepsea Vessels

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

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

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
0	0		4180		105	611	4896	8127
0			0		1560	110	1670	2346
0	1283				7663	47	8993	10363
0		12183			540	3	12726	17153
0					110	11	121	2849
0				1044		67	1111	14066
28789	15631		29619	558		44	74641	100638
0	27100		12667			589	40356	72855
16044	1236	3123	7583	1367	51	412	29816	73284
150988	25025	123406	35999	9736	1808	6103	353065	447166
12195	9209	48456	43299			170	113329	179585
33400	0	1714	57741	9795		48	102698	127701
2519	2217	412	451			42	5641	39029
0				71		27	98	116
0		4628	625	1349		88	6690	10965
17090	9090	14538	12186	1595		63	54562	67123
338	8410					0	8748	9824
6141						33	6174	11683
						97	97	5256
							0	28
							0	1287
	919						919	4939
							0	8923
							0	0
	2871						2871	4844
							0	0
							0	4
	18721		95			211	19027	55486
							0	16243
0							0	14970
<b>683138</b>	<b>248729</b>	<b>570854</b>	<b>392546</b>	<b>80687</b>	<b>12284</b>	<b>16419</b>	<b>2004657</b>	<b>3079573</b>



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

(In tonnes)

		REGION NO. 57- INDIAN OCEAN EAST						
Sl. No.	Species	Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	Total
1	Catfishes (Wallago attu, pangasius )	1425		4291				5716
2	Hilsa Ilisha (Tenulosa)	2267	4428	60	54930	301	50	62036
3	Flat Fish	9593	1970	7386	0	8	0	18957
4	Bregmaceros	576		2187	0		325	3088
5	Harpodon Neherus	9939	1767	0	9991		244	21941
6	Sea Catfishes	8759	6927	0	18253	398	724	35061
7	Lizard Fishes	1238		1197	0	9		2444
8	Muraenesox spp. (Eels)	4906	1968	454	199		63	7590
9	Lactarius (Parava)	2424		371	0	118	426	3339
10	Leiognathus (Silver Bellies)	3824	2974	33256	475	3060	1492	45081
11	Sciaenidae (Croackers)	6773	11992	13080	17697	1914	547	52003
12	Upeneus spp. (Goat Fish)	5141	0	13657	299	9	0	19106
13	Lates Sp. Lutjanus (Perches)	7348	7819	24954	10121	5210	2261	57713
14	Hemirhamphus spp. (Half Beaks)	770		2517	367	304	324	4282
15	Exocoetus (Flying Fish)	1987		4044	0	0	444	6475
16	Sphyræna spp. (Barracudas)	1333		2245	0	1616	724	5918
17	Mugilidae (Mulletts)	8622	5252	2971	4980	1084	1854	24763
18	Polynemidae (Indian Salmon)	5413		1981	1448	311	275	9428
19	Caranax spp.. (Kala Bangada)	237		12131	2006	0	1500	15874
20	Trachinotus spp..	1029		985	0	0	0	2014
21	Carangidae (Bangada)	6946	5179	0	7115	3235	521	22996
22	Stromatidae (Butter Fish)	2066	8003	2048	5964	0		18081
23	Sardinella Indian Oil Sardine	10902	7769	36666	1237	0	3570	60144
24	Engraulidae (Anchovies)	9815	5567	13784	5297	2323	612	37398
25	Other Clupeids	6478	15663	22763	6080	3913	829	55726
26	Chirocentrus spp.	2826	1578	24260	0	0	280	28944
27	Wahoo	2306			0			2306
28	Spanish Mackerels	6111			0			6111
29	King Mackerel (Indo-Pacific)	893		0	0			893
30	Struooed Seerfish (Thazard Cirrus)	4365		0	0			4365
31	Seer Fish Scomberomorus spp.	9289	3294	8861	263	816	1877	24400

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

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

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
				1402			1402	7118
9919	1053		1256			652	12880	74916
6355	11064		4220	1606		88	23333	42290
0			267				267	3355
72703			60931	1		335	133970	155911
32394	1656	167	13493			1135	48845	83906
0	9587		1562			6	11155	13599
3048	4349	168	1431			80	9076	16666
0	1611	3447	3274				8332	11671
0	4305	5266	1168	1584		56	12379	57460
149023	7341	8811	16712	1376		1520	184783	236786
0			11119		69		11188	30294
16062	53	30483	386	1303	275	954	49516	107229
0	97		462			17	576	4858
0	43				153	13	209	6684
0	2927	2085			22	11	5045	10963
4961	582	1626	363	158		85	7775	32538
5439	0	68	896	9		188	6600	16028
0	18352	27185	10454	3592		544	60127	76001
0						52	52	2066
8822	3903	20765		23831		254	57575	80571
0	0	9448	10689	1116		169	21422	39503
0	67910	151971	19075	23732		73	262761	322905
13187	2997	31972	16463	2		1292	65913	103311
13074	2273	15314	600	19		1129	32409	88135
5812		244	2656			240	8952	37896
0				185	105		290	2596
0						125	125	6236
0	1113	45017				151	46281	47174
0			7628			342	7970	12335
12295	2306	2539		1229			18369	42769

continued...





**TABLE A-5.4**

**MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2010**

(In tonnes)

REGION NO. 57- INDIAN OCEAN EAST								
Sl. No.	Species	Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Pudu-cherry	Total
32	Auxis Thazard Firgate & Bullet Tuna	3955					1622	5577
33	Euthynnus Affinis (Kawa Kawa)	2724	441			0		3165
34	Katsuwonus Pelamis (Skipjack Tuna)	1031				35		1066
35	Thunnus Tonggol (Long Tail Tuna)	758				0		758
36	Istiophoridae (Martin Sailfish)	776				63		839
37	Scombridae (Tuna Like Fishes)	1102	2042	4805		2560		10509
38	Trichiuridae (Hair Tails)	5898	6847	2442	4865	0	2019	22071
39	Rastelliger Ranagueta Indian Macker	15029		11851	9279	0	1017	37176
40	Elasmobranchs (Shark, Rays, Skates)	14786	4451	16900	7484	2626	4883	51130
41	Other Marine Fishes	17731	15620	38060	12083	0	1970	85464
42	Decapods (a) Penaeid Prawn	14330	10312	30543	10156	468	658	66467
43	(b) Non-Penaeid Prawn	12340	4051	8185	3575	174		28325
44	(c) Other Crust Crab	4145		27489	0	0		31634
45	Natanian Decapods	53		0	0	0		53
46	Marine Crust Crab	6806	3009		299	710		10824
47	Cephalopods (a) Squid & Cuttle Fish	4668	1173	6923	0	17		12781
48	(b) Other Molluscs	1726	75	0	0	0	1193	2994
49	Thunnus albacares (Yellowfin tuna)	1778			158	23		1959
50	Thunnus obesus (Bigeye tuna)	1004				0		1004
51	Istiophorus platypterus (Indo-Pacific sailfish)	1697						1697
52	Xiphias gladius (Swordfish)	3038				56		3094
53	Panaeus monodon (Giant tiger prawn)	5677						5677
54	Panaeus spp (Panaeus shrimps nei)	4660						4660
55	Euphausia superba (Antarctic Krill)	3191						3191
56	Crustacea (Marine crustaceans)	1489	5	733			1117	3344
57	Rana spp (Frogs)	0						0
58	Ascidiacea (Sea squirts)	7						7
59	Unspecified	5859		407	0	2379	2897	11542
60	Deep Sea Fishing Sector <sup>®</sup>	296						296
61	Misc.			20125				20125
	<b>Total</b>	<b>282155</b>	<b>140176</b>	<b>404612</b>	<b>194621</b>	<b>33740</b>	<b>36318</b>	<b>1091622</b>

@ The landings from Deepsea Vessels

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

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

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
0	484				105	529	1118	6695
0					160	168	328	3493
0	0				8475	22	8497	9563
0	65	12072				63	12200	12958
0	46					3	49	888
0			4824	2542		25	7391	17900
54270	0		24396	839		78	79583	101654
0	32333		44164			683	77180	114356
15951	2105	3003	6588	3197	54	485	31383	82513
157637	9224	120601	34347	6630	1454	4086	333979	419443
17286	16074	47678	34455			243	115736	182203
35807	1111	1693	67798	9970		111	116490	144815
2829	3852	402	450			32	7565	39199
0				53		9	62	115
0		4528	1461	763		139	6891	17715
34715	29570	14269	16315	1941	50	355	97215	109996
813	0						813	3807
4886					1082	41	6009	7968
	389					35	424	1428
	100				86		186	1883
							0	3094
	0						0	5677
							0	4660
							0	3191
	0						0	3344
							0	0
							0	7
	101695		4311			192	106198	117740
							0	296
							0	20125
<b>677288</b>	<b>340570</b>	<b>560822</b>	<b>424214</b>	<b>87080</b>	<b>12090</b>	<b>16810</b>	<b>2118874</b>	<b>3210496</b>



**TABLE A-5.5 MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2011**

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
1	Catfishes (Wallago attu, pangasius)							0
2	Hilsa Ilisha (Tenulosa)	3109	2978	12	16523	301	24	22947
3	Flat Fish	3290	1527	8620	0	28	1176	14641
4	Bregmaceros	2000		2219	0		377	4596
5	Harpodon Neherus	3350	1570		11390		311	16621
6	Sea Catfishes	6423	6878	4438	21072	198	793	39802
7	Lizard Fishes	838		1195	0	9		2042
8	Muraenesox spp. (Eels)	5503	1268	25	207		73	7076
9	Lactarius (Parava)	2875		201	0	518	416	4010
10	Leiognathus (Silver Bellies)	4338	2652	34053	490	3060	1564	46157
11	Sciaenidae (Croackers)	10313	10271	13570	27236	1014	642	63046
12	Upeneus spp. (Goat Fish)	3555	0	15172	284	11	0	19022
13	Lates Sp. Lutjanus (Perches)	7426	4763	27656	10627	4010	1642	56124
14	Hemirhamphus spp. (Half Beaks)	1850		2603	330	242	306	5331
15	Exocoetus (Flying Fish)	251		4182	0	0	468	4901
16	Sphyræna spp. (Barracudas)	1339		3394	0	2616	770	8119
17	Mugilidae (Mulletts)	16401	5778	2731	5577	1764	1075	33326
18	Polynemidae (Indian Salmon)	2899		2006	1303	311	360	6879
19	Caranax spp.. (Kala Bangada)	3109		14555	2226	0	1550	21440
20	Trachinotus spp..	927		5590	0	0	0	6517
21	Carangidae (Bangada)	1882	4421	0	8100	3215	707	18325
22	Stromatidae (Butter Fish)	4104	7136	2219	6800	0		20259
23	Sardinella Indian Oil Sardine	10077	7169	34139	6380	0	1869	59634
24	Engraulidae (Anchovies)	11700	3432	17514	6500	2402	671	42219
25	Other Clupeids	9870	11485	24793	5470	3458	909	55985
26	Chirocentrus spp.	1114	1983	8833	0	0	378	12308
27	Wahoo	318		0	0			318
28	Spanish Mackerels	7184		0	0			7184
29	King Mackerel (Indo-Pacific)	2972		0	0			2972
30	Struooed Seerfish (Thazard Cirrus)	2332		0	0			2332
31	Seer Fish Scomberomorus spp.	7376	3282	11611	240	867	2080	25456

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

**TABLE A-5.5****MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2011**

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
							0	0
3568	13566		1649	3995		524	23302	46249
0			7437			132	7569	22210
68080	100		547				68727	73323
26911	2425	181	51190	1545		515	82767	99388
0	4494		14323			1423	20240	60042
3786	603	167	1494			14	6064	8106
0		3416	1018			39	4473	11549
0	3528	5208	2261	1012			12009	16019
165551	4367	8721	808	1448		59	180954	227111
0			17247	572		3015	20834	83880
18613	971	29960	9411		70		59025	78047
0	172		476		275	1311	2234	58358
0	77		432			24	533	5864
0	2220	2056	0	2820	15	4	7115	12016
5433	570	1620	0	88	222	11	7944	16063
3165	45	67	273			129	3679	37005
0	20808	26914	1719			369	49810	56689
0			7209			400	7609	29049
10890	6847	20379	0	655		257	39028	45545
0	851	9411	0	978		1058	12298	30623
0	98436	152071	9919	23120		1072	284618	304877
10941	5492	32034	48363			89	96919	156553
10958	5766	14976	20589	4070		2641	59000	101219
6962	400	247	1154	62		421	9246	65231
0			2809	376		253	3438	15746
0			0		106	0	106	424
0	89	44510	0			521	45120	52304
0			0			237	237	3209
11409	5120	2510	8690	1844		0	29573	31905
0	1213					166	1379	26835

continued...



**TABLE A-5.5 MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2011**

(In tonnes)

REGION NO. 57- INDIAN OCEAN EAST								
Sl. No.	Species	Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	Total
32	Auxis Thazard Firgate & Bullet Tuna	4553					1838	6391
33	Euthynnus Affinis (Kawa Kawa)	3162	1134			0		4296
34	Katsuwonus Pelamis (Skipjack Tuna)	2870				74		2944
35	Thunnus Tonggol (Long Tail Tuna)	3692				0		3692
36	Istiophoridae (Marlin Sailfish)	2135				364		2499
37	Scombridae (Tuna Like Fishes)	1628	1498	7215		1947		12288
38	Trichiuridae (Hair Tails)	9027	5536	8601	4570	0		27734
39	Rastelliger Ranagueta Indian Macker	14750		12418	10412	0	2423	40003
40	Elasmobranchs (Shark, Rays, Skates)	16820	4359	9089	8382	3615	1047	43312
41	Other Marine Fishes	24298	14966	27724	13795	0	0	80783
42	Decapods (a) Penaeid Prawn	16701	8437	32090	8448	490	2268	68434
43	(b) Non-Penaeid Prawn	9649	2210	8577	3396	184	747	24763
44	(c) Other Crust Crab	7801		0	0	0		7801
45	Natanian Decapods	20		0	0	0		20
46	Marine Crust Crab	475	2027	28890	263	723		32378
47	Cephalopods (a) Squid & Cuttle Fish	4613	1613	6572	20	17		12835
48	(b) Other Molluscs	1329	16	0	0	0	1297	2642
49	Thunnus albacares (Yellowfin tuna)	1603			160	96		1859
50	Thunnus obesus (Bigeye tuna)	1109				0		1109
51	Istiophorus platypterus (Indo-Pacific sailfish)	34						34
52	Xiphias gladius (Swordfish)	9				156		165
53	Panaeus monodon (Giant tiger prawn)	8068						8068
54	Panaeus spp (Panaeus shrimps nei)	20589						20589
55	Euphausia superba (Antarctic Krill)	0						0
56	Crustacea (Marine crustaceans)	0		683			1331	2014
57	Rana spp (Frogs)	18						18
58	Ascidacea (Sea squirts)	9						9
59	Unspecified	20353		256	0	2990	10949	34548
60	Deep Sea Fishing Sector <sup>@</sup>	1372						1372
61	Misc.	0		43289				43289
	<b>Total</b>	<b>315412</b>	<b>118389</b>	<b>426735</b>	<b>180201</b>	<b>34680</b>	<b>40061</b>	<b>1115478</b>

@ The landings from Deepsea Vessels

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

**TABLE A-5.5****MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2011**

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
0			3966		258	307	4531	10922
0	96				1244	213	1553	5849
0		11920			4020	50	15990	18934
0	105					112	217	3909
0	0			3801		22	3823	6322
60650	13721		0	49		44	74464	86752
0	30273		24073	22128		4169	80643	108377
11454	2828	2909	31118	732		357	49398	89401
142603	7823	116676	8718		546	495	276861	320173
9881	18127	47007	34009		759	0	109783	190566
29946	2557	1679	37515	8008		469	80174	148608
7167	2820	394	62785			142	73308	98071
0			288			15	303	8104
0	1139	4514		1236		14	6903	6923
32493	16192	14054	1956	1012		190	65897	98275
663			11223	49		520	12455	25290
6109						0	6109	8751
	14				5630	41	5685	7544
	28					87	115	1224
							0	34
	2						2	167
	32						32	8100
							0	20589
	18191						18191	18191
							0	2014
							0	18
	55271			6605			61876	61885
			9015				9015	43563
							0	1372
							0	43289
<b>647233</b>	<b>347379</b>	<b>553601</b>	<b>433684</b>	<b>86205</b>	<b>13145</b>	<b>21931</b>	<b>2103178</b>	<b>3218656</b>



**TABLE A-5.6**

**MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2012**

(In tonnes)

Sl. No.	Species	REGION NO. 57- INDIAN OCEAN EAST						Total
		Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	
1	Catfishes (Wallago attu, pangasius)							0
2	Hilsa Ilisha (Tenulosa)	2758	2556		8510	314	33	14171
3	Flat Fish	3498	1535		0	39	1027	6099
4	Bregmaceros	233		2234	0	0	362	2829
5	Harpodon Neherus	1547	1345	0	9505	0	310	12707
6	Sea Catfishes	13782	5156	4468	16745	203	780	41134
7	Lizard Fishes	3414		1202	0	11	483	5110
8	Muraenesox spp. (Eels)	3441	1540	0	109	0	177	5267
9	Lactarius (Parava)	826		202	0	524	461	2013
10	Leiognathus (Silver Bellies)	5717	2634	34285	93	3190	1261	47180
11	Sciaenidae (Croackers)	15252	7981	13663	17876	1014	551	56337
12	Upeneus spp. (Goat Fish)	4553	0	15275	133	13	915	20889
13	Lates Sp. Lutjanus (Perches)	12496	5142	27844	10248	4092	1424	61246
14	Hemirhamphus spp. (Half Beaks)	1235		2621	110	244	309	4519
15	Exocoetus (Flying Fish)	187		4210	0	0	489	4886
16	Sphyræna spp. (Barracudas)	1027		3417	0	2916	678	8038
17	Mugilidae (Mulletts)	13538	4337	2750	9435	1964	905	32929
18	Polynemidae (Indian Salmon)	4843		2019	321	311	412	7906
19	Caranax spp.. (Kala Bangada)	1126		14654	1514	0	1449	18743
20	Trachinotus spp..	699		1031	0	0	0	1730
21	Carangidae (Bangada)	3225	4673	0	6157	3618	441	18114
22	Stromatidae (Butter Fish)	17968	5689	2234	9924	0		35815
23	Sardinella Indian Oil Sardine	22227	5816	50181	3139	0	1561	82924
24	Engraulidae (Anchovies)	14327	2703	17633	8593	2950	580	46786
25	Other Clupeids	17269	10182	24962	7689	3461	797	64360
26	Chirocentrus spp.	955	1674	18242	0	0	380	21251
27	Wahoo	18		0	0			18
28	Spanish Mackerels	5433			0			5433
29	King Mackerel (Indo-Pacific)	2699		12502	0			15201
30	Struooed Seerfish (Thazard Cirrus)	78		0	0			78
31	Seer Fish Scomberomorus spp.	9600	3571	11690	853	870	1695	28279

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

**TABLE A-5.6****MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2012**

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
							0	0
1714			1432			513	3659	17830
11508	8419		6690	3683		129	30429	36528
0			973				973	3802
99172			75437			505	175114	187821
24971	3181	179	14957	364		1394	45046	86180
0	8239		1212			14	9465	14575
4843	673	166	2831			38	8551	13818
0	1265	3381	2729			0	7375	9388
0	6819	5144	941	1146		58	14108	61288
186998	2807	8620	18138	1629		2955	221147	277484
0			14362	1764	80	0	16206	37095
13649	8710	29376	283		290	1285	53593	114839
0	1139		465			23	1627	6146
0	136				171	4	311	5197
0	2452	2025		160	25	10	4672	12710
5799	2941	1614	320	226		127	11027	43956
2242	43351	66	1743			362	47764	55670
0	17417	26614	5336			392	49759	68502
0						251	251	1981
7153	9492	19852		237		1037	37771	55885
0	785	9381	12559	656		1051	24432	60247
0	93107	149659	46197	32315		87	321365	404289
11230	2508	32333	18836	50		2589	67546	114332
11324	6535	14491	2115	2925		413	37803	102163
5021	485	246	2814	98		248	8912	30163
0				174	111	0	285	303
0	2573					511	3084	8517
0		44237				232	44469	59670
0			6315			0	6315	6393
9634	305	2477	2072	1616		163	16267	44546

continued...





**TABLE A-5.6**

**MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2012**

(In tonnes)

REGION NO. 57- INDIAN OCEAN EAST								
Sl. No.	Species	Andhra Pradesh	Odisha	Tamil Nadu	West Bengal	A & N Islands	Puducherry	Total
32	Auxis Thazard Firgate & Bullet Tuna	12705					1744	14449
33	Euthynnus Affinis (Kawa Kawa)	2069	692			0		2761
34	Katsuwonus Pelamis (Skipjack Tuna)	2003				60		2063
35	Thunnus Tonggol (Long Tail Tuna)	1122				0		1122
36	Istiophoridae (Martin Sailfish)	232				399		631
37	Scombridae (Tuna Like Fishes)	2324	1514	7264		2264		13366
38	Trichiuridae (Hair Tails)	12253	4296	8571	1315	0		26435
39	Rastelliger Ranagueta Indian Macker	29407		0	8094	0	2085	39586
40	Elasmobranchs (Shark, Rays, Skates)	21452	3460	17830	6724	3298	888	53652
41	Other Marine Fishes	52136	14277	23913	10500	0		100826
42	Decapods (a) Penaeid Prawn	25903	8554	32309	7328	526	2080	76700
43	(b) Non-Penaeid Prawn	27161	4152	8636	2562	187	610	43308
44	(c) Other Crust Crab	1879			0	0		1879
45	Natanian Decapods	1027		0	0	0		1027
46	Marine Crust Crab	184	1859	29087	163	741		32034
47	Cephalopods (a) Squid & Cuttle Fish	2680	1057	10616	18	17		14388
48	(b) Other Molluscs	155	77	0	0	0	1196	1428
49	Thunnus albacares (Yellowfin tuna)	12611			96	81		12788
50	Thunnus obesus (Bigeye tuna)	10087				2		10089
51	Istiophorus platypterus (Indo-Pacific sailfish)	33						33
52	Xiphias gladius (Swordfish)	9				175		184
53	Panaeus monodon (Giant tiger prawn)	1278						1278
54	Panaeus spp (Panaeus shrimps nei)	840						840
55	Euphausia superba (Antarctic Krill)	539						539
56	Crustacea (Marine crustaceans)	3165	1	687			1586	5439
57	Rana spp (Frogs)	0						0
58	Ascidacea (Sea squirts)	6						6
59	Unspecified	14917		258	0	2974	848	18997
60	Deep Sea Fishing Sector <sup>®</sup>	1616						1616
61	Misc.			23151				23151
	<b>Total</b>	<b>423764</b>	<b>106473</b>	<b>429641</b>	<b>147754</b>	<b>36458</b>	<b>28517</b>	<b>1172607</b>

@ The landings from Deepsea Vessels

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

**TABLE A-5.6****MARINE FISH LANDINGS BY SPECIES  
COASTAL STATES AND UNION TERRITORIES, 2012**

(In tonnes)

REGION NO. 51 - INDIAN OCEAN WEST								
Gujarat	Karnataka	Kerala	Mahara- shtra	Goa	Laksha- dweep	Daman & Diu	Total	Total for INDIA
0			3189		102	301	3592	18041
0	378				312	208	898	3659
0					5100	49	5149	7212
0		11950				109	12059	13181
0	381					21	402	1033
0	257			2621		44	2922	16288
39061	10893		27779	644		4086	82463	108898
0	17089		13034	17860		350	48333	87919
8770	1454	2887	7572	278	659	485	22105	75757
164593	9848	111328	33624		828	0	320221	421047
8789	4144	45089	42046			460	100528	177228
40867	10474	1664	58493	8968		139	120605	163913
4717	1901	385	591			15	7609	9488
0				12		14	26	1053
0		4466	3110	1160		186	8922	40956
26685	24388	13814	15880	1180		509	82456	96844
797	355			6		0	1158	2586
3639					5578	40	9257	22045
	1160					85	1245	11334
							0	33
							0	184
	0						0	1278
	0						0	840
	26523						26523	27062
	494						494	5933
							0	0
							0	6
	22556		16507	6856			45919	64916
							0	1616
							0	23151
<b>693176</b>	<b>355634</b>	<b>541444</b>	<b>460582</b>	<b>86628</b>	<b>13256</b>	<b>21492</b>	<b>2172212</b>	<b>3344819</b>



**TABLE A-6.1**

**INLAND FISH LANDINGS BY SPECIES  
BY STATES/ UNION TERRITORIES, 2007**

(In tonnes)

Sl. No.	States/UTs	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)	Murrels (Ophiocep -hauls spp.)	Catfishes (Wallago attu, Pangasius, bagarius)	Other fresh water fishes	Others	Total
1	Andhra Pradesh	446328	130207	76087	11861	12860	19922	104917	802182
2	Arunachal Pradesh	1000	610	985	0	235	0	0	2830
3	Assam	76785	29390	23360	10080	17620	44397	650	202282
4	Bihar	134719	60487	5498	19246	2750	52240	0	274940
5	Chhattisgarh	104529	13938	20906	0	0	0	0	139373
6	Goa	0	0	0	0	111	0	1889	2000
7	Gujarat	27442	0	0	2235	6222	1068	32667	69634
8	Haryana	31575	11694	9941	1286	3976	0	0	58472
9	Himachal Pradesh	7269	0	0	0	0	0	67	7336
10	Jammu & Kashmir	3041	121	11593	0	0	4495	0	19250
11	Jharkhand	59460	2100	6040	75	90	125	0	67890
12	Karnataka	63401	13733	42267	1825	3650	9126	0	134002
13	Kerala	19595	0	7012	4383	5036	0	16493	52519
14	Madhya Pradesh	49013	3264	9086	287	1949	294	0	63893
15	Maharashtra	85995	6825	14038	7903	0	20467	1404	136632
16	Manipur	3075	1280	14250	0	0	45	0	18650
17	Meghalaya	1521	375	1027	95	99	841	23	3981
18	Mizoram	2815	0	0	0	0	0	0	2815
19	Nagaland	2494	120	2837	24	95	230	0	5800
20	Odisha	143732	8682	21395	4382	11482	14292	21374	225339
21	Punjab	26598	18081	11602	14676	1289	6488	0	78734
22	Rajasthan	9699	4110	1916	400	3500	2875	0	22500
23	Sikkim	0	0	60	0	0	85	0	145
24	Tamil Nadu	21263	94	32947	177	31920	15085	120324	221810
25	Tripura	21340	3284	4924	0	1314	1968	0	32830
26	Uttarakhand	3091	0	0	0	0	0	0	3091
27	Uttar Pradesh	333798	0	0	0	0	0	0	333798
28	West Bengal	780879	50453	166285	18420	21360	73488	70120	1181005
29	A and N Islands	55	0	1	12	23	33	0	124
30	Chandigarh	84	0	38	0	0	0	0	122
31	Dadra and Nagar Haveli	108	0	0	0	0	0	0	108
32	Daman and Diu	0	0	0	0	0	0	79	79
33	Delhi	725	0	0	0	0	0	0	725
34	Lakshadweep	0	0	0	0	0	0	0	0
35	Puducherry	940	343	790	194	219	2289	894	5669
	<b>Total</b>	<b>2462369</b>	<b>359191</b>	<b>484885</b>	<b>97561</b>	<b>125800</b>	<b>269853</b>	<b>370901</b>	<b>4170560</b>

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



TABLE A-6.2

INLAND FISH LANDINGS BY SPECIES  
BY STATES/ UNION TERRITORIES, 2008

(In tonnes)

