



FISH CATCH STATISTICS OF BANGLADESH

1985-86

DEPARTMENT OF FISHERIES



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BANGLADESH**

1985-86

DEPARTMENT OF FISHERIES

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PREFACE

This is the third publication of the Catch Statistics of Bangladesh for the year 1985-86. In addition to the information provided in the previous publication, this issue contains statistics on species composition of catch in different water bodies and carp spawn/hatchling (fry) production from natural and artificial sources.

The carp-spawn/hatchling production statistics from natural sources has been estimated by sample survey while those from artificial sources (hatchery) have been estimated by complete survey conducted by the Upazila and Zila Fishery Officers of the Department of Fisheries (DOF).

Inland catch statistics have been collected by the field officers of the Fisheries Resources Survey System (FRSS) of the DOF following the methodology developed under FRSS project. Marine Industrial catch statistics have been estimated by the Marine Wing of the DOF on the basis of catch record provided by owner of the fishing trawlers and monitored by officers of the Marine Wing of the DOF. The Marine Artisanal catch has been estimated jointly by Marine Wing and FRSS of the DOF on the basis of sample catch statistics collected by FRSS and Marine Wing.

From the three years catch statistics (1983-84 to 1985-86) it appears that catch from inland capture fisheries has shown a gradual decreasing trend by an average of 3%, while catch from inland culture fishery has increased significantly by 11% in 1985-86. The Marine Industrial catch has decreased by an average of 8% mainly due to control measures imposed on the number of fishing vessels in the Bay of Bengal. The Marine Artisanal catch has shown an upward trend with an average annual increase of 15%. Such an increase can be attributed to the increase of fishing effort and mechanization of fishing crafts.

It is hoped that the statistics provided in the publication would be useful for planning, development and management of the fisheries in Bangladesh.

Any comments/suggestion for improving the fishery statistics is always appreciated.

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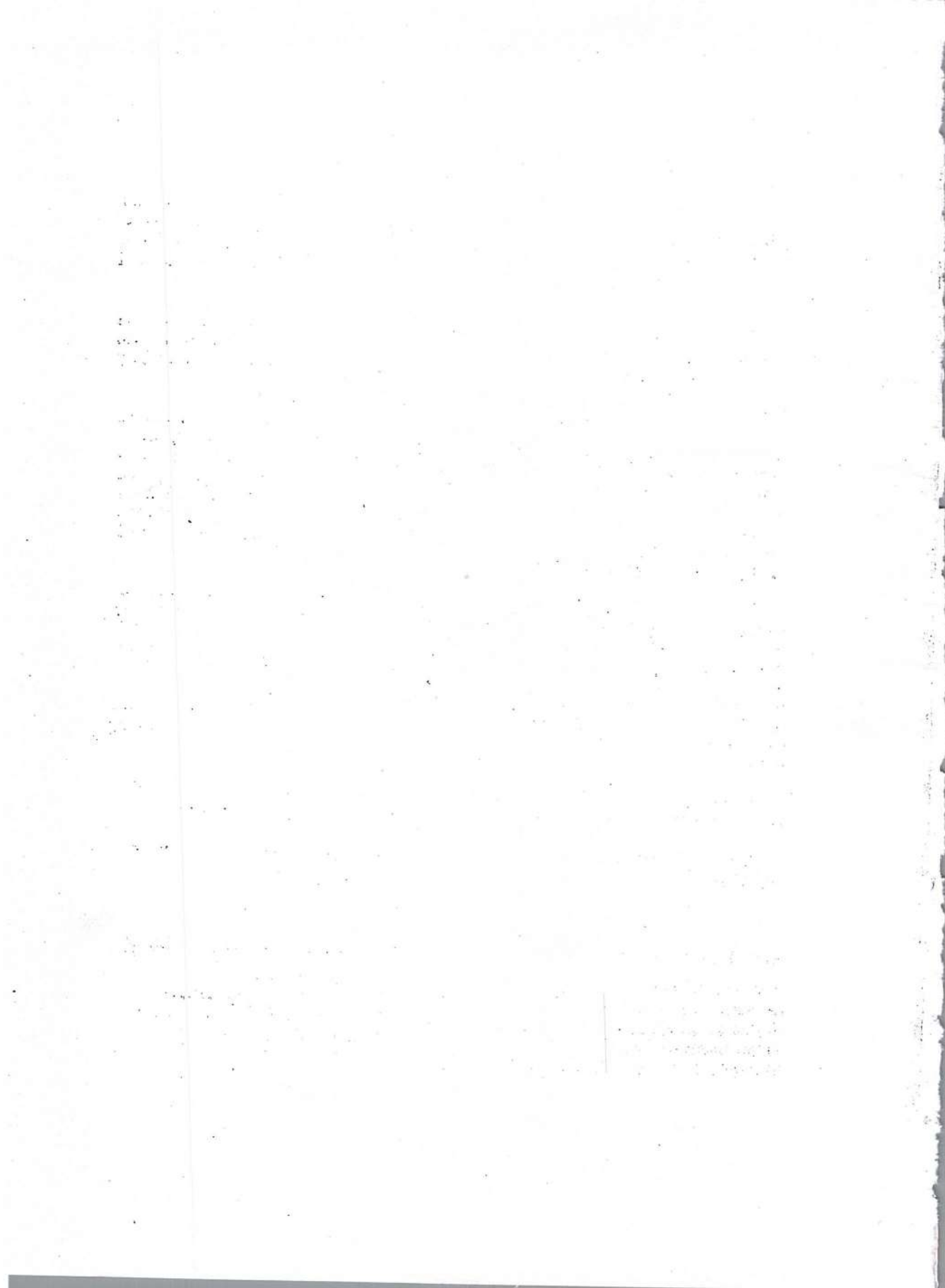


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**TABLE 1: Annual Total Catch and Area Productivities by Sectors of Fisheries,
July, 1985—June, 1986.**

