

FISHERIES STATISTICS

*Source- Department of Animal Husbandry & Dairying,
Ministry of Agriculture, Government of India*

FIGURES AT A GLANCE

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.)	0.5 million sq. km.		
5. Fish Production and potential (million tonnes)			
	Marine	Inland	Total
Fish Production 1998-99	2.70	2.56	5.26
Production potential (Est.)	3.9	4.5	8.4
6. Export of fisheries products, 1998-99			
Quantity (Tonnes)	302.93		
Value (Rs crores)	4 626.87		
(US\$ crores)	110.69		
7. Contribution of fisheries to Gross Domestic Product (GDP), 1998-99 at current prices			
a) GDP from fisheries	Rs. 19 555 crores		
b) Contribution of fisheries sector to			
i. Total GDP	1.3 per cent		
ii. GDP from Agriculture sector	4.6 per cent		
8. Population			
a) On March 1,1991	846.30 million		
b) On March 1, 1999 (Projected)	980.36 million		
c) Annual Growth Rate 1996-2001	1.60% (Projected)		
9. Fishermen population (as per Livestock Census, 1992)			
No. of family members			
i. Total	6 730 300		
ii. Males	2 386 100		
iii. Females	1 980 000		
iv. Children	2 364 200		
Engaged in fishing operations			
i. Fulltime	738400		
ii. Parttime	713700		
Engaged in fishing related activities other than actual fishing			
i. Marketing of fish	464 700		
ii. Repair of fishing nets	225 700		
iii. Processing of fish	87 500		
Other activities	256 200		

TABLE 1: MARINE FISHERY RESOURCES - COASTAL STATES AND UNION TERRITORIES

State/ Union Territory	Approximate length of coast line (Kms.)	Continental shelf (*000 sq. km.)	No. of landing centres	No. of fishing villages
1. Andhra Pradesh	974	33	508	508
2. Goa	104	10	88	72
3. Gujarat	1,600	184	286	851
4. Karnataka	300	27	29	221
5. Kerala (P)	590	40	226	222
6. Maharashtra	720	112	184	395
7. Orissa	480	26	63	329
8. Tamil Nadu	1,076	41	362	556
9. West Bengal	158	17	47	652
10. Andaman & Nicobar Islands (P)	1,912	35	57	45
11. Daman and Diu (P)	27	-	7	31
12. Lakshadweep(P)	132	4	11	10
13. Pondicherry	45	1	28	45
Total	8,118	530	1,896	3,937

P - Provisional

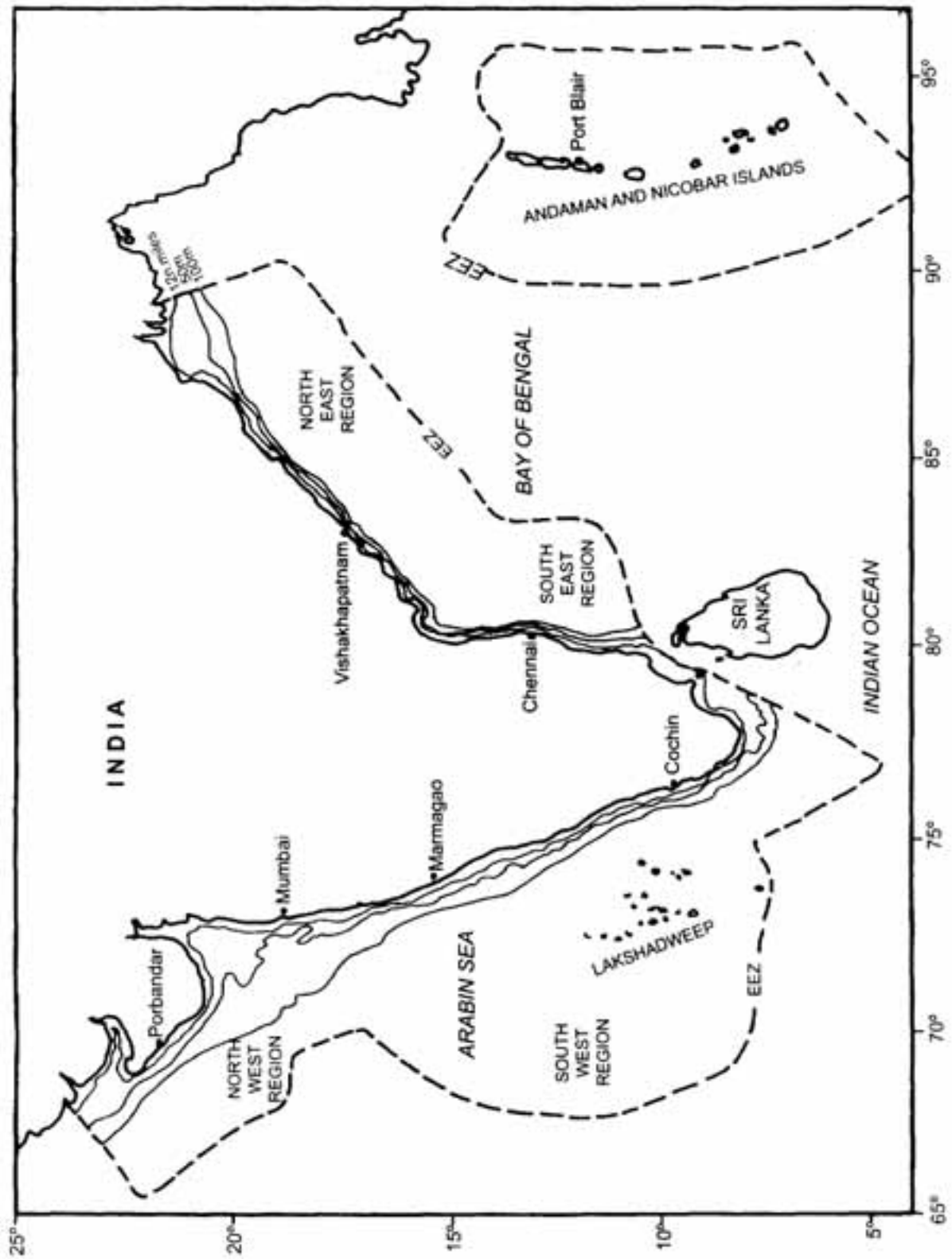
Source: State Governments! Union Territory Administrations

TABLE 2: INLAND FISHERY RESOURCES BY STATES AND UNION TERRITORIES

state/Union Territory		Length of Rivers and Canals (Kms)	Reservoirs (iakh ha)	Ponds and Tanks (iakh ha)	Beels, Oxbow lakes & Derelict water bodies (lakh ha)	Brackish water (lakh ha)
1.	Andhra Pradesh	11,514	2.24	5.17	--	0.79
2.	Arunachal Pradesh	2,000	--	2.76	0.42	--
3.	Assam	4,820	0.02	0.23	1,10	--
4.	Bihar	3,200	0.60	0.95	0.05	--
5.	Goa	250	0.03	0.03	--	--
6.	Gujarat	3,865	2.43	0.71	0.12	3.76
7.	Haryana	5,0..	Neg.	0.10	0.10	--
8.	Himachal Pradesh	3,000	0.42	0.01	--	--
9.	Jammu & Kashmir	27,781	0.07	0.17	0.06	—
10.	Karnataka	9,000	2.11	2.90	--	0.08
11.	Kerala	3,092	0.30	0.30	2.43	2.43
12.	Madhya Pradesh	20,661	2.94	1.19	--	--
13.	Maharashtra	16,000	2.79	0.59	--	0.10
14.	Manipur	3,360	0.01	0.05	0.04	--
15.	Meghalaya	5,600	0.08	0.02	Neg.	--
16.	Mizoram	1,395	--	0.02	--	--
17.	Nagaland	1,600	0.17	0.50	Neg.	--
18.	Orissa	4,500	2.56	1.14	1.80	4.17
19.	Punjab	15,270	Neg.	0.07	--	--
20.	Rajasthan	5,290*	--	1.80	--	--
21.	Sikkim	900	1.20	--	0.03	--
22.	Tamil Nadu	7,420	0.52	0.56	0.07	0.56
23.	Tripura	1,200	0.05	0.13	--	--
24.	Uttar Pradesh	31,200	1.50	1.62	1.33	--
25.	West Bengal	2,526	0.17	2.76	0.42	2.10
26.	Andaman & Nicobar Islands	115	0.01	0.03	--	0.37
27.	Chandigarh	2	--	Neg.	Neg.	--
28.	Dadra & Nagar Haveli	54	0.05	--	--	--
29.	Daman & Diu	12	--	Neg.	--	Neg.
30.	Delhi	150	0.04	--	--	--
31.	Lakshadweep	--	--	--	--	--
32.	Pondicherry	247	--	Neg.	0.01	0.01
INDIA		191,024	20.31	23.81	7.98	14.37