Sl. No.	States/UTs	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)	Murrels (Ophiocep -hauls spp.)	Catfishes (Wallago attu, Pangasius, bagarius)	Other fresh water fishes	Others	Total
1	Andhra Pradesh	53552	56131	62764	32648	87729	45831	88418	427073
2	Arunachal Pradesh	840	630	960	0	320	0	0	2750
3	Assam	52600	6650	2410	0	0	4120	0	65780
4	Bihar	141296	63440	5767	20185	2884	54788	0	288360
5	Chhattisgarh	111509	14867	22303	0	0	0	0	148679
6	Goa	120	0	0	0	115	0	2963	3198
7	Gujarat	36156	178	0	4656	12221	15565	22369	91145
8	Haryana	38229	13639	12075	1717	4166	0	0	69826
9	Himachal Pradesh	2268	0	0	0	0	0	44	2312
10	Jammu & Kashmir	3041	121	11593	0	0	4495	0	19250
11	Jharkhand	64448	2420	6470	70	95	200	0	73703
12	Karnataka	15280	3650	50186	1825	3650	9126	0	83717
13	Kerala	20005	0	0	4475	5143	55691	26932	112246
14	Madhya Pradesh	44711	1157	8541	140	1449	157	0	56155
15	Maharashtra	81778	13349	11405	7517	0	15033	518	129600
16	Manipur	2973	1380	14250	0	0	47	0	18650
17	Meghalaya	1521	375	1077	95	99	791	23	3981
18	Mizoram	3135	0	0	0	0	0	0	3135
19	Nagaland	2686	52	3020	16	74	127	0	5975
20	Odisha	145200	13799	21495	3720	8570	7422	25556	225762
21	Punjab	44072	2508	30545	0	6376	2706	0	86207
22	Rajasthan	9699	4110	1916	400	3500	2875	0	22500
23	Sikkim	0	0	60	0	0	90	0	150
24	Tamil Nadu	139	630	243	0	0	0	165444	166456
25	Tripura	18495	3699	9248	370	2219	2941	18	36990
26	Uttarakhand	0	0	0	0	0	0	3091	3091
27	Uttar Pradesh	349274	0	0	0	0	0	0	349274
28	West Bengal	866455	51788	172543	22000	35637	69831	76456	1294710
29	A and N Islands	77	0	2029	17	30	42	0	2195
30	Chandigarh	30	16	0	0	9	6	0	61
31	Dadra and Nagar Haveli	108	0	0	0	0	0	0	108
32	Daman and Diu	0	0	0	0	0	0	64	64
33	Delhi	710	0	0	0	0	0	0	710
34	Lakshadweep	0	0	0	0	0	0	0	0
35	Puducherry	1639	548	458	186	217	389	2313	5750
	<b>Total</b>	<b>2112046</b>	<b>255137</b>	<b>451358</b>	<b>100037</b>	<b>174503</b>	<b>292273</b>	<b>414209</b>	<b>3799563</b>

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



**TABLE A-6.3**

**INLAND FISH LANDINGS BY SPECIES  
BY STATES/ UNION TERRITORIES, 2009**

(In tonnes)

Sl. No.	States/UTs	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)	Murrels (Ophiocep -hauls spp.)	Catfishes (Wallago attu, Pangasius, bagarius)	Other fresh water fishes	Others	Total
1	Andhra Pradesh	520405	54542	60989	31724	85248	44534	110855	908297
2	Arunachal Pradesh	800	600	960	0	200	0	0	2560
3	Assam	78132	29311	24400	9850	17220	45055	358	204326
4	Bihar	147381	66143	6013	21045	3007	57124	0	300713
5	Chhattisgarh	132184	17624	26437	0	0	0	0	176245
6	Goa	132	0	40	0	144	0	3139	3455
7	Gujarat	30711	116	0	3606	5845	24392	19826	84496
8	Haryana	41865	14407	12836	1930	4281	0	0	75319
9	Himachal Pradesh	7782	0	0	0	0	0	65	7847
10	Jammu & Kashmir	999	122	11617	0	0	6562	0	19300
11	Jharkhand	62710	2215	6165	65	95	180	0	71430
12	Karnataka	84638	3652	56426	1826	3652	9130	0	159324
13	Kerala	20367	0	4547	5226	0	62902	17403	110445
14	Madhya Pradesh	46991	5058	8476	401	2222	423	0	63571
15	Maharashtra	81778	13349	11405	7517	0	15033	518	129600
16	Manipur	6171	915	11600	0	0	130	0	18816
17	Meghalaya	1470	432	1231	72	100	552	25	3882
18	Mizoram	3231	0	0	0	0	0	0	3231
19	Nagaland	2823	53	3069	17	77	136	0	6175
20	Odisha	166178	13376	24725	4501	7506	7267	25135	248688
21	Punjab	48482	2697	33644	0	6860	2914	0	94597
22	Rajasthan	11350	5355	2408	615	3830	3350	0	26908
23	Sikkim	0	0	40	0	0	120	0	160
24	Tamil Nadu	140	151240	421	0	0	632	17358	169791
25	Tripura	21134	4227	10567	422	2536	3381	17	42284
26	Uttarakhand	3488	0	0	0	0	0	0	3488
27	Uttar Pradesh	392926	0	0	0	0	0	0	392926
28	West Bengal	900197	53039	179400	23000	36706	61343	72311	1325996
29	A and N Islands	84	0	9	10	34	36	0	173
30	Chandigarh	32	15	25	0	13	8	0	93
31	Dadra and Nagar Haveli	108	0	0	0	0	0	0	108
32	Daman and Diu	0	0	0	0	0	0	57	57
33	Delhi	715	0	0	0	0	0	0	715
34	Lakshadweep	0	0	0	0	0	0	0	0
35	Puducherry	1707	350	513	263	267	2103	244	5447
	<b>Total</b>	<b>2817111</b>	<b>438838</b>	<b>497963</b>	<b>112090</b>	<b>179843</b>	<b>347307</b>	<b>267311</b>	<b>4660463</b>

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



TABLE A-6.4

**INLAND FISH LANDINGS BY SPECIES  
BY STATES/ UNION TERRITORIES, 2010**

(In tonnes)

Sl. No.	States/UTs	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)	Murrels (Ophiocep -hauls spp.)	Catfishes (Wallago attu, Pangasius, bagarius)	Other fresh water fishes	Others	Total
1	Andhra Pradesh	859986	20216	38652	41083	113998	132994	68169	1275098
2	Arunachal Pradesh	1070	660	1020	0	250	0	0	3000
3	Assam	87387	34470	27576	11490	18384	50098	395	229800
4	Bihar	145726	65428	5948	20818	2974	56506	0	297400
5	Chhattisgarh	151233	20165	30247	0	0	0	0	201645
6	Goa	2942	0	378	0	167	0	3144	6631
7	Gujarat	29300	120	0	3318	10668	25440	13778	82624
8	Haryana	54322	19132	16580	2441	5285	0	0	97760
9	Himachal Pradesh	7304	0	0	0	0	0	76	7380
10	Jammu & Kashmir	1028	135	11758	0	0	6779	0	19700
11	Jharkhand	66540	2200	6905	70	105	170	0	75990
12	Karnataka	100649	3600	67099	1878	3752	9030	0	186008
13	Kerala	28063	0	4621	5299	0	67703	17763	123449
14	Madhya Pradesh	47176	4928	8528	393	2203	414	0	63642
15	Maharashtra	85517	13419	11465	7556	0	11676	651	130284
16	Manipur	6353	869	12476	377	0	125	0	20200
17	Meghalaya	1521	375	1077	95	99	791	23	3981
18	Mizoram	3260	0	0	0	0	0	0	3260
19	Nagaland	2940	54	3129	17	77	141	0	6358
20	Odisha	158691	5511	18827	1	8598	9937	25283	226848
21	Punjab	49209	2837	34667	0	7347	2977	0	97037
22	Rajasthan	11925	5555	2708	632	3930	3450	0	28200
23	Sikkim	0	0	40	0	0	120	0	160
24	Tamil Nadu	177	151538	529	0	0	0	19062	171306
25	Tripura	25576	2800	13787	10	83	3827	17	46100
26	Uttarakhand	3818	0	0	0	0	0	0	3818
27	Uttar Pradesh	417479	0	0	0	0	0	0	417479
28	West Bengal	847382	47353	153986	22430	34270	56076	84654	1246151
29	A and N Islands	89	0	9	15	39	41	0	193
30	Chandigarh	30	15	25	0	12	8	0	90
31	Dadra and Nagar Haveli	108	0	0	0	0	0	0	108
32	Daman and Diu	0	0	0	0	0	0	820	820
33	Delhi	820	0	0	0	0	0	0	820
34	Lakshadweep	0	0	0	0	0	0	0	0
35	Puducherry	1280	495	509	170	221	513	672	3860
<b>Total</b>		<b>3198901</b>	<b>401875</b>	<b>472546</b>	<b>118093</b>	<b>212462</b>	<b>438816</b>	<b>234507</b>	<b>5077200</b>

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



**TABLE A-6.5**

**INLAND FISH LANDINGS BY SPECIES  
BY STATES/ UNION TERRITORIES, 2011**

(In tonnes)

Sl. No.	States/UTs	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)	Murrels (Ophiocep -hauls spp.)	Catfishes (Wallago attu, Pangasius, bagarius)	Other fresh water fishes	Others	Total
1	Andhra Pradesh	732212	19183	89098	57776	47972	99460	130509	1176210
2	Arunachal Pradesh	1075	775	1225	0	0	275	0	3350
3	Assam	93240	36960	29560	11980	18580	49140	280	239740
4	Bihar	138677	63560	5778	20224	5778	54893	0	288910
5	Chhattisgarh	182153	36431	21587				0	240171
6	Goa	120	0	30	0	0	0	3538	3688
7	Gujarat	36276	7	0	3680	10931	24427	14995	90316
8	Haryana	59496	21635	18390	2705	5949	0	0	108175
9	Himachal Pradesh	7968	0	0	0	0	0	77	8045
10	Jammu & Kashmir	1028	135	11758	0	0	6779	0	19700
11	Jharkhand	64112	2350	6085	55	100	190	0	72892
12	Karnataka	108476	3652	72317	1990	3835	8783	0	199053
13	Kerala	32285	0	4710	5402	65396		21829	129622
14	Madhya Pradesh	52640	1362	10056	165	1706	185	8335	74449
15	Maharashtra	95918	14946	12770	8416	0	12334	726	145110
16	Manipur	7829	942	12715	471	35	227	0	22219
17	Meghalaya	1660	412	1755	87	180	598	75	4767
18	Mizoram	5100	0	0	0	0	0	0	5100
19	Nagaland	3068	54	3224	17	80	142	0	6585
20	Odisha	175408	5649	20925	1	7361	5022	29730	244096
21	Punjab	49909	2000	36324	0	6949	2441	0	97623
22	Rajasthan	14970	3600	2955	822	4230	3573	0	30150
23	Sikkim	0	0	60	0	0	120	0	180
24	Tamil Nadu	4255	18998	5201	7916	3166	128354	16863	184753
25	Tripura	32010	5335	10670	1067	2662	1601	6	53351
26	Uttarakhand	3833	0	0	0	0	0	0	3833
27	Uttar Pradesh	429718	0	0	0	0	0	0	429718
28	West Bengal	661420	39776	129348	19065	28786	77936	96443	1052774
29	A and N Islands	90	0	10	14	36	42	0	192
30	Chandigarh	32	17	25	0	13	9	0	96
31	Dadra and Nagar Haveli	108	0	0	0	0	0	0	108
32	Daman and Diu	0	0	0	0	0	0	0	0
33	Delhi	740	0	0	0	0	0	0	740
34	Lakshadweep	0	0	0	0	0	0	0	0
35	Puducherry	835	594	301	319	464	2003	876	5392
	<b>Total</b>	<b>2996661</b>	<b>278373</b>	<b>506877</b>	<b>142172</b>	<b>214209</b>	<b>478534</b>	<b>324282</b>	<b>4941108</b>

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

**TABLE A-6.6****INLAND FISH LANDINGS BY SPECIES  
BY STATES/ UNION TERRITORIES, 2012**

(In tonnes)

Sl. No.	States/UTs	Major Carps (Catla, Rohu, Mrigal and Calbasu)	Minor Carp	Exotic Carps (Common, Silver and Grass Carp)	Murrels (Ophiocep -hauls spp.)	Catfishes (Wallago attu, Pangasius, bagarius)	Other fresh water fishes	Others	Total
1	Andhra Pradesh	832446	47451	78206	55584	108522	197146	76793	1396148
2	Arunachal Pradesh	1100	825	1250	0	0	300	0	3475
3	Assam	95980	38850	32890	13150	19620	49460	250	250200
4	Bihar	168790	75784	6889	24113	3445	65449	0	344470
5	Chhattisgarh	195361	29072	26049	0	0	0	0	250482
6	Goa	160	0	40	0	268	0	3619	4087
7	Gujarat	42383	262	0	3188	8371	24610	15894	94708
8	Haryana	60617	23261	18756	2596	6050	200	0	111480
9	Himachal Pradesh	8356	0	0	0	0	205	0	8561
10	Jammu & Kashmir	1028	135	11758	0	0	6779	0	19700
11	Jharkhand	94920	3479	9009	90	141	281	0	107920
12	Karnataka	89989	3835	59992	2009	3743	8673	0	168241
13	Kerala	38312	0	4784	5512	64971		22357	135936
14	Madhya Pradesh	62272	7220	11164	565	3039	595	0	84855
15	Maharashtra	90862	14158	12097	7973	0	11684	687	137461
16	Manipur	9030	1290	13650	595	97	330	0	24992
17	Meghalaya	2059	492	1851	136	180	559	112	5389
18	Mizoram	5450	0	0	0	0	0	0	5450
19	Nagaland	3213	55	3330	17	80	145	0	6840
20	Odisha	199903	14408	25115	2914	8344	11661	24270	286615
21	Punjab	51062	1648	35025	0	7747	3649	0	99131
22	Rajasthan	15580	4200	3643	941	4550	3846	0	32760
23	Sikkim	0	0	380	0	0	120	0	500
24	Tamil Nadu	4681	19898	5721	8702	0	132189	17926	189117
25	Tripura	34472	5746	11491	1149	2873	1723	6	57460
26	Uttarakhand	3847						0	3847
27	Uttar Pradesh	449750	0	0	0	0	0	0	449750
28	West Bengal	855340	45689	162254	20426	37095	101524	100948	1323276
29	A and N Islands	92	0	11	13	36	41	0	193
30	Chandigarh	21	6	8	0	8	3	0	46
31	Dadra and Nagar Haveli	108	0	0	0	0	0	0	108
32	Daman and Diu	0	0	0	0	0	0	133	133
33	Delhi	690	0	0	0	0	0	0	690
34	Lakshadweep	0	0	0	0	0	0	0	0
35	Puducherry	920	488	481	408	504	1550	1322	5673
	<b>Total</b>	<b>3418794</b>	<b>338252</b>	<b>535844</b>	<b>150081</b>	<b>279684</b>	<b>622722</b>	<b>264317</b>	<b>5609694</b>

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





**TABLE A-7**

**DISPOSITION OF FISH CATCH - INDIA, 1991-2012**

(In '000 tonnes)

Year	Marketing fresh	Frozen	Curing	Canning	Reduction	Offal for reduction	Miscellaneous	Unspecified	Others	Total
1991	2706.00	265.90	613.80	30.10	333.40	47.70	47.10	0.00	0.00	<b>4044.00</b>
1992	2798.40	284.80	590.20	25.90	355.80	70.60	47.40	0.00	0.00	<b>4173.10</b>
1993	3105.20	309.50	644.50	9.80	372.80	16.30	87.60	0.00	0.00	<b>4545.70</b>
1994	3250.60	310.40	651.90	12.20	397.30	39.30	74.30	0.00	0.00	<b>4736.00</b>
1995	3427.00	320.60	632.50	13.20	358.20	38.70	40.60	0.00	0.00	<b>4830.80</b>
1996	3784.10	392.70	639.20	11.00	313.20	22.60	39.40	0.00	0.00	<b>5202.20</b>
1997	3874.70	421.90	602.30	14.10	345.50	18.00	102.80	0.00	0.00	<b>5379.30</b>
1998	3866.60	390.70	568.50	12.00	303.70	19.50	83.30	0.00	0.00	<b>5244.30</b>
1999	4206.07	284.21	421.60	17.39	296.53	53.50	9.38	70.70	29.67	<b>5389.05</b>
2000	4287.83	276.60	339.91	50.03	317.91	1.32	34.58	69.35	236.31	<b>5613.84</b>
2001	4777.14	264.88	346.00	53.17	308.27	16.16	43.85	72.68	47.90	<b>5930.05</b>
2002	4789.52	332.68	388.69	23.07	265.96	42.86	1.40	16.06	16.74	<b>5876.98</b>
2003	4828.36	307.39	363.60	36.36	277.87	40.81	1.63	12.99	16.74	<b>5885.75</b>
2004	5283.61	385.16	330.50	45.03	269.89	1.78	40.89	16.98	17.38	<b>6391.22</b>
2005	5468.23	390.23	330.27	24.69	284.55	34.88	1.58	17.09	26.04	<b>6577.56</b>
2006	5559.60	396.12	344.76	24.29	295.37	36.24	1.51	14.83	15.03	<b>6687.75</b>
2007	6037.80	424.26	367.50	25.51	334.45	14.65	1.78	16.74	15.91	<b>7238.60</b>
2008	5804.72	378.63	335.44	31.11	313.13	45.20	1.62	17.85	15.59	<b>6943.29</b>
2009	5955.48	435.35	347.71	33.22	291.27	61.69	0.08	19.09	47.26	<b>7191.15</b>
2010	6118.89	733.43	411.86	47.46	283.64	74.30	0.04	137.16	183.38	<b>7990.16</b>
2011	5364.19	761.13	472.59	39.28	298.80	0.20	173.29	63.53	171.94	<b>7344.95</b>
2012	5811.58	948.95	332.67	42.43	301.59	0.06	151.41	71.28	168.59	<b>7828.56</b>

Source : Director of Fisheries State Govts. / UT Administrations

**TABLE A-8****DISPOSITION OF FISH CATCH - INDIA, 1991-2012  
(PERCENTAGE DISTRIBUTION)**

Year	Marketing fresh	Frozen	Curing	Canning	Reduction	Offal for reduction	Miscellaneous	Unspecified	Others	Total
1991	66.91	6.58	15.18	0.74	8.24	1.18	1.16	0.00	0.00	100.00
1992	67.06	6.82	14.14	0.62	8.53	1.69	1.14	0.00	0.00	100.00
1993	68.31	6.81	14.18	0.22	8.20	0.36	1.93	0.00	0.00	100.00
1994	68.64	6.55	13.76	0.26	8.39	0.83	1.57	0.00	0.00	100.00
1995	70.94	6.64	13.09	0.27	7.41	0.80	0.84	0.00	0.00	100.00
1996	72.74	7.55	12.29	0.21	6.02	0.43	0.76	0.00	0.00	100.00
1997	72.03	7.84	11.20	0.26	6.42	0.33	1.91	0.00	0.00	100.00
1998	73.73	7.45	10.84	0.23	5.79	0.37	1.59	0.00	0.00	100.00
1999	78.05	5.27	7.82	0.32	5.50	0.99	0.17	1.31	0.55	100.00
2000	76.38	4.93	6.05	0.89	5.66	0.02	0.62	1.24	4.21	100.00
2001	80.56	4.47	5.83	0.90	5.20	0.27	0.74	1.23	0.81	100.00
2002	81.50	5.66	6.61	0.39	4.53	0.73	0.02	0.27	0.28	100.00
2003	82.03	5.22	6.18	0.62	4.72	0.69	0.03	0.22	0.28	100.00
2004	82.67	6.03	5.17	0.70	4.22	0.03	0.64	0.27	0.27	100.00
2005	83.13	5.93	5.02	0.38	4.33	0.53	0.02	0.26	0.40	100.00
2006	83.13	5.92	5.16	0.36	4.42	0.54	0.02	0.22	0.22	100.00
2007	83.41	5.86	5.08	0.35	4.62	0.20	0.02	0.23	0.22	100.00
2008	83.60	5.45	4.83	0.45	4.51	0.65	0.02	0.26	0.22	100.00
2009	82.82	6.05	4.84	0.46	4.05	0.86	0.00	0.27	0.66	100.00
2010	76.58	9.18	5.15	0.59	3.55	0.93	0.00	1.72	2.30	100.00
2011	73.03	10.36	6.43	0.53	4.07	0.00	2.36	0.86	2.34	100.00
2012	74.24	12.12	4.25	0.54	3.85	0.00	1.93	0.91	2.15	100.00

Source : Director of Fisheries State Govts. / UT Administrations



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

Sl. No.	State/Union Territory	Marketing fresh	Freezing	Curing	Canning	Reduction	Misc. Purposes	Offal for reduction	Unspecified	Others	Total
1	Andhra Pradesh	815403	97942	5717			18155			56	937273
2	Arunachal Pradesh	2550					200				2750
3	Assam	195813								4600	200413
4	Bihar	285549						1600	1211		288360
5	Chhattisgarh	148679									148679
6	Goa	79894		2663	4439		1775				88771
7	Gujarat	240577	170219	138709		222814					772319
8	Haryana	54768							15058		69826
9	Himachal Pradesh	7754	44								7798
10	Jammu & Kashmir	19125	25								19150
11	Jharkhand	73733									73733
12	Karnataka	245358	37307	40104	25807		917		1394	10965	361852
13	Kerala	634553									634553
14	Madhya Pradesh	63336				239					63336
15	Maharashtra	410786		27770							438795
16	Manipur	17585		1065							18650
17	Meghalaya	3945					36				3981
18	Mizoram	338									338
19	Nagaland	5209		689					77		5975
20	Odisha	284755	15863	24490							325108
21	Punjab	86207									86207
22	Rajasthan	22500									22500
23	Sikkim	150									150
24	Tamil Nadu	275719	11119	75452	794	23827	10206				397117
25	Tripura	33293					3698				36991
26	Uttarakhand	3091									3091
27	Uttar Pradesh	349274									349274
28	West Bengal	1371480	40270			66250	6000				1484000
29	A & N Islands	21310	4918	6557							32785
30	Chandigarh										0
31	Dadra & Nagar Haveli	13814							108		108
32	Daman Diu	710						23			16673
33	Delhi	3210	95	6980	65		1377				710
34	Lakshadweep	34255	806	5239							11727
35	Puducherry									1	40301
	<b>INDIA</b>	<b>5804723</b>	<b>378608</b>	<b>335435</b>	<b>31105</b>	<b>313130</b>	<b>45200</b>	<b>1623</b>	<b>17848</b>	<b>15622</b>	<b>6943294</b>

Source : Director of Fisheries State Govts. / UT Administrations



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

Sl. No.	State/Union Territory	Marketing fresh	Freezing	Curing	Canning	Reduction	Misc. Purposes	Offal for reduction	Unspecified	Others	Total
1	Andhra Pradesh	839865	100880	5888			18700			29	965362
2	Arunachal Pradesh	2360					200				2560
3	Assam	199526								4800	204326
4	Bihar	270585								30065	300650
5	Chhattisgarh	176245									176245
6	Goa	72618		2421	4034			1614			80687
7	Gujarat	239118	169187	137867		221462			17317		767634
8	Haryana	58002									75319
9	Himachal Pradesh	7782	65								7847
10	Jammu & Kashmir	18621	31								18652
11	Jharkhand	71430									71430
12	Karnataka	276683	42070	45225	29102		1034		1572	12365	408051
13	Kerala	681299									681299
14	Madhya Pradesh	63536									63536
15	Maharashtra	409561		31383		251					441195
16	Manipur	17955		1245							19200
17	Meghalaya	3836					46				3882
18	Mizoram	342									342
19	Nagaland	5339		747					89		6175
20	Odisha	284755	15883	24498							325136
21	Punjab	94597									94597
22	Rajasthan	28200									28200
23	Sikkim	160									160
24	Tamil Nadu	239658	56079	79311			26080				401128
25	Tripura	38525					3760				42285
26	Uttarakhand	3488									3488
27	Uttar Pradesh	392926									392926
28	West Bengal	1385650	43490			69580					1505020
29	A & N Islands	20833	4807	6410							32050
30	Chandigarh	93									93
31	Dadra & Nagar Haveli								108		108
32	Daman Diu	12470	1953				1973	80			16476
33	Delhi	715									715
34	Lakshadweep	2980	70	7250	80		1984				12364
35	Puducherry	35729	840	5465							42034
	<b>INDIA</b>	<b>5955482</b>	<b>435355</b>	<b>347710</b>	<b>33216</b>	<b>291293</b>	<b>60077</b>	<b>1694</b>	<b>19086</b>	<b>47259</b>	<b>7191172</b>

Source : Director of Fisheries State Govts. / UT Administrations



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

(In tonnes)

Sl. No.	State/Union Territory	Marketing fresh	Freezing	Curing	Canning	Reduction	Misc. Purposes	Offal for reduction	Unspecified	Others	Total
1	Andhra Pradesh	806773	435269	28881	5133		32031		115456	133730	1557273
2	Arunachal Pradesh	2900					100				3000
3	Assam	226900								2900	229800
4	Bihar	267600								29740	297340
5	Chhattisgarh	201645									201645
6	Goa	78356		2612	4353			1741			87062
7	Gujarat	236712	167484	136479		219235					759910
8	Haryana	78260							19500		97760
9	Himachal Pradesh	7305	76								7381
10	Jammu & Kashmir	19010	32								19042
11	Jharkhand	75990									75990
12	Karnataka	355808	53658	58924	37861		1316		2001	17012	526580
13	Kerala	684271									684271
14	Madhya Pradesh	63642				410					63642
15	Maharashtra	445333		31856							477599
16	Manipur	18734		1466							20200
17	Meghalaya	3945					36				3981
18	Mizoram	340									340
19	Nagaland	5458		803					97		6358
20	Odisha	284755	15883	24498							325136
21	Punjab	97037									97037
22	Rajasthan	28200									28200
23	Sikkim	180									180
24	Tamil Nadu	258142	12948	108031			25491			404612	404612
25	Tripura	41910					4190				46100
26	Uttarakhand	3818									3818
27	Uttar Pradesh	417479									417479
28	West Bengal	1335159	38500			64000	5600				1443259
29	A & N Islands	21310	4918	6557							32785
30	Chandigarh	90									90
31	Dadra & Nagar Haveli								108		108
32	Daman Diu	12302	2493				2095	43			16933
33	Delhi	820									820
34	Lakshadweep	2710	50	7530	110		1700				12100
35	Puducherry	35932	2114	4227							42273
	<b>INDIA</b>	<b>6118826</b>	<b>733425</b>	<b>411864</b>	<b>47457</b>	<b>283645</b>	<b>72559</b>	<b>1784</b>	<b>137162</b>	<b>183382</b>	<b>7990104</b>

Source : Director of Fisheries State Govts. / UT Administrations



**Table A-9.4** DISPOSITION OF FISH CATCH BY STATES / UNION TERRITORIES, 2011

Sl. No.	State/Union Territory	Marketing fresh	Freezing	Curing	Canning	Reduction	Misc. Purposes	Offal for reduction	Unspecified	Others	Total
1	Andhra Pradesh	828603	458181	22844	6728	2156	61213	90	12755	99053	1491623
2	Arunachal Pradesh	3250					100				3350
3	Assam	236690								3050	239740
4	Bihar	233006								55904	288910
5	Chhattisgarh	242871									242871
6	Goa	77566		2586	4309			1724			86185
7	Gujarat	231360	163697	133394		214277					742728
8	Haryana	86775							21400		108175
9	Himachal Pradesh	7305	76								7381
10	Jammu & Kashmir	19010	32								19042
11	Jharkhand	75990									75990
12	Karnataka	267470	54452	87744	28243	26860	38622	23	29093	13930	546437
13	Kerala	0									0
14	Madhya Pradesh	74449									74449
15	Maharashtra	455932		28572		511					485015
16	Manipur	20019		2198	2						22219
17	Meghalaya	4697					70				4767
18	Mizoram	5065									5065
19	Nagaland	5626		851					108		6585
20	Odisha	284755	15883	24498							325136
21	Punjab	97037									97037
22	Rajasthan	30150									30150
23	Sikkim	180									180
24	Tamil Nadu	375227	19303	158898			58060				611488
25	Tripura	46948					6402				53350
26	Uttarakhand	3833									3833
27	Uttar Pradesh	429718									429718
28	West Bengal	1132775	40000			55000					1232775
29	A & N Islands	22542	5202	6936			5000				34680
30	Chandigarh	90									90
31	Dadra & Nagar Haveli	17381	2303						108		108
32	Daman Diu	740					2096	91	60		21931
33	Delhi	13081	64								740
34	Lakshadweep	34052	2003	4006							13145
35	Puducherry										40061
	<b>INDIA</b>	<b>5364193</b>	<b>761196</b>	<b>472527</b>	<b>39282</b>	<b>298804</b>	<b>171563</b>	<b>1928</b>	<b>63524</b>	<b>171937</b>	<b>7344954</b>

Source : Director of Fisheries State Govts. / UT Administrations



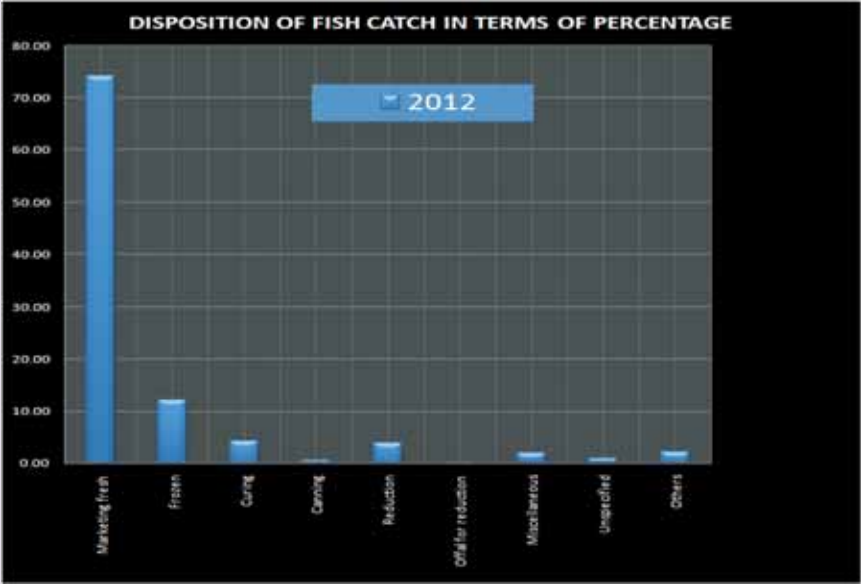
**Table A-9.5** DISPOSITION OF FISH CATCH BY STATES / UNION TERRITORIES, 2012