Sector of Fisheries		Total Catch (M. Ton)	Water Area (H. ctare)	Catch/Area (Kg/ha.)
A. INLAND FISHERIES				
(a) Capture :				
1. Rivers & estuaries except Sundarban area.		199,600	1,031,563	200
2. Sundarban	..	7,112	..	..
3. Beels	..	45,258	114,161	396
4. Kaptai Lake	..	2,433	68,800	35
5. Flood lands	..	187,396	2,832,792	66
Capture Total	..	441,799 (55.7%)	..	..
(b) Culture :				
1. Ponds	..	123,804	146,890	843
2. Baors	..	968	5,488	176
3. Shrimp Farms	..	19,951	87,300	229
Culture Total	..	144,723 (18.2%)	..	..
Inland Total	..	586,522 (73.9%)	..	..
B. MARINE FISHERIES				
(a) Industrial Fisheries (Trawl)	..	11,898	..	..
(b) Artisanal Fisheries	..	195,503	..	..
Marine Total	..	207,401 (26.1%)	..	..
Country Total	..	793,923 (100%)	..	..

TABLE 2 : Species-groupwise Catch in Inland and Marine Fisheries, 1985-86.

[Unit : Metric Ton]

Species-group		Inland Fisheries	Marine Fisheries	Total	%
Major Carp	.. ..	85,275	..	85,275	10.74
Other Carp	.. ..	17,972	..	17,972	2.26
Cat fish	.. ..	29,924	..	29,924	3.77
Snake head	.. ..	21,754	..	21,754	2.74
Live fish	.. ..	14,563	..	14,563	1.84
Other inland fish	.. ..	253,451	..	253,451	31.92
Hilsa/Ilish	.. ..	94,794	96,294	191,088	24.07
Bombay duck	.. ..	..	21,811	21,811	2.75
Indian Salmon	.. ..	..	639	639	0.08
Pomfret	.. ..	..	2,947	2,947	0.37
Jew fish	.. ..	..	6,680	6,680	0.84
Sea Cat fish	.. ..	..	6,249	6,249	0.79
Sarks & rays	.. ..	..	4,371	4,371	0.55
Other marine fish	.. ..	..	60,829	60,829	7.66
Shrimp	.. ..	68,789	7,581	76,370	9.62
Total	.. ..	586,522	207,401	793,923	100
%	.. ..	73.88	26.12	100	

TABLE 3: Annual Total Catch of the Inland Waters by Districts, 1985-86.

[Unit : Metric Tonn]

Old District	Rivers & estuaries.	Sundar-ban.	Beels.	Kaptai Lake.	Flood land.	Ponds	Baors	Shrimp Farms.	Total
Chittagong and C.H.T.	25,105	..	139	2,433	11,099	11,996	..	3,443	54,215
Comilla	17,307	..	337	..	16,145	17,960	..	..	51,749
Noakhali	11,960	..	1	..	7,919	15,186	..	4	35,070
Sylhet	11,847	..	16,993	..	15,259	5,561	..	..	49,660
Dhaka	13,134	..	1,500	..	19,594	3,627	..	..	37,855
Faridpur	2,111	..	414	..	11,481	4,599	125	..	18,730
Jamalpur	1,399	..	..	..	3,787	831	..	..	6,017
Mymensingh	9,850	..	12,811	..	11,030	7,227	..	..	40,918
Tangail	689	..	839	..	2,920	1,097	..	..	5,545
Barisal	70,550	..	17	..	10,962	8,996	..	7	90,532
Jessore	667	..	1,106	..	10,475	8,616	612	45	21,521
Khulna	12,074	7,112	80	..	6,395	5,418	43	16,448	47,570
Kushtia	318	..	383	..	3,619	1,453	188	..	5,961
Patuakhali	10,706	..	..	..	4,678	5,047	..	4	20,435
Bogra	877	..	1,013	..	10,924	3,719	..	..	16,533
Dinajpur	174	..	292	..	5,396	8,540	..	..	15,402
Pabna	6,783	..	1,134	..	9,897	3,590	..	..	21,404
Rajshahi	365	..	6,916	..	12,374	7,899	..	..	27,554
Rangpur	3,684	..	1,283	..	13,442	2,442	..	..	20,851
Total	1,99,600	7,112	45,258	2,433	1,87,396	1,23,804	968	19,951	5,86,522
%	34.03	1.21	7.72	0.42	31.95	21.11	0.16	3.40	100

Source: (1) Catch Assessment Survey.

(2) Beel Catch of Jamalpur is included in Mymensingh.

TABLE 4: Annual Catch of the Riverine Fisheries by Rivers by Districts, 1985-86.

[Unit: Metric Ton]

Old Districts	Principal Rivers						Other Rivers	Total
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahmaputra		
Chittagong & C.H.Ts. ..	..	..	..	..	..	..	25,105	25,105
Comilla	7,317	5,679	..	..	..	..	4,311	17,307
Noakhali	9,595	..	..	..	..	..	2,365	11,960
Sylhet	..	3,058	..	..	..	..	8,789	11,847
Dhaka	..	5,169	914	..	978	..	6,073	13,134
Faridpur	147	..	839	356	..	..	769	2,111
Jamalpur	..	..	..	..	788	126	485	1,399
Mymensingh	..	872	..	..	..	..	8,978	9,850
Tangail	..	..	..	..	207	..	482	689
Barisal	53,527	..	..	..	..	..	17,023	70,550
Jessore	..	..	..	..	..	..	667	667
Khulna	..	..	..	..	..	..	12,074	12,074
Kushtia	..	..	..	144	..	..	174	318
Patuakhali	..	..	..	..	..	..	10,706	10,706
Bogra	..	..	..	..	439	..	438	877
Dinajpur ¹	..	..	..	..	..	..	174	174
Pabna	..	..	..	1,520	1,381	..	1,882	6,783
Rajshahi	..	..	..	120	..	..	245	365
Rangpur	..	..	..	..	118	2,541	1,025	3,684
Total	70,586	14,778	1,753	2,140	5,911	2,667	1,01,765	1,99,600
%	35.4	7.4	0.9	1.1	3.0	1.3	50.9	100

source: Catch Assessment Survey.

