



FISH CATCH STATISTICS OF BANGLADESH

1984-85

DEPARTMENT OF FISHERIES



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PREFACE

This is the second publication of the catch statistics of Bangladesh for 1984-85 following the first one for 1983-84.

Formats of the statistical tables included in this publication are exactly the same as those of the previous year publication. It is therefore possible to compare data in this publication with those in the previous year publication for all the data included. The catch statistics of 1984-85 may also be used as base year data for the Third Five Year Plan of Bangladesh.

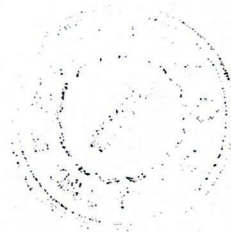
It is hoped that the catch data may be used for planning development and management of the fisheries in Bangladesh.

(MD. LIAQUAT ALI)

*Project Director
Fisheries Resources Survey System
Department of Fisheries
Bangladesh
Dhaka*

(A. Q. CHOWDHURY)

*Director of Fisheries
Bangladesh
Dhaka*



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1. *Journal of the American Medical Association*, 1997; 278: 1021-1025.

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TABLES OF CATCH STATISTICS (JULY 1984—JUNE 1985)

Table 1—Annual Total Catch and Area productivities by sectors of fisheries for June 1984—July 1985 .

Sector of Fisheries	Total Catch	Water Area	Catch/ Area
	Metric Ton	Hectare	Kg/Hectar
A. Inland fisheries			
(a) Capture			
1. Rivers & estuaries except Sundarban area.	213,057	1,031,563	213
2. Sundarban...	6,825		
3. Beels ...	45,893	114,161	402
4. Kaptai lake ...	2,700	68,800	39
5. Flood lands ...	194,130	2,832,792	69
Capture total	462,605(59.8%)	4,047,316	
(b) Culture			
1. Ponds ...	111,567	146,890	760
2. Baors ...	962	5,488	175
3. Shrimp farms ...	11,282	64,246	176
Culture Total	123,811(16.0%)	216,624	
Inland Total	586,416(75.8%)	4,263,940	
B. Marine Fisheries			
(a) Industrial fisheries (traw)	12,440		
(b) Artisanal fisheries ...	175,123		
Marine total	187,563(24.2%)		
Country total catch	773,979(100%)		

- SOURCE : 1. Total catch by sectors of the inland fisheries except Kaptai Lake and Sundarban area were estimated by the Fisheries Resources Survey System of the Directorate of Fisheries.
2. Kaptai Lake catch has been estimated by BFDC and Sundarban catch by Forest Department.
3. Total catch of the marine fisheries were estimated by the Marine Fisheries Department.

TABLE 4—Annual Total Catch of the Riverine Fisheries, 1984-85

PRINCIPAL RIVERS (a) ANNUAL CATCH BY SPECIES

[Unit: Metric Ton]

Name of River	Major carp	Other carp	Cat fish	Live fish	Hilsa	Big shrimp	Small shrimp	Misc.	Total
Lower Meghna	..	359	..	2,376	..	33,162	516	512	5,538
Upper Meghna	..	304	147	227	..	1,971	1,511	1,418	4,846
Sub-Total	..	663	147	2,603	..	35,133	2,027	1,930	10,384
Lower Padma	..	15	3	364	..	4,387	214	..	1,480
Upper Padma	..	166	..	677	..	866	..	144	3,779
Sub-total	..	181	3	1,041	..	5,253	214	144	5,259
Jamuna	..	269	213	485	..	593	..	114	5,978
Brahmaputra	..	79	2	413	..	77	34	427	2,619
Sub-total	..	348	215	898	..	670	34	541	8,597
Total	..	1,192	365	4,542	..	41,056	2,275	2,615	24,240

(b) PERCENTAGE BY SPECIES

[Units %]