Sl. No.	State/Union Territory	Marketing fresh	Freezing	Curing	Canning	Reduction	Misc. Purposes	Offal for reduction	Unspecified	Others	Total
1	Andhra Pradesh	842202	486634	44982	11308	1200	37723	0	22832	75116	1521997
2	Arunachal Pradesh	3375					100				3475
3	Assam	247010								3190	250200
4	Bihar	277815								66655	344470
5	Chhattisgarh	260482									260482
6	Goa	77965		2599	4331		1733				86628
7	Gujarat	245426	173650	141504		227304					787884
8	Haryana	89251							22229		111480
9	Himachal Pradesh	7305	76								7381
10	Jammu & Kashmir	19010	32								19042
11	Jharkhand	107920									107920
12	Karnataka	257528	56696	70951	26790	27162	36790	21	26000	23629	525567
13	Kerala	0									0
14	Madhya Pradesh	84855									84855
15	Maharashtra	460477		32733		502					493712
16	Manipur	22640		2350	2						24992
17	Meghalaya	5389									5389
18	Mizoram	5340									5340
19	Nagaland	5823		907					110		6840
20	Odisha	284755	15883	24498							325136
21	Punjab	99131									99131
22	Rajasthan	32760									32760
23	Sikkim	180									180
24	Tamil Nadu	399848	174387				60864				635099
25	Tripura	50507					6953				57460
26	Uttarakhand	3847									3847
27	Uttar Pradesh	449750									449750
28	West Bengal	1390360	33000			45420	5150				1473930
29	A & N Islands	23698	5468	7292							36458
30	Chandigarh	90									90
31	Dadra & Nagar Haveli								108		108
32	Daman Diu	12302	2493				2095	43			16933
33	Delhi	690									690
34	Lakshadweep	13177		79							13256
35	Puducherry	30667	631	4780							36078
	<b>INDIA</b>	<b>5811575</b>	<b>948950</b>	<b>332675</b>	<b>42431</b>	<b>301588</b>	<b>151408</b>	<b>64</b>	<b>71279</b>	<b>168590</b>	<b>7828560</b>

Source : Director of Fisheries State Govts. / UT Administrations



**CHART 7: DISPOSITION OF FISH CATCH IN TERMS OF PERCENTAGE**



**CHART 8: DISPOSITION OF FISH CATCH DURING 2005 to 2012**







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

(In tonnes)

Sl. No.	State/Union Territory	1	2	3	4	5	6	7	8	9	10	11	12
		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	Frozen Cuttlefish fillets
1	Andhra Pradesh	1747	38372	29304	24065	1190	0	0	1500	10891	0	31	9801
2	Assam		0	920									
3	Bihar				6917								
4	Chhattisgarh				1350								
5	Gujarat		128333	214092	131943					5926			
6	Goa												
7	Haryana				15058								
8	Jammu & Kashmir			462	142								
9	Karnataka		1231		16909					6942			
10	Kerala		71239	17780	52602					64409		862	
11	Maharashtra		87716	9264	3357			22609				7318	2437
12	Manipur			35	69							5	
13	Nagaland				596								
14	Odisha		1380	11645	5404		370			14469		565	445
15	Tamil Nadu		5803	0						40454			8132
16	Tripura												
17	West Bengal		8759	10228		27				17102			940
18	A & N Islands	345	4131	1721	153	3				230			
19	Daman Diu	0		37									0
20	Lakshadweep			16	1410	12							
21	Puducherry		120	4700	5800								
	<b>INDIA</b>	<b>2092</b>	<b>347084</b>	<b>300204</b>	<b>265775</b>	<b>1232</b>	<b>370</b>	<b>22609</b>	<b>1500</b>	<b>160423</b>	<b>0</b>	<b>8781</b>	<b>21755</b>

Source : Director of Fisheries State Govts. / UT Administrations

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

(In tonnes)

Sl. No.	State/Union Territory	13	14	15	16	17	18	19	20	21	22	23	24
		Frozen Squids	Dried Squids	Canned Fish	Canned Shrimp/Prawn	Fish body oil	Fish meals soluble or similar feedings	Pomfret Frozen	Tunas frozen	Mackerels, frozen	Jellyfish, dried, salted or in brine	Miscell - aneous	Total
1	Andhra Pradesh				1161			875	932	45	21412		141326
2	Assam												920
3	Bihar										6917		13834
4	Chhattisgarh												1350
5	Gujarat										93518		573812
6	Goa												0
7	Haryana												15058
8	Jammu & Kashmir												604
9	Karnataka			24424				662	863	3521	20736		75288
10	Kerala										478513		685405
11	Maharashtra										6093		138794
12	Manipur				0						135		244
13	Nagaland										91		687
14	Odisha							89			40		34407
15	Tamil Nadu										18255		72644
16	Tripura										851		851
17	West Bengal										240		37296
18	A & N Islands					115					4777		11475
19	Daman Diu										0		37
20	Lakshadweep		0	65				5		11	10		1529
21	Puducherry												10620
	<b>INDIA</b>	<b>0</b>	<b>0</b>	<b>24489</b>	<b>1161</b>	<b>115</b>	<b>0</b>	<b>1631</b>	<b>1795</b>	<b>3577</b>	<b>0</b>	<b>651588</b>	<b>1816181</b>

Source : Director of Fisheries State Govts. / UT Administrations



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

(In tonnes)

Sl. No.	State/Union Territory	1	2	3	4	5	6	7	8	9	10	11	12
		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	Frozen Cuttlefish fillets
1	Andhra Pradesh	2302	50555	38608	31706	1568	0	0	1976	14349	0	41	13924
2	Assam		0	950									
3	Bihar				7055								
4	Chhattisgarh				800								
5	Gujarat		128703	214710	132324					5943			
6	Goa												
7	Haryana				17317								
8	Jammu & Kashmir				148								
9	Karnataka		1354		18600					7636			
10	Kerala		69720	17611	52099					58122		887	
11	Maharashtra		86900	8696	3151			21276				9002	1022
12	Manipur			60	78								
13	Nagaland				637								
14	Odisha		1380	11645	5404					14469		565	445
15	Tamil Nadu		37373	6379						7991			4336
16	Tripura												
17	West Bengal		9280	10740		30				18551			1588
18	A & N Islands	356	4165	1014	195	12				219			
19	Daman Diu	54	1848	0									0
20	Lakshadweep			20	1395	14							
21	Puducherry		125	4848	5725								
	<b>INDIA</b>	<b>2712</b>	<b>391403</b>	<b>315781</b>	<b>276634</b>	<b>1624</b>	<b>370</b>	<b>21276</b>	<b>1976</b>	<b>127280</b>	<b>0</b>	<b>10495</b>	<b>21315</b>

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

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

(In tonnes)

Sl. No.	State/Union Territory	13	14	15	16	17	18	19	20	21	22	23	24
		Frozen Cuttlefish fillets	Dried Squids	Canned Fish	Canned Shrimp/Prawn	Fish body oil	Fish meals soluble or similar feedings	Pomfret Frozen	Tunas frozen	Mackerels, frozen	Jellyfish, dried, salted or in brine	Miscellaneous	Total
1	Andhra Pradesh	25721	232	3352	1532			1087	1228	59	28275	216515	
2	Assam												950
3	Bihar										7055	14110	
4	Chhattisgarh											800	
5	Gujarat										54446	536126	
6	Goa											0	
7	Haryana											17317	
8	Jammu & Kashmir											648	
9	Karnataka							728	994	3873	32245	88942	
10	Kerala										450224	648663	
11	Maharashtra						68				6725	136840	
12	Manipur										147	287	
13	Nagaland										110	747	
14	Odisha										40	34407	
15	Tamil Nadu							89				56079	
16	Tripura										52	903	
17	West Bengal										482	40671	
18	A & N Islands					110					4247	10318	
19	Daman Diu							4			2	1908	
20	Lakshadweep										12	1521	
21	Puducherry											10698	
	<b>INDIA</b>	<b>25721</b>	<b>232</b>	<b>26946</b>	<b>1532</b>	<b>110</b>	<b>68</b>	<b>1908</b>	<b>2222</b>	<b>3932</b>	<b>52</b>	<b>584861</b>	<b>1818450</b>

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



**Table-A 10.3 PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2010**

(In tonnes)

Sl. No.	State/Union Territory	1	2	3	4	5	6	7	8	9	10	11	12
		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	Frozen Cuttlefish fillets
1	Andhra Pradesh	15634	39586	22887	53674	861	1771	20	634	55861	2477	275	
2	Assam			580									
3	Bihar				6917								
4	Chhattisgarh				580								
5	Gujarat		127601	212871	131191					5892			
6	Goa												
7	Haryana				19500								
8	Jammu & Kashmir			508	150								
9	Karnataka		1890		25202					10080		853	
10	Kerala		68495	17688	52326					63576		8390	
11	Maharashtra		96913	8754	3172			20018					
12	Manipur			62	80								
13	Nagaland				672								
14	Odisha		1380	11645	5404		370			14469		534	445
15	Tamil Nadu		5803										8132
16	Tripura												
17	West Bengal		10000	12000		35				26996			1720
18	A & N Islands	368	4315	1407	168	17				221			
19	Daman Diu			79	2361								31
20	Lakshadweep			21	1370	20							
21	Puducherry		914	1200	5725								
	<b>Total</b>	<b>16002</b>	<b>356897</b>	<b>289702</b>	<b>308492</b>	<b>933</b>	<b>2141</b>	<b>20038</b>	<b>634</b>	<b>177095</b>	<b>2477</b>	<b>10083</b>	<b>10297</b>

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

**Table-A 10.3 PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2010**

(In tonnes)

Sl. No.	State/Union Territory	Frozen Cuttlefish fillets	Dried Squids	Canned Fish	Canned Shrimp/Prawn	Fish body oil	Fish meals soluble or similar feedings	Pomfret Frozen	Tunas frozen	Mackerels frozen	Jellyfish, dried, salted or in brine	Miscellaneous	Total
		13	14	15	16	17	18	19	20	21	22	23	24
1	Andhra Pradesh		628		785			1404	519	150	48222		<b>245388</b>
2	Assam												<b>580</b>
3	Bihar										6917		<b>13834</b>
4	Chhattisgarh												<b>580</b>
5	Gujarat										53978		<b>531533</b>
6	Goa												<b>0</b>
7	Haryana												<b>19500</b>
8	Jammu & Kashmir												<b>658</b>
9	Karnataka		33731					995	1260	5292	31921		<b>110371</b>
10	Kerala										481333		<b>684271</b>
11	Maharashtra	3663	9158										<b>150068</b>
12	Manipur				2						150		<b>294</b>
13	Nagaland										131		<b>803</b>
14	Odisha										40		<b>34396</b>
15	Tamil Nadu							109			32933		<b>46868</b>
16	Tripura										875		<b>875</b>
17	West Bengal										260		<b>51427</b>
18	A & N Islands										5911		<b>12509</b>
19	Daman Diu										22		<b>2493</b>
20	Lakshadweep												<b>1533</b>
21	Puducherry					102							<b>7941</b>
	<b>Total</b>	<b>3663</b>	<b>43517</b>	<b>628</b>	<b>785</b>	<b>102</b>	<b>0</b>	<b>2508</b>	<b>1779</b>	<b>5442</b>	<b>0</b>	<b>662707</b>	<b>1915922</b>

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



**Table-A 10.4 PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2011**

(In tonnes)

Sl. No.	State/Union Territory	1	2	3	4	5	6	7	8	9	10	11	12
		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	Frozen Cuttlefish fillets
1	Andhra Pradesh	15770	29359	22590	28092	351	62	0	0	23799	0	1959	18868
2	Assam			610									
3	Bihar				6917								
4	Chhattisgarh				520								
5	Gujarat		122915	205053	126372					5676			
6	Goa		13321										
7	Haryana				21400								
8	Jammu & Kashmir			508	150								
9	Karnataka		40126	8414						11119			
10	Kerala		67613	17079	50524					66778		896	
11	Maharashtra		102283	7813	2831			17529				6966	
12	Manipur			70	85								
13	Nagaland				701								
14	Odisha		1380	11645	5404		370			14469		565	445
15	Tamil Nadu		47865							5834			5889
16	Tripura												
17	West Bengal		10861	10934		36				28405			2876
18	A & N Islands	375	5020	1213	173	38				250			
19	Daman Diu	80	2151										
20	Lakshadweep			2	57								
21	Puducherry		700	920	4389								
	<b>Total</b>	<b>16225</b>	<b>443594</b>	<b>286851</b>	<b>247615</b>	<b>425</b>	<b>432</b>	<b>17529</b>	<b>0</b>	<b>156330</b>	<b>0</b>	<b>10386</b>	<b>28078</b>

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

**Table-A 10.4 PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2011**

(In tonnes)

Sl. No.	State/Union Territory	13	14	15	16	17	18	19	20	21	22	23	24
		Frozen Cuttlefish fillets	Dried Squids	Canned Fish	Canned Shrimp/Prawn	Fish body oil	Fish meals soluble or similar feedings	Pomfret Frozen	Tunas frozen	Mackerels, frozen	Jellyfish, dried, salted or in brine	Miscellaneous	Total
1	Andhra Pradesh	520	0	897	1719	1926	150	34428	180490	610			
2	Assam												
3	Bihar												
4	Chhattisgarh												
5	Gujarat												
6	Goa												
7	Haryana												
8	Jammu & Kashmir												
9	Karnataka												
10	Kerala												
11	Maharashtra												
12	Manipur												
13	Nagaland												
14	Odisha												
15	Tamil Nadu												
16	Tripura												
17	West Bengal												
18	A & N Islands												
19	Daman Diu												
20	Lakshadweep												
21	Puducherry												
	<b>Total</b>	<b>18511</b>	<b>5612</b>	<b>28435</b>	<b>897</b>	<b>0</b>	<b>0</b>	<b>1916</b>	<b>9538</b>	<b>17016</b>	<b>0</b>	<b>667262</b>	<b>1956652</b>

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





**Table-A 10.5 PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2012**

(In tonnes)

Sl. No.	State/Union Territory	1	2	3	4	5	6	7	8	9	10	11	12
		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	Frozen Cuttlefish fillets
1	Andhra Pradesh	24364	24814	39559	62504	45	1890	1000	15910	79546	7724	855	<b>38723</b>
2	Assam			638									
3	Bihar				6917								
4	Chhattisgarh				470								
5	Gujarat		130594	217865	134268					6031			
6	Goa	27	27549										
7	Haryana				22229								
8	Jammu & Kashmir				150								
9	Karnataka		42959	7088						11352			
10	Kerala		66531	17015	50336					65447		878	
11	Maharashtra		99627	13300	4819			21471				7260	<b>11589</b>
12	Manipur			112	1136								
13	Nagaland				732								
14	Odisha		1380	11645	5404		370			14469		565	<b>445</b>
15	Tamil Nadu		54680							6491			<b>4413</b>
16	Tripura												
17	West Bengal		8958	12198		32				29964			<b>3343</b>
18	A & N Islands	382	5282	1276	191	39				256			
19	Daman Diu	84	2361										
20	Lakshadweep			3	72								
21	Puducherry		631	830	3951								
	<b>Total</b>	<b>24857</b>	<b>465366</b>	<b>322037</b>	<b>293179</b>	<b>116</b>	<b>2260</b>	<b>22471</b>	<b>15910</b>	<b>213556</b>	<b>7724</b>	<b>9558</b>	<b>58513</b>

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

**Table-A 10.5 PRESERVED AND PROCESSED COMMODITIES BY STATES / UNION TERRITORIES, 2012**

(In tonnes)

Sl. No.	State/Union Territory	13	14	15	16	17	18	19	20	21	22	23	24
		Frozen Cuttlefish fillets	Dried Squids	Canned Fish	Canned Shrimp/Prawn	Fish body oil	Fish meals soluble or similar feedings	Pomfret Frozen	Tunas frozen	Mackerels, frozen	Jellyfish, dried, salted or in brine	Miscellaneous	Total
1	Andhra Pradesh	285	0	250	1570		1000	9965	18308	6630	70598		<b>405540</b>
2	Assam												<b>638</b>
3	Bihar											6917	<b>13834</b>
4	Chhattisgarh												<b>470</b>
5	Gujarat											55246	<b>544004</b>
6	Goa	2289		48				129		9252		3380	<b>42674</b>
7	Haryana												<b>22229</b>
8	Jammu & Kashmir												<b>658</b>
9	Karnataka	11830	0	27152				82		10180		56591	<b>167234</b>
10	Kerala											480469	<b>680676</b>
11	Maharashtra												<b>158066</b>
12	Manipur				2							170	<b>1420</b>
13	Nagaland											175	<b>907</b>
14	Odisha							89				40	<b>34407</b>
15	Tamil Nadu	3227										17774	<b>86585</b>
16	Tripura											1724	<b>1724</b>
17	West Bengal	136										13370	<b>68001</b>
18	A & N Islands											5334	<b>12760</b>
19	Daman Diu	31											<b>2503</b>
20	Lakshadweep							25	2				<b>79</b>
21	Puducherry											4	<b>5412</b>
	<b>Total</b>	<b>17798</b>	<b>0</b>	<b>27452</b>	<b>1570</b>	<b>0</b>	<b>1000</b>	<b>10290</b>	<b>18310</b>	<b>26062</b>	<b>0</b>	<b>711792</b>	<b>2249821</b>

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



**TABLE A-11**

**FISH SEED PRODUCTION OVER  
DIFFERENT PLAN PERIODS IN INDIA**

Plan Period	Year	Production (million fry)
	1973-74 (End of IVth Plan)	409
	1978-79 (End of Vth Plan)	912
	1984-85 (End of VIth Plan)	9,639
VIIth 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
VIIIth Plan	1992-93	12,500
	1993-94	14,239
	1994-95	14,544
	1995-96	15,007
	1996-97	15,852
IXth Plan	1997-98	15,904
	1998-99	15,156
	1999-00	16,589
	2000-01	15,608
	2001-02	15,758
Xth Plan	2002-03	16,333
	2003-04	19,231
	2004-05	20,791
	2005-06	21,988
	2006-07	23,648
XIth Plan	2007-08	24,144
	2008-09	32,177
	2009-10	29,313
	2010-11	34,111
	2011-12	36,566
XIIth Plan	2012-13	34,922
	2013-14 (P)	41,450

Source : Director / Commissioner of Fisheries State Govts. / UT Administrations  
(P): Provisional



**TABLE A-12 FISH SEED PRODUCTION BY STATES / UNION TERRITORIES, 1999-00 to 2013-14 (P)**

Sl.No.	State/Union Territory	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14(P)
1	Andhra Pradesh	899.00	920.50	214.90	178.90	351.64	421.00	851.90	860.14	860.14	982.05	1165.46	1899.47	1899.47	5228.47	6562.63
2	Arunachal Pradesh	24.40	25.00	25.00	25.10	25.00	26.10	25.45	30.00	26.50	27.00	29.00	27.20	22.90	4.10	9.64
3	Assam	2114.14	1485.68	1801.55	1902.00	2228.41	2741.47	3207.99	3062.00	3206.00	3429.00	3326.00	4263.00	3624.00	4364.00	4546.00
4	Bihar	449.11	358.57	329.95	367.99	346.11	318.31	344.94	330.46	309.53	302.99	330.78	275.19	244.37	473.83	1872.48
5	Chhattisgarh	0.00	23.30	0.01	327.17	367.82	457.48	505.54	591.68	649.67	675.00	762.59	839.69	893.59	1043.74	1220.00
6	Goa	0.00	0.00	4.95	0.15	0.50	0.89	6.95	0.67	0.67	0.67	0.67	0.05	0.55	2.30	0.03
7	Gujarat	469.07	359.55	496.33	414.40	114.56	508.93	611.59	621.89	610.20	585.78	689.89	837.35	837.35	282.48	387.00
8	Haryana	177.00	177.60	180.50	204.00	243.06	249.57	282.08	331.14	309.76	332.20	404.99	643.41	744.21	734.55	909.37
9	Himachal Pradesh	23.63	25.77	27.53	16.99	19.47	19.17	21.27	16.98	21.92	21.60	21.75	20.32	20.32	22.02	22.22
10	Jammu & Kashmir	11.20	12.30	13.90	14.55	15.62	16.00	17.07	17.30	17.12	18.12	20.10	26.00	26.00	34.50	34.95
11	Jharkhand	0.00	74.54	28.27	104.30	64.50	80.00	17.27	28.71	28.71	77.11	540.50	630.70	649.70	931.00	1071.80
12	Karnataka	183.91	230.27	206.37	155.26	135.35	175.22	215.72	195.43	228.70	206.80	296.50	1158.41	1216.61	428.23	496.62
13	Kerala	19.02	19.02	11.20	12.60	12.70	12.17	12.48	12.70	12.70	12.70	12.70	12.70	12.70	18.00	18.00
14	Madhya Pradesh	610.60	339.70	359.30	263.20	384.40	334.60	438.62	485.87	496.58	5235.22	5489.62	619.87	1500.99	798.01	963.08
15	Maharashtra	208.00	207.00	275.00	187.00	169.04	47.45	85.40	549.73	200.61	149.43	188.90	190.89	1396.89	94.52	187.50
16	Manipur	115.10	115.00	116.00	117.00	117.00	118.00	123.00	129.00	125.00	125.00	127.00	134.00	134.00	139.00	157.00
17	Meghalaya	1.12	1.12	1.15	0.87	0.96	0.90	0.77	0.77	0.93	1.13	1.21	2.96	2.96	2.18	3.14
18	Mizoram	14.00	13.00	9.12	10.30	13.20	16.00	18.00	18.20	18.20	16.50	17.00	16.60	17.30	54.00	30.00
19	Negaland	50.00	50.00	47.00	47.00	40.00	44.00	43.00	48.00	48.00	48.50	48.10	47.50	49.50	48.00	48.50
20	Odisha	346.00	274.03	365.28	439.86	497.39	604.79	321.40	546.72	640.00	2957.85	730.00	6087.04	6087.04	701.93	658.16
21	Punjab	71.00	71.90	91.73	89.43	97.69	133.00	139.03	153.38	145.58	256.08	174.82	168.04	164.63	187.08	222.54
22	Rajasthan	238.51	231.00	286.00	423.34	303.00	255.00	299.00	342.00	350.38	350.38	349.57	455.26	449.69	1795.28	776.00
23	Sikkim	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	3.00	3.20	3.80	3.00	3.00	2.10	2.05
24	Tamil Nadu	814.36	591.91	627.14	686.59	413.05	529.28	529.28	529.28	529.28	529.28	529.28	291.82	431.84	188.20	2871.50
25	Tripura	209.90	209.80	220.92	229.54	272.26	401.86	546.53	420.00	506.00	305.50	301.00	602.00	730.00	700.00	798.00
26	Uttarakhand	0.00	51.60	51.66	33.30	29.01	35.82	31.69	28.21	37.42	38.32	34.47	100.44	100.16	42.98	44.43
27	Uttar Pradesh	806.52	882.81	959.92	975.44	1053.58	1037.32	1085.75	1091.56	1182.99	1304.18	1147.48	1302.26	1476.40	1595.11	1637.76
28	West Bengal	8725.00	8850.00	9000.00	9100.00	11910.00	12200.00	12200.33	13200.00	13572.00	14181.00	12566.00	13453.00	13826.00	15002.00	15890.00
29	A & N Islands	0.49	0.45	0.57	0.76	0.55	1.29	0.71	0.58	0.51	1.50	1.00	0.56	0.56	1.06	7.22
30	Chandigarh	0.00	0.70	0.70	0.70	1.10	0.70	0.70	0.80	3.20	0.80	1.60	0.80	2.40	1.60	0.80
31	Dadra & Nagar Haveli	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
32	Daman Diu	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
33	Delhi	3.20	3.20	3.17	2.33	2.00	1.82	2.34	2.25	2.27	2.32	1.39	1.30	1.30	1.53	1.53
34	Lakshadweep	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
35	Puduchery	2.40	0.50	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
<b>INDIA</b>		<b>16589.18</b>	<b>15608.32</b>	<b>15757.62</b>	<b>16332.57</b>	<b>19231.47</b>	<b>20790.64</b>	<b>21988.30</b>	<b>23647.95</b>	<b>24143.57</b>	<b>32177.21</b>	<b>29313.17</b>	<b>34110.83</b>	<b>36566.43</b>	<b>34921.80</b>	<b>41449.95</b>

Source : Director of Fisheries State Govts. / UT Administrations  
(P); Provisional



**TABLE A-13 PRAWN PRODUCTION IN INDIA : STATES / UNION TERRITORIES - 1999-00 to 2013-14(P)**

(In tonnes)

Year	T/P/ NP	Andhra Pradesh	Goa	Gujarat	Karnataka	Kerala	Maharashtra	Odisha	Tamil Nadu	West Bengal	A & N Islands	Daman & Diu	Puducherry	Total for INDIA
1999-00	P	19009	2651	50627	4699	73317	36325	9984	20093	11387	-	215	2615	230,922
	NP	7719	-	-	-	520	82219	4310	4843	3950	601	290	1116	105,568
2000-01	Total	<b>26728</b>	<b>2651</b>	<b>50627</b>	<b>4699</b>	<b>73837</b>	<b>185444</b>	<b>14294</b>	<b>24936</b>	<b>15337</b>	<b>601</b>	<b>505</b>	<b>3731</b>	<b>336490</b>
	NP	17162	2284	53983	2913	58275	14585	14284	20257	11760	298	196	1177	213,235
2001-02	Total	<b>8181</b>	<b>2284</b>	<b>53983</b>	<b>11864</b>	<b>69167</b>	<b>98257</b>	<b>3887</b>	<b>24851</b>	<b>17660</b>	<b>351</b>	<b>591</b>	<b>4493</b>	<b>327316</b>
	NP	16450	2483	48773	2248	49151	33654	15105	21079	11700	434	135	3312	204,524
2002-03	Total	<b>24179</b>	<b>2483</b>	<b>48773</b>	<b>8744</b>	<b>52766</b>	<b>109529</b>	<b>19169</b>	<b>17700</b>	<b>6000</b>	<b>534</b>	<b>514</b>	<b>3312</b>	<b>313453</b>
	NP	1160	2284	6710	15251	53490	45442	18398	13151	12730	418	89	3430	172,553
2003-04	Total	<b>2221</b>	<b>2284</b>	<b>49504</b>	<b>15569</b>	<b>56832</b>	<b>102407</b>	<b>20611</b>	<b>24026</b>	<b>18840</b>	<b>489</b>	<b>391</b>	<b>4990</b>	<b>298164</b>
	NP	1160	2284	46330	10826	53437	45442	21228	16848	13050	560	46	2398	213,609
2004-05	Total	<b>2221</b>	<b>2284</b>	<b>55480</b>	<b>11290</b>	<b>56801</b>	<b>102407</b>	<b>3023</b>	<b>11755</b>	<b>7950</b>	<b>688</b>	<b>172</b>	<b>3470</b>	<b>308667</b>
	NP	121507	7703	9302	11841	57252	31537	23398	18636	23780	560	33	2348	207,897
2005-06	Total	<b>33692</b>	<b>7703</b>	<b>62605</b>	<b>11841</b>	<b>69907</b>	<b>100171</b>	<b>25429</b>	<b>43780</b>	<b>20000</b>	<b>128</b>	<b>89</b>	<b>1435</b>	<b>174,723</b>
	NP	157094	5837	15683	11690	47752	58670	22790	42096	63297	<b>688</b>	<b>122</b>	<b>3783</b>	<b>382620</b>
2006-07	Total	<b>185863</b>	<b>5837</b>	<b>73061</b>	<b>13088</b>	<b>59465</b>	<b>126366</b>	<b>25219</b>	<b>43346</b>	<b>120297</b>	<b>696</b>	<b>334</b>	<b>1656</b>	<b>655228</b>
	NP	22160	10250	18449	7500	58008	42519	24968	44454	52001	407	103	79	280,898
2007-08	Total	<b>31994</b>	<b>10250</b>	<b>76666</b>	<b>7851</b>	<b>69600</b>	<b>94320</b>	<b>28129</b>	<b>45796</b>	<b>79968</b>	<b>565</b>	<b>210</b>	<b>334</b>	<b>445683</b>
	NP	24987	9545	19088	8251	55619	45352	26255	21701	54044	412	103	1674	267,031
2008-09	Total	<b>36732</b>	<b>9545</b>	<b>74068</b>	<b>8000</b>	<b>67201</b>	<b>99221</b>	<b>29075</b>	<b>22650</b>	<b>86895</b>	<b>585</b>	<b>210</b>	<b>2283</b>	<b>437265</b>
	NP	27742	8693	13509	9071	68016	55956	28879	29863	43452	416	113	1578	287,288
2009-10	Total	<b>46236</b>	<b>8693</b>	<b>41100</b>	<b>9812</b>	<b>68016</b>	<b>92187</b>	<b>31653</b>	<b>37845</b>	<b>69048</b>	<b>588</b>	<b>230</b>	<b>2226</b>	<b>407634</b>
	NP	24329	11029	17488	16443	67573	38657	25603	30085	49734	349	139	1743	283,172
2010-11	Total	<b>44189</b>	<b>11029</b>	<b>47871</b>	<b>16609</b>	<b>67573</b>	<b>107400</b>	<b>29577</b>	<b>38147</b>	<b>70722</b>	<b>499</b>	<b>173</b>	<b>2460</b>	<b>436249</b>
	NP	28324	8584	22223	19873	70677	35091	27095	31947	67194	468	367	1018	312,861
2011-12	Total	<b>47208</b>	<b>8584</b>	<b>59405</b>	<b>23239</b>	<b>70677</b>	<b>103207</b>	<b>32376</b>	<b>40486</b>	<b>92299</b>	<b>652</b>	<b>477</b>	<b>1485</b>	<b>479915</b>
	NP	36795	9179	16122	25088	NR	67936	5281	8539	25105	184	110	467	167,054
2012-13	Total	<b>52945</b>	<b>9179</b>	<b>57928</b>	<b>27645</b>	<b>0</b>	<b>100747</b>	<b>31628</b>	<b>117715</b>	<b>106886</b>	<b>680</b>	<b>0</b>	<b>2754</b>	<b>508105</b>
	NP	41922	8614	16605	NR	68399	42297	33199	32309	80122	520	466	2061	326,514
2013-14 (P)	Total	<b>62764</b>	<b>8614</b>	<b>58833</b>	<b>0</b>	<b>70058</b>	<b>98261</b>	<b>37856</b>	<b>40945</b>	<b>111654</b>	<b>713</b>	<b>567</b>	<b>2671</b>	<b>492936</b>
	NP	43537	10230	16705	NR	60403	45373	28513	32314	85334	518	NR	2144	325,071
2013-14 (P)	Total	<b>65103</b>	<b>10230</b>	<b>59070</b>	<b>0</b>	<b>62055</b>	<b>109636</b>	<b>34005</b>	<b>41000</b>	<b>120034</b>	<b>710</b>	<b>0</b>	<b>2991</b>	<b>504834</b>