Provisional

FIGURE 1. EXCLUSIVE ECONOMIC ZONE, TERRITORIAL WATERS, ETC. OF INDIA



**TABLE 3: SUMMARY OF MARINE FISHERIES RESOURCES POTENTIAL
IN THE INDIAN EEZ**

(‘000 tonnes)

Regions	Demersal		Pelagic		Oceanic	Total
	0-30 m beyond 50m		0.50 m beyond 50m			
North west coast	377	379	273	188		1217
South west coast	361	112	589	245		1307
North east coast	103	40	117	61		321
South east coast	195	118	195	46		554
Andaman & Nicobar		...	139	139		
Lakshadwee~p		...	...	63		63
Oceanic 295 295						
Total	1036	649*	1174	742	295	3896
300-500 m depth		4**				4
Grand Total	1036	653	1174	742	295	3900

* Includes resources upto in depth in lat. 8)-JO) N

** Except lat. 8)- 10) along the west coast

Source: Working Group Report

**TABLE 4: POTENTIAL OF FISHERY RESOURCES IN THE INDIAN
EXCLUSIVE ECONOMIC ZONE**

(Million tonnes)

Depth range (m)	0-50	50-200	200-500	Oceanic	Total
1	2	3	4	5	6
Demersal	1.28	0.625	0.028	--	1.933
Neretic Pelagic	1.00	0.742	--	--	1.742
Oceanic Pelagic	--	--	--	0.246	0.246
Total	2.28	1.367	0.028	0.246	3.921
Per cent to total	58.1	34.9	0.7	6.3	100.0

**FIGURE 2: POTENTIAL MARINE FISHERY
RESOURCES BY DEPTH**

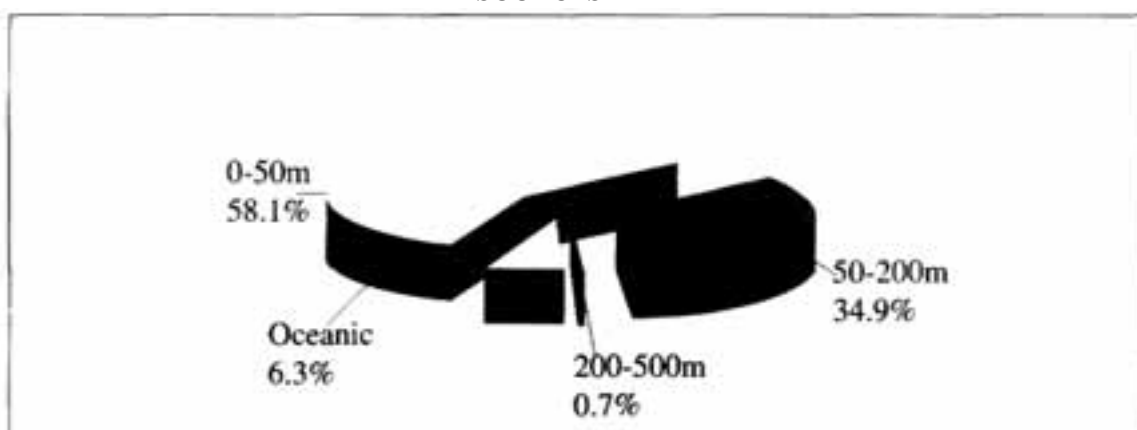


TABLE 5: FISH PRODUCTION AND AVERAGE ANNUAL GROWTH RATE, INDIA - 1950-1998

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	1,160	9.53	3.05	7.65
1965-66	824	507	1,331	-1.27	16.21	2.95
1970-71	1,086	670	1,756	6.36	6.43	6.39
1973-74	1,210	748	1,958	3.81	3.88	3.83
1978-79	1,490	816	2,306	4.25	1.76	3.33
1979-80	1,492	848	2,340	0.13	3.92	1.47
1980-81	1,555	887	2,442	4.32	3.24	3.91
1981-82	1,445	999	2,444	-7.07	12.63	0.08
1982-83	1,427	940	2,367	-1.25	-5.91	-3.15
1983-84	1,519	987	2,506	6.45	5.00	5.87
1984-85	1,698	1,103	2,801	11.78	11.75	11.77
1985-86	1,716	1,160	2,876	1.06	5.17	2.68
1986-87	1,713	1,229	2,942	-0.17	5.95	2.29
1987-88	1,658	1,301	2,959	-3.21	5.86	0.58
1988-89	1,817	1,335	3,152	9.59	2.61	6.52
1989-90	2,275	1,402	3,677	25.21	5.02	16.66
1990-91	2,300	1,536	3,836	1.10	9.56	4.32
1991-92	2,447	1,710	4,157	6.39	11.33	8.37
1992-93	2,576	1,789	4,365	5.27	4.62	5.00
1993-94	2,649	1,995	4,644	2.83	11.51	6.39
1994-95	2,692	2,097	4,789	1.62	5.11	3.12
1995-96	2,707	2,242	4,949	0.56	6.91	3.34
1996-97	2,967	2,381	5,348	9.60	6.20	8.06
1997-98	2,950	2,438	5,388	-0.57	2.39	0.75
1998-99	2,696	2,566	5,262	-9.40	5.25	-2.34
1999-2000*	2,834	2,823	5,657	5.12	10.01	7.48

* Provisional

Note: The growth rates presented for the periods prior to 1979 are the average annual compound growth rates

Source:

- i. **Central** Marine Fisheries Research Institute, Kochi for the period up to 1970-71.
- ii. State Governments / Union Territory Administrations since 1970-71.

TABLE 6: FISH PRODUCTION OVER THE PLAN PERIODS - INDIA

Plan Period	Fish Production at end of the period (000_tonnes)			Growth (Per cent) during the plan period			Average Annual Growth rate
	Marine	inland	Total	Marine	Inland	Total	
Pre-PlanPeriod (1950-51)	534	218	752	-	-	-	-
1st Plan (1951-56)	596	243	839	11.61	11.47	11.57	2.31
2nd Plan (1956-61)	880	280	1,160	47.65	15.23	38.26	7.65
3rd Plan (1961-66)	824	507	1,331	- 6.36	81(1)7	1474	2.95
Annual Plans (1966-69)	904	622	1,526	9.71	22.68	14.65	4.88
4th Plan (1969-74)	1,210	748	1,958	33.85	20.26	28.31	5.66
5th Plan (1974-79)	1,490	816	2,306	23.14	9.09	17.77	3.55
Annual Plan (1979-80)	1,492	848	2,340	0.13	3.92	1.47	1.47
6th Plan (1980-85)	1,698	1,103	2,801	13.81	30.07	19.70	3.94
7th Plan (1985-90)	2,275	1,402	3,677	33.98	27.11	31.27	6.25
Annual Plan (1990-91)	2,300	1,536	3,836	1.10	9.56	4.32	4.32
Annual Plan (1991-92)	2,447	1,711	4,157	6.39	11.33	8.37	8.37
8th Plan (1992-97)	2,967	2,381	5,348	16.76	33.51	23.65	5.17

- i. Central Marine Fisheries Research Institute, Kochi for the period up to 1970-71.
State(Governments/UnionTerritory/Administrations since)1970-71