Name of River	Major carp	Other carp	Cat fish	Live fish	Hilsa	Big shrimp	Small shrimp	Misc.	Total
Lower Meghna	..	0.9	..	5.6	..	78.1	1.2	1.2	13.0
Upper Meghna	..	2.9	1.4	2.2	..	18.9	14.5	13.6	46.5
Sub-total	..	1.3	0.3	4.9	..	66.4	3.8	3.7	19.6
Lower Padma	..	0.2	0.1	5.6	..	67.9	3.3	..	22.9
Upper Padma	..	2.9	..	12.0	..	15.4	..	2.6	67.1
Sub-total	..	1.5	0.0	8.6	..	43.4	1.8	1.2	43.5
Jamuna	..	3.5	2.8	6.3	..	7.7	..	1.5	78.2
Brahmaputra	..	2.2	0.1	11.3	..	2.1	1.0	11.7	71.6
Sub-total	..	3.1	1.9	7.9	..	5.9	0.3	4.8	76.1
Total	..	1.6	0.5	6.0	..	53.8	2.9	3.4	31.8

SOURCE: Catch Assessment Survey of Riverine Fisheries conducted by the Fisheries Resources Survey System.

Table 5—Annual Catch in Principal Rivers by Districts by Species 1984-85

[Unit: Metric Ton]

Name of River	Major carp	Other carp	Cat fish	Live fish	Hilsa	Big shrimp	Small shrimp	Misc.	Total
Lower Meghna	359	..	2,376	..	33,162	516	512	5,538	42,463
Noakhali	..	30	..	89	..	4,939	89	54	1,437
Comilla	..	168	..	262	..	3,778	31	176	510
Barisal	..	161	..	2,024	..	24,415	395	282	3,589
Faridpur	..	..	..	1	..	30	1	..	2
Upper Meghna	304	147	227	..	1,971	1,511	1,418	4,846	10,424
Comilla	..	80	25	38	..	521	417	269	1,289
Sylhet	..	37	64	100	..	349	183	411	709
Dhaka	..	129	40	62	..	838	672	434	2,080
Mymensingh	..	58	18	27	..	263	239	304	768
Lower Padma	15	3	364	..	4,387	214	..	1,480	6,463
Dhaka	..	5	1	118	..	1,429	69	..	481
Faridpur	..	10	2	246	..	2,958	145	..	999
Upper Padma	166	..	677	..	866	..	144	3,779	5,632
Kushtia	..	56	..	218	..	285	..	47	1,289
Rajshahi	..	8	..	65	..	43	..	9	206
Pabna	..	63	..	241	..	329	..	54	1,397
Faridpur	..	39	..	153	..	209	..	34	887
Jamuna	..	269	213	485	..	593	..	114	5,978
Dhaka	..	..	..	..	..	..	..	86	286
Tangail	..	12	3	14	..	..	..	13	263
Bogra	..	56	42	69	..	4	..	22	1,062
Pabna	..	201	168	402	..	589	..	43	4,367
Brahmaputra	79	2	413	..	77	34	427	2,619	3,651
Rangpur	..	68	2	409	..	77	34	382	2,345
Jamalpur	..	11	..	4	..	..	..	45	274

SOURCE: Catch Assessment Survey of Riverine Fisheries conducted by the Fisheries Resources Survey System.

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TABLE 6—Annual Catch in Other Rivers by Districts by Species 1984-85

[Unit: M.T.]

Old Districts	Major carp	Other carp	Cat fish	Live fish	Hilsa	Big shrimp	Small shrimp	Misc.	Total
Chittagong and C.H.Ts.	207	..	169	..	432	2,439	3,939	11,577	18,763
Comilla	..	207	..	188	..	181	..	429	2,291
Noakhali	..	73	..	66	..	65	..	152	813
Sylhet	..	1,700	706	1,267	334	266	..	..	3,318
Dhaka	..	3	6	2	2	..	..	341	6,599
Faridpur	..	11	3	41	14	952	..	43	1,332
Jamalpur	..	33	45	5	5	..	2	..	1,149
Mymensingh	..	2,976	1,321	2,164	589	445	1	..	8,420
Tangail	..	199	88	145	39	30	2	..	564
Barisal	..	293	5	820	58	12,103	..	2,071	4,202
Jessore	..	11	2	80	13	250	..	111	1,391
Khulna	..	479	..	433	..	418	..	988	5,282
Kushtia	..	164	3	141	11	217	..	355	1,761
Patuakhali	..	1,026	..	1,722	..	16,707	..	4,104	13,080
Bogra;	..	..	..	..	..	..	..	56	1,545
Dinajpur	..	389	..	82	18	..	..	28	761
Pabna	..	301	..	445	..	..	..	238	1,730
Rajshahi	..	15	..	53	..	197	..	..	1,395
Rangpur	..	360	..	169	14	9	..	385	1,893
Total	..	8,447	2,179	7,992	1,097	32,272	2,442	13,240	69,103
%	..	6.2	1.6	5.8	0.8	23.6	1.8	9.7	50.5