TABLE 5 : Annual Total Catch in Principal Rivers, 1985-86.

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	40	5	649	0	63,169	3	484	6,236	70,586
Upper Meghna	452	44	464	0	3,778	81	1,706	8,253	14,778
Sub-Total	492	49	1,113	0	66,947	84	2,190	14,489	85,364
Lower Padma	25	2	174	0	1,294	3	6	249	1,753
Upper Padma	67	43	94	0	521	7	57	1,351	2,140
Sub-Total	92	45	268	0	1,815	10	63	1,600	3,893
Jamuna ..	132	366	913	0	459	7	172	3,862	5,911
Brahmaputra	41	34	183	0	82	83	81	2,163	2,667
Sub-Total	173	400	1,096	0	541	90	253	6,025	8,578
Total ..	757	494	2,477	0	69,303	184	2,506	22,114	97,835

b) Percentage by Species:

[Unit: %]

Name of River	Major carp.	Other carp.	Cat fish.	Live fish.	Hilsa	Big shrimp.	Small shrimp.	Misc.	Total
Lower Meghna	0.1	0.0	0.9	0.0	89.5	0.0	0.7	8.8	100
Upper Meghna	3.1	0.3	3.1	0.0	25.7	0.5	11.5	55.8	100
Sub-Total	0.6	0.1	1.3	0.0	78.3	0.1	2.6	17.0	100
Lower Padma	1.4	0.1	9.9	0.0	73.9	0.2	0.3	14.2	100
Upper Padma	3.1	2.0	4.4	0.0	24.4	0.3	2.7	63.1	100
Sub-Total	2.4	1.2	6.9	0.0	46.5	0.3	1.6	41.1	100
Jamuna ..	2.2	6.2	15.4	0.0	7.9	0.1	2.9	65.3	100
Brahmaputra	1.5	1.3	6.9	0.0	3.1	3.1	3.0	81.1	100
Sub-Total	2.0	4.7	12.8	0.0	6.4	1.0	2.9	70.2	100
Total ..	0.8	0.5	2.5	0.0	70.8	0.2	2.6	22.6	100

Source: Catch Assessment Survey.

TABLE 6 : Annual Catch in Principal Rivers by Districts by Species, 1985-86.

[Unit: Metric Ton]

Name of River	Major carp.	Other carp.	Cat fish.	Live fish.	Hilsa	Big shrimp.	Small shrimp.	Misc.	Total
Lower Meghna	40	5	649	0	63,169	3	484	6,236	70,586
Noakhali	0	0	172	0	5,650	0	194	3,579	9,595
Comilla	40	5	169	0	5,971	1	64	1,067	7,317
Barisal	0	0	308	0	51,418	2	226	1,573	53,527
Faridpur	0	0	0	0	130	0	0	17	147
Upper Meghna	452	44	464	0	3,778	81	1,706	8,253	14,778
Comilla	220	16	151	0	1,139	38	478	3,637	5,679
Sylhet	114	28	92	0	609	18	272	1,925	3,058
Dhaka	118	0	221	0	2,030	0	411	2,389	5,169
Mymensingh	0	0	0	0	0	25	545	302	872
Lower Padma	25	2	174	0	1,294	3	6	249	1,753
Dhaka	25	2	174	0	455	3	6	249	914
Faridpur	0	0	0	0	839	0	0	0	839
Upper Padma	67	43	94	0	521	7	57	1,351	2,140
Kushtia	0	0	0	0	68	0	45	31	144
Rajshahi	11	0	32	0	33	4	3	37	120
Pabna	56	43	62	0	234	3	9	1,113	1,520
Faridpur	0	0	0	0	186	0	0	170	356
Jamuna	132	366	913	0	459	7	172	3,862	5,911
Dhaka	12	38	150	0	13	0	25	740	978
Tangail	20	1	8	0	3	7	9	159	207
Bogra	7	24	7	0	7	0	6	388	439
Pabna	54	166	609	0	143	0	108	2,301	338
Rangpur	4	19	19	0	38	0	3	315	118
Jamalpur	35	118	120	0	255	0	21	239	788
Brahmaputra	41	34	183	0	82	83	81	2,163	2,667
Rangpur	41	34	178	0	78	80	78	2,052	2,541
Jamalpur	0	0	5	0	4	3	3	111	126

Source : Catch Assessment Survey.

TABLE 7 : Annual Catch in other Rivers by Districts, by Species, 1985-86.

[Unit: Metric Ton]

Old Districts	Major Carp.	Other Carp.	Cat fish.	Live fish.	Hilsa	Big shrimp.	Small shrimp.	Misc	Total
Chittagong C.H.Ts.	58	29	122	0	11	763	15,188	8,934	25,105
Comilla	566	160	454	36	215	229	475	2,176	4,311
Noakhali	35	9	75	0	1,059	7	32	1,148	2,365
Sylhet	96	1,270	911	0	1,205	6	92	5,209	8,789
Dhaka	343	142	311	4	19	25	476	4,753	6,073
Faridpur	45	0	42	0	114	3	6	559	769
Jamalpur	0	6	8	1	18	0	9	443	485
Mymensingh	172	433	670	1	299	0	573	6,830	8,978
Tangail	9	4	7	0	4	2	9	447	482
Barisal	3	1	81	0	13,860	112	785	2,181	17,023
Jessore	6	0	2	0	279	0	199	181	667
Khulna	8	1	78	0	1,619	1,661	4,922	3,785	12,074
Kushtia	1	0	3	0	23	0	31	116	174
Patuakhali	0	0	1,158	0	5,797	135	424	3,192	10,706
Bogra	9	9	20	0	0	0	4	396	438
Dinajpur	0	0	28	0	0	0	0	146	174
Pabna	0	0	0	0	308	0	0	1,574	1,882
Rajshahi	5	0	21	0	0	0	0	219	245
Rangpur	31	38	131	0	0	13	88	724	1,025
Total ..	1,387	2,102	4,122	42	24,830	2,956	23,313	43,013	1,01,765
% ..	1.4	2.1	4.1	0.0	24.4	2.9	22.9	42.2	100

Remarks: 1. Catch of Chittagong Hill Tracts is included in Chittigong.