FIGURE 3: FISH PRODUCTION BY SOURCE - SELECTED YEARS

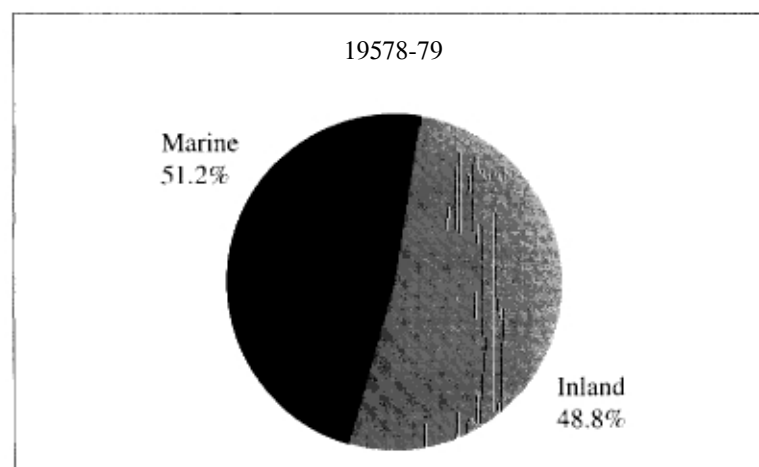
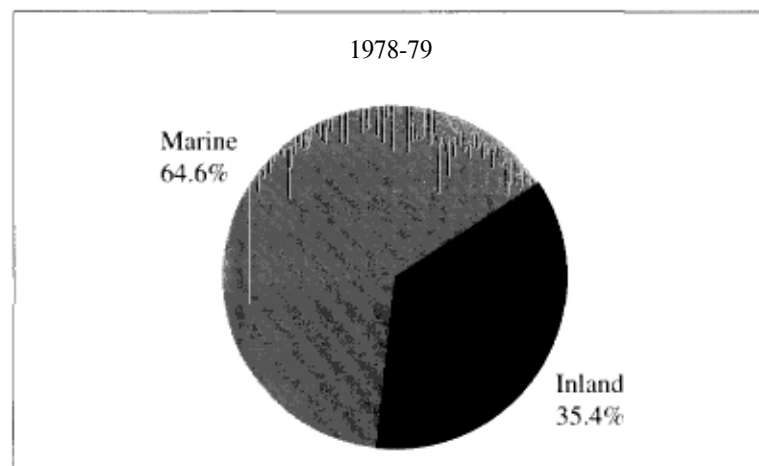
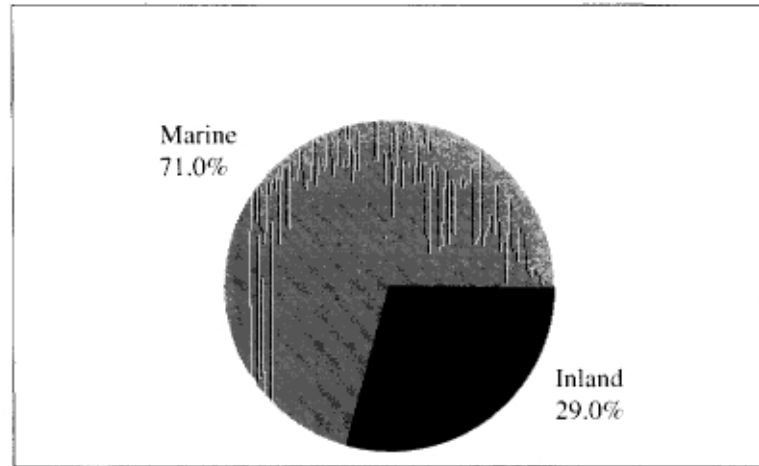


TABLE 7: FISH PRODUCTION BY STATES/UNION TERRITORIES. 1989-1999

(In '000 tonnes)

State/Union Territory	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	State/ Union Territory
1. Andhra Pradesh	245.78	256.60	264.67	263.55	321.37	345.39	355.96	359.36	372.86	410.82	1. Andhra Pradesh
2. Arunachal Pradesh	1.00	1.25	1.49	1.60	1.70	1.80	1.85	1.85	2.13	2.30	2. Arunachal Pradesh
3. Assam	58.43	76.00	130.00	140.00	151.65	153.00	155.06	154.61	155.13	155.71	3. Assam
4. Bihar	156.55	159.93	184.97	164.07	200.11	195.19	239.82	240.88	208.54	202.29	4. Bihar
5. Goa	54.65	56.22	49.55	104.26	105.44	101.90	87.82	97.06	92.05	69.02	5. Goa
6. Gujarat	459.51	545.00	556.95	638.00	684.86	715.36	660.00	725.35	816.50	630.00	6. Gujarat
7. Harvna	20.02	23.20	24.30	20.15	22.58	24.13	28.01	30.00	32.05	32.52	7. Harvna
8. Himachal Pradesh	4.62	5.20	6.02	6.39	6.63	5.29	5.94	6.27	6.69	6.79	8. Himachal Pradesh
9. Jammu & Kashmir	1.00	13.00	13.05	13.30	14.50	16.10	16.52	17.80	18.53	18.85	9. Jammu & Kashmir
10. Karnataka	241.97	236.83	245.75	239.89	249.15	244.04	304.87	324.43	285.13	255.61	10. Karnataka
11. Kerala	569.02	550.58	565.13	534.40	604.69	596.56	582.14	631.03	583.86	649.22	11. Kerala
12. Madhya Pradesh	37.96	36.95	40.68	55.71	53.53	80.18	91.28	110.53	115.16	119.59	12. Madhya Pradesh
13. Maharashtra	443.00	385.00	455.39	464.74	433.62	446.88	464.00	590.00	580.00	520.38	13. Maharashtra
14. Manipur	7.50	8.50	9.95	11.20	11.51	12.01	12.50	12.70	13.70	15.31	14. Manipur
15. Meghalaya	0.97	1.52	3.31	3.56	3.98	1.24	3.58	3.58	3.09	4.53	15. Meghalaya
16. Mizoram	2.81	2.95	3.14	3.38	2.50	2.00	2.50	2.55	2.70	2.78	16. Mizoram
17. Nagaland	0.83	0.83	1.50	1.50	1.82	2.50	3.00	4.00	3.70	4.50	17. Nagaland
18. Orissa	153.76	161.29	182.91	213.14	232.28	257.66	258.04	276.96	309.51	284.23	18. Orissa
19. Punjab	8.50	11.20	17.00	16.00	19.00	24.00	26.00	32.00	36.00	44.50	19. Punjab
20. Rajasthan	6.63	6.02	8.36	10.92	12.22	13.97	12.40	14.30	15.10	12.00	20. Rajasthan
21. Sikkim	neg.	0.10	0.09	0.09	0.10	0.10	0.15	0.15	0.14	0.14	21. Sikkim
22. Tamil Nadu	363(X)	370.95	385.00	406.00	423.92	438.50	448.00	459.79	464.60	469.75	22. Tamil Nadu
23. Tripura	18.18	21.20	23.24	23.37	24.50	25.10	25.71	27.47	27.91	28.41	23. Tripura
24. Uttarpradesh	93.47	104.26	113.31	121.43	132.17	139.90	145.70	149.43	160.02	183.03	24. Uttarpradesh
25. West Bengal	601.00	680.00	734.00	757.00	806.00	820.42	893.00	937.00	950.02	995.00	25. West Bengal
26. Andaman and Nicobar islands	13.60	15.15	25.28	24.27	25.13	26.17	25.73	26.44	27.27	27.44	26. Andaman & Nicobar Islands
27. Chandigarh	0.04	0.05	(1.19)	0.05	0.16	0.08	0.009	0.08	0.00	0.00	27. Chandigarh
28. Dadra and Nagar Haveli	-	neg.	-	0.02	0.09	0.08	0.04	0.04	0.02	(1.02)	28. Dadra & Nagar Haveli
29. Daman and Diu	7.73	7.73	15.94	13.43	11.53	(1.54)	15.28	15.28	18.81	26.85	29. Daman & Diu
30. Delhi	00	3.00	40	3.60	3.80	3.00	4.00	4.00	4.20	4.42	30. Delhi
31. Lakshadweep	6.97	7.60	5.81	9.73	9.41	9.75	9.82	11.75	10.55	13.54	31. Lakshadweep
32. Pondicherry	32.30	33.78	35.33	38.55	41.61	40.93	40.82	32.65	42.52	32.70	32. Pondicherry
Deep Sea Fishing Sector	50.00	50.00	50.00	60.00	0.00	0.00	30.00	0.00	30.00	30.00	Deep Sea Fishing Sector
	3,676.90	3,835.89	4,151.61	4,365.30	4,644.36	4,785.85	4,949.39	5,348.24	5,388.49	5,262.25	INDIA

TABLE 8: MARINE FISH PRODUCTION BY STATES! UNION TERRITORIES, 1989-1999**(In 000 tonnes**

State/Union Territory	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	State/Union Territory
Andhra Pradesh	111.35	120.35	125.79	113.07	154.32	150.26	151.99	152.05	146.55	150.00	1. Andhra Pradesh
2. Goa	52.65	53.18	47.11	101.49	102.11	98.46	84.21	93.76	88.81	65.84	2. Goa
3. Gujarat	432.36	500.00	516.85	589.00	619.84	645.26	600.00	660.07	745.71	550.00	3. Gujarat
4. Kamataka	186.13	183.83	181.41	174.19	174.52	173.75	217.51	222.78	189.86	160.61	4. Karnataka
5. Kerala	535.71	514.24	524.76	496.24	559.20	548.37	532.55	578.92	526.34	583.34	5. Kerata
6. Maharashtra	393.00	325.00	390.86	387.55	350.40	357.00	387.00	481.00	453.00	394.88	6. Maharashtra
7. Orissa	77.89	78.00	87.88	119.38	103.93	122.89	123.20	133.46	156.08	124.33	7. Orissa
8. Tamil Nadu	289.00	288.95	301.00	308.00	317.72	330.50	330.00	350.79	355.10	359.55	8. Tamil Nadu
9. West Bengal	89.00	125.00	142.00	145.00	153.00	151.20	153.00	172.00	164.00	171.50	9. West Bengal
10. Andaman and Nicobar Islands	13.60	15.15	25.19	24.17	25.08	26.12	25.68	26.40	27.23	27.40	10. Andaman and Nicobar Islands
11. Daman & Diu	7.73	7.73	15.94	13.43	11.53	11.50	15.28	15.28	18.81	26.85	11. Daman and Diu
12. Lakshadweep	6.97	7.60	5.81	9.73	9.41	9.75	9.82	11.75	10.55	13.54	12. Lakshadweep
13. Pondicherry	29.51	30.62	32.68	35.00	37.78	36.75	36.82	38.55	38.42	38.60	13. Pondicherry
Deep Sea Fishing Sector	50 00	50 00	50 00	60 00	3000	30 00	1000	30. 00	30 00	30.00	Deep Sea Fishing Sector
INDIA	2,274.90	2,299.65	2,447.28	2,576.25	2,648.84	2,691.81	2,707.06	2,966.81	2,950.46	2,696.46	INDIA