REMARKS: 1. Catch of Chittagong Hill Track is included in Chittagong.

2. Catch in Sundarbans is not included in Khulna.

SOURCE: Catch Assessment Survey of Riverine Fisheries conducted by the Fisheries Resources Survey System.

Table 7—Annual Catch in All Rivers by Districts by Species 1984-85

[Unit : M.T.]

Old Districts	Major carp	Other carp	Cat fish	Live fish	Hilsa	Big shrimp	Small shrimp	Misc.	Total
Chittagong and C.H.Ts.	207	..	169	..	432	2,439	3,939	11,577	18,763
Comilla	455	25	488	..	4,480	448	874	4,090	10,860
Noakhali	103	..	155	..	5,004	89	206	2,027	7,807
Sylhet	1,737	770	1,367	334	615	183	411	4,027	9,444
Dhaka	137	47	182	2	2,267	741	811	9,446	13,633
Faridpur	60	5	441	14	4,149	146	77	3,220	8,112
Jamalpur	44	45	9	5	..	2	45	1,423	1,573
Mymensingh	3,034	1,339	2,191	589	708	240	304	9,188	17,593
Tangail	211	91	159	39	30	..	13	827	1,370
Barisal	454	5	2,844	58	36,518	395	2,353	7,791	50,418
Jessore	11	2	80	13	250	..	111	1,391	1,858
Khulna	479	..	433	..	418	..	988	5,282	7,600
Kushtia	220	3	359	11	502	..	402	3,050	4,547
Patuakhali	1,026	..	1,722	..	16,707	..	4,104	13,080	36,639
Bogra	56	42	69	..	4	..	78	2,607	2,856
Dinajpur	389	..	82	18	..	..	28	761	1,278
Pabna	565	168	1,088	..	918	..	335	7,494	10,568
Rajshahi	23	..	118	..	240	..	9	1,601	1,991
Rangpur	428	2	578	14	86	34	767	4,238	6,147
Total	.. 9,639	2,544	12,534	1,097	73,328	4,717	15,855	93,343	213,057
%	..	4.5	1.2	5.9	0.5	34.4	2.2	7.5	43.8

TABLE 8—Annual Total Catch of the Beel Fisheries, 1984-85

Old District			Area of Beels in Hectare	Estimated Annual Total Catch in M.T.
Chittagong	...	...	456	110
Comilla	...	...	1,103	267
Noakhali	...	...	3	1
Sylhet	...	...	32,700	15,519
Dhaka	...	...	4,918	1,191
Faridpur	...	...	1,915	421
Mymensingh	...	...	29,406	13,734
Tangail	...	...	2,333	1,003
Barisal	...	...	79	14
Jessore	...	...	5,037	1,083
Khulna	...	...	365	78
Kushtia	...	...	2,197	472
Patuakhali	...	...	...	..
Bogra	...	...	3,801	845
Dinajpur	...	...	1,252	288
Pabna	...	...	3,255	1,351
Rajshahi	...	...	19,849	8,240
Rangpur	...	...	5,492	1,276
Total	...	...	114,161	45,893

SOURCE: Area of beels: SPARRSO report (Beels and Dead rivers).
Productivity: Catch Assessment Survey of Beels by the Fisheries
Resources Survey System.