2. Catch in Sundarbans is not included in Khulna.

Source: Catch Assessment Survey.

TABLE 8 : Annual Catch in All Rivers by districts by Species, 1985-86.

[Unit : Metric Ton.]

Old Districts	Major Carp.	Other Carp.	Cat fish.	Live fish.	Hilsa	Big shrimp.	Small shrimp.	Misc.	Total
Chittagong & C.H.Ts.	58	29	122	0	11	763	15,188	8,934	25,105
Comilla	826	181	774	36	7,325	268	1,017	6,880	17,307
Noakhali	35	9	247	0	6,709	7	226	4,727	11,960
Sylhet	210	1,298	1,003	0	1,814	24	364	7,134	11,847
Dhaka	498	182	856	4	2,517	28	918	8,131	13,134
Faridpur	45	0	42	0	1,269	3	6	746	2,111
Jamalpur	35	124	133	1	277	3	33	793	1,39
Mymensingh	172	433	670	1	299	25	1,118	7,132	9,850
Tangail	29	5	15	0	7	9	1	606	689
Barisal	3	1	389	0	65,278	114	1,011	3,754	70,550
Jessore	6	0	2	0	279	0	199	181	667
Khulna	8	1	78	0	1,619	1,661	4,922	3,785	12,074
Kushtia	1	0	3	0	91	0	76	174	318
Patuakhali	0	0	1,158	0	5,797	135	424	3192	10,706
Bogra	16	33	27	0	7	0	10	784	877
Dinajpur	0	0	28	0	0	0	0	146	174
Pabna	110	209	671	0	685	3	117	4,988	6,783
Rajshahi	16	0	53	0	33	4	3	256	365
Rangpur	76	91	328	0	116	93	169	2,811	3,684
Total ..	2,144	2,596	6,599	42	94,133	3,140	25,819	65,127	199,600
% ..	1.1	1.3	3.3	0.0	47.2	1.6	12.9	32.6	100

TABLE 9 : Annual Total Catch of the Beel Fisheries, 1985-86.

Old District.		Area of Beels in Hectare.	Estimated Annual Total Catch in Metric Ton.
1. Chittagong	..	456	139
2. Comilla	..	1,103	337
3. Noakhali	..	3	1
4. Sylhet	..	32,700	16,993
5. Dhaka	..	4,918	1,500
6. Faridpur	..	1,915	414
7. Jamalpur	..	..	..
8. Mymensingh	..	29,406	12,811
9. Tangail	..	2,333	839
10. Barisal	..	79	17
11. Jessore	..	5,037	1,106
12. Khulna	..	365	80
13. Kushtia	..	2,197	383
14. Patuakhali	..	..	..
15. Bogra	..	3,801	1,013
16. Dinajpur	..	1,252	292
17. Pabna	..	3,255	1,134
18. Rajshahi	..	19,849	6,916
19. Rangpur	..	5,492	1,283
Total		114,161	45,258

Source : Area of Beels : SPARRSO report (Beels and Dead rivers.)

Catch : Catch Assessment Survey of Beels by the Fisheries Resources Survey System, 1983-86.

Note : Catch of Jamalpur is included in Mymensingh district.

TABLE 10 : Species Composition (Percentage of Weight) of Beel Catch, 1985-86.

Species.			Pile Fishery	Annual Fishery
1.	Rui (<i>Labeo rohita</i>)	.. ..	4.98	0.18
2.	Catla (<i>Catla catla</i>)	.. ..	6.80	..
3.	Mrigal (<i>Cirrhinus mrigala</i>)	.. ..	0.38	..
4.	Kalbasu (<i>Labeo Calbasu</i>)	.. ..	15.10	0.32
5.	Gonia (<i>Labeo-gonia</i>)	.. ..	9.71	0.24
6.	Boal (<i>Wallagonia attu</i>)	.. ..	5.15	12.38
7.	Aor (<i>Mystus aor</i>)	.. ..	4.50	13.54
8.	Shol/Gazar (<i>Channa spp.</i>)	.. ..	1.78	0.78
9.	Chital/Phali (<i>Notopteras spp.</i>)	.. ..	2.93	1.10
10.	Koi (<i>Anabas testudineus</i>)	.. ..	..	0.17
11.	Singi/Magur (<i>Neteropneustes fossilis/clarias batrachus</i>)	.. ..	0.01	0.23
12.	Sarpunti (<i>Puntius sarana</i>)	.. ..	6.91	2.55
13.	Big-shrimp	.. ..	..	..
14.	Small-shrimp	.. ..	0.51	5.85
15.	Carpio (<i>Cyprinus Carpio</i>)	.. ..	0.14	..
16.	Pabda (<i>Ompok pabda</i>)	.. ..	2.10	..
17.	Punti (<i>Puntius spp.</i>)	.. ..	..	9.64
18.	Tengra (<i>Mystus tengra</i>)	.. ..	..	4.35
19.	Baim (<i>Mastacembelus spp.</i>)	.. ..	..	0.23
20.	Chapila (<i>Gadusia chapra</i>)	.. ..	..	0.14
21.	Others	.. ..	38.64	48.30
Total			100	100

Note : Based on sample beels survey of old Mymensingh and Sylhet districts.

TABLE 11: Annual Catch of Kaptai Lake by Species, 1985-86.

Name of Fish	Catch in M. Ton.		
Rui (<i>Labeo rohita</i>)	..	..	79
Catla (<i>Catla catla</i>)	..	..	153
Mrigal (<i>Cirrhinus mrigala</i>)	..	..	52
Chital (<i>Notopteras chitala</i>)	..	..	248
Kalibaush (<i>Labeo caldasu</i>)	..	..	58
Aor (<i>Mystus aor</i>)	..	..	145
Gonia (<i>Labeo gonia</i>)	..	..	164
Punti (<i>Puntius spp.</i>)	..	..	4
Boal (<i>Wallagonia attu</i>)	..	..	17
Baim (<i>Nastacembelus spp.</i>)	..	..	7
Gozar/Shol (<i>Channa spp.</i>)	..	..	42
Fali (<i>Notopteras notopterus</i>)	..	..	128
Bacha (<i>Eutropiichthys vacha</i>)	..	..	19
Tengra/Pabda (<i>Mystus spp./Ompok pabda</i>)	..	..	14
Chapila (<i>Godusia chapra</i>)	..	..	563
Others	..	..	740
Total	..	..	2,433

Note : Bangladesh Fisheries Development Corporation.