Source: State Governments/Union Territory Administrations

TABLE 9: INLAND FISH PRODUCTION BY STATES/ UNION TERRITORIES, 1989-1999

(In '000 tonnes)

	90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	State/Union Territory
1. Andhra Pradesh	134.43	136.25	138.88	151.48	167.05	195.13	203.97	207.31	226.31	260.83	1. Andhra Pradesh
2. Arunachal Pradesh	1.00	1.25	1.49	1.60	1.70	1.80	1.85	1.85	2.13	2.30	2. Arunachal Pradesh
3. Assam	58.43	76.00	130.00	140.00	151.65	153.00	155.06	154.61	155.13	155.71	3. Assam
4. Bihar	156.55	159.93	184.97	164.07	200.71	195.37	239.58	249.78	208.54	202.29	4. Bihar
5. Goa	2.00	3.05	2.44	2.77	3.32	3.44	3.61	3.30	3.24	3.18	5. Goa
6. Gujarat	27.15	45.00	40.10	49.00	65.02	70.10	60.00	65.28	70.80	80.00	6. Gujarat
7. Haryana	20.02	23.20	24.30	20.15	22.58	24.13	28.01	30.00	32.05	32.52	7. Haryana
8. Himachal Pradesh	4.62	5.20	6.02	6.39	6.63	5.29	5.94	6.27	6.69	6.79	8. Himachal Pradesh
9. Jammu & Kashmir	13.00	13.00	14.05	14.30	14.50	16.10	16.52	17.80	18.53	18.85	9. Jammu & Kashmir
10. Karnataka	55.84	53.00	64.34	65.70	74.63	70.29	87.35	101.65	95.28	95.00	10. Karnataka
11. Kerala	33.31	36.34	40.37	38.16	45.48	48.19	49.59	52.10	57.51	65.86	11. Kerala
12. Madhya Pradesh	37.96	36.95	40.68	55.71	54.53	80.18	91.28	110.53	115.16	119.59	12. Madhya Pradesh
13. Maharashtra	50.00	64.00	64.53	77.19	83.22	89.88	77.00	109.00	127.00	125.50	13. Maharashtra
14. Manipur	7.50	8.50	9.95	11.20	11.51	12.01	12.50	12.71	13.70	15.31	14. Manipur
15. Meghalaya	0.97	1.52	3.31	3.56	3.98	3.95	3.58	3.58	3.09	4.53	15. Meghalaya
16. Mizoram	2.81	2.95	3.14	3.38	2.50	2.00	2.50	2.55	2.70	2.78	16. Mizoram
17. Nagaland	0.83	0.83	1.50	1.50	1.82	2.50	3.00	4.00	3.70	4.50	17. Nagaland
18. Orissa	75.87	83.29	95.03	93.76	128.36	134.77	134.85	143.50	153.43	159.90	18. Orissa
19. Punjab	8.50	11.20	17.00	16.00	19.00	24.00	26.00	32.00	36.00	44.50	19. Punjab
20. Rajasthan	6.63	6.02	8.36	10.92	12.22	13.97	12.40	14.30	15.10	12.00	20. Rajasthan
21. Sikkim	neg.	0.10	0.09	0.09	0.10	0.10	0.15	0.15	0.14	0.14	21. Sikkim
22. Tamil Nadu	75.00	82.00	84.00	98.00	107.20	108.00	108.00	109.00	109.50	110.20	22. Tamil Nadu
23. Tripura	18.18	21.20	23.24	23.37	24.50	25.10	25.71	27.47	27.91	28.41	23. Tripura
24. Uttar Pradesh	93.47	104.26	113.31	121.43	132.37	139.90	145.70	149.43	160.02	183.03	24. Uttar Pradesh
25. West Bengal	512.00	555.00	592.00	612.00	653.00	669.22	740.00	765.00	786.02	823.50	25. West Bengal
26. Andaman and Nicobar Islands	--	--	0.09	0.10	0.03	0.05	0.05	0.04	0.04	0.04	26. Andaman and Nicobar Islands
27. Chandigarh	0.04	0.05	0.09	0.05	0.16	0.08	0.08	0.08	0.00	0.00	27. Chandigarh
28. Dadra & Nagar Haveli	Neg.	Neg.	Neg.	0.02	0.10	0.08	0.04	4.00	0.02	0.02	28. Dadra & Nagar Haveli
29. Daman & Diu	--	--	--	--	--	0.04	--	--	--	0.00	29. Daman & Diu
30. Delhi	3.00	3.00	3.40	3.60	3.80	3.90	4.00	4.10	4.20	4.42	30. Delhi
31. Lakshadweep	--	--	--	--	--	--	--	--	--	--	31. Lakshadweep
32. Pondicherry	2.89	3.16	2.65	3.55	3.83	4.19	4.00	0.04	4.10	4.11	32. Pondicherry
INDIA	1,402.00	1,536.25	1,709.33	1,789.05	1,995.50	2,096.76	2,242.32	2,381.43	2,438.04	2,565.81	INDIA

Source: State Governments/Union Territory Administrations

TABLE 10: CONTRIBUTION OF INDIA TO WORLD FISH PRODUCTION, SELECTED YEARS

('000 tonnes)

	World Production			Contribution of India		
	Total	Marine	Inland	Total	Marine	Inland
	19,755	17,521	2,234	730	520	210
	28,642	24,968	3,673	839	596	243
	36,691	32,665	4,026	1,161	880	282
	51,229	46,141	5,088	1,331	824	507
	67,279	61,277	6,003	1,759	1,086	673
	68,341	61,481	6,860	2,267	1,482	785
	75,585	67,953	7,633	2,445	1,555	891
	91,553	80,888	10,665	2,839	1,747	1,092
	103,590	88,997	14,593	3,875	2,300	1,575
	124,152	102,801	21,351	4,998	2,786	2,212
	128,648	105,252	23,396	5,353	3,016	2,337
	130,882	105,770	25,112	5,477	3,024	2,453

Totals may not tally due to rounding off.

Source: FAO

TABLE 11: PERCENTAGE CONTRIBUTION OF INDIA TO WORLD FISH PRODUCTION, SELECTED YEARS

Year	Contribution of India to World Fish Production (Per Cent)		
	Total	Marine	Inland
1950	3.70	2.97	9.40
1955	2.93	2.39	6.62
1960	3.17	2.69	7.00
1965	2.60	1.79	9.97
1970	2.61	1.77	11.21
1975	3.32	2.41	11.44
1980	3.24	2.29	11.67
1985	3.10	2.16	10.24
1990	3.74	2.58	10.79
1995	4.03	2.71	10.36
1996	4.16	2.87	9.99
1997	4.18	2.86	9.77

Source: FAO

TABLE 12: AVERAGE ANNUAL GROWTH RATE IN FISH PRODUCTION - INDIA AND REST OF THE WORLD, SELECTED YEARS

Period	India			Rest of the World		
	Total	Marine	inland	Total	Marine	Inland
1950-55	2.82	2.76	2.99	7.71	7.34	10.46
1955-60	6.72	8.11	2.97	5.08	5.52	1.85
1960-65	2.77	-1.29	12.48	6.90	7.15	4.80
1965-70	5.72	5.66	5.82	5.60	5.84	3.36
1970-75	5.21	6.42	3.13	0.31	0.07	2.70
1975-80	1.52	0.96	2.56	2.04	2.02	2.16
1980-85	3.03	2.36	4.16	3.91	3.55	6.92
1985-90	6.42	5.65	7.59	2.50	1.93	6.47
1990-95	6.54	6.53	6.55	1.09	0.60	4.42
1995-96	5.33	4.06	7.12	4.37	3.35	4.07
1996-97	4.87	3.10	7.33	3.98	2.79	5.02

Source : FAO

TABLE 13: FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 1992-1997

(000 tonnes)