TABLE 9—Annual Catch of Kaptai Lake (1984-85)

Name of Fish						Catch in M. ton
Ruhi	...	...	...	...	...	47
Katla	...	...	...	...	...	86
Mrigal	...	...	...	...	...	21
Chital	...	...	...	...	...	109
Kalibaush	...	...	...	...	...	60
Air	...	...	...	...	...	57
Gonia	...	...	...	...	...	251
Punti	...	...	...	...	...	8
Boal	...	...	...	...	...	31
Baim	...	...	...	...	...	11
Gojar/Shol	...	...	...	...	...	36
Fali	...	...	...	...	...	77
Bacha	...	...	...	...	...	30
Tengra/Pabda	...	...	...	...	...	20
Chapila	...	...	...	...	...	1,605
Others	...	...	...	...	...	251
Total						2,700

SOURCE : BFDC (Bangladesh Fisheries Development Corporation)

TABLE 10—Annual Total Catch in Flood lands (1984-85)

Old District	No. of subsistence fisheries households ('000)	Average catch per household (Kg.)	Total Catch estimated (M.T)
Chittagong	428	18.74	8,021
Chittagong H.T.	68	18.74	1,274
Comilla	757	20.51	15,526
Noakhali	324	24.75	8,019
Sylhet	686	14.34	9,837
Dhaka	967	24.95	24,127
Faridpur	579	21.66	12,541
Jamalpur	272	9.63	2,619
Mymensingh	699	9.63	6,731
Tangail	247	9.63	2,379
Barisal	547	21.04	12,077
Jessore	497	25.39	12,619
Khulna	289	34.61	10,002
Kushtia	201	48.03	9,652
Patuakhali	253	52.82	13,363
Bogra	342	31.52	10,780
Dinajpur	408	12.21	4,982
Pabna	367	31.52	11,565
Rajshahi	747	10.94	8,172
Rangpur	806	12.21	9,841
Total	9,511	20.41	194,130

SOURCE : Catch Assessment Survey of Subsistence Fisheries by the Fisheries Resources Survey System.

TABLE 11—Total Area and Total Production of Ponds by Districts (1984-85)

Old District	Total Area of ponds (Acre)				Total Production of ponds (Ton)			
	Cultured	Cultura- ble	Derelict	Total	Cultured	Cultura- ble	Derelict	Total
Chittagong	17,850	16,211	1,288	35,349	6,783	1,329	72	8,184
Comilla ..	22,546	7,695	3,243	33,484	16,910	654	162	17,726
Noakhali ..	18,653	6,366	2,683	27,702	13,990	541	156	14,687
Sylhet ..	4,946	6,901	10,583	22,430	1,697	462	466	2,625
Dhaka ..	6,091	6,876	3,990	16,957	2,704	831	187	3,722
Faridpur ..	5,612	6,335	3,675	15,622	2,491	691	232	3,414
Jamalpur ..	1,509	1,042	994	3,545	630	79	103	812
Maymensingh ..	16,779	3,188	1,874	21,841	7,013	242	195	7,450
Tangail ..	1,533	1,059	1,010	3,602	641	80	105	826
Barisal ..	17,790	6,819	4,463	29,072	8,361	934	268	9,563
Jessore ..	14,508	2,380	784	17,672	7,544	231	13	7,788
Khulna ..	10,282	1,684	1,339	13,305	4,935	163	23	5,121
Kushtia ..	2,125	871	790	3,786	978	100	23	1,101
Patuakhali ..	9,980	3,826	2,504	16,310	4,691	406	200	5,297
Bagra ..	7,254	4,724	2,051	14,029	3,272	496	154	3,922
Dinajpur ..	12,251	7,979	3,464	23,694	5,219	838	260	6,317
Pabna ..	5,582	8,207	4,508	18,297	2,517	862	388	3,767
Rajshahi ..	11,155	16,401	9,009	36,565	5,031	1,722	675	7,428
Rangpur ..	2,912	2,171	4,635	9,718	1,241	228	348	1,817
Total ..	189,358	110,735	62,887	362,980	96,648	10,889	4,030	111,567
%	52.2	30.5	17.3	100	86.6	9.8	3.6	100.0

Remarks: Total production were calculated with productivities by Districts by conditions of Pond obtained by the Catch Assessment Survey of ponds.

Source: Area: Calculated on the basis of data of 40 sample thana of SPARRSO report.
Productivities: Catch Assessment Survey of Ponds by Fisheries Resources Survey System.