TABLE 12 : Annual Total Catch in Flood-lands (Subsistence catch), 1985-86.

Old District.			No. of Subsistence Fisheries house-hold (‘000’).	Average catch per House- hold (Kg).	Total catch estimated (Metric Ton).
1.	Chittagong	.. ..	506	18.94	9,584
2.	Chittagong Hill Tracts	.. ..	80	18.94	1,515
3.	Comilla	.. ..	771	20.94	16,145
4.	Noakhali	.. ..	438	18.08	7,919
5.	Sylhet	.. ..	660	23.12	15,259
6.	Dhaka	.. ..	810	24.19	19,594
7.	Faridpur	.. ..	497	23.10	11,481
8.	Jamalpur	.. ..	381	9.94	3,787
9.	Mymensingh	.. ..	729	15.13	11,030
10.	Tangail	.. ..	193	15.13	2,920
11.	Barisal	.. ..	521	21.04	10,962
12.	Jessore	.. ..	547	19.15	10,475
13.	Khulna	.. ..	313	20.43	6,395
14.	Kushtia	.. ..	189	19.15	3,619
15.	Patuakhali	.. ..	229	20.43	4,678
16.	Bogra	.. ..	404	27.04	10,924
17.	Dinajpur	.. ..	491	10.99	5,296
18.	Pabna	.. ..	366	27.04	9,897
19.	Rajshahi	.. ..	719	17.21	12,374
20.	Rangpur	.. ..	854	15.74	13,442
Total			9,698	19.32	187,396

Source : Catch Assessment Survey of Subsistence Fisheries.

TABLE 13 : Species Group Composition (Percentage of Weight) of Subsistence Catch by District, 1985-86.

Old District	Carp	Cat Fish	Snake head.	Live Fish	Other Inland Fish.	Small Shrimp.	Total
Chittagong and C.H.T.	..	..	3.26	4.16	68.13	24.45	100
Comilla	5.80	3.65	3.13	5.66	59.76	22.00	100
Noakhali	7.85	17.09	8.66	8.79	48.97	8.64	100
Sylhet	..	..	..	..	67.37	32.63	100
Dhaka	..	1.66	14.78	4.67	68.39	10.50	100
Faridpur	..	5.85	6.92	7.37	78.54	1.32	100
Jamalpur	..	3.02	5.42	1.81	86.43	3.32	100
Mymensingh	1.61	4.84	6.98	3.04	83.53	..	100
Tangail	..	3.02	5.42	1.81	86.43	3.32	100
Barisal	..	..	4.45	20.71	52.76	22.08	100
Jessore	..	22.49	2.47	..	48.41	26.63	100
Khulna	2.75	16.88	30.96	15.61	29.89	3.91	100
Kushtia	..	..	38.98	..	61.02	..	100
Patuakhali	..	..	..	..	43.60	56.40	100
Bogra	..	..	19.58	17.58	54.75	8.09	100
Dinajpur	..	..	18.37	11.05	70.58	..	100
Pabna	..	..	2.93	1.20	94.75	1.12	100
Rajshahi	..	4.48	3.20	3.00	86.20	1.12	100
Rangpur	..	13.76	14.06	12.69	59.49	..	100
Country	1.00	5.60	8.31	5.47	68.18	11.44	100

Note : Based on sampled village study.

TABLE : 14 Total Area and Total Catch of Ponds by District 1985-86.

Old District	Total area of ponds (Acre)			Total production of ponds (Ton)		
	Cultured	Culturable	Derelict	Culture	Culturable	Derelict
Chittagong	17,850	16,211	1,288	8,550	3,347	99
Coxilla	22,546	7,695	3,243	15,985	1,493	482
Noakhali	18,653	6,366	2,683	14,326	638	222
Sylhet	4,946	6,901	10,583	1,959	1,464	2,138
Dhaka	6,091	6,876	3,990	3,070	163	394
Fairdipur	5,612	6,335	3,675	3,002	1,103	494
Jamalpur	1,509	1,042	994	622	74	135
Mymensingh	16,779	3,188	1,874	6,745	227	255
Tangail	1,533	1,059	1,010	763	138	196
Barisal	17,790	6,819	4,463	7,454	1,148	394
Jessore	14,508	2,380	784	8,241	314	61
Khulna	10,282	1,684	1,339	5,090	223	105
Kusthia	2,125	871	790	1,137	205	111
Patuakhali	9,980	3,826	2,504	4,182	644	221
Bogra	7,254	4,724	2,051	3,467	85	167
Dinajpur	12,251	7,979	3,464	6,603	1,421	516
Pabna	5,582	8,207	4,508	2,679	336	575
Rajshahi	11,155	16,401	9,009	5,511	1,046	1,342
Rangpur	2,912	2,171	4,635	1,613	138	691
Total	189,358	110,735	62,887	1,00,999	14,207	8,598
%	52.2	30.5	17.3	81.6	11.5	6.9
			100			100

Remark : Total catch were calculated with productivities by District by conditions of pond obtained by the Catch Assessment Survey of Pond.

Source : Area : Calculated on the basis of data of 40 sample Thana of SPARSO report.

: Productivity : Catch Assessment Survey of Ponds.