Country	1992	1993	1994	1995	1996	1997
1. China	19,738	23,638	28,116	32,731	36,542	39,937
2. Peru	7,508	9,010	12,005	8,944	9,522	7,878
3. Japan	9,298	8,782	8,182	7,509	7,441	7,408
4. Chile	6,627	6,192	8,021	7,890	7,231	6,366
5. USA	5,688	6,026	6,043	5,712	5,454	5,493
6. India	4,318	4,633	4,828	4,998	5,353	5,477
7. Russian Fed.	5,644	4,470	3,791	4,391	4,749	4,749
8. Indonesia	3,543	3,806	4,025	4,252	4,454	4,581
9. Thailand	3,246	3,385	3,522	3,573	3,562	3,430
10. Norway	2,758	2,758	2,770	2,987	3,133	3,415
11. Rep. of Korea	3,304	3,336	3,478	3,360	3,334	3,268
12. Philippines	2,626	2,633	2,722	2,786	2,770	2,767
13. Iceland	1,586	1,730	1,574	1,628	2,078	2,229
14. Denmark	1,997	1,658	1,916	2,044	1,723	1,866
15. Vietnam	960	1,067	1,184	1,460	1,470	1,588
16. Mexico	1,246	1,192	1,260	1,405	1,531	1,572
17. Spain	1,246	1,204	1,270	1,373	1,361	1,384
18. Argentina	706	934	953	1,151	1,252	1,355
19. Bangladesh	967	1,047	1,091	1,173	1,264	1,342
20. Taiwan	1,327	1,419	1,255	1,297	1,240	1,308
Total for above countries	84,333	88,920	98,006	100,664	105,464	107,413
WORLD TOTAL	107,656	112,094	120,307	124,152	128,648	130,882

Source: FAO

TABLE 14: PER CENT SHARE OF MAJOR FISH PRODUCING COUNTRIES IN WORLD FISH PRODUCTION, 1992-1997

Country	1992	1993	1994	1995	1996	1997
1. China	18.3	21.1	23.4	26.4	28.4	30.5
2. Peru	7.0	8.0	10.0	7.2	7.4	6.0
3. Japan	8.6	7.8	6.8	6.0	5.8	5.7
4. Chile	6.2	5.5	6.7	6.4	5.6	4.9
5. USA	5.3	5.4	5.0	4.6	4.2	4.2
6. India	4.0	4.1	4.0	4.0	4.2	4.2
7. Russian Fed.	5.2	4.0	3.2	3.5	3.7	3.6
8. Indonesia	3.3	3.4	3.3	3.4	3.5	3.5
9. Thailand	3.0	3.0	2.9	2.9	2.8	2.6
10. Norway	2.6	2.5	2.3	2.4	2.4	2.6
11. Rep. of Korea	3.1	3.0	2.9	2.7	2.6	2.5
12. Philippines	2.4	2.3	2.3	2.2	2.2	2.1
13. Iceland	1.5	1.5	1.3	1.3	1.6	1.7
14. Denmark	1.9	1.5	1.6	1.6	1.3	1.4
15. Vietnam	0.9	1.0	1.0	1.2	1.1	1.2
16. Mexico	1.2	1.1	1.0	1.1	1.2	1.2
17. Spain	1.2	1.1	1.1	1.1	1.1	1.1
18. Argentina	0.7	0.8	0.8	0.9	1.0	1.0
19. Bangladesh	0.9	0.9	0.9	0.9	1.0	1.0
20. Taiwan	1.2	1.3	1.0	1.0	1.0	1.0
Contribution of above countries	78.5	79.3	81.5	80.8	82.1	82.0
WORLD TOTAL	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 15: INLAND FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 1992-1997
(‘000 tonnes)

Country	1992	1993	1994	1995	1996	1997
1. China	6,336	7,655	9,224	11,015	12,752	14,254
2. India	1,722	1,931	2,005	2,212	2,337	2,453
3. Bangladesh	666	706	809	874	936	991
4. Indonesia	710	770	799	818	917	799
5. Thailand	277	337	372	388	445	436
6. Vietnam	213	213	233	458	428	434
7. Philippines	503	463	476	430	416	422
8. USA	325	331	307	311	313	347
9. Egypt	242	238	252	285	299	311
10. Tanzania	276	295	248	317	309	307
11. Russian Fed.	378	307	291	273	285	278
12. Brazil	210	215	220	234	263	256
13. Myanmar	182	212	224	226	237	245
14. Uganda	265	220	213	209	195	218
15. Pakistan	122	123	133	136	160	190
16. Congo	185	193	153	156	160	159
17. Taiwan	170	192	190	176	160	155
18. Kenya	157	177	200	189	175	155
19. Japan	188	177	169	167	167	153
20. Iran	82	96	115	117	139	141
Total for above countries	13,209	14,851	16,633	18,991	21,093	22,704
World Total	15,491	17,085	18,840	21,351	23,396	25,112

Source: FAO

TABLE 16: MARINE FISH PRODUCTION - MAJOR FISH PRODUCING COUNTRIES, 1992-1997

('000 tonnes)

Country	1992	1993	1994	1995	1996	1997
1. China	13,402	15,983	18,891	21,716	23,790	25,683
2. Peru	7,474	8,970	11,955	8,892	9,492	7,844
3. Japan	9,110	8,606	8,013	7,342	7,275	7,255
4. Chile	6,626	6,190	8,019	7,888	7,229	6,358
5. USA	5,363	5,695	5,736	5,401	5,141	5,146
6. Russian Fed.	5,266	4,163	3,499	4,118	4,464	4,470
7. Indonesia	2,833	3,036	3,227	3,434	3,537	3,782
8. Norway	2,757	2,758	2,769	2,986	3,133	3,415
9. Rep. of Korea	3,259	3,305	3,446	3,330	3,303	3,236
10. India	2,596	2,703	2,823	2,786	3,016	3,024
11. Thailand	2,969	3,048	3,150	3,185	3,117	2,994
12. Philippines	2,124	2,169	2,246	2,355	2,354	2,345
13. Iceland	1,584	1,728	1,573	1,626	2,077	2,228
14. Denmark	1,960	1,622	1,880	2,006	1,689	1,832
15. Mexico	1,117	1,061	1,132	1,276	1,393	1,439
16. Spain	1,219	1,174	1,243	1,342	1,327	1,346
17. Argentina	694	922	940	1,138	1,239	1,341
18. Malaysia	1,088	1,137	1,162	1,227	1,218	1,249
19. Vietnam	747	854	951	1,002	1,042	1,153
20. Taiwan	1,157	1,227	1,065	1,121	1,080	1,153
Total for above countries	73,345	76,351	83,720	84,171	86,916	87,293
World Total	92,165	95,009	101,467	102,801	105,252	105,770

Source: FAO

TABLE 17: FISH PRODUCTION FROM INDIAN OCEAN, 1992-1997

(‘000 tonnes)

Country	1992	1993	1994	1995	1996	1997
Indian Ocean Countries						
1. India	2,596	2,703	2,823	2,786	3,016	3,024
2. Thailand	683	862	814	867	928	906
3. Indonesia	558	617	634	679	716	744
4. Myanmar	618	625	600	606	636	673
5. Malaysia	536	532	528	611	574	567
6. Pakistan	432	499	419	405	395	422
7. Bangladesh	301	341	282	299	328	352
8. Iran Islamic Rep.	252	221	217	251	243	239
9. Sri Lanka	187	205	215	221	214	220
10. Australia	145	150	128	138	132	133
11. Oman	112	116	119	140	120	117
12. United Arab Emi.	95	100	109	106	107	114
13. Yemen	80	86	83	103	101	113
14. Maldives	82	90	104	105	106	108
15. Madagascar	78	86	88	88	88	90
16. Tanzania	61	43	47	50	55	57
17. Egypt	39	46	43	43	44	52
18. Saudi Arabia	46	48	55	46	48	50
19. Mozambique	28	26	23	22	27	31
20. Somalia	21	19	17	16	16	15
21. Mauritius	19	21	19	17	12	14
22. Comoros	12	12	13	13	13	13
23. Iraq	1	2	4	5	12	11
24. Bahrain	8	9	8	9	13	10
25. Kuwait	8	8	8	9	8	8
Other Countries						
1. Spain	86	98	105	141	133	135
2. Taiwan	69	140	80	115	110	116
3. France	98	95	105	101	89	78
4. Japan	59	66	45	56	48	50
5. Korea, Rep. of	31	30	25	23	32	38
Total*	7,463	8,006	7,875	8,173	8,524	8,679

* Including countries not mentioned above

Source: FAO

TABLE 18: FISHERMEN POPULATION BY STATES! UNION TERRITORIES, 1992

(Numbers in hundreds)