Source : Director of Fisheries State Govts. / UT Administrations

P - Penaeid NR - Not Reported  
NP - Non-Penaeid (P) = Provisional

**Table-A-14.1****STATE WISE DETAILS OF SHRIMP PRODUCTION  
DURING 2011-12 & 2012-13 (\*)**

Sl. No.	State	2011-12			2012-13		
		Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)	Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)
1	West Bengal	48558.00	45999.00	0.95	48410.00	52581.00	1.09
2	Odisha	8622.00	11001.00	1.28	6302.00	14532.00	2.31
3	Andhra Pradesh	42402.00	126466.00	2.98	36123.00	159083.00	4.40
4	Tamil Nadu	5757.00	14960.00	2.60	7804.00	25815.00	3.31
5	Kerala	12809.00	8138.00	0.64	12917.00	5175.00	0.40
6	Karnataka	722.00	841.00	1.16	394.00	664.00	1.69
7	Goa	53.00	51.00	0.96	31.00	63.00	2.03
8	Maharashtra	1225.00	2662.00	2.17	1486.00	3513.00	2.36
9	Gujarat	2059.00	6065.00	2.95	2359.00	9393.00	3.98
<b>TOTAL</b>		<b>122207.00</b>	<b>216183.00</b>	<b>1.77</b>	<b>115826.00</b>	<b>270819.00</b>	<b>2.34</b>

\* Production from Aquaculture farms

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



**Table-A-14.2**

**STATE WISE DETAILS OF SCAMPI PRODUCTION DURING 2011-12 & 2012-13 (\*)**

Sl. No.	State	2011-12			2012-13		
		Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)	Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)
1	West Bengal	4385.00	2906.00	0.66	1520.00	2446.00	1.61
2	Odisha	743.00	513.00	0.69	886.00	592.00	0.67
3	Andhra Pradesh	485.00	475.00	0.98	280.00	174.00	0.62
4	Tamil Nadu	437.00	285.00	0.65	136.00	54.00	0.40
5	Kerala	161.00	52.00	0.32	48.00	6.00	0.13
6	Karnataka	0.00	0.00	0.00	0.00	0.00	0.00
7	Goa	0.00	0.00	0.00	0.00	0.00	0.00
8	Maharashtra	33.00	38.00	1.15	49.00	60.00	1.22
9	Gujarat	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL</b>		<b>6244.00</b>	<b>4269.00</b>	<b>0.68</b>	<b>2919.00</b>	<b>3332.00</b>	<b>1.14</b>

\* Production from Aquaculture farms this data provides production from monoculture farms only and does not include production from village ponds, reservoirs etc.  
Source: Marine Products Export Development Authority (MPEDA), Kochi.

**Table-A-14.3****STATE WISE DETAILS OF TOTAL (SHRIMP + SCAMPI) PRODUCTION DURING 2011-12 & 2012-13 (\*)**

Sl. No.	State	2011-12			2012-13		
		Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)	Area under Culture (Ha)	Estimated production (MT)	Productivity in (MT/Ha/yr)
1	West Bengal	52943.00	48905.00	1.61	49930.00	55027.00	2.70
2	Odisha	9365.00	11514.00	1.97	7188.00	15124.00	2.97
3	Andhra Pradesh	42887.00	126941.00	3.96	36403.00	159257.00	5.03
4	Tamil Nadu	6194.00	15245.00	3.25	7940.00	25869.00	3.70
5	Kerala	12970.00	8190.00	0.96	12965.00	5181.00	0.53
6	Karnataka	722.00	841.00	1.16	394.00	664.00	1.69
7	Goa	53.00	51.00	0.96	31.00	63.00	2.03
8	Maharashtra	1258.00	2700.00	3.32	1535.00	3573.00	3.59
9	Gujarat	2059.00	6065.00	2.95	2359.00	9393.00	3.98
<b>TOTAL</b>		<b>128451.00</b>	<b>220452.00</b>	<b>2.45</b>	<b>118745.00</b>	<b>274151.00</b>	<b>3.48</b>







**SECTION : B**  
**EXPORTS**





TABLE B-1

TREND IN EXPORTS OF MARINE PRODUCTS  
1980-81 TO 2012-13

Year	Quantity (Tonnes)	Value (₹ Crore)	Unit value (₹ / tonnes)	Unit value index	Annual growth rate (%)	
					Quantity	Value
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	137667	856.00	62179.03	2495.41	24.20	34.81
1991-92	169875	1311.60	77209.71	3098.63	23.40	53.22
1992-93	206673	1713.70	82918.43	3327.74	21.66	30.66
1993-94	242505	2461.00	101482.44	4072.76	17.34	43.61
1994-95	307337	3575.30	116331.58	4668.70	26.73	45.28
1995-96	296277	3450.10	116448.46	4673.39	-3.60	-3.50
1996-97	378198	4077.60	107816.54	4326.96	27.65	18.19
1997-98	385818	4649.70	120515.37	4836.60	2.01	14.03
1998-99	302934	4626.87	152735.25	6129.67	-21.48	-0.49
1999-00	343031	5116.67	149160.57	5986.21	13.24	10.59
2000-01	440473	6443.89	146294.78	5871.20	28.41	25.94
2001-02	424470	5957.05	140340.90	5632.25	-3.63	-7.56
2002-03	467297	6881.31	147257.74	5909.84	10.09	15.52
2003-04	412017	6091.95	147856.76	5933.88	-11.83	-11.47
2004-05	461329	6646.55	144073.97	5782.07	11.97	9.10
2005-06	512163	7245.73	141473.12	5677.69	11.02	9.01
2006-07	612643	8363.52	136515.39	5478.72	19.62	15.43
2007-08	541701	7620.93	140685.18	5646.07	-11.58	-8.88
2008-09	602834	8607.95	142791.38	5730.60	11.29	12.95
2009-10	678436	10048.53	148113.16	5944.17	12.54	16.74
2010-11	813091	12901.46	158671.78	6367.92	19.85	28.39
2011-12	862021	16597.23	192538.58	7727.08	6.02	28.65
2012-13	928215	18856.26	203145.39	8152.76	7.68	13.61
2013-14	983756	30213.26	307121.48	12325.60	5.98	60.23

Source: Marine Products Export Development Authority, Kochi



**TABLE B-2** EXPORT OF MARINE PRODUCTS BY CATEGORY - INDIA, 1995-96 TO 2013-14

Sl. No.	Items	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Frozen Shrimp	Q 95,724	105,427	101,318	102,484	110,275	111,874	127,709	134,815	129,768	138,085	145,180	137,397	136,223	126,042	130,553	151,485	189,125	228,620	30,1435
		V 2,356.80	2,701.76	3,140.56	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	3,779.88	4,182.35	5,718.13	18,175.26	97,06.36	19,368.00
2	Fr. Cuttlefish/ Fillets	Q 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	50,698	63,504	59,159	154,671	63,296	68,577
		V 260.86	272.37	323.41	273.31	286.22	288.99	280.07	417.09	435.18	474.01	549.15	797.37	744.13	760.59	923.83	1,104.57	13,46.72	1,354.28	1,387.98
3	Frozen Squids	Q 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	57,125	61,445	87,579	77,373	75,387	87,437
		V 319.58	290.45	270.89	266.93	296.8	324.43	329.67	384.37	372.92	477.26	575.52	588.32	408.42	632.35	622.63	1,010.57	12,28.19	13,78.08	17,31.97
4	Fresh/Frozen Fish	Q 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	238,543	260,988	312,358	347,118	34,387.6	32,435.9
		V 372.3	636.92	726.73	495.03	537.34	874.68	713.11	841.65	620.73	759.27	998.7	1,452.88	1,303.41	1,722.29	2,032.51	2,623.89	3,284.15	3,296.86	4,294.81
5	Live Items	Q 1756	2,030	1,700	2,148	1,678	1,844	1,628	2,115	2,341	2,262	2,568	2,478	2,498	3,434	5,492	5,208	4,199	4,373	5,080
		V 21.31	33.97	29.34	47.08	37.99	39.88	40.57	53.66	51.1	50.75	61.71	64.06	69.07	99.00	139.14	142.15	154.61	197.89	281.85
6	Dried Fish	Q 7,506	9,893	5,840	6,273	6,576	7,511	7,020	8,178	12,574	9,692	14,167	24,283	22,414	31,688	47,053	79,059	53,721	72,953	67,901
		V 44.97	42.67	34.85	40.3	42.77	70.03	60.19	84.23	145.68	121.01	132.56	183.16	258.88	420.75	981.11	954.94	5,62.65	819.9	998.00
7	Chilled Items	Q 2773	1,578	3,183	2,624	3,088	3,620	3,284	3,350	3,779	3,988	5,060	7,200	6,541	21,453	28,817	21,118	21,278	28,868	19,755
		V 26.08	18.74	44.31	29.18	44.97	71.63	63.66	59.14	64.04	68	81.56	117.3	118.11	217.34	264.49	257.54	357.42	537.11	527.84
8	Other Items	Q 9,555	13,563	13,395	14,006	22,393	31,216	39,495	43,298	48,090	55,250	60,841	67,571	73,698	73,851	80,564	97,145	114,538	112,841	10,921.2
		V 99.24	124.48	127.39	128.13	225.36	292.74	329.86	432.86	389.23	475.58	574.58	674.35	777.29	975.75	902.47	1,089.67	1,488.24	1,565.78	1,623.50
<b>Total</b>	<b>Q</b>	<b>296,277</b>	<b>378,198</b>	<b>385,818</b>	<b>302,934</b>	<b>343,031</b>	<b>440,473</b>	<b>424,470</b>	<b>467,297</b>	<b>412,017</b>	<b>461,229</b>	<b>512,163</b>	<b>612,643</b>	<b>541,701</b>	<b>602,834</b>	<b>678,436</b>	<b>813,091</b>	<b>8,62,023</b>	<b>9,28,214</b>	<b>9,83,756</b>
	<b>V</b>	<b>3,501</b>	<b>4,121</b>	<b>4,697</b>	<b>4,627</b>	<b>5,117</b>	<b>6,444</b>	<b>5,957</b>	<b>6,881</b>	<b>6,092</b>	<b>6,647</b>	<b>7,245</b>	<b>8,364</b>	<b>7,621</b>	<b>8,608</b>	<b>10,049</b>	<b>12,901</b>	<b>16,597.24</b>	<b>18,856.26</b>	<b>30,213.00</b>

Q: Quantity in tonnes

V: Value in Rs. Crores

Totals may not tally due rounding off.

Source: Marine Products Export Development Authority, Kochi



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

Sl. No.	Items	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Frozen Shrimp Q	32.31	27.88	26.26	33.83	32.15	25.40	30.09	28.85	31.50	29.93	28.35	22.43	25.15	20.91	19.24	18.63	21.94	24.63	30.64
	V	67.32	65.56	66.86	72.29	71.24	69.55	69.50	66.97	65.87	63.50	58.96	53.88	51.72	43.91	41.62	44.32	49.26	51.48	64.10
2	Fr. Cuttlefish/ Fillets Q	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	8.41	9.36	7.28	6.34	6.82	6.97
	V	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	8.84	9.19	8.56	8.11	7.18	4.59
3	Frozen Squids Q	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	9.48	9.06	10.77	8.98	8.12	8.89
	V	9.13	7.05	5.77	5.81	5.80	5.03	5.53	5.59	6.12	7.18	7.94	6.80	5.36	7.35	6.20	7.83	7.40	7.31	5.73
4	Fresh/Frozen Fish Q	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	39.57	38.47	38.42	40.27	37.05	32.97
	V	10.63	15.45	15.47	10.70	10.50	13.57	11.97	12.23	10.19	11.42	13.78	17.37	17.10	20.01	20.23	20.34	19.79	17.48	14.22
5	Live Items Q	0.59	0.54	0.44	0.71	0.49	0.42	0.38	0.45	0.57	0.49	0.50	0.40	0.46	0.57	0.81	0.64	0.49	0.47	0.52
	V	0.61	0.82	0.62	1.02	0.74	0.62	0.68	0.78	0.84	0.76	0.85	0.77	0.91	1.15	1.38	1.10	0.93	1.05	0.93
6	Dried Fish Q	2.53	2.62	1.51	2.07	1.92	1.71	1.65	1.75	3.05	2.10	2.77	3.97	4.14	5.26	6.94	9.72	6.23	7.86	6.90
	V	1.28	1.04	0.74	0.87	0.84	1.09	1.01	1.22	2.39	1.82	1.83	2.19	3.40	4.89	9.76	7.40	3.39	4.35	3.30
7	Chilled Items Q	0.94	0.42	0.83	0.87	0.90	0.87	0.77	0.72	0.92	0.86	0.99	1.18	1.21	3.56	4.25	2.60	2.47	2.89	2.01
	V	0.74	0.45	0.94	0.63	0.88	1.11	1.07	0.86	1.05	1.02	1.13	1.40	1.55	2.52	2.63	2.00	2.15	2.85	1.75
8	Other items Q	3.23	3.59	3.47	4.62	6.53	7.09	9.30	9.27	11.67	11.98	11.88	11.03	13.60	12.25	11.88	11.95	13.29	12.16	11.10
	V	2.83	3.02	2.71	2.77	4.40	4.54	5.54	6.29	6.39	7.16	7.93	8.06	10.20	11.34	8.98	8.45	8.97	8.30	5.37
Total	Q	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	V	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Q: Quantity in tonnes

V: Value in Rs. Crores

Totals may not tally due rounding off.

Source: Marine Products Export Development Authority, Kochi



**TABLE B-4** EXPORT OF MARINE PRODUCTS BY MARKET, 2003-04 TO 2013-14

Market	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14											
	Q/V	%	Q/V	%	Q/V	%	Q/V	%	Q/V	%	Q/V	%										
Japan	Q 50020	12.14	57832	12.54	59785	11.67	67437	11.01	67373	12.44	57271	9.50	62690	9.24	70714	8.70	85800	9.95	76648.00	8.26	71484.00	7.27
	V 1163.69	19.10	1202.5	18.09	1156	15.96	1353.38	16.18	1227.59	16.11	1234.01	14.34	1289.58	12.83	1683.39	13.05	2140.67	12.90	1999.59	10.60	2463.83	8.15
U.S.A	Q 53153	12.90	50045	10.85	55817	10.90	43761	7.14	36613	6.76	36877	6.12	33444	4.93	50095	6.8354	7.93	92447.00	9.96	110880.00	11.27	
	V 1682.06	27.61	1556.10	23.41	1639.20	22.62	1347.80	16.12	1016.94	13.34	1021.55	11.87	1012.52	10.08	1990.26	15.43	2977.53	17.94	4026.48	21.35	7744.67	25.63
European Union	Q 96284	23.37	117742	25.52	136842	26.72	149773	24.45	149381	27.58	151590	25.15	164800	24.29	170963	21.03	154221	17.89	158357.00	17.06	174686.00	17.76
	V 1470.99	24.15	1819.3	27.37	2134.2	29.46	2760.32	33.00	2664.24	34.96	2789.96	32.53	3013.33	29.99	3459.4	26.81	3810.44	22.96	4176.42	22.15	6129.69	20.29
South East Asia	Q 174408	42.33	186668	40.90	197216	38.51	271163	44.26	203610	37.59	236265	39.19	293643	43.28	393111	48.35	428477	49.71	428720.00	46.19	455844.00	46.34
Including China	V 1222.23	20.06	1322	19.89	1435.3	19.81	1775.66	21.21	1583.56	20.78	2169.48	25.20	3270.44	32.55	4092.29	31.72	5452.50	32.85	5802.14	30.77	9813.31	32.48
Middle East	Q 14711	3.57	16624	3.60	22270	4.35	23585	3.85	25752	4.75	27177	4.51	34907	5.15	43950	5.41	38155	4.43	41419.00	4.46	58040.00	5.90
	V 201.52	3.31	244.4	3.68	307.7	4.25	371.06	4.44	383.96	5.17	475.72	5.53	553.59	5.51	669.90	5.19	894.38	5.39	1113.34	5.90	1599.37	5.29
Others	Q 23441	5.69	30418	6.59	40234	7.86	56924	9.29	58972	10.89	93654	15.54	88953	13.11	84257	10.36	87014	10.09	130623.00	14.07	112822.00	11.47
	V 351.46	5.77	502.4	7.56	572.9	7.91	757.3	9.05	734.62	9.64	907.21	10.54	909.07	9.05	1006.23	7.80	1321.72	7.96	1738.29	9.22	2462.40	8.15
<b>Total</b>	<b>Q 412017</b>	<b>100.00</b>	<b>461329</b>	<b>100.00</b>	<b>512164</b>	<b>100.00</b>	<b>612643</b>	<b>100.00</b>	<b>541701</b>	<b>100.00</b>	<b>602834</b>	<b>100.00</b>	<b>678436</b>	<b>100.00</b>	<b>813090</b>	<b>100.00</b>	<b>862021.00</b>	<b>100.00</b>	<b>928214.00</b>	<b>100.00</b>	<b>983756.00</b>	<b>100.00</b>
	<b>V 6,091.95</b>	<b>100.00</b>	<b>6,646.70</b>	<b>100.00</b>	<b>7,245.30</b>	<b>100.00</b>	<b>8,363.52</b>	<b>100.00</b>	<b>7,620.91</b>	<b>100.00</b>	<b>8,607.93</b>	<b>100.00</b>	<b>10,048.53</b>	<b>100.00</b>	<b>12,901.47</b>	<b>100.00</b>	<b>16,597.24</b>	<b>100.00</b>	<b>18,856.26</b>	<b>100.00</b>	<b>30,213.27</b>	<b>100.00</b>

Q : Quantity in Metric Tonnes  
V : Value in ₹ Crores

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


**TABLE B-5** VALUE OF EXPORT OF MARINE PRODUCTS DURING 2001-02 TO 2012-13

(₹ in lakhs)

Sl. Article No. Code	Article distribution	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14 (P)
1	0301 Live fish	666.67	695.795	1283.07	631.78	554.36	1863.28	670.25	884.56	573.16	502.35	665.71	625.83	2023.25
2	0302 Fish Fresh or chilled including Hilsa	6164.71	4552.55	9641.24	9165.37	9868.98	13486.04	11884.82	13125.35	17030.78	16391.61	24931.60	40448.7	58585.16
3	0303 Frozen Fish	112233.16	131104.14	56964.52	78592.72	107175.89	139184.34	121333.50	97180.75	258339.52	277313.81	340250.43	347373.55	470331.01
4	0304 Fish Filets & Other Fish Meat	8661.99	7408.63	7672.12	7812.77	11993.61	23648.60	18078.95	28961.75	49019.79	53362.34	90096.07	102915.16	78298.93
5	0305 Fish dried salted	3545.71	3283.70	6114.85	5058.74	4403.77	5500.14	4534.86	6701.66	10710.46	7515.44	11277.91	8345.35	21975.35
6	0306 Shrimp, Lobsters, Prawns	397200.08	465457.64	423462.51	412738.88	399389.30	420027.60	350189.63	352847.50	38644.94	513155.77	839100.40	1008157.32	1966830.54
7	0307 Molluscas, Cuttle Fish, etc.	52248.36	63824.21	62956.98	76405.62	95817.89	104063.20	91666.69	96120.93	136075.94	186652.54	277367.45	299261.64	341956.21
	<b>Sub-Total</b>	<b>580720.68</b>	<b>676326.82</b>	<b>568095.29</b>	<b>590405.88</b>	<b>629203.80</b>	<b>707773.20</b>	<b>598358.70</b>	<b>595822.50</b>	<b>510394.59</b>	<b>1054893.86</b>	<b>1583689.57</b>	<b>1807127.55</b>	<b>2940000.45</b>
8	1504 Fats & Oils & their Fracins	555.76	535.35	409.9	586.79	512.35	1809.86	4146.10	3688.55	4500.60	6487.22	11815.64	18854.62	19752.52
9	1603 Extracts & Juices of Meat Fish Crustaceans Molluscas/ other aquatic invertebrates	45.88	801.28	367.44	141.84	101.51	735.47	829.60	1703.89	9153.72	19849.15	8369.82	224.90	178.19
10	1604 Prepared or Preserved Fish; Caviar and Caviar substitute prepared from Fish Eggs	378.80	216.7	5067.84	12086.61	13626.72	19292.30	20223.06	27618.40	25263.76	31321.90	26446.25	16971.79	20040.22
	<b>Sub-Total</b>	<b>980.44</b>	<b>1553.33</b>	<b>5845.18</b>	<b>12815.24</b>	<b>14240.58</b>	<b>21837.63</b>	<b>25198.76</b>	<b>33010.84</b>	<b>38918.08</b>	<b>57658.27</b>	<b>46631.71</b>	<b>36051.31</b>	<b>39970.93</b>
11	1605 Crustaceans Molluscas & other Aquatic Invertebrates prepared or preserved	2704.80	8283.14	34749.06	42768.14	58424.19	69218.08	62337.20	74126.05	83953.05	72802.47	22219.70	33181.49	51729.27
	<b>Sub-Total</b>	<b>2704.8</b>	<b>8283.14</b>	<b>34749.06</b>	<b>42768.14</b>	<b>58424.19</b>	<b>69218.08</b>	<b>62337.2</b>	<b>74126.05</b>	<b>83953.05</b>	<b>72802.47</b>	<b>22219.70</b>	<b>33181.49</b>	<b>51729.27</b>
	<b>Total without 1605</b>	<b>581701.12</b>	<b>677880.15</b>	<b>573940.47</b>	<b>603221.12</b>	<b>643444.38</b>	<b>729610.83</b>	<b>623557.46</b>	<b>628833.34</b>	<b>549312.7</b>	<b>1112552.1</b>	<b>1630321.28</b>	<b>1843178.86</b>	<b>2979971.38</b>
	<b>Total with 1605</b>	<b>584405.92</b>	<b>686163.29</b>	<b>608689.53</b>	<b>645989.26</b>	<b>701868.57</b>	<b>798828.91</b>	<b>685894.66</b>	<b>702959.39</b>	<b>633265.7</b>	<b>1185354.6</b>	<b>1652540.98</b>	<b>1876360.35</b>	<b>3031700.65</b>

Source: Export Import Data Bank, Department of Commerce, Ministry of Commerce and Industry.  
(P): Provisional





**TABLE B-6 PORT-WISE EXPORT OF MARINE PRODUCTS 2005-06 TO 2012-13**

Port	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12		2012-13	
	Q	%	Q	%	Q	%	Q	%	Q	%	Q	%	Q	%	Q	%
Kandla	3045	0.59	565	0.09	36	0.01	75	0.01	0	0	124	0.02	0	0	0	0
Porbandar	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Mumbai	3224	0.63	2893	0.47	2383	0.44	2319	0.38	2349	0.35	1965	0.24	2973	0.35	3164	0.35
JN Port	120492	23.53	137153	22.39	104670	19.32	126853	21.04	129318	19.06	155829	19.17	148891	17.32	145723	16.24
Goa	10719	2.09	16152	2.64	19297	3.56	21146	3.51	29409	4.33	35728	4.39	40432	4.70	41377	4.61
Mangalore	15965	3.12	26723	4.36	26155	4.83	33083	5.49	59000	8.70	104821	12.89	86367	10.05	95907	10.69
Karwar	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Kochi	95737	18.69	106454	17.38	98520	18.19	98537	16.35	104281	15.37	121550	14.95	152445	17.73	132109	14.72
Trinandrum	1501	0.29	2123	0.35	1784	0.33	2209	0.37	2985	0.44	2932	0.36	2867	0.33	3131	0.35
Tuticorin	27172	5.31	30611	5.00	29697	5.48	29354	4.87	27782	4.10	30220	3.72	34532	4.02	32989	3.68
Chennai	45246	8.83	42272	6.90	42947	7.93	39043	6.48	45991	6.78	55961	6.88	46184	5.37	53596	5.97
Vizag	37121	7.25	36594	5.97	35535	6.56	32227	5.35	31863	4.70	38217	4.70	62215	7.24	78542	8.75
Paradeep	60	0.01	0	0.00	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Kolkata	18291	3.57	23238	3.79	27666	5.11	33625	5.58	46901	6.91	56060	6.89	59151	6.88	63832	7.11
Pipavav	115101	22.47	178751	29.18	149734	27.64	163866	27.18	182052	26.83	197478	24.29	219801	25.57	233738	26.05
Kakinada	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Haldia	66	0.01	0	0.00	42	0.01	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Others	18423	3.60	9113	1.49	3230	0.60	20498	3.40	16505	2.43	12206	1.50	3746	0.44	13078	1.46
<b>Total</b>	<b>512163</b>	<b>100.00</b>	<b>612642</b>	<b>100.00</b>	<b>541702</b>	<b>100.00</b>	<b>602835</b>	<b>100.00</b>	<b>678436</b>	<b>100.00</b>	<b>813091</b>	<b>100.00</b>	<b>859604</b>	<b>100.00</b>	<b>897186</b>	<b>100.00</b>

Port	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12		2012-13	
	V	%	V	%	V	%	V	%	V	%	V	%	Q	%	Q	%
Kandla	28.32	0.39	3.64	0.04	1.29	0.02	0.41	0.00	0.00	0.00	1.75	0.01	0	0	0	0
Porbandar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0
Mumbai	69.17	0.95	67.54	0.81	116.12	1.52	176.56	2.05	462.67	4.60	273.49	2.12	268.51	1.72	323.77	1.82
JN Port	1173.04	16.19	1279.48	15.30	1120.86	14.71	1487.28	17.28	1564.42	15.57	1970.65	15.27	2151.66	13.76	2399.8	13.48
Goa	55.56	0.77	89.45	1.07	111.22	1.46	185.16	2.15	219.24	2.18	275.3	2.13	351.17	2.25	366.95	2.06
Mangalore	103.27	1.43	149.49	1.79	162.61	2.13	238.44	2.77	400.33	3.98	688.32	5.34	659.41	4.22	849.01	4.77
Karwar	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	0.00	0	0.00
Kochi	1218.97	16.82	1476.51	17.65	1383.74	18.16	1504.98	17.48	1576.19	15.69	1892.14	14.67	2859.02	18.29	3265.64	18.34
Trinandrum	37.58	0.52	47.04	0.56	46.73	0.61	66.16	0.77	92.66	0.92	105.61	0.82	117.54	0.75	143.56	0.81
Tuticorin	613.17	8.46	735.48	8.79	654.64	8.59	693.76	8.06	686.45	6.83	880.41	6.82	250.58	1.60	235.91	1.33
Chennai	1382.56	19.08	1332.58	15.93	1158.5	15.20	1078.44	12.53	1314.14	13.08	1979.76	15.35	1847.88	11.82	2062.72	11.59
Vizag	1115.3	15.39	1264.75	15.12	1018.6	13.37	897.93	10.43	943.29	9.39	1300.28	10.08	2652.15	16.96	3344.97	18.79
Paradeep	0.98	0.01	0.00	0.00	0.45	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00
Kolkata	537.95	7.42	655.65	7.84	689.7	9.05	720.36	8.37	892.48	8.88	1313.67	10.18	1730.89	11.07	1811.21	10.17
Pipavav	776.83	10.72	1162.05	13.89	1075.31	14.11	1408.35	16.36	1673.74	16.66	2025.72	15.70	2710.34	17.34	2808.25	15.77
Kakinada	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	
Haldia	1.73	0.02	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	
Others	130.87	1.81	99.9	1.19	80.91	1.06	150.11	1.74	222.92	2.22	194.37	1.51	34.48	0.22	190.91	1.07
<b>Total</b>	<b>7245.30</b>	<b>100.00</b>	<b>8363.56</b>	<b>100.00</b>	<b>7620.91</b>	<b>100.00</b>	<b>8607.94</b>	<b>100.00</b>	<b>10048.53</b>	<b>100.00</b>	<b>12901.47</b>	<b>100.00</b>	<b>15633.63</b>	<b>100.00</b>	<b>17802.70</b>	<b>100.00</b>

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



**SECTION : C**  
**FISHING**  
**HARBOURS**





TABLE C-1

## MAJOR AND MINOR FISHING HARBOURS – OUTLAYS AND EXPENDITURE

(₹ in lakhs)

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

\* Includes major and minor fishing harbours &amp; fish landing centres.