TABLE 16

Species Composition (percentage of weight) of Pond Catch (Cultured, culturable, derelict)

Species	Cultured %	Culturable %	Derelict %	Country %
1. Rui (<i>Labeo rohita</i>)	25.71	2.87	0.88	18.46
2. Catla (<i>Catla catla</i>)	35.62	4.48	1.24	25.66
3. Mrigal (<i>Cirrhinus mrigala</i>)	16.92	1.25	0.63	12.03
4. Kalbasu (<i>Labeo Calbasu</i>)	0.91	0.37	0.01	0.70
5. Minor-carp	0.28	0.58	0.07	0.31
6. Silver carp (<i>Hypophthalmichthys molitrix</i>)	8.55	0.58	0.10	6.05
7. Grass carp. (<i>Ctenopharyngodon idellus</i>)	1.83	0.09	..	1.28
8. Mirror carp	0.21	0.25	0.08	0.20
9. Tilapia (<i>Tilapia nilotica</i>)	0.84	3.73	0.70	1.35
10. Shrimp	0.19	1.96	2.03	0.75
11. Aor (<i>Mystus aor</i>)	0.19	0.50	0.10	0.23
12. Boal (<i>Wallagonia attu</i>)	0.08	2.79	2.21	0.84
13. Shol/Gazar/Taki (<i>Channa</i> spp.)	1.04	18.80	23.19	7.04
14. Chital/phali (<i>Notopterus</i> spp)	0.17	1.51	0.99	0.51
15. Koi (<i>Anabas testudineus</i>)	0.42	4.40	6.74	1.94
16. Shing Magur (<i>Heteropneustes possilis</i> <i>Clarias batrachus</i>)	0.75	5.86	10.21	2.87
17. Sar-Punti (<i>Puntius sarana</i>)	0.02	0.53	0.70	0.19
18. Punti (<i>Puntius</i> spp.)	1.93	22.55	22.60	8.26
19. Others	4.34	26.90	27.53	11.33
Total	100	100	100	100

Source : Based on sample pond study.

TABLE 17

Annual Total Catch of Baors, 1985-86

Old Districts	Area of Baors in Hectare	Catch of Baors in Metric Ton
Farid pur	.. 965	125
Jessore	.. 2,734	612
Khulna	.. 331	43
Kushtia	.. 1,458	188
Total	.. 5,488	968

(i) Catch rate of Govt. managed 7 Baors @ 390 Kg Hec. (Govt. managed Baors).

(ii) Catch rate of privately managed Baor @ 129 Kg/Hec. (Sampled Baors).

Govt. Managed Baors : (Borgobindapur, Baluhar, Joydia, Fatehpur, Marjad, Katgara and Jampa).

Sampled Baors: (Sarjad, Rajapur, Hamidpur, Kharincha, Simulia and (Private) Sirisdia).

Source: Area SPARRSO report.

Catch : Catch Assessment Survey.

TABLE 18

Species Composition (% of weight) of Baor catch, 1985-86.

Species	Govt. managed Baor	Privately managed Baor
1. Major Carp.	42.28	23.75
2. Other Carp.	0.04	...
3. Exotic Carp.	48.33	14.27
4. Cat fish	0.20	0.17
5 Snake head.	1.58	6.06
6. Live fish	0.47	0.37
7. Other fish	2.90	55.38
8. Shrimp	4.20	-
Total	100	100

Source : Catch Assessment Survey.

TABLE 19

Annual Total Catch of Shrimp Farm in 1985-86

Old Districts	Area of Shrimp Farms in Hectare.	Catch in Metric Ton		
		Shrimp	Fish	Total
Chittagong	24,755	2,597	846	3,443
Khulna	62,120	12,016	4,432	16,448
Jessore	328	34	11	45
Patuakhali	26	3	1	4
Barisal	45	5	2	7
Noakhali	26	3	1	4
Total ..	87,300	14,658	5,293	19,951

Remarks : 1. Catch was estimated with the following productivities.

Khulna	Shrimp	193.44	kg/ha.
	Fish	71.34	kg/ha.
Chittagong and Other Dist.	Shrimp	104.92	kg/ha.
	Fish	34.17	kg/ha.

2. Area of shrimp farm for the year 1985-86 has been estimated on basis of the Farm Survey conducted during 1986.

Source : Catch Assessment Survey.

TABLE 27 : (Contd.)

1	2	3	4	5	6	7	8	9	10	11	12
6. Tangail	Gopalpur Pargra, Botsuria	..	6	36	126	10	28-5-84 24-6-86	2	16	2550	
	Bhuapur Bhuapurgat	..	97	469	2133	23	28-5-84 24-6-86	2	704	4000	
	Sub-Total	..	103	505	2259	33	..	..	720	..	
7. Manikgonj	Shivalaya Arichaghat, Jafargong	10	103	300	20	14-5-86 2-7-86	1	313	1500-2000		
	Daulatpur BaChamara	10	43	245	15	14-5-86 2-7-86	2	23	..		
	Sub-Total	..	20	146	545	35	..	..	336	2300	
8. Pabna	Bera ChopChilonda	..	10	107	50	10	14-6-86 31-7-86	2	132	2500	
	Sub-Total	..	10	107	50	10	..	..	132	..	
BRAHMAPUTRA-JAMUNA			TOTAL	545	2993	11142	311	..	7,526	..	

TABLE 27 - (Contd.)

1	2	3	4	5	6	7	8	9	10	11	12
UPPER PADMA											
1. Rajshahi ..	Godagari	Sarangpur, Godagari, Anatali, Pinbona.	62	232	560	55	23-7-86 26-8-86	2	92	..	
	Poba	Gphamabona, Berpara, Bulonpur, Majardiar, Sahmakhdum, Sahpur.	127	633	713	124	23-7-86 26-8-86	2	159	..	
	Charghat	Charghat, Baral, Sluice-gate.	37	175	225	30	23-7-86 26-8-86	2	23	..	
		Sub-Total	..	226	1040	1498	209	..	274	..	
2. Pabna ..	Sujanagar	SukhChar, Sallabari Majulpara.	10	84	305	12	7-7-86 25-8-86	2	147	400-2000	
	Iswardi	Dhapri, Arambaria ..	2	53	39	4	15-8-86 25-8-86	1	13	400-2000	
		Sub-Total	..	12	137	344	16	..	160	..	
Kushtia ..	Bheranara	G.K. Mair Canal, Raitaghat.	7	70	128	20	4-7-86 1-8-86	2	18	1000-2000	
	Mirpur	Talbaria, Ranakoria ..	3	23	55	3	4-7-86 1-8-86	1	20	1000-2000	
	Daulatpur	..	6	50	6	7	1-8-86	2	67	1000-2000	
		Sub-Total	..	16	143	189	30	..	105	..	
UPPER PADMA (TOTAL)			..	254	1574	2031	255	..	535	..	