State/Union Territory	Total No. of members				Number of family members engaged in fishing operations		Family members engaged fishing related activities other than actual fishing				State/Union Temtory
	Males	Females	Children	Total	Full time	Part time	Marketing of fish	Repair of fishing nets	Processing offish	Other activities	
1.AndhraPradesh	2,768	2,602	3,348	8,718	1,428	1,321	1,121	504	219	260	1.AndhraPradesh
2. Arunachal Pradesh	4	1	--	5	--	--	420	--	--	--	2. Arunachal Pradesh
3.Assam	1,538	807	795	3,140	254	201	132	113	26	--	3.Assam
4. Bihar	1,800	1,322	1,589	4,711	255	754	331	167	56	167	4. Bihar
5.Goa	53	49	47	149	24	14	20	6	3	7	5.Goa
6. Gujarat	889	882	1,844	3,615	557	236	147	116	34	637	6. Gujarat
7. Haryana	49	8	13	70	4	--	--	--	--	38	7. Haryana
8. Himachal Pradesh	13	8	15	36	2	3	2	1	--	--	8. Himachal Pradesh
9. Jammu & Kashmir	120	129	124	373	19	22	39	11	1	--	9. Jammu & Kashmir
10.Karnataka	434	411	615	1,460	134	74	114	47	16	26	10.Karnataka
11. Kerala	1,978	1,970	2,381	6,329	1,099	275	254	135	81	426	11. Kerala
12.MadhyaPradesh	890	671	1,050	2,611	112	566	152	103	23	15	12.MadhyaPradesh
13. Maharashtra	1,277	1,670	1,022	3,969	761	387	650	272	184	45	13. Maharashtra
14. Manipur	305	186	66	557	318	239	--	--	--	--	14. Manipur
15. Meghalaya	--	--	--	--	--	--	--	--	--	--	15. Meghalaya
16. Mizoram	1	1	--	2	--	--	1	--	--	--	16. Mizoram
17. Nagaland	--	--	--	--	--	--	--	--	--	--	17. Nagaland
18. Orissa	1,065	977	1,400	3,442	225	128	132	113	4	9	18. Orissa
19. Punjab	--	--	--	--	--	--	--	--	--	--	19. Punjab
20. Rajasthan	26	24	37	87	5	9	--	1	--	--	20. Rajasthan
21.Sikkim	--	--	--	--	--	--	--	--	--	--	21.Sikkim
22. Tamil Nadu	1,460	1,325	2,379	5,164	890	145	221	237	48	69	22. Tamil Nadu
23.Tripura	27	17	21	65	8	31	13	4	--	1	23.Tripura
24.UttarPradesh	5,951	5,196	5,146	16,293	301	750	246	89	50	376	24.UttarPradesh
25.WestBengal	2,829	1,181	1,343	5,353	884	1,927	613	320	95	394	25.WestBengal
26. Andaman and Nicobar Islands	80	64	97	241	9	22	5	5	5	1	26. Andaman and Nicobar Is.
27. Chandigarh	3	--	--	3	3	1	3	--	--	--	27. Chandigarh
28. Dadra & Nagar Haveli	--	--	--	--	--	--	--	--	--	--	28. Dadra & Nagar Haveli
29. Daman & Diu	--	--	--	--	--	--	--	--	--	--	29. Daman & Diu
30. Delhi	--	--	--	--	--	--	--	--	--	--	30. Delhi
31. Lakshadweep	174	175	175	524	9	21	--	--	6	2	31. Lakshadweep
32.Pondicherry	127	124	135	386	83	11	31	13	24	89	32.Pondicherry
INDIA	23,861	19,800	23,642	67,303	7,384	7,137	4,647	2,257	875	2,562	INDIA

Source: Indian Livestock Census-1992, Summary Tables Volume-I
Directorate of Economics and Statistics, Ministry of Agriculture

TABLE 19: FISHING CRAFTS - COASTAL STATES AND UNION TERRITORIES, 1999

State/Union Territory	Non motorised traditional crafts	Motorised traditional crafts	Mechanised boats	Total
1. Andhra Pradesh	53,853	4,164	8,642	66,659
2. Goa	1,094	1,100	1,092	3,286
3. Gujarat	9,222	5,391	11,372	25,985
4. Karnataka	19,292	3,452	2,866	25,610
5. Kerala	28,456	17,362	4,206	50,024
6. Maharashtra	10,256	286	8,899	19,441
7. Orissa	10,993	2,640	1,276	15,854*
8. Tamil Nadu	33,945	8,592	9,896	52,433
9. West Bengal	4,850	270	3,362	8,482
10. Andaman & Nicobar Islands	1,180	160	230	1,570
11. Daman and Diu	252	350	805	1,407
12. Lakshadweep	594	306	478	1,378
13. Pondicherry	7,297	505	560	8,362
Total	181,284	44,578	53,684	280,491*

* Total includes 810 FRP Catamarans and 135 Beach Landing Crafts.

TABLE 20: BRACKISHWATER AREA AND PRODUCTION - COASTAL STATES/UNION TERRITORIES, 1999

State/Union Territory	Total brackish water area (ha)	Area under culture (ha)	Production (MT) - Live weight
1. Andhra Pradesh	150,000	66,200	34,075
2. Goa	18,500	650	500
3. Gujarat	376,000	997	235
4. Karnataka	8,000	3,540	2,640
5. Kerala	65,000	14,595	7,290
6. Maharashtra	80,000	970	700
7. Orissa	31,600	11,332	5,000
8. Tamil Nadu	56,000	670	1,197
9. West Bengal	405,000	42,525	15,121
10. Pondicherry	800	22	20
Total	1,190,900	141,501	66,778

Source: Marine Products Exports Development Authority, Kochi

TABLE 21: FISHING HARBOURS AT MAJOR PORTS

Port	Cost (Rs. Lakhs)*	Year of sanction	Status	Designed Capacity			
				DSV (No)	frWV (No)	Draft (m)	TL
1. Visakhapatnam							
Stage I	2,138	1975	C	90	300	4.5	1,938
Stage II		1978	C				
Stage III		1988	C				
2. Madras							
Stage I	1,334	1973	C	50	500	3.0	1,220
Stage II	850	1994	UC		No change in capacity. Stage II for additional facilities		
3. Cochin							
Stage I	494	1971	C	57	450	6.0	560
Stage II	77 (100)	1993	UC		No change in capacity. Stage II for additional facilities		
4. Calcutta (Roychowk)	370	1971	C	15	--	6.0	120
5. Paradip	2,834 (3,807)	1990	C	50	500	6.0	2335
6. Mumbai (Sassoon Dock)	825 (1,099)	1977	UC	--	700	3.0	1153

* Figures in brackets indicate the revised cost.

C Completed/ Commissioned

UC Under construction

DSV Deep Sea Vessels

MFV Motorised Fishing Vessels

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

**TABLE 22: NUMBER OF MINOR FISHING HARBOURS AND FISH LANDING CENTRES
COMMISSIONED! UNDER CONSTRUCTION BY STATE! UNION TERRITORY**

(As on 31-3-99;

State/Union territory	Minor Fishing Commis- sioned	Harbour Under construction	Fish Landing Coinmis- sioned	Centres Under construction
1. Andhra Pradesh	3	1	1	1
2. Goa	--	--	1	1
3. Gujarat	4	1	20	1
4. Karnataka	5	3	9	5
5. Kerala	5	5	22	6
6. Maharashtra	1	1	29	7
7. Orissa	3	1	21	5
8. Tamil Nadu	6	1	11	
9. West Bengal	2	1	12	
10. Andaman & Nicobar Islands	1	--	--	--
11. Daman and Diu	--	--	--	2
12. Lakshadweep	--	--	3	--
13. Pondicherry	--	1	1	--
Total	30	15	130	28