\*\* The harbour scheme has been merged with in CSS on Development of Marine Fisheries, Infrastructure &amp; Post Harvest Operations.



**TABLE C-2 MAJOR FISHING HARBOURS AT MAJOR PORTS**

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

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

**TABLE C-3**

**NUMBER OF MAJOR, MINOR FISHING HARBOURS AND FISH LANDING CENTRES COMMISSIONED/UNDER CONSTRUCTION BY STATES/ UNION TERRITORIES - WISE, TILL 2011-12**

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

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



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

Location	FH/ FLC	Sanctioned Cost ( ₹ Lakhs)	Location	FH/ FLC	Sanctioned Cost ( ₹ Lakhs)		
<b>Andhra Pradesh</b>			11	Gangolli	FLC	3.70	
1	Kakinada	FH	973.17	12	Belikeri	FLC	0.99
2	Nizamapatnam	FH	157.66	13	Keni	FLC	0.99
3	Bhavanapadu	FH	340.00	14	Bhatkal	FLC	6.00
4	Machilipatnam	FH	470.88	15	Moolky	FLC	0.10
5	Calingapatnam	FLC	60.35	16	Sadasivgad	FLC	0.99
6	Etimoga	FLC	61.57	17	Belambar	FLC	0.99
7	Baruva	FLC	83.60	18	Kodibengre	FLC	55.00
8	Perupalem	FLC	88.86	19	Hejmadikudi	FLC	95.00
9	Navvalarevu	FLC	79.35	<b>Odisha</b>			
10	Chintapalli	FLC	79.77	1	Gopalpur	FH	805.30
11	Pudimadakara	FLC	78.00	2	Dhamra	FH	70.00
12	Mukkam	FLC	79.77	3	Naugarh (Astrang)	FH	507.00
13	Mynavanilanka	FLC	59.74	4	Dhamara Stage-II	FH	640.00
14	Vodarevu	FLC	88.86	5	Chandipur	FLC	15.00
15	Gondisamudram	FLC	85.62	6	Pathara	FLC	2.50
16	Isakapalli Pattapupalem	FLC	84.86	7	Nairi Stage-I	FLC	5.41
17	Thathichetlapalem	FLC	79.00	8	Nairi-II Stage-II	FLC	6.00
18	Bandaruvanipeta	FLC	81.16	9	Jambo	FLC	73.03
19	Mypadu	FLC	92.84	10	Palaur	FLC	17.00
20	Kothapatnam	FLC	92.47	11	Kansabansa	FLC	65.10
<b>Goa</b>			12	Soran	FLC	9.97	
1	Cortalim	FLC	0.51	13	Sabelia	FLC	2.42
2	Malim	FLC	89.25	14	Chudamani	FLC	14.06
3	Cutbona	FLC	89.20	15	Panchubisa	FLC	32.68
4	Qortalim stage II	FLC	89.31	16	Talchua	FLC	110.70
<b>Gujarat</b>			17	Kharanasi	FLC	99.90	
1	Veraval	FH	900.00	18	Chandrabhaga	FLC	8.32
2	Mangrol Stage-I	FH	200.00	19	Rushikulya	FLC	9.40
3	Porbandar	FH	276.00	20	Tantiapal	FLC	99.06
4	Mangrol Stage-II	FH	701.00	21	Sorala	FLC	70.28
5	Jhakau	FH	3031.00	22	Bandara	FLC	160.50
6	Jafrabad	FLC	25.00	23	Khandiapatana	FLC	105.83
7	Manglore Stage - II	FH	75.00	24	Bhusandpur Baliapatpur	FLC	108.60
8	Jakhau-I	FLC	5.00	25	Bahabalpur	FLC	98.04
9	Vansi-Borsi	FLC	16.00	26	Kirtania	FLC	172.00
10	Kosamba	FLC	13.00	27	Talasai	FLC	162.10
11	Mandvi	FLC	16.00	28	Gopalpai on Sea	FLC	96.00
12	Salaya	FLC	17.00	<b>Tamil Nadu</b>			
13	Umarsadi	FLC	5.00	1	Tuticorin	FH	210.00
14	Jakhau	FLC	5.00	2	Mallipatnam	FH	10.60
15	Sachana	FLC	20.00	3	Kodiakarai	FH	14.40
16	Madhavadi	FLC	17.76	4	Vallinokkam	FH	77.00
17	Surajbari	FLC	31.53	5	Tondi	FH	56.56
18	Magod Dungari	FLC	38.74	6	Pazhayar	FH	67.32
19	Dholai	FLC	54.66	7	Chinnmuttom	FH	684.00
20	Chorwad	FLC	46.12	8	Cuddalore	FLC	12.00
21	Port Onjal	FLC	42.00	9	Rameshwaram	FLC	10.00
22	Rajpara	FLC	43.35	10	Kottaipatnam	FLC	22.00
23	Umargaon	FLC	1.00	11	Muttom	FLC	12.60
24	Kolak	FLC	4.15	12	Vallapalam	FLC	7.14
25	Hirakot	FLC	0.71	13	Vallavillai	FLC	7.50
26	Navapur	FLC	0.61	14	Nagapattinam	FLC	0.75
27	Dhamlej	FLC	31.00	15	Palk Bay	FLC	1.00
<b>Karnataka</b>			16	Erawadi	FLC	26.00	
1	Karwar	FH	30.00	17	Poompuhar	FLC	7.87
2	Honnavar	FH	75.00	18	Kodimurai	FLC	7.50
3	Tadri	FH	4.59	19	Punnakkayal	FLC	132.32
4	Mangalore	FH	33.00	20	Mudasalodi	FLC	132.32
5	Malpe Stage-I	FH	426.00	21	Pulicat	FLC	132.32
6	Malpe Stage-II	FH	1146.70	22	Sethubavachatram	FLC	132.32
7	Mangaloare Stage -II	FH	75.00	23	Jagathapathinam	FLC	132.32
8	Koyamkulam	FH	624.00	24	Arcocuttthurai	FLC	132.32
9	Coondapur	FLC	1.00	25	Soliakudi	FLC	132.32
10	Kagal Heni	FLC	0.60	26	Mondapam	FLC	132.32
				27	Nagapattinam	FLC	122.00



TABLE C-4

**FISHING HARBOURS AND FISH LANDING CENTRES  
CONSTRUCTED / COMMISSIONED TILL 2010-11**

Location	FH/ FLC	Sanctioned Cost (₹ Lakhs)	Location	FH/ FLC	Sanctioned Cost (₹ Lakhs)		
<b>Kerala</b>			21	Mulgaon	FLC	1.86	
1	Vizhinjam stage-I	FH	208.00	22	Navapur	FLC	0.20
2	Puthiappa	FH	962.50	23	Onni-Bhatti	FLC	0.03
3	Munambam	FH	1167.20	24	Thurnvadi	FLC	0.16
4	Vizhinjam stage-II	FH	704.00	25	Thal	FLC	0.55
5	Neendakara	FH	672.00	26	Utton	FLC	0.02
6	Chombal	FH	556.00	27	Vashi	FLC	0.31
7	Mopla Bay	FH	816.00	28	Wadrai	FLC	0.74
8	Thangassery	FH	1930.50	29	Rajpuri	FLC	0.54
9	Muthalappozhy	FH	1366.00	30	Jeevne Bundar	FLC	0.54
10	Kasaragode	FLC	13.00	31	Mahim Causeway	FLC	23.07
11	Cannanore	FLC	1.46	32	Alibagh Koliwada	FLC	32.53
12	Neeleswaram	FLC	15.00	33	Tarkarli	FLC	53.34
13	Munakkadavu	FLC	19.00	34	Taramumbri	FLC	97.02
14	Beyapore	FLC	2.10	35	Achara Peerwada	FLC	55.16
15	New Mahe	FLC	24.59	36	Rajpuri Koliwada	FLC	73.96
16	Vellayil Beach	FLC	22.00	37	Ekdara Koliwada	FLC	38.66
17	Vallikunu	FLC	17.90	<b>West Bengal</b>			
18	Chettuvai	FLC	19.50	1	Fraser Ganj	FH	452.32
19	Arthungal	FLC	32.22	2	Digha Stage-I	FH	139.00
20	Ponnani	FLC	8.00	3	Digha Stage-II	FH	492.52
21	Beliapatnam	FLC	13.00	4	Sultanpur (Diamond Harbour)	FH	708.16
22	Thottappally	FLC	30.00	5	Harwood point	FH	2462.00
23	Cheruvathur	FLC	18.00	6	Namkhana	FLC	7.06
24	Dharmadon	FLC	21.00	7	Jalda	FLC	9.50
25	South Paravoor	FLC	24.94	8	New Jalda	FLC	5.00
26	Vizhinjam South	FLC	19.10	9	Kharpai	FLC	6.30
27	Vizhinjam North	FLC	19.10	10	Kalinagar	FLC	7.13
28	Chalil Gopalpettah	FLC	25.00	11	Bamanagar	FLC	4.18
29	Quilandy	FLC	23.00	12	Ganeshpur	FLC	5.31
30	Punnappa	FLC	36.80	13	Akhoyanagar	FLC	3.08
31	Kattor Pollathai	FLC	50.25	14	Junapat	FLC	9.80
32	Thikkodi	FLC	49.25	15	Soula	FLC	13.27
33	Moylakikadappuram	FLC	85.20	16	Madanganj	FLC	9.60
<b>Maharashtra</b>			17	Brajabalapur	FLC	9.65	
1	Ratnagiri	FH	1840.50	18	Mayagalani ghat	FLC	345.23
2	Agro	FH	414.00	<b>A &amp; N Islands</b>			
3	Karanja	FLC	11.00	1	Phoenix Bay	FH	67.00
4	Navalgaon	FLC	0.03	2	Junglighat	FLC	368.00
5	Borli Mandla	FLC	0.52	<b>Lakshadweep</b>			
6	Nandgaon	FLC	0.10	1	Kavaratti	FLC	11.00
7	Murad	FLC	0.03	2	Minicoy	FLC	15.52
8	Theorinda	FLC	0.01	3	Agathi	FLC	5.00
9	Ajanala	FLC	0.00	<b>Puducherry</b>			
10	Ade-Uttambar	FLC	0.02	1	Puducherry	FH	423.00
11	Agrao	FLC	0.55	2	Mahe	FLC	0.04
12	Boria	FLC	0.03	<b>Daman &amp; Diu</b>			
13	Burondi	FLC	0.05	1	Ghoghla	FLC	52.12
14	Bagamandla	FLC	1.00	2	Vanakbara	FLC	43.80
15	Datiware	FLC	0.92				
16	Dahanu	FLC	0.99				
17	Dakti-Dahanu	FLC	0.99				
18	Kahardanda	FLC	0.82				
19	Ekdara	FLC	0.01				
20	Mandavi	FLC	0.51				

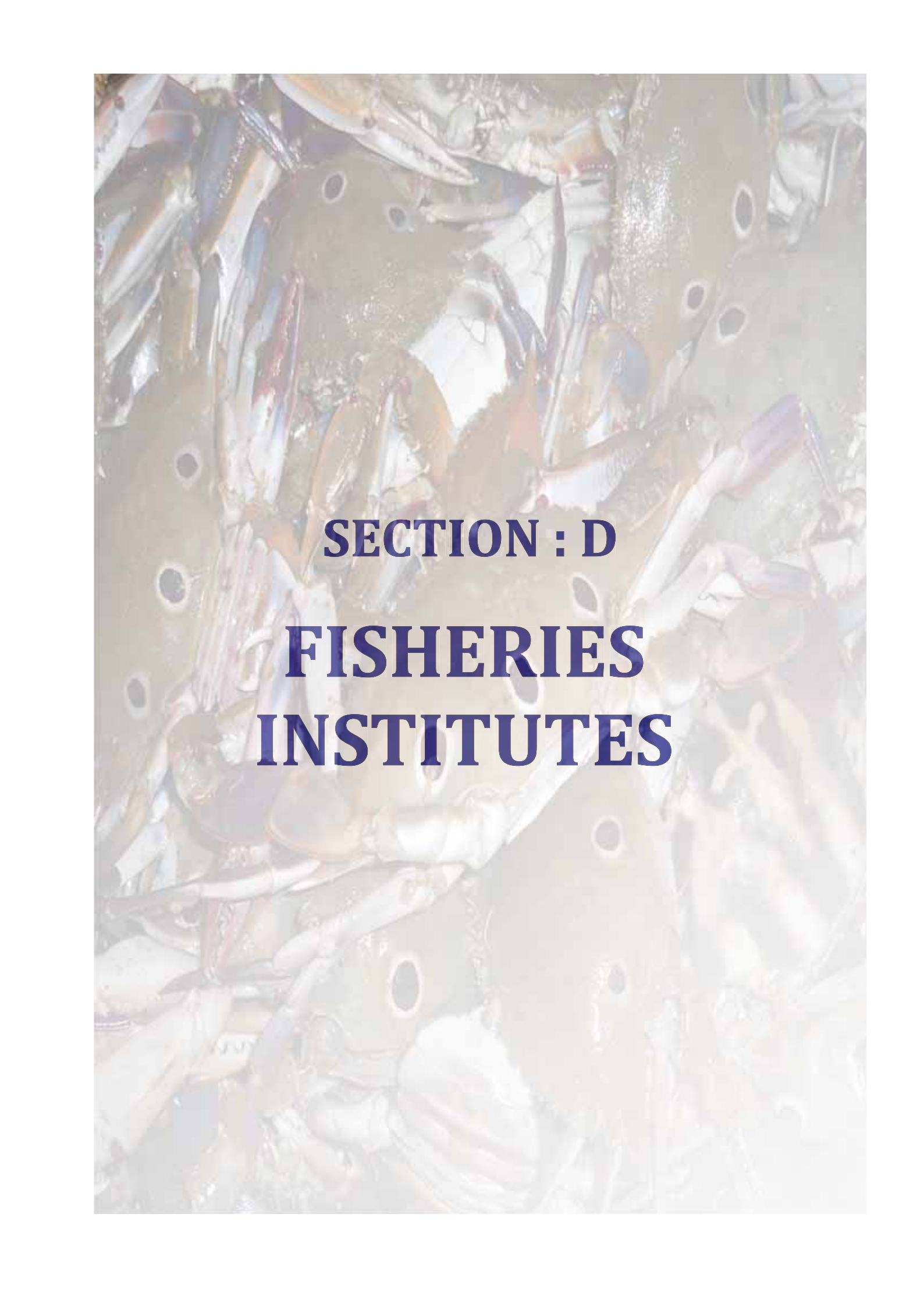




**TABLE C-5**

**FISHING HARBOURS AND FISH LANDING CENTRES  
UNDER CONSTRUCTION AS ON 2010-11**

Location	FH/ FLC	Sanctioned Cost (₹ Lakhs)	Location	FH/ FLC	Sanctioned Cost (₹ Lakhs)
<b>Andhra Pradesh</b>			<b>Maharashtra</b>		
1 Antervedi Pallepalaem	FLC	721.00	1 Deogad	FH	3589.00
2 Lakshmiparam	FLC	366.80	2 Karanja	FH	6802.00
3 Vodalarevu	FLC	223.80	3 Arnala	FH	6156.00
4 Gundayapalem	FLC	184.80	4 Sarjekote	FLC	30.00
<b>Goa</b>			<b>Odisha</b>		
1 Cortalim Stage-II	FLC	89.31	1 Bahabalpur	FH	1080.00
<b>Gujarat</b>			2 Panthakata	FLC	80.20
1 Dholai	FH	1477.70	3 Hata Baradi	FLC	62.00
2 Okha	FH	2346.34	4 Balugaon	FLC	235.5
<b>Karnataka</b>			5 Nairi Stage-III	FLC	38.86
1 Gangolli	FH	832.00	<b>Tamil Nadu</b>		
2 Karwa Stage-II	FH	130.00	1 Colaachel	FH	271.00
3 Mangalore Stage - III	FH	5760.00	2 Theugapattinam	FH	271.00
4 Malpe Stage -III	FH	3715.00	3 Muttom	FH	5392.00
5 Honnavar Stage - II	FH	4474.00	4 Veerapandiapatinum	FLC	132.32
6 Alvekodi	FH	223.00	<b>West Bengal</b>		
<b>Kerala</b>			1 Petuaghat	FH	6092.65
1 Vizhinjam Stage-III	FH	704.00	<b>A &amp; N Islands</b>		
2 Ponnani	FH	2759.40	1 Rangat Bay	FLC	321.66
3 Thottappally	FH	1458.30	2 Yerrata	FLC	370.73
4 Koyilandi	FH	3545.00	3 Durgapur (Diglipur)	FLC	601.09
5 Thalai	FH	1925.74	4 Mayabundar	FLC	425.63
6 Cheruvathur	FH	2906.00	<b>Puducherry</b>		
7 Chettuva	FH	3024.00	1 Karaikal	FH	3406.50
8 Kadapra	FLC	18.52	2 Maha	FH	7162.00
9 Palacode	FLC	15.00	3 Yanam	FH	1885.00



**SECTION : D**

**FISHERIES**

**INSTITUTES**



**TABLE D-1****MANPOWER TRAINED IN CIFNET, KOCHI**

(Number as on 30.09.2013)

Sl. No.	State/Union Territory	Mate Fishing Vessels Course	Engine Drivers Fishing Vessels Course	Vessel Navigator Course	Marine Fitter Course	Bachelor of Fishing and Nautical
1	Andhra Pradesh	60	51	4	12	-
2	Assam	1	-	-	-	1
3	Bihar	21	14	11	1	-
4	Goa	6	15	2	1	-
5	Gujarat	31	37	3	1	-
6	Jharkhand	-	-	2	3	2
7	Karnataka	75	55	-	-	1
8	Kerala	136	119	385	134	82
9	Maharashtra	26	34	3	3	-
10	Manipur	1	-	-	-	-
11	Odisha	38	22	-	1	1
12	Punjab	-	1	-	-	-
13	Rajasthan	-	2	-	-	-
14	Tamil Nadu	45	37	13	16	3
15	Uttar Pradesh	4	5	-	3	-
16	West Bengal	8	9	1	1	-
17	A & N Islands	23	28	-	-	-
18	Lakshadweep	57	50	5	5	3
19	Puducherry	123	157	2	9	-
20	New Delhi	-	-	1	-	-
21	Private Industry	41	45	5	2	-
22	Private Candidates	1365	1359	112	129	66
23	I.C.A.R. Candidates	1	-	-	-	-
24	Overseas Candidates	5	-	-	-	-
<b>TOTAL</b>		<b>2067</b>	<b>2040</b>	<b>549</b>	<b>320</b>	<b>159</b>

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



**TABLE D-2**

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

(Number as on 30.09.2013)

Sl. No.	State/Union Territory	ADFGTC	EDME	RTOC	GTC	BBFC	SMC	TTC
1	Andhra Pradesh	1	-	7	7	-	2	-
2	Assam	-	-	-	-	1	-	-
3	Gujarat	-	-	2	12	7	1	-
4	Goa	-	-	2	1	-	3	-
5	Jammu & Kashmir	2	-	-	-	-	-	-
6	Karnataka	1	1	13	8	2	14	-
7	Kerala	-	-	20	22	29	15	12
8	Madhya Pradesh	-	-	-	1	-	-	-
9	Maharashtra	-	-	1	4	2	14	-
10	Manipur	2	-	-	-	-	-	-
11	Odisha	-	-	2	6	2	4	6
12	Tamil Nadu	1	1	9	17	5	6	7
13	Uttar Pradesh	-	1	-	4	-	-	-
14	West Bengal	2	-	-	7	2	14	4
15	A & N Island	-	-	-	5	3	4	2
16	Lakshadweep	-	-	13	1	3	163	1
17	Puducherry	-	1	-	4	1	36	-
18	Private Industry	-	16	47	9	6	19	-
19	Private Candidate	-	-	101	26	35	64	-
20	I.C.A.R Candidates	-	-	1	-	-	-	-
21	Overseas Candidates	11	-	1	10	1	7	-
<b>TOTAL</b>		<b>20</b>	<b>20</b>	<b>219</b>	<b>144</b>	<b>99</b>	<b>366</b>	<b>32</b>

**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 : CIFNET, Kochi.

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

(Number as on 30.09.2013)

Sl. No.	Country	Scheme	No. trained
1	Nigeria	FAO Fellowship	15
2	Philippines	FAO Fellowship	2
		Colombo Plan	2
3	Fiji	Colombo Plan	4
4	Zambia	SCAAP	8
5	Ghana	FAO Fellowship	2
		SCAAP	5
6	Laos	ESCAP	2
7	Burma	FAO Fellowship	12
		Colombo Plan	1
8	PDR Yemen	FAO Fellowship	3
		Bilateral	15
9	Tanzania	CFTC	4
10	Maldives	CFTC	5
		ITEC	4
11	Bangladesh	CFTC	16
		Colombo Plan	1
12	Kiribati	CFTC	1
13	Namibia	CFTC	10
14	Srilanka	CFTC	10
		ITEC	1
		Colombo Plan	1
15	Sultanate of Oman*	OJT*	34
	<b>Total</b>		<b>158</b>

**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

\* On Job Training - Commenced during June, 2013 (on going - duration 6 months)

Source : CIFNET, Kochi



**TABLE D-4** ACHIEVEMENT OF NATIONAL INSTITUTE OF FISHERIES POST HARVEST TECHNOLOGY AND TRAINING PROJECT 2004-05 TO 2012-13

Activity	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Days out at sea	-	-	-	-	-	-	-	-	-
Fish Production (Tonne)	78.41	94.49	109.58	71.17	101.14	128.83	112.06	149.17	154.61
Fish Processing (Tonne)	50.76	53.02	80.03	56.59	73	75.3	112.83	103.89	104.32
Fish Products Developed (Tonne)									
(a) Quantity (Tonne)	38.53	56.74	98.17	55.63	58.9	63.46	69.29	87.32	85.22
(b) Value (Rs. in Lakhs)	28.75	38.00		41.81	52.47	52.36	73.89	93.16	109.29
<b>Training Conducted</b>									
a) Number	731.00	431.00	499	951.00	522.00	832.00	836.00	409.00	640
b) No. of training days		7031.00	8173	11381	8183	9376	9024	5808	9495
c) Revenue Realized (Lakhs)	4.66	2.92	72.66	5.00	3.95	6.70	7.93	2.84	4.95
<b>Workshop- job orders taken</b>									
a) No. of job orders	188.00	63.00							
b) Revenue from Non Project Work (lakhs)	7.31	1.72							
<b>Slipway- Vessels slipped</b>									
(a) Number	5.00								
(b) Tonnage	243.00								
<b>Liferaft Servicing Station</b>									
a) Liferafts serviced (Nos.)	6.00								
b) Revenue Realized (lakhs)	1.08								
Other Receipts (Rs in Lakh)		24.00							
<b>Vizag Unit</b>									
1. Fish Processed (T)	22.55	5.91		52.96	53.16	17.36	19.89	18.48	3.74
2. Raw material processed for exporters job work					66.97	0	73.89	0	0
3. Products Developed (T)	13.76	4.17		37.17	45.77	14.88	13.98	11.87	2.46
4. Products Marketed (T)	82.17	77.24		60.64	81.77	39.80	80.16	39.09	21.91
5. Revenue Realized (lakhs)	4.90	4.13		15.95	19.85	6.16	17.58	6.03	6.83
<b>Training Conducted</b>									
a) Number							0	86	25
b) No. of Training Days							0	1630	65
c) Revenue Realized (Lakhs)							0	0.85	0.2
<b>Both units</b>									
1. Fish Processed (T)	100.96	100.40	109.58	124.13	221.68	146.19	205.85	167.66	158.35
2. Products Developed (T)	64.52	57.19	80.03	93.76	118.71	90.18	126.81	115.76	106.78
3. Products Marketed (T)	120.69	133.98	98.17	116.27	140.67	103.27	149.46	126.41	107.13
4. Revenue Realized (lakhs)	64.73	42.13	72.66	57.76	72.33	57.68	84.47	98.11	111.91
5. No. of Training Days		7031	8173	11381	8183	9376	9024	7438	9560
6. Revenue Realized from all Sources (Rs in Lakh)		77.31	72.66	84.62	109.72	102.09	119.45	184.26	123.35
7. No. of trainees trained					522.00	832	836	495	665
<b>Financial ( Rs. in lakhs)</b>									
Plan	60.14	97.20	186.84	139.29	194.18	194.48	175.92	186.38	211.17
Non- Plan	364.81	323.18	222.00	244.88	397.65	453.69	444.14	471.09	509.52

Source: National Institute of Fisheries Post Harvest Technology and Training (NIFPHATT)



ACHIEVEMENT OF CENTRAL INSTITUTE OF FISHERIES NAUTICAL AND ENGINEERING TRAINING 2004-05 TO 2012-13									
Training Programme/Courses	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1. Mate Fishing Vessel Course	141	74	48	Course discontinued					
2. Engine Driver Fishing Vessel Course		64		Course discontinued					
3. Shore Mechanics Course	7	7	32	10	16	16	12	12	Course discontinued (Restructured to Sl. No. 8, Sl. No.9)
4. Statutory & Refresher Training	49	44	32	25	17	23	21	19	8
5. Special Short Term Training Programme	1092	846	664	762	486	372	451	361	450
6. Post-Institutional Training	33			62	51	38	39	29	20
7. Bachelor of Fishing & Nautical Science		20	32	49	66	89	72	73	77
8. Vessel Navigator Course				101	74	62	79	86	77
9. Marine Fitter Course				94	93	88	86	88	83
<b>Total</b>	<b>1322</b>	<b>1055</b>	<b>776</b>	<b>1103</b>	<b>803</b>	<b>668</b>	<b>760</b>	<b>655</b>	<b>715</b>
<b>Vessel Operation</b>									
Days out a Sea	471	490	342	414	202	461	426	327	413
Fishing Effort (hrs.)	2222	2222	1035.8	1611	504	1435	1122	797	1476.45
Catch (Tonnes)	63.54	63.54	37.56	55	7	11	30	14	21.26
Fishing Days	378	409	261	359	148	323	346	264	333
Institutional Trg. Days	3251	2983	3609	3665	2497	4267	3962	3553	3286
Post Institutional Trg. Days	3859	4335	4358	3289	1370	4079	3525	3156	3509
Fishing Effort (Hooks)				770	90	375	-	-	-
Revenue Earned (Rs. In Lakh)		11.28	18.69	19.71	16.52	22.42	26.41	31.99	42.99
<b>Financial Expenditure (Rs. in lakhs)</b>									
<b>Plan</b>	<b>274.94</b>	<b>251.00</b>	<b>465.00</b>	<b>429.45</b>	<b>733.03</b>	<b>495.03</b>	<b>639.02</b>	<b>832.01</b>	<b>274.95</b>
<b>Non-Plan</b>	<b>433.90</b>	<b>495.27</b>	<b>580.00</b>	<b>595.84</b>	<b>701.27</b>	<b>807.66</b>	<b>814.66</b>	<b>872.96</b>	<b>975.62</b>

ACHIEVEMENT OF FISHERY SURVEY OF INDIA 2004-05 TO 2012-13									
Type of Survey (effort Parameter)	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Bottom Trawl Survey (fishing hours)	5278	4087	4235	3964	2934	2453	2275	1849	1845
Mid Water Trawl Survey	501	432	263	401	341	123	262	259	0
Oceanic Longline Survey (hooks operated)	118745	266360	253443	277725	272193	170023	242488	178009	211220
<b>Financial (Rs. in lakhs)</b>									
<b>Plan</b>	<b>3967.00</b>	<b>2937</b>	<b>1946</b>	<b>2810.75</b>	<b>3022.73</b>	<b>3875.12</b>	<b>3698.71</b>	<b>3018.17</b>	<b>2846.89</b>
<b>Non-Plan</b>	<b>377.45</b>	<b>429</b>	<b>570.00</b>	<b>432.32</b>	<b>713.73</b>	<b>882.18</b>	<b>768.33</b>	<b>864.56</b>	<b>944.01</b>