TABLE 12 :—Annual Total Catch of Baors for 1984-85

Old District				Area of Baors in Hectare	Catch of Baors in Metric Ton
Faridpur	...	...	...	965	169
Jessore	...	...	...	2,734	531
Khulna	...	...	...	331	58
Kushtia	...	...	...	1,458	204
Total	...	...	...	5,488	962

SOURCE : Area : SPARRSO report.

Productivities : Fisheries Resources Survey System.

TABLE 13 :—Annual Total Catch of Shrimp Farms 1984-85

Old District			Area of Shrimp farm in Hectare	Catch in Metric Ton		
				Shrimp	Fish	Total
Chittagong	...	...	23,437	2,553	1,657	4,210
Khulna	...	...	39,453	4,878	1,951	6,829
Jessore	...	...	523	57	37	94
Patuakhali	...	...	52	5	4	9
Barisal	...	...	781	85	55	140
TOTAL:	...	...	64,246	7,578	3,704	11,282

REMARKS : 1 Catch was estimated with the following productivities.

Khulna : Shrimp 123.65 Kg/Hectare

Fish 49.45 Kg/Hectare

Chittagong and : Shrimp 108.93 Kg/Hectare

Other Districts : Fish 70.69 Kg/Hectare

2. Area of shrimp farm for the year 1984-85 was estimated on the basis of the shrimp farm area (51,812ha) in 1983-84 and the change rate of farm area from 1983-84 to 1984-85 obtained from a sample survey.

SOURCE : Fisheries Resources Survey System.

Table : 14—Annual Total Catch of the Marine Fisheries for 1984-85

[Catch in M.T.]

1. Trawl fishing		Total Catch		
Type of Trawlers	No. of Trawler	Shrimp	Fish	Total
Shrimp trawler	... 30	2,500	1,700	4,200
Fish trawler ...	... 37	640	7,600	8,240
Total	... 67	3,140	9,300	12,440
2. Gill net fishing		No. of Mechanized boats.	Total Catch	
Small meshed gill net	... 2,900		98,000	
Large meshed gill net	... 100		3,500	
Total	... 3,000		1,01,500 (70% Hilsa)	
3. Set bag net fishing		No. of Gear	Total Catch	
Seasonal (Nov.—Feb.)	... 4,775		40,591	
All season	... 7,410		18,032	
Total	... 12,185		58,623	
4. Long line fishing		No. of boats	Total Catch	
Jew fish long line	... Mechanized 300 Non-mechanized 350		3,000 (jew fish)	
5. Transmel net		No. of boats	Total Catch	
	100		500 (Shrimp)	
6. Other gear		No. of boats	Total Catch	
	1,000		11,500	
7. Marine Total Catch			187,563	

Table 15—Comparison of Annual Total Catches of 1984-85 with those of 1983-84 appearing in Table 1's.

Sector of fisheries	Annual Total Catch (M. Ton)		Increase (B)-(A)	Percent Increase	
	1983-84 (A)	1984-85 (B)			
A. Inland fisheries					
(a) Capture					
1. Rivers & estuaries except Sundarban	...	207,766	213,057	5,291	2.5
2. Sundarban	...	7,783	6,825	-958	-12.3
3. Beels	...	51,373	45,893	-5,420	-10.
4. Kaptai lake	...	4,057	2,700	-1,357	-33.
5. Flood lands	...	200,616	194,130	-6,486	-3.2
Capture total	...	471,595	462,605	-8,990	-1.9
(b) Culture					
1. Ponds	...	107,944	111,567	3,623	3.4
2. Baors	...	862	962	100	11.6
3. Shrimp farms	...	8,219	11,282	3,063	37.3
Culture total	...	117,025	123,811	6,786	5.8
Inland total	...	588,620	586,416	-2,204	-0.4
B. Marine fisheries					
(a) Industrial fisheries (trawl)					
(a) Industrial fisheries (trawl)	...	14,500	12,440	-2,060	-14.2
(b) Artisanal fisheries					
(b) Artisanal fisheries	...	150,382	175,123	24,741	16.5
Marine total	...	164,882	187,563	22,641	13.76
Country Total	...	7,53,502	773,979	20,477	2.7

BGP-86/87-5431B-1000-87.