**TABLE 23: FISHING HARBOURS AND FISH LANDING CENTRES CONSTRUCTED/
COMMISSIONED**

Location	FH/ FLC	Sanctioned cost Rs.Lakhs	Location	FH/ FLC	Sanctioned cost sLakhs)
Andhra Pradesh	FLC		3. Tadri	FH	4.590
1. Kakinada	FH	973.170	4. Mangalore	FH	33.000
2. Nizamapatnam	FH	157.660	5. Malpe stage-I	FH	426.000
3. Bhavanapadu	FH	340.000	6. Coondapur	FLC	1.000
4. Calingapatnam	FLC	60.350	7. Kagal Heni	FLC	0.600
Goa			8. Gangolli	FLC	3.700
1. Cortalim	FLC	0.510	9. Belikeri	FLC	0.990
Gujarat			10. Keni	FLC	0.990
1. Veraval	FH	900.000	11. Bhatkal	FLC	6.000
2. Mangrol Stage-I	FH	200.000	12. Moolky	FLC	0.100
3. Porbandar	FH	276.000	13. Sadasivgad	FLC	0.990
4. Mangrol Stage-II	FH	701.000	14. Belambar	FLC	0.990
5. Jafrabad Phase-I	FLC	12.000	Kerala		
6. Jafrabad Phase-II	FLC	13.000	Vizhinjam stage-I	FH	208.000
7. Nansi-borsi	FLC	16.000	2. Puthiappa	FH	962.000
8. Kosamba	FLC	13.000	3. Munambam	FH	1,167.200
9. Mandvi	FLC	16.000	Vizhinjam stage-II	FH	704.000
10. Salaya	FLC	17.000	5. Neendakara	FH	585.000
11. Umarsadi	FLC	5.000	6. Kasaragode	FLC	13.000
12. Jakhau-I	FLC		7. Cannanore	FLC	1.459
13. Sachana	FLC	20.000	8. Neeleswaram	FLC	15.000
14. Madhavadi	FLC	17.760	9. Munakkadavu	FLC	19.000
15. Surajbari	FLC	27.900	10. Beypore	FLC	2.100
16. Magod Dungari	FLC	38.740	11. Palacode	FLC	19.000
17. Dholai	FLC	54.660	12. New Mahe	FLC	24.590
18. Chorwad	FLC	46.120	13. Vellayil Beach	FLC	22.000
19. Port Onjal	FLC	42.000	14. Vallikkunnu	FLC	17.900
20. Rajpara	FLC	43.450	15. Chettuvali	FLC	19.500
21. Umergaon -I	FLC	1.000	16. Arthungal	FLC	32.220
22. Kolak	FLC	4.150	17. Ponnani	FLC	8.000
23. Hirakot	FLC	0.710	18. Beliapatnam	FLC	13.000
24. Navapur	FLC	0.610	19. Thottappally	FLC	30.000
Karnataka			20. Cheruvathur	FLC	18.000
1. Karwar	FH	30.000	21. Dharmadon	FLC	21.000
2. Honnavar	FH	75.000	22. South Paravoor	FLC	24.940
			23. Vizhinjam South	FLC	19.100
			24. Vizhinjam North	FLC	19.100

(Continued)

TABLE 23: FISHING HARBOURS AND FISH LANDING CENTRES CONSTRUCTED/ COMMISSIONED (Continued)

Location	FH/ PLC	Sanctioned cost (Rs. Lakhs)	Location	FH/ FLC	Sanctioned cost (Rs. Lakhs)
Kerala (Contd.)			Orssa		
25. Chalil Gopalpettah	PLC	25.000	1. Gopalpur	PH	805.300
26. Quilandy	PLC	23.000	2. Dhamra	FH	70.000
27. Punnapra	PLC	36.800	3. Naugarh(Astrang)	PH	507.000
Maharashtra			4. Chandipur	PLC	15.000
1. Ratnagiri	PH	1,840.50	5. Pathara	PLC	2.500
2. Karanja	PLC	11.000	6. Nairi.	PLC	5.410
3. Navalgaon	FLC	0.034	7. Nairi-II	PLC	6.000
4. Borli Mandla	FLC	0.520	8. Jamboo	PLC	73.030
5. Nandgaon	FLC	0.095	9. Palaur	PLC	17.000
6. Murad	FLC	0.034	10. Kansabans	PLC	65.100
7. Theorinda	FLC	0.007	11. Soran	PLC	9.970
8. Ajanala	FLC	0.003	12. Sabelia	PLC	2.420
9. Ade-Uttambar	FLC	0.016	13. Chudamani	PLC	14.060
10. Agrao	FLC	0.549	14. Panchubisa	PLC	32.680
11. Boria	FLC	0.029	15. Talchua	PLC	110.700
12. Burondi	FLC	0.049	16. Kharanasi	PLC	99.900
13. Bagamandla	FLC	1.000	17. Chandrabhaga	FLC	8.320
14. Datiware	FLC	0.922	18. Rushikulya	PLC	9.400
15. Dahanu	FLC	0.990	19. Tantiapal	PLC	99.060
16. Dakti-Dahanu	FLC	0.994	20. Sorala	FLC	70.280
17. Kahardanda	FLC	0.822	21. Bandara	FLC	160.500
18. Ekdara	FLC	0.012	22. Khandiapatana	FLC	105.830
19. Mandavi	FLC	0.508	23. Bhusandpur-	FLC	108.600
20. Mulgaon	FLC	1.860	Baliapatpur		
21. Navapur	FLC	0.200	24. Bahabalpur	FLC	98.040
22. Onni-Bhatti	FLC	0.027	Tamil Nadu		
23. Thurnvadi	FLC	0.160	1. Tuticorin	FH	210.000
24. Thai	FLC	0.547	2. Maliipatnam	FH	10.600
25. Utton	FLC	0.020	3. Kodiakarai	FH	14.400
26. Vashi	FLC	0.3 11	4. Valiinokkam	FH	77.000
27. Wadrai	FLC	0.739	5. Tondi	FH	56.560
28. Rajpuri	FLC	0.536	6. Pazhayar	FH	67.000
29. Jeevne Bundar	FLC	0.536	7. Cuddalore	FLC	12.000
30. Mahim Causeway	FLC	23.070	8. Rameswaram	FLC	10.000

(Continued)

**TABLE 23: FISHING HARBOURS AND FISH LANDING CENTRES CONSTRUCTED/
COMMISSIONED (Concluded)**

Location	FH/ FLC	Sanctioned cost (Rs. Lakhs)	Location	FH/ FLC	Sanctioned cost (Rs. Lakhs)
Tamil Nadu (contd.)					
9. Kottaiapatnam	PLC	22.000	8. Jalda	PLC	9.500
10. Muttom	PLC	12.600	9. Kharpai	PLC	6.300
11. Vallapallam	PLC	7.140	10. Bamanagar	PLC	4.180
12. Vallavillai	PLC	7.500	11. Akhoynagar	FLC	3.080
13. Nagapattinam	PLC	0.750	12. Soula	PLC	13.270
14. Palk Bay	PLC	1.000	13. Madanganj	PLC	9.600
15. Erawadi	PLC	26.000	14. Brajavallarpur	PLC	9.650
16. Poompuhar	PLC	7.870			
17. Kodimurai	PLC	7.500	Andaman & Nicobar Islands		
West Bengal			1. Phoenix Bay	PH	67.000
1. Fraser Ganj	PH	452.320	Lakshadweep		
2. Digha stage-I	PH	139.000	1. Kavaratti	PLC	11.000
3. Namkhana	PLC	7.060	2. Minicoy	FLC	15.520
4. New Jalda	PLC	5.000	3. Agathi	PLC	5.000
5. Kalinagar	PLC	7.130	Pondicherry		
6. Ganeshpur	PLC	5.310	1. Mahe	PLC	0.040
7. Junput	PLC	9.800			

(Concluded)

TABLE 24: FISHING HARBOURS AND FISH LANDING CENTRES
UNDER CONSTRUCTION (As on 31-3-99)

Location	FH/ FLC	Sanctioned cost (Rs. Lakhs)	Location	FH/ FLC	Sanctioned cost (Rs. Lakhs)
Andhra Pradesh			10. Kadapra	FLC	18.52
1. Machilipatnam	PH	470.88	11. Kattoor Pollathai	PLC	50.25
2. Mangipudi	PLC	17.00	Maharashtra		
Goa			1. Agra	PH	414.00
1. Malim	PLC	89.25	2. Alibagh Koliwada	PLC	32.53
Gujarat			3. Ekdara Koliwada	PLC	38.66
1. Jakhau	PH	1,143.60	4. Thrkarli	PLC	53.34
2. Navabunder	PLC	33.91	5. Achara Peerwada	PLC	55.16
Karnataka			6. Taramumbri	PLC	97.02
1. Malpe II	FH	1,196.70	7. Rajpuri Koliwada	PLC	73.96
2. Mangalore II	FH	75.00	8. Sarjekot	PLC	30.00
3. Karwar II	PH	130.00	Orissa		
4. Alvekodi	PLC	89.53	1. Dhamra II	PH	640.00
5. Hejmodikodi	PLC	95.00	2. Kirtania	PLC	84.00
6. Belikeri Stage-II	PLC	67.40	3. Panthakata	PLC	80.20
7. Kodibengre	PLC	55.00	4. Talasari	PLC	98.24
8. Gangolli Stage-II	PLC	13.12	5. Gopalpur-on Sea	PLC	96.00
Kerala			6. Hata Baradi	PLC	62.00
1. Vizhinjam	PH	704.00	Tamil Nadu		
2. Thangassery	PH	1,980.50	1. Chinnamuttom	PH	684.00
3. Chombal	PH	556.00	West Bengal		
4. Kayamkulam	FH	624.00	1. Digha	PH	492.52
5. Munambam	FH	1,167.20	Daman and Diu		
6. Moylali-Kaddappuram	PLC	85.20	1. Ghogla	PLC	52.12
7. Kanhangad	PLC	28.42	Vanakbara	PLC	43.80
8. Thikkodi	PLC	49.25	Pondicherry		
9. Poovar	PLC	26.99	1. Pondicherry	FH	423.00