**SECTION : E**

**PLAN OUTLAYS  
AND  
EXPENDITURE**





TABLE E-1

## OUTLAYS AND EXPENDITURE FOR FISHERIES DEVELOPMENT OVER PLANS

( ₹ Crores)

Plan	Outlay/ Expenditure	Central Sector Scheme	Centrally Sponsored Schemes	State Schemes	Total
First Plan	Outlay	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	1198.16	2004.02
	Exp.	223.25	397.17	1188.51	1808.93
Eleventh Plan	Outlay	1946.00	830.00	419.69	6945.06
	Exp.	635.92	576.31	2419.69	3631.92
Twelfth Plan	Outlay	2483.00			2483.00**
	Exp*		616.46	N A	616.46

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

\*\* Includes NFDB, Database, Welfare schemes and Fisheries Institutes

\* Exp. up to 2013-14 N A = Not Available

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

Source: Planning Commission and D/o of Animal Husbandry, Dairying & Fisheries



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

( ₹ Lakhs)

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

Source: Planning Commission

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

( ₹ Lakhs)

Ninth Plan		Tenth Plan		Eleventh Plan	
Outlay	Expenditure	Outlay	Expenditure	Outlay	Expenditure (upto 2010-11)
5184.00	444.00	2552.50	2738.19	9140.97	5310.51
1881.00	36.90	1201.34	1174.16	1887.00	1838.45
9976.00	283.00	6838.50	4084.39	14251.00	7986.32
1000.00	213.00	1081.00	658.92	13828.25	4740.76
		1772.19	1763.07	8147.39	3879.18
792.00	181.80	2424.17	2847.99	8427.96	5125.98
10400.00	779.00	6132.00	5349.76	25929.81	16612.19
1738.00	51.00	2865.00	2567.12	3720.00	3067.47
1450.00	32.00	899.43	873.94	1367.35	1004.93
2750.00	37.00	4215.86	4724.71	4665.00	3917.71
		3367.96	2862.19	10335.00	6234.65
11050.00	439.00	5058.78	7893.28	51170.00	22605.00
17608.00	1150.00	17578.00	15472.27	38001.00	31778.47
4792.00	228.00	3137.93	2968.21	8057.12	5271.56
4188.00	399.00	6994.21	4574.38	37790.30	24850.00
2000.00	126.00	995.67	511.38	2897.00	2130.27
1400.00	49.00	1179.00	1070.27	2810.00	2281.75
450.00	24.30	946.00	883.63	3695.00	2146.49
2000.00	39.00	1297.00	1212.09	2767.00	2420.98
5418.00	307.00	2272.50	2409.73	10218.00	4217.76
1952.00	80.00	543.39	61.74	2113.52	468.52
770.00	102.00	252.20	201.66	246.17	136.26
200.00	27.00	245.00	248.05	515.78	340.78
9984.00	755.00	11700.92	20428.02	66772.38	28219.27
1988.00	104.00	2250.92	2269.15	5531.51	4788.74
		1144.54	853.23	3128.40	1350.58
2800.00	82.00	3951.00	2885.03	5916.00	1440.69
18713.00	863.00	16062.74	15926.21	48045.00	31260.64
2484.00	49.80	4440.60	1754.16	4342.00	2305.65
500.00	1.10	181.00	95.41	118.00	113.49
11.00	0.20	2.00	0.00	0.00	0.00
322.00		376.00	868.10	673.00	487.39
125.00	31.80	38.00	24.87	17.50	3.69
1552.00	79.00	1188.00	939.91	7900.00	5852.52
1500.00	117.40	4631.00	5647.72	12482.00	7780.22
<b>126978.00</b>	<b>101626.04</b>	<b>119816.35</b>	<b>118842.94</b>	<b>416906.41</b>	<b>241968.87</b>



**TABLE E-3**

**OUTLAY AND EXPENDITURE ON FISHERIES DEVELOPMENT UNDER STATE SECTOR SCHEMES, DURING ELEVENTH PLAN**

(₹ Lakhs)

Sl. No.	State/Union Territory	Annual Plan 2007-08		Annual Plan 2008-09	
		Outlay	Expenditure	Outlay	Expenditure
1	Andhra Pradesh	1034.36	1570.70	5104.36	2715.11
2	Arunachal Pradesh	252.00	278.00	178.00	332.45
3	Assam	1895.00	985.40	2987.00	2899.11
4	Bihar	400.00	629.95	550.00	363.77
5	Chattisgarh	596.65	573.26	513.28	1386.14
6	Goa	1258.18	1264.74	1310.50	1216.88
7	Gujarat	2500.00	2310.98	5000.00	4895.47
8	Haryana	470.00	446.77	820.00	1004.25
9	Himachal Pradesh	238.75	228.93	240.70	192.00
10	Jammu & Kashmir	700.00	857.51	750.00	891.67
11	Jharkhand	1505.00	1509.00	2000.00	1701.65
12	Karnataka	5980.00	1898.05	8196.00	4813.45
13	Kerala	5166.00	5243.23	9069.00	12189.54
14	Madhya Pradesh	800.00	666.52	1096.00	641.15
15	Maharashtra	3882.12	3729.00	4005.48	6646.00
16	Manipur	322.00	382.00	360.00	216.55
17	Meghalaya	450.00	348.38	500.00	565.27
18	Mizoram	300.00	313.46	400.00	454.22
19	Nagaland	342.00	422.00	475.00	674.73
20	Odisha	1515.00	729.21	1795.00	1292.24
21	Punjab	327.00	113.00	261.00	33.34
22	Rajasthan	85.00	59.63	38.92	22.25
23	Sikkim	70.00	70.00	75.00	100.00
24	Tamil Nadu	10314.36	7553.29	9474.10	7081.98
25	Tripura	1066.08	1051.62	1119.38	1291.79
26	Uttarakhand	754.38	348.17	998.54	389.82
27	Uttar Pradesh	1448.00	335.23	1660.00	330.72
28	West Bengal	4485.00	4700.40	7493.00	6659.14
29	A & N Islands	440.00	337.23	880.00	521.86
30	Chandigarh	41.00	51.56	54.00	50.14
31	Dadra & Nagar Haveli	0.00	0.00	0.00	0.00
32	Daman & Diu	71.00	82.19	80.00	101.86
33	Delhi	5.50	1.71	12.00	1.98
34	Lakshadweep	2051.00	1757.66	2394.00	1567.13
35	Puducherry	1253.00	1421.62	1338.00	1345.70
<b>TOTAL</b>		<b>52018.38</b>	<b>42270.40</b>	<b>71228.26</b>	<b>64589.36</b>

Source: Planning Commission

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

(₹ Lakhs)

Annual Plan 2009-10		Annual Plan 2010-11		Annual Plan 2011-12	Total XI th Plan	Total XI th Plan 2007-08 to 2010-11
Outlay	Expenditure	Outlay	Expenditure	Outlay	Outlay	Expenditure
1421.25	205.26	440.50	819.44	1140.50	9140.97	5310.51
300.00	495.00	728.00	733.00	429.00	1887.00	1838.45
2614.00	2611.70	2451.00	1490.11	4304.00	14251.00	7986.32
2832.50	2010.07	4459.75	1736.97	5586.00	13828.25	4740.76
1518.16	1437.32	2678.30	482.46	2841.00	8147.39	3879.18
1384.03	1306.61	1962.00	1337.75	2513.25	8427.96	5125.98
6000.00	5140.29	6700.00	4265.45	5729.81	25929.81	16612.19
900.00	852.87	810.00	763.58	720.00	3720.00	3067.47
247.90	288.00	309.00	296.00	331.00	1367.35	1004.93
850.00	849.92	1238.00	1318.61	1127.00	4665.00	3917.71
2200.00	1430.00	2080.00	1594.00	2550.00	10335.00	6234.65
9310.00	8511.82	10735.00	7381.68	16949.00	51170.00	22605.00
5000.00	7550.14	6500.00	6795.56	12266.00	38001.00	31778.47
1920.00	1132.84	2359.00	2831.05	1882.12	8057.12	5271.56
9028.00	6247.00	10003.00	8228.00	10871.70	37790.30	24850.00
360.00	713.72	870.00	818.00	985.00	2897.00	2130.27
760.00	664.31	300.00	703.79	800.00	2810.00	2281.75
600.00	653.81	1000.00	725.00	1395.00	3695.00	2146.49
500.00	634.25	690.00	690.00	760.00	2767.00	2420.98
1600.00	1025.33	2350.00	1170.98	2958.00	10218.00	4217.76
566.00	0.18	476.76	322.00	482.76	2113.52	468.52
35.65	28.81	37.40	25.57	49.20	246.17	136.26
70.78	70.78	100.00	100.00	200.00	515.78	340.78
10180.42	8494.00	11264.50	5090.00	25539.00	66772.38	28219.27
1415.58	1590.72	1134.03	854.61	796.44	5531.51	4788.74
439.71	353.70	434.65	258.89	501.12	3128.40	1350.58
999.00	310.70	885.00	464.04	924.00	5916.00	1440.69
9286.00	9338.62	13609.00	10562.48	13172.00	48045.00	31260.64
750.00	651.25	1250.00	795.31	1022.00	4342.00	2305.65
13.00	9.23	7.00	2.56	3.00	118.00	113.49
0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.00	176.37	157.00	126.97	208.00	673.00	487.39
0.00	0.00	0.00	0.00	0.00	17.50	3.69
1105.00	904.59	1300.00	1623.14	1050.00	7900.00	5852.52
2791.00	2403.33	3500.00	2609.57	3600.00	12482.00	7780.22
<b>77154.98</b>	<b>68092.54</b>	<b>92818.89</b>	<b>67016.57</b>	<b>123685.90</b>	<b>416906.41</b>	<b>241968.87</b>





**TABLE E-4** PROFILE OF PLAN SCHEMES FOR FISHERIES DEVELOPMENT  
ELEVENTH PLAN - 2007-12 & OUTLAYS OF 12TH PLAN

( ₹ Crores)

Sl. No.	Name of the Schemes/Institutes	Approved Outlay 11th Plan	Expenditure	Approved Outlay 12th Plan
1	2	3	4	5
1	Development of Inland Fisheries & Aquaculture	350.00	99.98	0.00
2	Development of Marine Fisheries, Infrastructure & Post Harvest Operations	300.00	307.07	0.00
3	National Scheme of Welfare of Fishermen	180.00	169.26	320.00
4	Strengthening of Database & Geographical Information System of the Fisheries Sector	25.00	28.89	65.00
5	Assistance to Fisheries Institutes	371.00	209.83	218.00
5.1	Central Institute for Fisheries Nautical & Engineering Training (CIFNET)	60.00	30.71	70.00
5.2	Central Institute for Coastal Engineering for Fisheries (CICEF)	1.00	0.33	0.00
5.3	National Institute for Fisheries Post Harvest Technology and Training (NIFPHATT)	10.00	8.72	14.00
5.4	Fishery Survey of India (FSI)	300.00	170.07	184.00
6	National Fisheries Development Board	1,550.00	397.20	1,880.00
<b>7</b>	<b>TOTAL</b>	<b>2,776.00</b>	<b>1,212.23</b>	<b>2,483.00</b>

Source: Plan Coordination unit of AHD&F



**SECTION : F**  
**FISHERY**  
**RESOURCES**



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

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

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

Source : Marine Fisheries Census 2010



**TABLE F-2**

**INLAND FISHERY RESOURCES BY STATES AND UNION TERRITORIES**

Sl. No.	State/UTs	Rivers & Canals (Kms.)	Reservoirs (Lakh Ha)	Tanks & Ponds (Lakh Ha)	Flood plain Lakes & Derelict Water (Lakh Ha)	Brackish Water (Lakh Ha)	Total Water Bodies (Lakh Ha)
1	Andhra Pradesh	11514	2.34000	5.17000	-	0.60000	8.11000
2	Arunachal Pradesh	2000	-	2.76000	0.42000	-	3.18000
3	Assam	4820	0.02000	0.23000	1.10000	-	1.35000
4	Bihar	3200	0.60000	0.95000	0.05000	-	1.60000
5	Chhattisgarh	3573	0.84000	0.63000	-	-	1.47000
6	Goa	250	0.03000	0.03000	-	Neg.	0.06000
7	Gujarat	3865	2.43000	0.71000	0.12000	1.00000	4.26000
8	Haryana	5000	Neg.	0.10000	0.10000	-	0.20000
9	Himachal Pradesh	3000	0.42000	0.01000	-	-	0.43000
10	Jammu & Kashmir	27781	0.07000	0.17000	0.06000	-	0.30000
11	Jharkhand	4200	0.94000	0.29000	-	-	1.23000
12	Karnataka	9000	4.40000	2.90000	-	0.10000	7.40000
13	Kerala	3092	0.30000	0.30000	2.43000	2.40000	5.43000
14	Madhya Pradesh	17088	2.27000	0.60000	-	-	2.87000
15	Maharashtra	16000	2.99000	0.72000	-	0.12000	3.83000
16	Manipur	3360	0.01000	0.05000	0.04000	-	0.10000
17	Meghalaya	5600	0.08000	0.02000	Neg	-	0.10000
18	Mizoram	1395	-	0.02000	-	-	0.02000
19	Nagaland	1600	0.17000	0.50000	Neg	-	0.67000
20	Odisha	4500	2.56000	1.23000	1.80000	4.30000	9.89000
21	Punjab	15270	Neg	0.07000	-	-	0.07000
22	Rajasthan	5290	1.20000	1.80000	-	-	3.00000
23	Sikkim	900	-	-	0.03000	-	0.03000
24	Tamil Nadu	7420	5.70000	0.56000	0.07000	0.60000	6.93000
25	Tripura	1200	0.05000	0.13000	-	-	0.18000
26	Uttarakhand	2686	0.20000	0.00600	0.00300	-	0.20900
27	Uttar Pradesh	28500	1.38000	1.61000	1.33000	-	4.32000
28	West Bengal	2526	0.17000	2.76000	0.42000	2.10000	5.45000
29	A and N Islands	-	0.00367	0.00160	-	0.33000	0.33527
30	Chandigarh	2	-	Neg	Neg	-	0.00000
31	Dadra and Nagar Haveli	54	0.05000	-	-	-	0.05000
32	Daman and Diu	12	-	Neg.	-	Neg.	0.00000
33	Delhi	150	0.04000	-	-	-	0.04000
34	Lakshadweep	-	-	-	-	-	0.00000
35	Puducherry	247	-	Neg	0.01000	Neg.	0.01000
<b>Total</b>		<b>195095</b>	<b>29.26367</b>	<b>24.32760</b>	<b>7.98300</b>	<b>11.55000</b>	<b>73.12427</b>

Neg.= Negligible

Source: State Govt/UT's

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

(million tonnes)

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

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





**SECTION : G**

**INTERNATIONAL  
COMPARISONS**







TABLE G-1

## CONTRIBUTION OF INDIA TO WORLD FISH PRODUCTION SELECTED YEARS

(in '000 tonnes)

Year	World Production			Contribution of India		
	Total	Marine	Inland	Total	Marine	Inland
1950	19313	17078	2235	740	530	210
1955	27964	24304	3660	840	597	243
1960	35540	31488	4052	1162	880	282
1965	49674	44549	5125	1331	824	507
1970	65381	59311	6070	1759	1086	673
1975	65467	58506	6961	2267	1481	786
1980	71944	64186	7758	2446	1551	895
1985	86280	75478	10802	2839	1734	1105
1990	97739	82568	15171	3800	2190	1610
1991	97410	82065	15345	4050	2353	1697
1992	100614	84353	16261	4240	2471	1769
1993	104392	86567	17825	4480	2487	1993
1994	112974	93270	19704	4777	2705	2072
1995	116747	94604	22143	4924	2657	2267
1996	120415	96283	24132	5207	2815	2392
1997	120406	95450	24956	5388	2883	2505
1998	114141	88276	25865	5282	2683	2599
1999	122317	94608	27709	5607	2777	2830
2000	125943	96879	29064	5609	2762	2847
2001	125362	95003	30359	5898	2804	3094
2002	127830	96165	31665	5926	2963	2963
2003	127199	93687	33512	6028	2960	3068
2004	134648	98771	35877	6190	2876	3314
2005	136776	98249	38527	6659	2870	3789
2006	137508	96426	41082	7026	3039	3987
2007	140685	97264	43421	6972	3088	3884
2008	143022	96778	46244	7951	3355	4596
2009	145735	97188	48547	7858	3290	4568
2010	147992	95867	52125	8475	3282	5193
2011	156195	101203	54992	8875	3269	5606

Source : FAO Fisheries and Aquaculture Statistics and Information Branch, 2013. Global production by production source 1950-2011

**Notes :**

- Fishery statistical data presented in the above table exclude the production for mammals, crocodiles, corals, sponges, pearls, mother - of - pearl and aquatic plants.
- Totals may not match due to rounding

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

Contribution of India to World Fish Production (Percent)			
Year	Total	Marine	Inland
1950	3.83	3.10	9.40
1955	3.00	2.46	6.64
1960	3.27	2.79	6.96
1965	2.68	1.85	9.89
1970	2.69	1.83	11.09
1975	3.46	2.53	11.29
1980	3.40	2.42	11.54
1985	3.29	2.30	10.23
1990	3.89	2.65	10.61
1991	4.16	2.87	11.06
1992	4.21	2.93	10.88
1993	4.29	2.87	11.18
1994	4.23	2.90	10.52
1995	4.22	2.81	10.24
1996	4.32	2.92	9.91
1997	4.47	3.02	10.04
1998	4.63	3.04	10.05
1999	4.58	2.94	10.21
2000	4.45	2.85	9.80
2001	4.70	2.95	10.19
2002	4.64	3.08	9.36
2003	4.74	3.16	9.15
2004	4.60	2.91	9.24
2005	4.87	2.92	9.83
2006	5.11	3.15	9.70
2007	4.96	3.17	8.94
2008	5.56	3.47	9.94
2009	5.39	3.39	9.41
2010	5.73	3.42	9.96
2011	5.68	3.23	10.19


**TABLE G-3 AVERAGE ANNUAL GROWTH RATE IN FISH PRODUCTION**

Period	Total	Rest of the World			India	
		Marine	Inland	Total	Marine	Inland
1950-55	7.87	7.45	11.03	2.57	2.41	2.99
1955-60	4.85	5.24	1.99	6.69	8.07	2.97
1960-65	7.05	7.39	4.14	2.77	-1.29	12.48
1965-70	5.65	5.90	3.17	5.72	5.66	5.82
1970-75	-0.13	-0.42	2.73	5.21	6.41	3.15
1975-80	1.92	1.89	2.14	1.52	0.92	2.63
1980-85	3.72	3.32	7.15	3.03	2.26	4.32
1985-90	2.40	1.74	6.94	6.00	4.78	7.81
1990-91	-0.62	-0.83	0.64	6.59	7.44	5.42
1991-92	3.23	2.72	6.18	4.68	5.00	4.24
1992-93	3.67	2.68	9.25	5.66	0.65	12.66
1993-94	8.29	7.71	11.37	6.65	8.76	4.00
1994-95	3.35	1.53	12.73	3.08	-1.77	9.40
1995-96	3.03	1.65	9.38	5.74	5.93	5.51
1996-97	-0.16	-0.96	3.27	3.48	2.44	4.70
1997-98	-5.36	-7.53	3.63	-1.96	-6.94	3.77
1998-99	7.21	7.29	6.93	6.15	3.52	8.88
1999-2000	3.11	2.49	5.38	0.04	-0.54	0.60
2000-01	-0.72	-2.04	4.00	5.15	1.49	8.69
2001-02	2.04	1.09	5.27	0.47	5.67	-4.24
2002-03	-0.60	-2.66	6.07	1.73	-0.08	3.54
2003-04	6.01	5.70	6.96	2.68	-2.85	8.03
2004-05	1.29	-0.54	6.68	7.58	-0.20	14.33
2005-06	0.28	-2.09	6.79	5.51	5.88	5.23
2006-07	2.48	0.84	6.58	-0.77	1.62	-2.59
2007-08	1.02	-0.80	5.34	14.04	8.63	18.34
2008-09	2.08	0.51	5.60	-1.15	-1.91	-0.60
2009-10	1.19	-1.40	6.71	7.84	-0.26	13.68
2010-11	5.59	5.78	5.23	4.72	-0.38	7.94

Source: Food and Agriculture Organisation (FAO)



**TABLE G-4 FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 2002-2011 ('000 TONNES)**

Sl.No.	Country	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	China	38315	39431	41032	42710	44488	46074	47522	49699	52151	54393
2	India	5925	6028	6190	6659	7026	6972	7950	7859	8475	8875
3	Indonesia	5237	5580	5650	5893	6094	6433	6690	6837	7685	8426
4	Peru	8777	6100	9627	9414	7046	7250	7438	6959	4350	8341
5	United States of America	5436	5485	5567	5407	5372	5294	4851	4703	4923	5550
6	Viet Nam	2506	2794	3139	3425	3684	4160	4599	4837	5086	5348
7	Russian Federation	3334	3390	3052	3312	3390	3581	3499	3943	4190	4384
8	Japan	5201	5505	5107	5059	5052	5048	5027	4878	4787	4318
9	Myanmar	1474	1596	1987	2217	2582	2840	3169	3545	3914	4150
10	Chile	4817	4179	5603	5052	4955	4599	4398	4247	3381	4018
11	Norway	3292	3133	3161	3054	2969	3222	3280	3486	3688	3420
12	Philippines	2473	2626	2724	2827	2942	3209	3302	3340	3356	3131
13	Bangladesh	1890	1998	2102	2216	2329	2440	2563	2886	3035	3125
14	Thailand	3797	3914	4100	4119	4053	3675	3204	3287	3097	2870
15	Korea	1991	2044	1986	2083	2272	2476	2430	2332	2209	2254
13	Mexico	1524	1442	1366	1453	1515	1615	1741	1770	1655	1703
17	Malaysia	1441	1454	1507	1390	1455	1564	1642	1731	1807	1666
18	Brazil	1003	985	1016	1008	1051	1072	1157	1241	1265	1433
19	Egypt	801	876	865	889	971	1008	1068	1093	1305	1362
20	Spain	1136	1157	1105	1073	1253	1101	1170	1187	1224	1265
21	Taiwan	1373	1487	1298	1322	1278	1490	1340	1056	1162	1218
22	Iceland	2138	1993	1743	1673	1335	1404	1289	1147	1066	1144
23	Canada	1236	1276	1318	1258	1251	1178	1103	1104	1097	1024
24	Morocco	963	920	920	1029	878	881	999	1167	1138	960
	<b>Total of the above Countries</b>	<b>106080</b>	<b>105393</b>	<b>112165</b>	<b>114542</b>	<b>115241</b>	<b>118586</b>	<b>121431</b>	<b>124334</b>	<b>126046</b>	<b>134378</b>
	<b>World Total</b>	<b>127830</b>	<b>127199</b>	<b>134648</b>	<b>136775</b>	<b>137508</b>	<b>140684</b>	<b>143021</b>	<b>145736</b>	<b>147992</b>	<b>156195</b>

Source: FAO Fisheries and Aquaculture Statistics and Information Branch, 2013, Global production by production source 1950-2011

**Notes:**

The countries or areas listed in the above table are the major fish producing countries in terms of total production, in inland and marine waters. Fishery statistical data presented in the above table exclude the production for mammals, crocodiles, corals, sponges, pearls, mother-of-pearls and aquatic plants. Totals may not match due to rounding.


**TABLE G-5 PERCENT SHARE OF MAJOR FISH PRODUCING COUNTRIES IN WORLD FISH PRODUCTION, 2002-2011**

Sl.No.	Country	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	China	29.97	31.00	30.47	31.23	32.35	32.75	33.23	34.10	35.24	34.82
2	India	4.64	4.74	4.60	4.87	5.11	4.96	5.56	5.39	5.73	5.68
3	Indonesia	4.10	4.39	4.20	4.31	4.43	4.57	4.68	4.69	5.19	5.39
4	Peru	6.87	4.80	7.15	6.88	5.12	5.15	5.20	4.78	2.94	5.34
5	United States of America	4.25	4.31	4.13	3.95	3.91	3.76	3.39	3.23	3.33	3.55
6	Viet Nam	1.96	2.20	2.33	2.50	2.68	2.96	3.22	3.32	3.44	3.42
7	Russian Federation	2.61	2.67	2.27	2.42	2.47	2.55	2.45	2.71	2.83	2.81
8	Japan	4.07	4.33	3.79	3.70	3.67	3.59	3.51	3.35	3.23	2.76
9	Myanmar	1.15	1.25	1.48	1.62	1.88	2.02	2.22	2.43	2.64	2.66
10	Chile	3.77	3.29	4.16	3.69	3.60	3.27	3.08	2.91	2.28	2.57
11	Norway	2.58	2.46	2.35	2.23	2.16	2.29	2.29	2.39	2.49	2.19
12	Philippines	1.93	2.06	2.02	2.07	2.14	2.28	2.31	2.29	2.27	2.00
13	Bangladesh	1.48	1.57	1.56	1.62	1.69	1.73	1.79	1.98	2.05	2.00
14	Thailand	2.97	3.08	3.04	3.01	2.95	2.61	2.24	2.26	2.09	1.84
15	Korea	1.56	1.61	1.47	1.52	1.65	1.76	1.70	1.60	1.49	1.44
16	Mexico	1.19	1.13	1.01	1.06	1.10	1.15	1.22	1.21	1.12	1.09
17	Malaysia	1.13	1.14	1.12	1.02	1.06	1.11	1.15	1.19	1.22	1.07
18	Brazil	0.78	0.77	0.75	0.74	0.76	0.76	0.81	0.85	0.85	0.92
19	Egypt	0.63	0.69	0.64	0.65	0.71	0.72	0.75	0.75	0.88	0.87
20	Spain	0.89	0.91	0.82	0.78	0.91	0.78	0.82	0.81	0.83	0.81
21	Taiwan	1.07	1.17	0.96	0.97	0.93	1.06	0.94	0.72	0.79	0.78
22	Iceland	1.67	1.57	1.29	1.22	0.97	1.00	0.90	0.79	0.72	0.73
23	Canada	0.97	1.00	0.98	0.92	0.91	0.84	0.77	0.76	0.74	0.66
24	Morocco	0.75	0.72	0.68	0.75	0.64	0.63	0.70	0.80	0.77	0.61
	<b>Total of the above Countries</b>	<b>82.99</b>	<b>82.86</b>	<b>83.30</b>	<b>83.74</b>	<b>83.81</b>	<b>84.29</b>	<b>84.90</b>	<b>85.31</b>	<b>85.17</b>	<b>86.03</b>
	<b>World Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

Source: Food and Agriculture Organisation (FAO)



**TABLE G-6 INLAND FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 2002-2011 ('000 TONNES)**

Sl.No.	Country	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	China	17098	18024	19057	20268	21540	22854	23907	25357	26802	28096
2	Peru	36	40	49	55	54	64	74	74	75	77
3	India	2963	3068	3314	3789	3987	3884	4596	4568	5193	5606
4	Indonesia	1207	1287	1366	1487	1582	1695	1963	2017	2595	3061
5	United States of America	392	410	399	385	361	379	351	325	325	265
6	Japan	114	112	107	97	83	81	73	83	80	74
7	Chile	4	4	5	11	12	3	3	29	37	42
8	Viet Nam	855	1046	1250	1490	1714	2113	2476	2573	2693	2861
9	Thailand	755	887	1086	1139	1236	1274	1257	1303	1208	1081
10	Russian Federation	310	299	288	333	314	356	332	360	378	369
11	Norway	1	0	0	1	1	1	1	1	1	1
12	Philippines	532	542	584	618	686	755	794	803	798	810
13	Myanmar	445	542	855	989	1206	1322	1485	1646	1824	1977
14	Bangladesh	1475	1566	1647	1741	1849	1953	2066	2283	2428	2578
15	Korea	19	21	36	23	24	27	30	30	32	32
16	Mexico	108	136	143	148	150	140	132	137	132	133
17	Malaysia	74	80	91	100	102	110	151	227	247	196
18	Iceland	2	2	2	1	1	2	3	3	3	3
19	Taiwan	273	288	264	247	228	245	234	209	211	217
20	Canada	50	44	46	50	46	45	41	42	36	33
21	Spain	42	41	37	33	33	34	30	26	25	24
22	Brazil	476	490	503	486	507	519	614	642	712	860
23	Egypt	669	759	754	782	851	877	931	965	1183	1240
24	Morocco	3	2	2	4	4	5	6	7	8	10
<b>Total of the above country</b>		<b>27903</b>	<b>29690</b>	<b>31885</b>	<b>34277</b>	<b>36571</b>	<b>38738</b>	<b>41550</b>	<b>43710</b>	<b>47026</b>	<b>49646</b>
<b>World Total</b>		<b>31665</b>	<b>33512</b>	<b>35877</b>	<b>38527</b>	<b>41082</b>	<b>43421</b>	<b>46244</b>	<b>48547</b>	<b>52125</b>	<b>54992</b>

Source:FAO Fisheries and Aquaculture Statistics and Information Branch. 2013, Global production by production source 1950-2011

**Notes:**

The countries or areas listed in the above table are the major fish producing countries in terms of total production, in inland and marine waters. Fishery statistical data presented in the above table exclude the production for mammals, crocodiles, corals, sponges, pearls, mother-of-pearls and aquatic plants. Totals may not match due to rounding.