TABLE 27- (Contd.)

1	2	3	4	5	6	7	8	9	10	11	12
OWER PADMA											
Manikgonj	Harirampur	Ramkrishnapur	..	1	4	13	1	25-5-84 29-5-84 24-6-84 30-6-84	2	6	..
Sub-Total											
..	..	..	1	4	13	1	..	..	6	..	..
Rajbari	..	Goalundo	Dowladia, Char karna- sona.	16	35	303	27	3-6-84 9-7-84	2	70	..
Sub-Total											
..	..	..	..	16	35	303	27	..	..	70	..
Faridpur	Faridpur	UttarChar, Madhamdia, Dakhin Char, Kamar dangli, Char Baludhum, Amubikapur, Purba Kamarpur, PaCharChuna, Ghata, Toprakandi, De- kharChar, Bakumdia, CharKarnapur, Khabas- pur, Alipur.	187	782	3671	283	26-5-8 2-6-84 16-6-84 30-6-84 12-7-84 18-7-84	3	3071	1500-3000	..
Sadarpur	Choterkolarmatha, Monger Char.	18	99	341	36	28-5-84 30-5-84 20-5-84 25-6-84 5-7-84	3	309	2500-4000	..	..
Sub-Total											
..	..	..	205	881	4012	319	..	..	3380	..	..

TABLE 27—(Contd.)

1	2	3	4	5	6	7	8	9	10	11	12
Shariatpur	Jazira	PaerChar	..	8	32	149	5	13-6-86 26-6-86	3	110	3000
		Sub-Total	..	8	32	149	5	..	3	110	..
		Lower Padma (Total)	..	230	952	4477	352	..	..	3566	..
OLD BRAHMAPUTRA											
1. Jamalpur ..	Islampur	Kulkandi	..	7	57	116	7	28-5-86 28-7-86	175	175	3000-4000
	Jamalpur Sadar	Charagobinda Bari	..	3	3	35	3	28-5-86 28-7-86	2	23	3000-4000
		Sub-Total	..	10	60	151	10	..	..	198	..
2. Mymensingh	Mymen singh Sadar	Bhabokhali, Astodhet, Khaser Char, Patgodam, KaCharighat.	..	34	125	664	35	21-6-86 9-7-86	2	60	200-4500
		Sub Total	..	34	125	664	35	..	..	60	..
3. Sherpur ..	Nakla	SenerChar, Mohishmari, Chandrokona.	..	4	62	90	8	..	..	65	1500-2000
		Sub-Total	..	4	62	90	8	..	..	65	..
		Total—Old Brahmaputra	..	48	247	905	53	..	..	323	..

TABLE 27—(Contd.)

1	2	3	4	5	6	7	8	9	10	11	12
DHALESHWARI											
1. Tangail	Tangail Sadar.	Goalpara, Porabari, Charbari.	4	56	102	5	4-6-86 26-6-86	2	5	1000-2000	
	Nagarpur	Pachitara, Nalsardha ..	6	43	234	14	4-6-86 26-6-86	1	72	1000-2000	
		Sub-Total	..	10	99	336	19	..	..	77	1225-3000
2. Manikgonj	Saturia ..	Golappur, Rajoir	..	9	27	123	9	29-6-86 18-7-86	2	45	1225-3000
		Dhaleshwari (Total)	..	19	126	459	28	..	..	122	..
KALIGONGA											
1. Manikgonj	Manikgonj Sadar.	Sajardighi, Sathia,	2	6	45	2	..	1	52	1200-3200	
	Ghior ..	Toraghat	..	3	18	48	4	..	1	2	1200-3200
		Sub-Total	..	5	24	93	6	..	..	54	..
		Kaligonga (Total)	..	5	24	93	6	..	..	54	..

TABLE 27—(Contd.)

1	2	3	4	5	6	7	8	9	10	11	12
GORAI											
2. Kushtia	..	Kushtia Sadar.	7	41	134	5	4-7-86 23-7-86	1	14	600—1000	
		Mirpur	..	2	15	40	2	4-7-86 23-7-86	2	11	600—1000
		Khaksha	..	2	10	20	2	4-7-86 23-7-86	1	2	600—1000
		Kamarkhali Joynabad, Jod hubayra	5	20	76	3	27-6-86 3-7-86 13-7-86 17-7-86	2	15	1000—1500	
		GORAI (Total)	..	16	86	270	12	..	..	42	..
MODHUMTAI											
3. Magura	..	Moham- medpur.	10	123	133	9	4-7-86 23-7-86	1	57	2000—2500	
		Sub-Total	..	10	123	133	9	..	57	..	..
1. Faridpur	..	Mud hukhali Nowpara, Char Bolasingh	5	21	71	7	3-7-86 25-7-86	1	27	1000—2000	
		Boalmari	..	12	64	206	29	3-7-86 30-7-86	2	52	1500—2000
		Alfadanga	5	19	74	10	7-7-86 31-7-86	2	68	..	
		Gopalpur, Tagrabandaha, Equail.	..	22	104	351	46	..	..	147	..
		Sub-Total	..	22	104	351	46	..	..	147	..

TABLE 27 - (Contd.)