TABLE 25: TREND IN EXPORTS OF MARINE PRODUCTS - 1961-1998

Year	Quantity (Tonnes)	Value (Rs. crores)	Unit value (Rs/tonnes)	Unit value index	Annual growth rate (%)	
					Quantity	Value
1961-62	15,732	3.92	2,491.74	100.00	--	--
1962-63	11,161	4.20	3,763.10	151.02	-29.1	7.1
1963-64	19,057	6.09	3,195.68	128.25	70.7	45.0
1964-65	21,122	7.14	3,380.36	135.66	10.8	17.2
1965-66	15,295	7.06	4,615.89	185.25	-27.6	- 1.1
1966-67	21,116	17.37	8,225.99	330.13	38.1	146.0
1967-68	21,907	19.72	9,006.69	361.26	37	13.5
1968-69	26,811	24.70	9,212.64	369.73	22.4	25.3
1969-70	31,695	33.46	10,556.87	423.68	18.2	35.5
1970-71	35,883	35.07	9,773.43	392.23	13.2	4.8
1971-72	35,523	44.55	12,541.17	503.31	- 1.0	27.0
1972-73	38,903	59.72	15,351.00	616.08	9.5	34.1
1973-74	52,279	89.51	17,121.60	687.14	34.4	49.9
1974-75	45,099	68.41	15,168.85	608.77	-13.7	-23.6
1975-76	54,463	124.53	22,865.06	917.64	20.8	82.0
1976-77	66,750	189.12	28,332.58	1,137.06	22.6	51.9
1977-78	65,967	180.12	27,304.56	1,095.80	-1.2	-4.8
1978-79	86,894	234.62	27,000.71	1,083.61	31.7	30.3
1979-80	86,401	248.82	28,798.28	1,155.75	- 0.6	6.1
1980-81	75,583	234.84	31,070.48	1,246.94	-12.5	- 56
1981-82	70,105	286.01	40,797.38	1,637.31	- 7.2	21.8
1982-83	78,175	361.36	46,224.50	1,855.11	11.5	26.3
1983-84	92,691	373.02	40,243.39	1,615.07	18.6	3.2
1984-85	86,187	384.29	44,587.93	1,789.43	- 7.0	3.0
1985-86	83,651	398.00	47,578.63	1,909.46	- 2.9	3.6
1986-87	85,843	460.67	53,664.25	2,153.69	2.6	15.7
1987-88	97,179	531.20	54,662.02	2,193.73	13.2	15.3
1988-89	99,777	597.85	59,918.62	2,404.69	2.7	12.5
1989-90	110,243	634.99	57,599.12	2,311.61	10.5	6.2
1990-91	139,419	893.37	64,078.07	2,571.62	26.5	40.7
1991-92	171,820	1,375.89	80,077.41	3,213.72	23.2	54.0
1992-93	208,602	1,767.43	84,727.38	3,400.33	21.4	28.5
1993-94	243,960	2,503.62	102,624.20	4,118.58	16.9	41.7
1994-95	307,337	3,575.27	116,330.61	4,668.66	26.0	42.8
1995-96	296,277	3,501.11	118,170.16	4,742.48	- 3.6	- 2.1
1996-97	378,199	4,121.36	108,973.32	4,373.39	27.7	17.7
1997-98	385,818	4,697.48	121,753.78	4,886.30	2.0,	14.0
1998-99	302,934	4,626.87	152,735.24	6,129.66	-21.5	-1.50

Source: Marine Products Export Development Authority, Kochi

TABLE 26: EXPORT OF MARINE PRODUCTS BY MARKET, 1996-1999

Market		1996-97		1997-98		1998-99	
		Q/V	%	Q/V		Q/V	%
Japan	<i>Q</i>	64,656	17.1	70,955	18.4	67,277	22.2
	V	1,886.04	45.8	2,32609	49.5	2,295.48	49.6
U.S.A	<i>Q</i>	29,792	7.9	32,914	8.5	34,472	11.4
	V	436.05	10.6	583.75	12.4	617.32	13.3
European Union	<i>Q</i>	71,192	18.8	34,875	9.0	54,261	17.9
	V	790.11	19.2	412.53	8.8	684.62	14.8
South East Asia Including China	<i>Q</i>	189,456	50.1	218,263	56.6	116,610	38.5
	V	85444	207	1,13909	24.3	766.06	16.6
Middle East	<i>Q</i>	9,672	2.6	17,618	4.6	17,274	5.7
	V	6356	1.5	144.66	3.1	147.97	3.2
Others	<i>Q</i>	13,431	3.5	11,193	2.9	13,040	4.3
	V	91.16	2.2	91.36	1.9	115.42	2.5
Total	<i>Q</i>	378,199	100.0	385,818	100.0	302,934	100.0
	V	4,121.36	100.0	4,697.48	100.0	4626.87	100.0

Q - Quantity in Metric Tonnes

V - Value in Rs. Crores

**TABLE 27: MONTHLY PER CAPITA CONSUMPTION OF FISH (QUANTITY) BY STATE!
UNION TERRITORY**

State/Union Territory	Quantity consumed (Kg)		No. of households per 1000 households reporting consumption	
	Rural	Urban	Rural	Urban
1. Andhra Pradesh	0.11	0.08	259	206
2. Arunachal Pradesh	0.29	0.48	151	640
3. Assam	0.43	0.54	942	859
4. Bihar	0.12	0.13	349	358
5. Goa	1.36	1.91	862	817
6. Gujarat	0.02	0.04	79	98
7. Haryana	Neg.	Neg.	1	16
8. Himachal Pradesh	Neg.	Neg.	10	9
9. Jammu & Kashmir	Neg.	0.01	7	19
10. Karnataka	0.14	0.14	135	117
11. Kerala	1.35	1.62	857	828
12. Madhya Pradesh	0.06	0.04	200	149
13. Maharashtra	0.11	0.16	167	259
14. Manipur	0.34	0.44	638	784
15. Meghalaya	0.32	0.47	689	800
16. Mizoram	0.17	0.10	341	318
17. Nagaland	0.26	0.39	501	743
18. Orissa	0.29	1.94	586	884
19. Punjab	Neg.	Neg.	4	5
20. Rajasthan	Neg.	0.01	7	12
21. Sikkim	0.01	0.08	47	197
22. Tamil Nadu	0.17	0.17	272	339
23. Tripura	0.89	0.89	645	945
24. Uttar Pradesh	0.04	0.02	99	55
25. West Bengal	0.54	0.72	907	804
26. Andaman & Nicobar Islands	1.40	1.05	808	691
27. Chandigarh	0.02	0.01	91	35
28. Dadra & Nagar Haveli	0.39	0.28	615	514
29. Daman & Diu	1.07	4.12	520	906
30. Delhi	0.03	0.03	66	73
31. Lakshadweep	3.79	361	938	942
32. Pondicherry	0.69	0.71	913	714

Source: National Sample Survey 50th Round

**TABLE 28: CONTRIBUTION OF FISHERIES SECTOR TO GROSS DOMESTIC PRODUCT
(CURRENT PRICES)**

(Rs. Crores)

Year	Total GDP	GDP from		GDP from fisheries as % of	
		Agriculture	Fisheries	Total GDP	GDP from Agriculture
1970-71	39,708	16,821	245	0.62	1.46
1971-72	42,248	17,105	263	0.62	1.54
1972-73	46,473	18,772	305	0.66	1.62
1973-74	56,954	24,836	393	0.69	1.58
1974-75	67,039	27,057	454	0.68	1.68
1975-76	71,201	26,651	567	0.80	2.13
1976-77	76,536	27,105	601	0.79	2.22
1977-78	87,351	32,238	618	0.71	1.92
1978-79	93,880	32,815	738	0.79	2.25
1979-80	102,442	33,586	768	0.75	2.29
1980-81	122,427	42,466	921	0.75	2.17
1981-82	143,216	47,736	1,008	0.70	2.11
1982-83	159,395	50,527	1,174	0.74	2.32
1983-84	186,723	61,318	1,448	0.78	2.36
1984-85	208,533	65,181	1,716	0.82	2.63
1985-86	233,799	69,964	1,974	0.84	2.82
1986-87	260,030	74,405	2,250	0.87	3.02
1987-88	294,851	83,515	2,686	0.91	3.22
1988-89	352,703	104,103	3,142	0.89	3.02
1989-90	408,661	115,447	3,781	0.93	3.28
1990-91	475,604	135,162	4,556	0.96	3.37
1991-92	551,552	162,317	5,300	0.96	3.27
1992-93	627,913	184,536	6,649	1.06	3.60
1993-94	799,077	242,438	9,074	1.14	3.74
1994-95	943,408	284,042	11,099	1.18	3.91
1995-96	1,103,238	312,791	12,729	1.15	4.07
1996-97	1,285,259	376,091	15,055	1.17	4.00
1997-98	1,384,446	387,445	19,555	1.41	5.04
1998-99*	1,612,383	469,340	22,223	1.38	4.73

* Quick estimates

Source: Central Statistical Organisation