**TABLE G-7 MARINE FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 2002-2011 ('000 TONNES)**

Sl.No.	Country	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	China	21218	21407	21975	22442	22948	23220	23615	24342	25349	26297
2	Peru	8741	6060	9577	9359	6992	7186	7364	6885	4275	8264
3	India	2963	2960	2876	2870	3039	3088	3355	3290	3282	3269
4	Indonesia	4030	4293	4285	4406	4512	4737	4727	4820	5090	5365
5	United States of America	5044	5075	5169	5022	5011	4915	4500	4378	4598	5285
6	Japan	5087	5394	5000	4962	4969	4967	4954	4795	4708	4244
7	Chile	4813	4175	5598	5041	4943	4596	4394	4218	3343	3976
8	Viet Nam	1651	1747	1889	1935	1970	2047	2122	2264	2393	2487
9	Thailand	3042	3027	3013	2980	2817	2402	1947	1984	1889	1789
10	Russian Federation	3024	3091	2764	2979	3076	3226	3167	3583	3812	4015
11	Norway	3291	3133	3161	3054	2968	3221	3279	3486	3687	3419
12	Philippines	1941	2084	2140	2209	2256	2454	2509	2537	2558	2321
13	Myanmar	1029	1054	1132	1229	1376	1518	1684	1899	2090	2173
14	Bangladesh	415	432	455	475	480	487	498	603	607	546
15	Korea	1972	2023	1951	2060	2248	2449	2400	2302	2176	2222
16	Mexico	1416	1306	1223	1305	1364	1474	1608	1632	1524	1570
17	Malaysia	1367	1374	1416	1290	1353	1454	1491	1504	1559	1470
18	Iceland	2136	1991	1741	1672	1334	1402	1286	1144	1063	1140
19	Taiwan	1100	1199	1034	1075	1050	1245	1106	848	951	1001
20	Canada	1185	1231	1271	1209	1205	1133	1062	1062	1061	991
21	Spain	1094	1116	1068	1039	1220	1067	1140	1161	1199	1241
22	Brazil	527	495	513	522	543	553	544	599	553	573
23	Egypt	133	117	111	107	120	131	136	128	121	122
24	Morocco	961	918	918	1025	874	876	993	1159	1129	950
	<b>Total of the above country</b>	<b>78180</b>	<b>75702</b>	<b>80280</b>	<b>80267</b>	<b>78668</b>	<b>79848</b>	<b>79881</b>	<b>80623</b>	<b>79017</b>	<b>84730</b>
	<b>World Total</b>	<b>96165</b>	<b>93687</b>	<b>98771</b>	<b>98249</b>	<b>96426</b>	<b>97264</b>	<b>96778</b>	<b>97188</b>	<b>95867</b>	<b>101203</b>

Source: FAO Fisheries and Aquaculture Statistics and Information Branch. 2013, Global production by production source 1950-2011

**Notes:**

The countries or areas listed in the above table are the major fish producing countries in terms of total production, in inland and marine waters. Fishery statistical data presented in the above table exclude the production for mammals, crocodiles, corals, sponges, pearls, mother-of-pearls and aquatic plants. Totals may not match due to rounding.





**TABLE G-8 INLAND CAPTURE FISHERIES OF INDIAN OCEAN BORDERING COUNTRIES, 2002-2011 (TONNES)**

Sl.No.	Country	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	Australia	156	303	317	501	335	1238	1275	1576	803	602
2	Bagladesh	688435	709333	732067	859269	956686	1006761	1060181	1218937	1119094	1054585
3	Egypt	292662	313742	282099	242100	256288	241743	237572	259577	263847	253051
4	Ethiopia	12300	9213	10005	9450	9890	13253	16770	17047	18058	24041
5	India	775599	757353	527290	843746	892639	823410	947358	923954	1444153	1060722
6	Indonesia	304989	308656	330879	297368	293921	310456	301033	295741	344902	368578
7	Iran	55853	50994	55825	67066	71405	74064	65862	71781	75145	75920
8	Iraq	11900	13200	10581	23570	46300	45460	29986	22259	12230	29894
9	Israel	1569	1064	1137	1396	1600	840	224	401	402	462
10	Jordan	350	350	350	350	350	350	350	350	350	350
11	Kenya	137792	113221	119093	140199	151729	124327	127097	128036	131943	174356
12	Madagascar	30000	30000	31500	32650	32750	32630	32630	32828	35500	30831
13	Malaysia	3450	3828	4119	4582	4165	4280	4353	4469	4545	5694
14	Mozambique	17500	19978	27760	22991	26017	24081	28386	44394	46818	72557
15	Myanmar	254880	290140	454260	503540	631120	717640	814740	899430	1002430	1163159
16	Pakistan	114030	92794	93687	94644	140000	100000	108000	112355	115348	118223
17	Reunion	2	2	2	1	2	1	0	0	0	0
18	Somalia	200	200	200	200	200	200	200	200	200	200
19	South Africa	900	900	900	900	900	900	900	900	900	900
20	Sri Lanka	25570	26920	30780	31560	35290	38380	44500	46560	52410	59560
21	Sudan	52000	54000	57500	53800	52000	59810	62900	66000	66000	66000
22	Tanzania	273856	301855	312040	320566	292519	380625	281691	288058	293043	290963
23	Thailand	198700	198447	203700	198730	214000	225600	228600	206856	209900	228500
		<b>3252693</b>	<b>3296493</b>	<b>3286091</b>	<b>3749179</b>	<b>4110106</b>	<b>4226049</b>	<b>4394608</b>	<b>4641709</b>	<b>5237421</b>	<b>5079148</b>

Source: FAO Fisheries and Aquaculture Statistics and Information Branch. 2013. Global production by production source 1950-2011

Notes: The countries or areas listed in the above table are the major fish producing countries in terms of total production, in inland and marine waters.



**SECTION : H**

**PRICE**

**INDICES**



**TABLE H****INDICES OF WHOLE SALE PRICES**

Year	Inland	Fish Marine	Canned Fish	Mutton	Food Articles	All Commodities
<b>Base 1993-94=100</b>						
1996	127.30	143.30	139.60	162.80	132.50	125.60
1997	150.80	186.60	139.60	179.80	140.30	131.30
1998	166.70	201.70	139.60	186.90	156.50	138.90
1999	182.30	186.50	153.30	189.40	163.20	143.80
2000	237.00	192.90	153.50	200.00	169.80	152.80
2001	245.70	193.60	153.80	194.00	174.30	160.70
2002	291.50	180.80	205.90	195.40	178.60	164.70
2003	258.40	206.50	246.60	201.40	181.00	173.40
2004	265.00	202.20	264.80	216.60	185.10	184.90
2005	318.30	202.30	272.00	225.00	192.40	193.70
2006	332.30	233.40	281.40	240.60	205.60	203.00
2007	299.40	274.50	291.70	255.90	220.00	212.80
2008	289.90	300.30	296.40	291.00	234.60	232.20
2009	389.70	298.90	419.40	345.20	264.20	237.10
<b>Base year 2004-05 = 100</b>						
2005	113.70	98.40	106.24	102.80	103.33	103.37
2006	112.50	118.60	112.30	115.58	112.25	109.59
2007	101.90	125.20	118.18	122.11	122.65	114.94
2008	101.00	139.20	117.78	136.87	131.56	124.92
2009	135.50	151.40	136.18	164.89	148.31	127.86
2010	186.70	212.80	135.53	184.56	174.56	140.08
2011	230.60	236.60	146.58	195.91	190.42	153.35
2012	291.40	275.20	158.49	215.26	206.52	164.92
2013	365.21	289.88	150.22	239.39	234.13	175.35

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





**SECTION : I**  
**LIST OF DISTRICTS**  
**STATES/ UT WISE**





TABLE I-1

CODE LIST OF STATES AND DISTRICTS

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

Source : Registrar General of India

Continued...





**TABLE I-1**

**CODE LIST OF STATES AND DISTRICTS**

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

Source : Registrar General of India

Continued...



TABLE I-1

CODE LIST OF STATES AND DISTRICTS

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

Source : Registrar General of India

Continued...



**TABLE I-1**

**CODE LIST OF STATES AND DISTRICTS**

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

Source : Registrar General of India

Continued...



TABLE I-1

CODE LIST OF STATES AND DISTRICTS

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

Source : Registrar General of India

Continued...



**TABLE I-1**

**CODE LIST OF STATES AND DISTRICTS**

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

Source : Registrar General of India

Continued...



TABLE I-1

CODE LIST OF STATES AND DISTRICTS

State Code	District Code	Name of the State/Union Territory and Districts	State Code	District Code	Name of the State/Union Territory and Districts
24	16	Kheda	27	25	Pune
24	17	Panch Mahals	27	26	Ahmadnagar
24	18	Dohad	27	27	Bid
24	19	Vadodara	27	28	Latur
24	20	Narmada	27	29	Osmanabad
24	21	Bharuch	27	30	Solapur
24	22	Surat	27	31	Satara
24	23	The Dangs	27	32	Ratnagiri
24	24	Navsari	27	33	Sindhudurg
24	25	Valsad	27	34	Kolhapur
24	26	Tapi	27	35	Sangli
<b>25</b>	<b>00</b>	<b>DAMAN &amp; DIU</b>	<b>28</b>	<b>00</b>	<b>ANDHRA PRADESH</b>
25	01	Diu	28	01	Adilabad
25	02	Daman	28	02	Nizamabad
<b>26</b>	<b>00</b>	<b>DADRA &amp; NAGAR HAVELI</b>	28	03	Karimnagar
26	01	Dadra & Nagar Haveli	28	04	Medak
<b>27</b>	<b>00</b>	<b>MAHARASHTRA</b>	28	05	Hyderabad
27	01	Nandurbar	28	06	Rangareddi
27	02	Dhule	28	07	Mahbubnagar
27	03	Jalgaon	28	08	Nalgonda
27	04	Buldana	28	09	Warangal
27	05	Akola	28	10	Khammam
27	06	Washim	28	11	Srikakulam
27	07	Amravati	28	12	Vizianagaram
27	08	Wardha	28	13	Visakhapatnam
27	09	Nagpur	28	14	East Godavari
27	10	Bhandara	28	15	West Godavari
27	11	Gondiya	28	16	Krishna
27	12	Gadchiroli	28	17	Guntur
27	13	Chandrapur	28	18	Prakasam
27	14	Yavatmal	28	19	Sri Potti Sriramullu Nellore
27	15	Nanded	28	20	Y.S.R.
27	16	Hingoli	28	21	Kurnool
27	17	Parbhani	28	22	Anantapur
27	18	Jalna	28	23	Chittoor
27	19	Aurangabad	<b>29</b>	<b>00</b>	<b>KARNATAKA</b>
27	20	Nashik	29	01	Belgaum
27	21	Thane	29	02	Bagalkot
27	22	Mumbai (Suburban)	29	03	Bijapur
27	23	Mumbai	29	04	Gulbarga
27	24	Raigarh	29	05	Bidar

Source : Registrar General of India

Continued...



**TABLE I-1**

**CODE LIST OF STATES AND DISTRICTS**

State Code	District Code	Name of the State/Union Territory and Districts	State Code	District Code	Name of the State/Union Territory and Districts
29	06	Raichur	<b>33</b>	<b>00</b>	<b>TAMIL NADU</b>
29	07	Koppal	33	01	Thiruvallur
29	08	Gadag	33	02	Chennai
29	09	Dharwad	33	03	Kancheepuram
29	10	Uttara Kannada	33	04	Vellore
29	11	Haveri	33	05	Dharmapuri
29	12	Bellary	33	06	Tiruvannamalai
29	13	Chitradurga	33	07	Viluppuram
29	14	Davangere	33	08	Salem
29	15	Shimoga	33	09	Namakkal
29	16	Udupi	33	10	Erode
29	17	Chikmagalur	33	11	The Nilgiris
29	18	Tumkur	33	12	Coimbatore
29	19	Kolar	33	13	Dindigul
29	20	Bangalore	33	14	Karur
29	21	Bangalore Rural	33	15	Tiruchirappalli
29	22	Mandya	33	16	Perambalur
29	23	Hassan	33	17	Ariyalur
29	24	Dakshina Kannada	33	18	Cuddalore
29	25	Kodagu	33	19	Nagapattinam
29	26	Mysore	33	20	Thiruvallur
29	27	Chamrajnagar	33	21	Thanjavur
29	28	Yadgir	33	22	Pudukkottai
29	29	Chikkballapura	33	23	Sivaganga
29	30	Ramanagara	33	24	Madurai
<b>30</b>	<b>00</b>	<b>GOA</b>	33	25	Theni
30	01	North Goa	33	26	Virudhunagar
30	02	South Goa	33	27	Ramanathapuram
<b>31</b>	<b>00</b>	<b>LAKSHADWEEP</b>	33	28	Thoothukkudi
31	01	Lakshadweep	33	29	Tirunelveli
<b>32</b>	<b>00</b>	<b>KERALA</b>	33	30	Kanniyakumari
32	01	Kasaragod	33	31	Krishnagire
32	02	Kannur	33	32	Tiruppur
32	03	Wayanad	<b>34</b>	<b>00</b>	<b>PUDUCHERRY</b>
32	04	Kozhikode	34	01	Yanam
32	05	Malappuram	34	02	Pondicherry
32	06	Palakkad	34	03	Mahe
32	07	Thrissur	34	04	Karaikal
32	08	Ernakulam	<b>35</b>	<b>00</b>	<b>A &amp; N ISLANDS</b>
32	09	Idukki	35	01	Nicobars
32	10	Kottayam	35	02	North & Middle Andaman
32	11	Alappuzha	35	02	Andamans
32	12	Pathanamthitta			
32	13	Kollam			
32	14	Thiruvananthapuram			

Source : Registrar General of India



**SECTION : J**

**MISCELLANEOUS**







**TABLE J-1 FISHERMEN POPULATION, 2003**

Sl.No.	State Name	Total Number of members						Full Time			Part Time			Others		Total
		Male	Female	Children	Total	Male	Female	Total	Male	Female	Total	Male	Female	Male	Female	
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	390390	66120	39568	105688	42746	23676	66422	48814	12282	61096		
4	Bihar	1391166	1266997	2301353	4959516	25503	11576	37079	43347	14942	58289	32234	14488	46702		
5	Chhattisgarh	621607	529697	760064	1911368	4828	2805	7633	32905	13719	46624	18201	12206	30407		
6	Goa	5521	4863	3586	13970	1844	355	2199	1116	566	1682	923	1477	2400		
7	Gujarat	134475	129900	228880	493255	77653	6024	83677	26601	10383	36984	18479	33219	51698		
8	Haryana	5910	3322	7259	16491	2527	174	2701	1002	433	1435	108306	415	108721		
9	Himachal Pradesh	1537	1372	2713	5622	421	207	628	547	27	574	554	4	558		
10	Jammu & Kashmir	9628	7593	13232	30453	2876	467	3343	1244	717	1961	3480	1732	5212		
11	Jharkhand	577908	571584	781428	1930920	4329	914	5243	17100	4341	21441	18362	3913	22275		
12	Karnataka	55809	52898	50245	158952	13640	770	14410	8669	1207	9876	40948	13805	54753		
13	Kerala	224007	317758	206072	747837	110953	3803	114756	26515	6213	32728	36599	39027	75626		
14	Madhya Pradesh	213888	200607	302479	716974	4699	751	5450	13743	4125	17868	8245	2776	11021		
15	Maharashtra	63354	46603	61873	171830	14587	5019	19606	38280	11397	49677	40029	9101	49130		
16	Manipur	25009	24091	21368	70468	2516	451	2967	2003	2090	4093	2225	2957	5182		
17	Meghalaya	525	504	1354	2383	2	0	2	346	148	494	0	2	2		
18	Mizoram	5498	5312	7097	17907	116	29	145	1150	201	1351	1163	440	1603		
19	Nagaland	5762	5519	3581	14862	43	0	43	0	0	0	0	0	0		
20	Odisha	70971	48334	60721	180026	27331	7973	35304	26322	12499	38821	40784	20547	61331		
21	Punjab	2150	1874	5061	9085	1528	28	1556	898	386	1284	3001	718	3719		
22	Rajasthan	2638	1693	2985	7316	654	21	675	881	93	974	1060	124	1184		
23	Sikkim	9893	8353	8568	26814	536	609	1145	87	207	294	182	0	182		
24	Tamilnadu	171992	156107	148519	476618	63232	6111	69343	35280	7790	43070	50140	33071	83211		
25	Tripura	15966	13177	17590	46733	2934	541	3475	145	5424	5569	6160	2488	8648		
26	Uttar Pradesh	70373	48892	59799	179064	11316	3148	14464	12718	3100	15818	10571	6794	17365		
27	Uttarakhand	32	23	35	90	43	9	52	109	73	182	103	23	126		
28	West Bengal	587214	205198	119210	911622	267944	0	267944	446517	0	446517	364618	0	364618		
29	Andaman & Nicobar	9859	7693	0	17552	2630	0	2630	7191	0	7191	746	429	1175		
30	Chandigarh	198	109	172	479	168	18	186	97	44	141	344	7	351		
31	Dadra & Nagar Haveli	0	0	0	0	0	0	0	0	0	0	0	0	0		
32	Daman & Diu	7649	7756	10080	25485	4104	22	4126	895	481	1376	291	1341	1632		
33	Delhi	485	475	1555	2515	253	0	253	262	8	270	184	0	184		
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		
<b>Total</b>		<b>4696158</b>	<b>4033963</b>	<b>5755233</b>	<b>14485354</b>	<b>814951</b>	<b>118173</b>	<b>933124</b>	<b>919776</b>	<b>152303</b>	<b>1072079</b>	<b>1017015</b>	<b>367467</b>	<b>1384482</b>		

Source: 17th Live Stock Census 2003

**TABLE J-2****FISHING CRAFTS - COASTAL STATES  
AND UNION TERRITORIES, 2010**

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

Source: Marine Fisheries Census 2010

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

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

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

NA : Not Available

\*\* : No BFDA Sanctioned

**TABLE J- 4****DETAILS OF BRACKISHWATER AREA, AREA DEVELOPED FOR  
AQUACULTURE, AREA UNDER CULTURE AND PRODUCTION  
AS ON 31.03.2013**

Sl. No.	State/Union Territory	Estimated Potential (Ha)	Area Developed (Ha)	Area under (Ha)	Production (MT)	Productivity (MT/Ha)
1	Andhra Pradesh	150000	84951	36123	159083	4.40
2	Goa	18500	340	31	63	2.03
3	Gujarat	376000	2371	2359	9393	3.98
4	Kerala	65000	14875	12917	5175	0.40
5	Karnataka	8000	1945	394	664	1.69
6	Maharashtra	80000	1330	1486	3513	2.36
7	Odisha	31600	13400	6302	14532	2.31
8	Tamil Nadu & Puducherry	56800	6248	7804	25815	3.31
9	West Bengal	405000	50405	48410	52581	1.09
<b>Total</b>		<b>1190900</b>	<b>175865</b>	<b>115826</b>	<b>270819</b>	<b>2.34</b>

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


**TABLE J-5 MONTHLY PER CAPITA CONSUMPTION OF FISH & PRAWN (QUANTITY) BY STATE/UNION TERRITORY**

Sl. No.	State/Union Territory	Consumption	Per capita Qty Consumed (Kg) / value (₹)		No. of households per 1000 households reporting consumption	
			Rural	Urban	Rural	Urban
1	2	3	4	5	6	7
1	<b>Andhra Pradesh</b>	Qty. Value	0.197 12.30	0.131 9.31	191	136
2	<b>Arunachal Pradesh</b>	Qty. Value	0.704 80.45	0.779 94.60	558	631
3	<b>Assam</b>	Qty. Value	0.686 67.18	0.991 118.54	896	875
4	<b>Bihar</b>	Qty. Value	0.247 18.21	0.195 15.69	344	241
5	<b>Goa</b>	Qty. Value	2.071 182.34	1.750 196.24	994	893
6	<b>Gujarat</b>	Qty. Value	0.035 2.31	0.026 2.28	39	37
7	<b>Haryana</b>	Qty. Value	0.002 0.17	0.012 0.88	4	11
8	<b>Himachal Pradesh</b>	Qty. Value	0.005 0.44	0.001 0.05	5	0
9	<b>Jammu &amp; Kashmir</b>	Qty. Value	0.058 7.63	0.029 3.14	54	28
10	<b>Karnataka</b>	Qty. Value	0.118 17.15	0.108 8.26	111	84
11	<b>Kerala</b>	Qty. Value	2.117 104.46	1.958 109.28	884	817
12	<b>Madhya Pradesh</b>	Qty. Value	0.088 5.76	0.043 3.87	112	55
13	<b>Maharashtra</b>	Qty. Value	0.092 7.72	0.108 14.11	131	153
14	<b>Manipur</b>	Qty. Value	0.342 40.07	0.509 59.15	692	906
15	<b>Meghalaya</b>	Qty. Value	0.343 37.40	0.421 45.63	654	640
16	<b>Mizoram</b>	Qty. Value	0.200 26.33	0.223 28.68	252	260
17	<b>Nagaland</b>	Qty. Value	0.351 35.31	0.562 48.35	364	435
18	<b>Odisha</b>	Qty. Value	0.417 28.13	0.441 34.03	540	514



**TABLE J-5 MONTHLY PER CAPITA CONSUMPTION OF FISH & PRAWN (QUANTITY) BY STATE/UNION TERRITORY**

Sl. No.	State/Union Territory	Consumption	Per capita Qty Consumed (Kg) / value (₹)		No. of households per 1000 households reporting consumption	
			Rural	Urban	Rural	Urban
1	2	3	4	5	6	7
19	<b>Punjab</b>	Qty. Value	0.001 0.12	0.028 2.87	2	41
20	<b>Rajasthan</b>	Qty. Value	0.011 0.88	0.011 0.85	9	15
21	<b>Sikkim</b>	Qty. Value	0.038 4.17	0.177 18.30	66	193
22	<b>Tamil Nadu</b>	Qty. Value	0.233 16.64	0.233 17.85	277	249
23	<b>Tripura</b>	Qty. Value	1.177 120.70	1.488 175.22	976	938
24	<b>Uttar Pradesh</b>	Qty. Value	0.075 5.31	0.036 2.93	104	43
25	<b>West Bengal</b>	Qty. Value	0.813 61.25	1.082 111.40	879	844
26	<b>A and N Islands</b>	Qty. Value	1.353 80.96	1.200 78.64	851	815
27	<b>Chandigarh</b>	Qty. Value	0.000 0.00	0.017 1.58	0	20
28	<b>Dadra and Nagar Haveli</b>	Qty. Value	0.381 18.60	0.229 13.01	714	396
29	<b>Daman and Diu</b>	Qty. Value	0.328 20.81	0.709 43.89	230	563
30	<b>Delhi</b>	Qty. Value	0.157 15.73	0.015 1.64	96	17
31	<b>Lakshadweep</b>	Qty. Value	4.367 262.30	4.117 288.58	882	779
32	<b>Puducherry</b>	Qty. Value	0.648 57.73	0.947 85.03	710	710
33	<b>Chattisgarh</b>	Qty. Value	0.142 9.62	0.100 7.50	156	106
34	<b>Jharkhand</b>	Qty. Value	0.191 13.11	0.209 24.88	212	283
35	<b>Uttarakhand</b>	Qty. Value	0.027 1.97	0.028 2.94	27	36
	<b>All India</b>	<b>Qty. Value</b>	<b>0.269 18.81</b>	<b>0.238 20.74</b>	<b>282</b>	<b>209</b>

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



TABLE J-6

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

(₹ Crore)

Year	Total GDP	GDP from Agriculture, Forestry & Fishing	GDP from Fisheries	GDP from fisheries as % of	
				Total GDP	GDP from Agriculture, Forestry & Fishing
1	2	3	4	5	6
1990-91	531814	154350	4547	0.85	2.95
1991-92	613528	180313	5161	0.84	2.86
1992-93	703723	202219	6452	0.92	3.19
1993-94	817961	234566	8094	0.99	3.45
1994-95	955386	270107	9932	1.04	3.68
1995-96	1118586	293701	11104	0.99	3.78
1996-97	1301788	353142	13160	1.01	3.73
1997-98	1447613	374744	16256	1.12	4.34
1998-99	1668739	430384	17010	1.02	3.95
1999-00	1847273	455302	18595	1.01	4.08
2000-01	1991982	460608	20948	1.05	4.55
2001-02	2167745	498620	22818	1.05	4.58
2002-03	2338200	485080	25027	1.07	5.16
2003-04	2622216	544667	26448	1.01	4.86
2004-05	2971464	565426	27152	0.91	4.80
2005-06	3390503	637772	31699	0.93	4.97
2006-07	3953276	722984	35182	0.89	4.87
2007-08	4582086	836518	38931	0.85	4.65
2008-09	5303567	943204	44073	0.83	4.67
2009-10	6108903	1083514	50370	0.82	4.65
2010-11	7248860	1319686	57271	0.79	4.34
2011-12	8391691	1499098	66862	0.80	4.46
2012-13	9388876	1644926	78053	0.83	4.75

Source : Central Statistics Office





**TABLE J-7**

**ACHIEVEMENT OF FISH FARMERS DEVELOPMENT AGENCIES TILL 2011-12**

Sl. No.	States/UTs	No. of FFDAs	Water area covered (ha)	Fish Farmers trained (Nos.)	No. of beneficiaries	Average (Kg/ha/Yr)
1	2	3	4	5	6	7
1	Andhra Pradesh	22	4405	11927	6950	3740
2	Arunachal Pradesh	2	2373	6865	11371	1200
3	Assam	23	5242	27871	19221	2200
4	Bihar	33	25786	35362	38862	2400
5	Chattisgarh	7	14013	11440	32682	2550
6	Goa	1	400	2712	0	250
7	Gujarat	21	81971	36128	21684	764
8	Haryana	18	21550	20826	23561	4370
9	Himachal Pradesh	2	939	7024	3573	2700
10	J & K	2	9223	6295	4968	3000
11	Jharkhand	16	9467	19210	41315	2314
12	Karnataka	18	62225	17771	12257	1313
13	Kerala	14	32433	48669	118944	3000
14	Madhya Pradesh	38	91888	50727	112129	1283
15	Maharashtra	29	36905	23117	64585	1712
16	Manipur	8	4974	8098	15507	2500
17	Meghalaya	2	798	2067	2067	1500
18	Mizoram	5	2754	20136	12849	2000
19	Nagaland	8	7259	4715	23044	1900
20	Odisha	30	42321	53472	148584	2840
21	Punjab	17	20497	32749	25189	6094
22	Rajasthan	15	12313	15028	10227	1509
23	Sikkim	1	300	1506	1819	3500
24	Tamil Nadu	17	21816	7938	14145	2583
25	Tripura	4	12589	120248	54993	1966
26	Uttarakhand	3	310	1918	2677	3000
27	Uttar Pradesh	53	149595	155404	153422	3270
28	West Bengal	18	129668	209138	407551	4400
29	Puducherry	2	436	1027	738	5600
<b>Total</b>		<b>429</b>	<b>804450</b>	<b>959388</b>	<b>1384914</b>	<b>2900</b>

Source: State Govt. and UT's

**TABLE J-8**
**STRUCTURE OF FUNCTIONAL FISHERIES COOPERATIVES NATIONAL LEVEL COOPERATIVE FEDERATION (NATIONAL FEDERATION OF FISHERMEN'S COOPERATIVES LTD.) STATE-WISE POSITION, 2012-13**

Sl. No.	States/UTs	Number of Non-Functional Federation	Number of District Society	Number of Non-Functional Society	Number of Non-Functional Society	Primary Societies	Membership	
1	2	3	4	5	6 (2+3+4+5)	7	8	
1	Andhra Pradesh	1	0	22	0	23	5722	489518
2	Arunachal Pradesh	0	0	0	0	0	11	230
3	Assam	1	0	0	0	1	272	43845
4	Bihar	2	0	0	8	10	62	13824
5	Chhatisgarh	1	0	3	0	4	765	26154
6	Goa	0	1	0	0	1	20	1503
7	Gujarat	1	0	2	0	3	263	26045
8	Haryana	0	0	1	0	1	-	-
9	Himachal Pradesh	0	0	0	0	0	42	5837
10	J & K	0	0	0	0	0	1	9
11	Jharkhand	1	0	0	0	1	293	18621
12	Karnataka	1	0	2	0	3	420	204689
13	Kerala	1	0	0	0	1	386	348466
14	Madhya Pradesh	1	0	0	0	1	596	25496
15	Maharashtra	2	0	36	3	41	2830	256667
16	Manipur	1	0	3	0	4	240	18433
17	Meghalaya	0	0	0	0	0	18	611
18	Mizoram	1	0	0	0	1	47	1656
19	Nagaland	0	0	0	0	0	267	9234
20	Odisha	1	0	2	0	3	475	91266
21	Rajasthan	0	0	1	0	1	34	4130
22	Sikkim	0	0	0	0	0	1	150
23	Tamil Nadu	1	0	11	0	12	808	396578
24	Tripura	1	0	0	0	1	79	14812
25	Uttarakhand	0	0	0	0	0	13	634
26	Uttar Pradesh	1	0	9	9	19	478	30004
27	West Bengal	1	0	20	0	21	475	92759
28	A & Nicobar	1	0	0	0	1	41	1361
29	Daman & Diu	0	0	0	0	0	6	2910
30	Lakshadweep	0	0	0	0	0	3	1298
31	Puducherry	1	0	1	0	2	63	54556
32	Punjab	0	0	1	0	1	-	-
<b>Total</b>		<b>21</b>	<b>1</b>	<b>114</b>	<b>20</b>	<b>156</b>	<b>14731</b>	<b>2181296</b>

Source: FISHCOPFED



**TABLE J-9**

**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, Guntoor, Prakasham, Nellore, Warangal, Adilabad, Anantpur, Cuddapah and Rangareddy
Arunachal Pradesh	2	Regional 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.
Jharkhand	16	Ranchi, Hazaribagh, Gumla, Dhanbad, Giridih, Godda, Dumka, Palamu, Lohardaga, Bokaro, Chatra, Deoghar, Gadhwa, 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, Gadchirolli, Pune, Satara, Sangli, Thane, Sholapur, Kolhapur, Aurangabad, Parbhani, Latur, Beed, Amravati, Buldhana, Akola, Ratnagiri, Kulaba, Bombay, Nandiad, Jalgaon, Ahmednagar, Nasik, Jalna, Usmanabad, Vardha, Dhulia
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

Continued

**TABLE J-9****LIST OF SANCTIONED FISH FARMERS  
DEVELOPMENT AGENCIES (FFDAs)**

State/Union Territory	No. of FFDAs	Name of the Districts / Regions where FFDAs are set up
Chhattisgarh	7	Raipur, Durg, Rajanandgaon, Bilaspur, Raigarh, Jagdalpur (bastar), Sarguja (Ambikapur)
Manipur	8	Central Manipur, South Manipur, Bishanpur, Ukhrul, Tamenglong, Chandel, 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
Odisha	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, Trichurapalli, Dharmapuri, Changanpattu, Kamarajar, Anna, Tirunelveli, North Arkot, Kanyakumari, Madras, Pudukkottai, Posumpam-Mutthuramalingam, Kattabomman and Chidambaranar
Tripura	4	West Tripura, South Tripura, North Tripura and Dhala
Uttar Pradesh	53	Allahabad, Kanpur, Fatehpur, Varanasi, Jaunpur, Balia, Gazipur, Mirzapur, Basti, Gorakhpur, Deoria, Azamgarh, Lucknow, Unnao, Banda, Gonda, Raibareilly, Moradabad, Sitapur, Hardoi, Lakhimpur-Kheri, Faizabad, Sultanpur, Pratapgarh, Barabanki, Bahraich, Meerut, Badaun, Etah, Aligarh, Jalaun, Etawah, Agra, Farukhabad, Mainpuri, Muzzaffarnagar, Bulandshahar, Saharanpur, Gaziabad, Jhansi, Lalitpur, Hamirpur, Bareilly, Shahjahanpur, Pilibhit, Rampur, Bijnaur, Mathura, Firozabad, Sidharthnagar, Mau, Sonabhadra, Maharajgarh,
Uttarakhand	3	Hardwar, Dehradoun (Regional FFDA for Garhwal Division) and Nainital (Regional FFDA for Kumaon Division)
West Bengal	18	Bankura, Nadia, Hawrah, West Dinajpur, Hooghly, Birbhum, Darjeeling, North 24-Paraganas, Malda, Murshidabad, Cooch-Behar, Jalpaiguri, Burdwan, Midnapur, Purulia, 24-Paraganas (South), Siliguri Sub-Division of Darjeeling District and Uttar Dinajpur
Puducherry	2	Regional FFDAs at Karaikal and Pondicherry
<b>Total of all State</b>	<b>429</b>	

**TABLE J-10****DETAILS OF BRACKISHWATER FISH FARMERS  
DEVELOPMENT AGENCIES (BFFDAs)**

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

**TABLE J-11.1****CENTRAL ASSISTANCE EXTENDED FOR SETTING UP OF FISH MARKETING UNITS DURING THE TENTH PLAN**

(₹ in lakh)

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

**TABLE J-11.2****DETAILS OF THE PROJECTS APPROVED FOR SETTING UP POST HARVEST INFRASTRUCTURE FACILITIES UNDER SPONSORED SCHEME DURING THE ELEVENTH PLAN**

(₹ in lakh)

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



**TABLE J-12** NUMBER AND LOCATION OF FISHERMEN AWARENESS CENTRES AND TRAINING CENTRES SANCTIONED DURING 1997-98 TO TILL DATE

Sl. No.	States/UTs	Awareness Centres		Training Centres	
		Number	Location	Number	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	Goa	1	Keri Satari	1	Ela Dhamji
7	Gujarat	1	Ahmedabad		
8	Haryana	1	Gurgaon		
9	Himachal Pradesh			1	Pattrikhuki
10	Jammu & Kashmir	1	Bagh-e-Bahu	1	Manasbai
11	Jharkhand			1	Ranchi
12	Karnataka	1	Mangalore	3	Bellary Mysore Mangalore
13	Kerala	1	Kannur	1	Pallom
14	Madhya Pradesh			5	Nowgang Bhopal Gwalior Satna Seoni
15	Maharashtra	1	Ratnagiri	1	Thoubal
16	Manipur	1	Imphal (W)	2	Lamphel Imphal (W)
17	Meghalaya			1	Tura
18	Mizoram			3	Lengpui Lunglei saiha
19	Nagaland	1	Dimapur	4	Kohima Tuensang Mokokchung Wokha

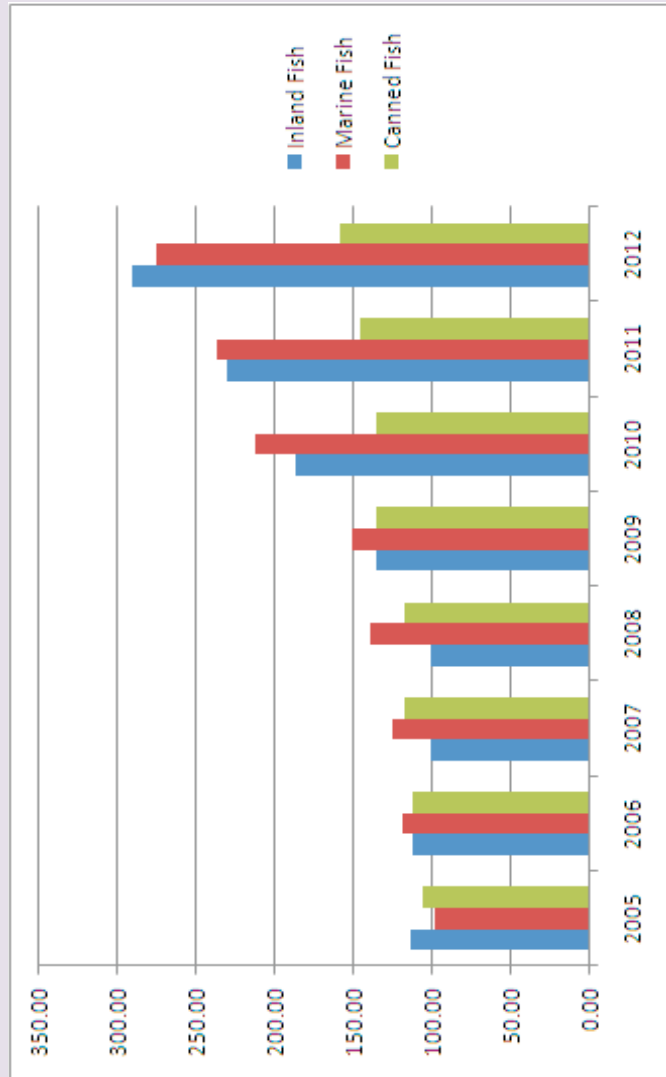

**TABLE J-12** NUMBER AND LOCATION OF FISHERMEN AWARENESS CENTRES AND TRAINING CENTRES SANCTIONED DURING 1997-98 TO TILL DATE

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





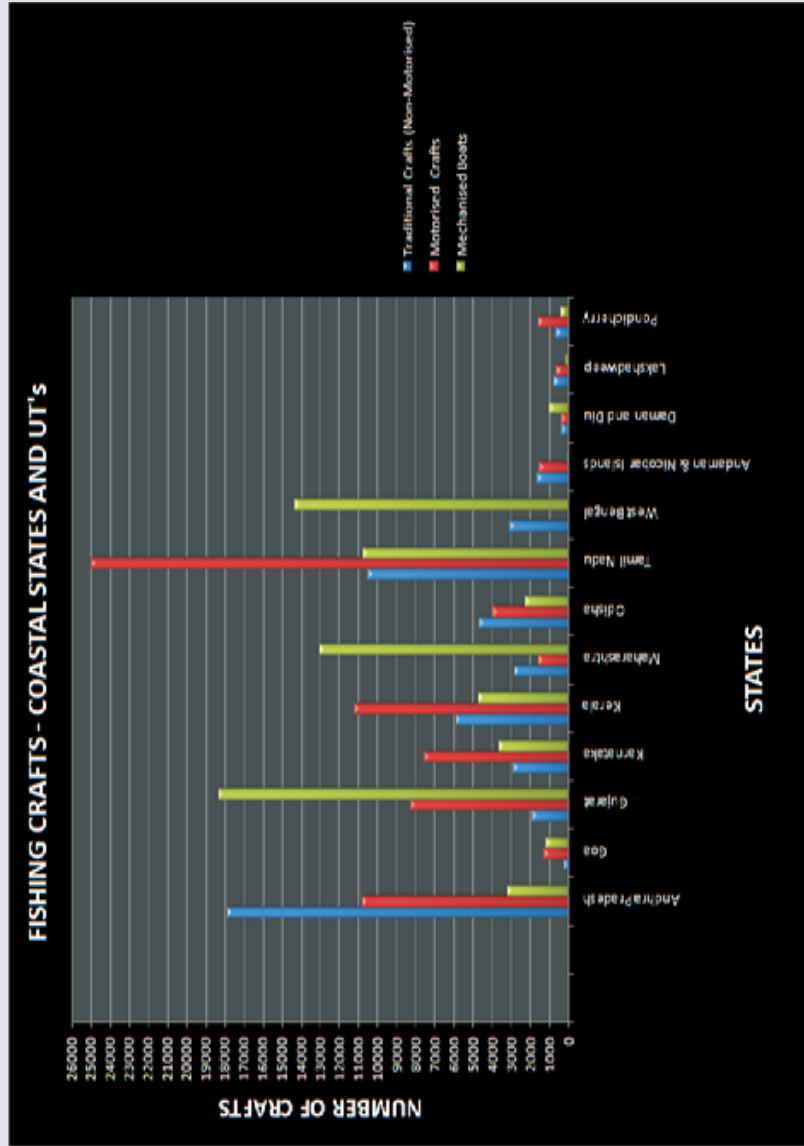
**CHART 9:**  
**INDEX OF WHOLE FISH PRICE**  
**WITH BASE YEAR 2004-05 = 100**





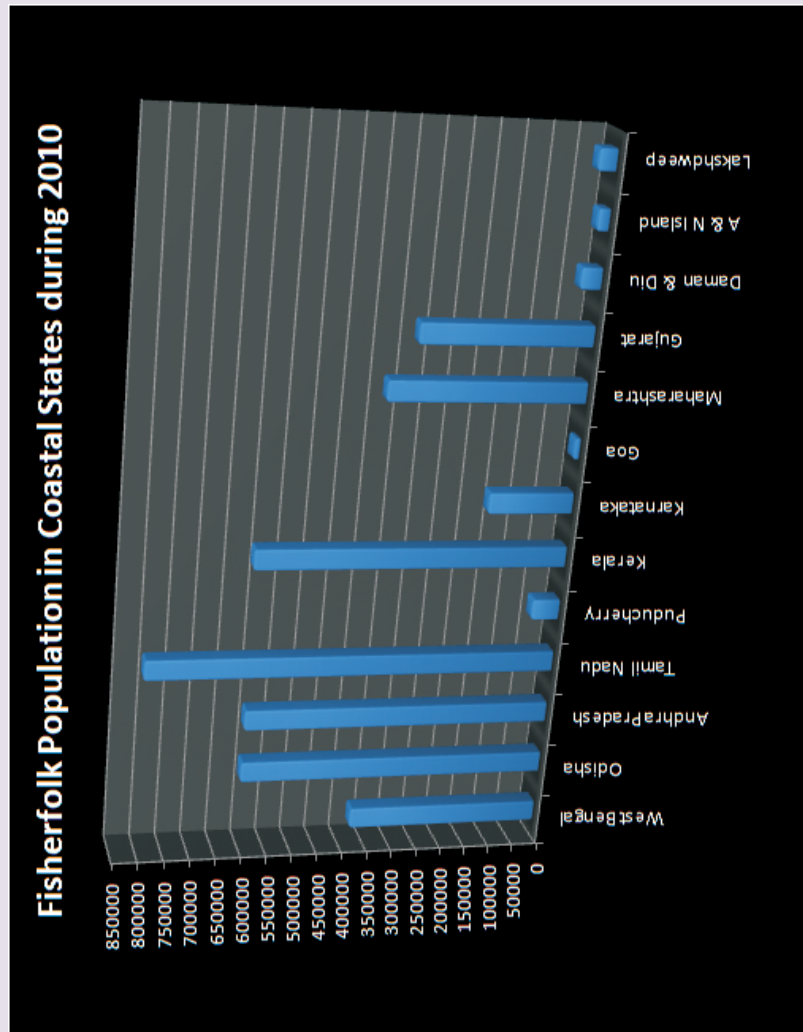
**FISHING CRAFTS- COASTAL STATES**

**CHART 10:**





**CHART 11:** FISHERFOLK POPULATION IN COASTAL STATES DURING 2010





**SECTION : K**

**FISHERIES  
DEVELOPMENT**





## NOTE ON THE FISHERIES SECTOR IN THE COUNTRY

### 1. INTRODUCTION

India is the second largest producer of fish in the world contributing to 5.68% of global fish production. India is also a major producer of fish through aquaculture and ranks second in the world after China. Fisheries sector occupies a very important place in the socio-economic development of the country. It has been recognized as a powerful income and employment generator as it stimulates growth of a number of subsidiary industries, and is a source of cheap and nutritious food besides being a foreign exchange earner. Most importantly, it is the source of livelihood for a large section of economically backward population of the country.

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

The total fish production during 2013-14(P) is at 9.58 million metric tonnes with a contribution of 6.14 million metric tonnes from inland sector and 3.44 million metric tonnes from marine sector respectively. The overall growth in fish production in 2013-14 has been 5.9%, which has been mainly due to 7.3% growth in inland fish production. The growth in marine fish production has been 3.7%.

There has been steady growth in the export of fish and fish products over the period. Efforts are being made to boost the export potential through diversification of products for export. During 2013-14 the volume of fish and fish products exported was 9,83,756 tonnes worth Rs. 30213.26 crores.

### 2. FISHERY RESOURCE

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

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



### 3. SCHEMES RELATING TO DEVELOPMENT OF FISHERIES SECTOR

A sum of ₹ 2776 crore was earmarked for Centrally Sponsored/Central Sector Schemes during 11<sup>th</sup> plan period. Actual BE allocated for whole plan in the 11th plan period was ₹ 1279.62 crore and out of this an expenditure of ₹ 1209.97 crore was incurred which is 94.56 % of the total amount of allocation of the scheme. During the 12th plan a sum of ₹ 2483 crore has been earmarked for the development of Fisheries Sector. The details of the schemes administered by Department of Animal Husbandry, Dairying and Fisheries are as below:

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

#### 3.1 Development of Inland Fisheries and Aquaculture

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

Since inception of this scheme 8,69,661 hectares of fresh water bodies and 45,702 hectares of brackish water bodies have been developed till 30-03-2014 benefiting 14,66,737 and 39,496 fishers respectively.



Through the network of 429 Fish Farmers Development Agencies (FFDAs) and Brackishwater Fish Farmers Development Agencies (BFDAs) covering all potential districts across the country. During 2013-14, 22000 hectares of fresh water bodies and 2100 hectares brackish water bodies have been developed benefiting 26,000 fisheries and 2400 fishers respectively. As against RE of ₹ 33 crore a sum of ₹ 31.04 crore was spent under the scheme during 2013-14 so far.

### **3.2 Development of Marine fisheries, Infrastructure and Post Harvest Operations.**

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

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

#### **3.2.1 Development of Marine Fisheries**

Since inception of the scheme 7 major fishing harbours, 76 minor fishing harbours and 210 fish landing centres have been taken up for implementation in various coastal States/UTs. Out of which, 7 major fishing harbours, 50 minor fishing harbours and 180 fish landing centres have been completed and put to use. Remaining are at various states of construction at present.

#### **3.2.2 Development of Infrastructure and Post Harvest Operations**

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





### 3.2.3 Taking up Innovative Activities

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

### 3.3 National Scheme of Welfare of Fishermen

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

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

During 2013-14, 7822 fishermen houses have been approved for construction. 43,25,642 fisher provided insurance cover under group accident insurance component and 3,57,308 fishers provided relief under saving-cum-relief component. An expenditure of ₹ 52.15 crore was incurred under the scheme during 2013-14 as against RE of ₹ 55 crore.

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

The aim of the scheme is to improve the database of inland and marine fisheries resources and catch of fish by adoption of standardized methodology of data collection through sample survey for estimation of inland and marine fisheries resources/catch. The total Budgetary allocation for 12<sup>th</sup> Five Year Plan for Database Scheme is ₹ 65.00 crores with the following Components:

- i) Sample Survey for Estimation of Inland Fishery Resources and their Potential,
- ii) Census on Marine Fisheries,
- iii) Catch Assessment Survey for Inland and Marine Fisheries,
- iv) Development of GIS,
- v) Development of database of fishery cooperatives of India,



- vi) Mapping of smaller water bodies and development of GIS based fishery management system,
- vii) Strengthening of Statistical Unit at Headquarter,
- viii) Evaluation Studies/Professional services,
- ix) Monitoring Control and Surveillance (MCS).

#### **4. INSTITUTIONAL ARRANGEMENTS FOR THE FISHERIES SECTOR**

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

##### **4.1 Central Institute of Fisheries, Nautical & Engineering Training (CIFNET), Cochin**

The primary objective of the Institute is to make available sufficient number of trained operatives for fishing vessels and technicians for shore establishments. The Institute conducts three regular courses namely Bachelor of Fishery Science (BFSc) (Nautical Science), Vessel Navigator Course (VNC) and Marine Fitter Course (MFC). The Institute is equipped with 3 fisheries training vessels at its 3 centres (Cochin, Chennai & Visakhapatnam) and conducting regular sailing for imparting on board practical training on fisheries, Navigation and Marine Engineering for Institutional and Post Institutional trainees. 570 candidates have been trained in short term courses 343 candidates were trained in long term duration courses during 2013-14.

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

The Integrated fisheries Project was renamed as 'National Institute of fisheries Post Harvest Technology and Training' in 2008. The motto of this organisation is to spread the message of zero wastage or rather complete utilization, thereby reducing the pressure on the available biomass, but at the same time catering and meeting all our nutritional requirements. The main objective of the Institute is to develop the value added product by way of process and product diversification from all varieties of fish including low value, unconventional species and seasonally abundant fishes. Imparting training (both regular and need based) in the field of post harvest technology, refrigeration technology, quality control and value added products. The training programmes include on the Job training to college and university students, fisherwomen self help groups.



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This Institute envisages processing popularization and test marketing of fishery products including those from unconventional varieties of fish. Popularization of novel products and technologies are achieved through test marketing, trade fairs & exhibitions, brochures & pamphlets, training and consultancy services. In addition to the Head Quarters in Kochi, the requirements of the east coast of India are being met by its unit in Vishakhapatnam. The Institute processed 103 MT of fish, marketed 96 MT of fish and trainee days attained for institute was 7568 during 2013-14.

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

The objective of the Institute set up in 1968 with its office at Bangalore is to conduct engineering and economic investigation, preparation of techno-economic feasibility report for development of fishing harbours at suitable sites along the Indian Coast and brackish water fish farms. The Institute monitors the construction of fishery harbours sanctioned under centrally sponsored scheme by the Ministry of Agriculture and renders technical guidance to extend technical assistance to the maritime State Governments/UTs in preparation/ fish landing centres. The institute till end of March 2014 has carried out engineering and economic investigations at 88 sites for the development of fishery harbours, fish landing centres and prepared TEFRs for 87 sites.

#### **4.4 Fishery Survey of India (FSI), Mumbai**

The Fishery Survey of India (FSI) is responsible for survey and assessment of marine fishery resources of the Indian EEZ with its headquarters at Mumbai. The FSI has seven operational bases at Porbandar, Mumbai, Mormugao and Kochi along with West Coast, Chennai and Visakhapatnam along the east coast and Port Blair in the Andaman & Nicobar Islands. A total of 11 ocean ongoing survey vessels are deployed for fisheries resources survey and monitoring. Besides resources surveys, the FSI monitors the fishery resources for the purpose of regulation and management, makes an assessment of suitability of different types of craft & gear for deep-sea and oceanic fishing, imparting in-vessel training to CIFNET/Polytechnic trainees, disseminates information on fishery resources through various media to the fishing community, industry, other end users etc. The institute has also been acting as an interface between the Ministry of Agriculture and the State Fisheries Departments relating to marine fish landing statistics. The FSI is also played a key role in popularization of modern fishing methods in the maritime States. The survey fleet of the institutes undertakes bottom trawl survey, midwater /columnar resources survey and long line survey for demersal, columnar and oceanic tunas and allied resources. The institute has operated 211220 hooks for tuna longline survey, conducted survey for 1845 fishing hours for bottom trawling, thus completed 798 fishing days by vessels during 2012-13.



#### 4.5 National Fisheries Development Board (NFDB)

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

##### 4.5.1 Objective of the National Fisheries Development Board are:

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

##### 4.5.2 Major activities to be taken up by the NFDB

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



## 5. OTHER ISSUES:

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

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

**The aims and objectives of the Authority** are to regulate 'coastal aquaculture activities in the areas notified by the Central Government as 'coastal areas' and for matters connected therewith or incidental thereto. The Authority is empowered to make regulations for the construction and operation of aquaculture farms in coastal areas, registration of aquaculture farms and hatcheries, inspection of farms and hatcheries for *L. Vannamei* to ascertain their environmental impact, removal or demolition of coastal aquaculture farms which cause pollution, fixing standards for all coastal aquaculture inputs, viz. Seed, feed, growth supplements, chemicals, etc. used in coastal aquaculture order to facilitate environmental responsible and socially acceptable coastal aquaculture for the socio-economic benefits of the various stakeholders involved in the activity.

The major responsibility of Coastal Aquaculture Authority is to ensure registration of all kinds of coastal, brackishwater and saline aquaculture farms and hatcheries engaged or going to be engaged in seed production and farming of saline and brackish water shrimp, fish and other aquatic organisms in the country within the notified area i.e. within two kilometres from the High Tide Line of the seas, creeks, rivers and backwaters. Registration is mandatory for all existing farms, new farms as well as for farms that may renovated for taking up coastal aquaculture activities in future. Registration is valid for a period for five years, which can be renewed from time to time for a like period.

Coastal Aquaculture Authority has been authorised, vide Notification dated 15<sup>th</sup> October, 2008 issued by the Department of Animal husbandry, Dairying and Fisheries, Ministry of Agriculture under the Livestock Importation Act, 1898 (as amended by Livestock Importation Act, 2001) to grant permission for importing brood stock of SPF *Litopenaeus vannamei* and to grant approvals for seed production in biosecured hatcheries and farming in biosecured farms.

By the Coastal Aquaculture (Amendment) Rules, 2009, Guidelines were issued for regulating hatcheries and farms for introduction of SPF *L. vannamei*. These hatchery guidelines contain the criteria for application to breed *L. vannamei*, the technical requirements, procedures for production and sale of SPF *L. vannamei* seeds and specific norms and regulations for approval and operation of farms.



To facilitate smooth operation by the hatchery operators and shrimp farmers, Government of India came out with further amendments to the CAA Rules, 2005 through a Notification in March 2012 by permitting import of SPF juveniles of *L. vannamei* up to 10 g for rearing to adult brood stock, sale of nauplii among the permitted hatcheries and for shifting culture of one species to another after adequate dry out period. This Notification also strengthens the inspection process to deal with unauthorised seed production and farming of *L. vannamei* through destruction of the unauthorised stock by the Inspection Team of CAA.

Coastal Aquaculture Authority is following these Guidelines in permitting hatcheries and farms to take up *L. vannamei* farming and in the inspection and monitoring of the farms and hatcheries for the sustainable development of this venture.

A total of 26,842 shrimp farms with total farm area of 44,144.62 ha (WSA 30,306.08 ha) have been registered since inception (December 2005) till December 2013, out of which 833 farms with total farm area of 1176.55 ha (WSA 736.46 ha) were registered during the current year (April-December 2013). Besides the registration certificates of a total of 299 farms with total farm area 592.51 ha (WSA 437.12 ha) were renewed by the Authority for a further period of five years.

On the basis of the Inspection Team's report, a total of 117 SPF *L. vannamei* hatcheries with production capacity of 8,776 million seeds were approved/ renewed for importing brood stock of SPF *L. vannamei* from 9 brood stock suppliers shortlisted by CAA during the year. A total of 70,208 pairs of brood stock were approved by the CAA for import during the current year.

After scrutinising the applications received from the farmers and based on the Inspection Team's report, 861 SPF *L. vannamei* farms with total farm area of 9008.71 ha (WSA 6,072.32 ha) were registered since commencement of the programme (August 2009) till December 2013, out of which 59 SPF *L. vannamei* farms with a total area of 579.49 (WSA 354.68) were registered during the current year (April-December 2013) for culturing SPF *L. vannamei*.

A total of 30 visits were made by the Inspection Team to unapproved hatcheries on receipt of complaints regarding illegal seed production of *L. vannamei*.

Three awareness programmes were conducted during the year, one at Valsad District of Gujarat on 6<sup>th</sup> August, 2013 and three in East Godavari District of Andhra Pradesh, in which 170 farmers and State Fisheries officials of these states participated. During the programmes, main content of CAA act, 2005 relevant to farming, aims, objectives, powers and functions of CAA, antibiotic residues, responsible aquaculture and guidelines for regulating hatcheries and farms for introduction of SPF *L. vannamei* were explained and handouts in vernacular languages were distributed.



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In order to achieve the goal of sustainable aquaculture, two public notices were issued to create awareness among shrimp farmers and hatchery operators on the need to register farms and hatcheries with CAA and the importance of biosecurity and good culture practices in farms and hatcheries. The importance of renewal of CAA registration for continuing coastal aquaculture and the need for specific approvals for SPF *L. vannamei* seed production and farming from CAA and on diseases surveillance were highlighted in the Public Notice.

The water quality monitoring laboratory establishment in the Technical Section of CAA at Vepery is equipped with instruments such as GC-MS, CHNSO Analyser, Spectrophotometer, Nitrogen Keltec-Distillation Unit, Mutli-parameter water quality sondes, Millipore titration system, BOD Incubator, COD Analyser, etc. to monitor the quality of waste water discharged from the ETS of hatcheries and farms to ensure that the water quality parameters conform to the standard specified by CAA in its guidelines.

### 5.2 Comprehensive Marine Fishing Policy:

Comprehensive Marine Fishing Policy 2004 has been launched in November 2004 to augment marine fish production of the country up to the sustainable level in a responsible manner so as to boost export of sea food from the country and also to increase per capita fish protein intake of the masses; to ensure socio-economic security of the artisanal fishermen whose livelihood solely depends on the vocation; and to ensure sustainable development of marine fisheries with due concern for ecological integrity and bio-diversity. Suitable measures are being taken up to implement this policy in the over all development of the marine fisheries sector.

### 5.3 Long term leasing policy for inland water bodies:

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

### 5.4 Uniform ban on fishing:

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

East Coast - from 15<sup>th</sup> April to 31<sup>st</sup> May, 2014 (both days inclusive) (47 days)

West Coast – from 15<sup>th</sup> June to 31 July, 2014 (both days inclusive) (47 days)