1	2	3	4	5	6	7	8	9	10	11	12
2. Gopalgonj	Gopalgonj	..	6	..	176	..	..	..	168	..	(*)
	Sadar.										
	Sub-Total		6	.	176	.	.	.	168	.	(*)
4. Narail	Lohagara	Kalnaghat, Tetulia	87	88	405	36	8-6-84 12-6-84 17-6-84 22-6-84	2	104	2000-3000	
	Sub-Total		87	88	405	36			104		
	Modhumati (Total)		125	315	1065	91			476		
ARIAL KHAN											
1. Faridpur	Faridpur	.	2	.	43	..	28-5-84 5-7-84	3	35	500	(*)
	Sadar.										
	Sub-Total		2	..	43	..	..	..	35	..	
Madaripur	Shibchar	Utrail Kalatala	..	9	84	318	22	20-5-86 30-5-86	1	18	500
	Sub-Total		..	9	84	318	22	..	..	18	..
	Arial Khan (Total)		..	11	84	361	22	..	..	53	

TABLE-27 (Contd)

1	2	3	4	5	6	7	8	9	10	11	12
MATHABHANGA											
1. Chuadanga	Alardanga	Bhansabaria, Hatboulia	12	45	27	15	30-7-86 3-8-86	1	37	1000-1600	
Sub-Total			12	45	27	15	..	..	37	..	
Mathabhangha (Total)			12	45	27	15	..	..	37	..	
KUMAR											
1. Madaripur	Rajair	.. Soakandi	..	10	48	180	10 21 6 86	1	19	..	
Sub-Total			..	10	48	180	10 ..	..	19	..	
Kumar (Total)			..	10	48	180	10 ..	..	19	..	
HAIDA											
1. Chittagong	Raujan	Noahat, Gohira, Nobra khali, Baraonpara, Ka gotia, Azimpurghat, Bazi khali, Ramdasghat, Binajpur.	127	725	343	200	21-6-86 27-6-86	1	138	8500-10000	Total No. of Pit used 624;
Hat Hazari	Ankurighona, Moduna ghat, Ramda ghat, Mo dhamadrassa, Uttar Madrasa, Naorhat, Goraduara.	181	1134	378	378	21-6-86 27-6-86		1	331	8500-10000	Total ferti- lized eggs Collected 18762 kg.
Sub-Total			..	308	1859	721	578	..	469	..	
Country Total			..	1573	8353	21731	1732	..	13222	..	

(*) Data on spawn Collection of the previous year 1984 or 1985 has been shown in absence of data for the year 1986.

TABLE 28 : Information on Carp Spawn/Fertilized egg collection from Natural Sources, 1985.

Name of District	No. of Collection Centre.	Number of				Collection period.	Quantity of spawn/ Fertilized egg caught. (kg)	Remarks
		Savar.	People engaged.	Net used.	Boat used.			
1	2	3	4	5	6	7	8	9
BRAHMAPUTRA-JAMUNA								
1. Kurigram	08	25	180	510	36	May & June	465	
2. Gaibandha	05	139	702	3065	40	June & July	5336	
3. Bogra	06	51	291	1253	2	June	2461	
4. Sirajganj	11	65	462	1836	66	May, June, July.	3331	
5. Pabna	01	19	131	485	19	June	56	
6. Jamalpur	04	27	178	485	21	June	254	
7. Tangail	07	62	325	1639	22	June	86	
8. Manikganj	02	13	41	196	4	June	51	
Brahmaputra-- Jamuna Total.	44	401	2310	9469	210	..	12040	
OLD BRAHMAPUTRA								
1. Jamalpur	05	23	250	681	18	May & June	147	
2. Sherpur	03	13	123	296	10	June	275	
3. Mymensingh	08	25	337	402	25	June	64	
Old Brahmaputra Total	16	61	710	1379	53	..	486	
UPPER PADMA								
1. Nawabganj	02	9	..	41	..	July	2	
2. Rajshahi	03	37	150	93	15	July	456	
3. Pabna	05	18	300	306	27	July & August	175	
4. Kushtia	05	18	183	277	20	July	228	
5. Rajbari	01	16	35	303	10	July	47	
Upper Padma Total	16	98	668	1020	72	..	908	

TABLE 28 : Information on Carp Spawn/Fertilized egg collection from Natural Sources, 1985.

Name of District	No. of Collection Centre.	Number of				Collection period.	Quantity of spawn/ Fertilized egg caught. (kg)	Remarks
		Savar.	People engaged.	Net used.	Boat used.			
1	2	3	4	5	6	7	8	9
LOWER PADMA								
1. Faridpur	09	175	810	3486	210	June & July	3384	
2. Shariatpur	01	2	14	45	4	June & July	31	
3. Manikganj	01	1	04	13	1	May & June	6	
Lower Padma Total	11	178	828	3544	215	..	3421	
DHALESWARI								
1. Tangail	05	80	338	2256	14	June	168	
2. Manikganj	02	9	41	415	9	June & July	39	
Dhaleswari Total	07	89	379	2671	23	..	207	
KALIGANGA								
1. Manikganj	03	7	34	140	5	June	11.00	
Kaliganga Total	03	7	34	140	5	..	11.00	
GORAI								
1. Kushtia	04	9	129	105	10	July	19.00	
2. Magura	03	7	84	345	21	July & August.	130.00	
Gorai Total	07	16	213	450	31	..	149.00	
MODHUMATI								
1. Gopalgang	..	10	58	176	..	..	163	
2. Faridpur	06	14	61	215	24	August	103	
3. Narail	01	87	88	405	30	August	100	
Modhumati Total	07	111	207	796	54	..	366	

TABLE 28 : Information on Carp Spawn/Fertilized egg collection from Natural Sources, 1985.

Name of District	No. of Collection Centre.	Number of				Collection period.	Quantity of spawn/ Fertilized egg caught. (kg)	Remarks
		Savar.	People engaged.	Net used.	Boat used.			
1	2	3	4	5	6	7	8	9
ARIAL KHAN								
1. Faridpur	..	2	..	43	..	August	35	
2. Madaripur	02	37	277	278	..	August	25	
Arial Khan Total	02	39	277	321	..	..	60	
KUMAR								
1. Madaripur	04	31	105	470	20	August	91	
Kumar Total	04	31	105	470	20	..	91	
HALDA								
1. Chittagong	13	371	2676	944	..	April & May	1623	
Halda Total	13	371	2676	944	..	..	1623	
Country Total	130	1402	8407	21204	683	..	19362	

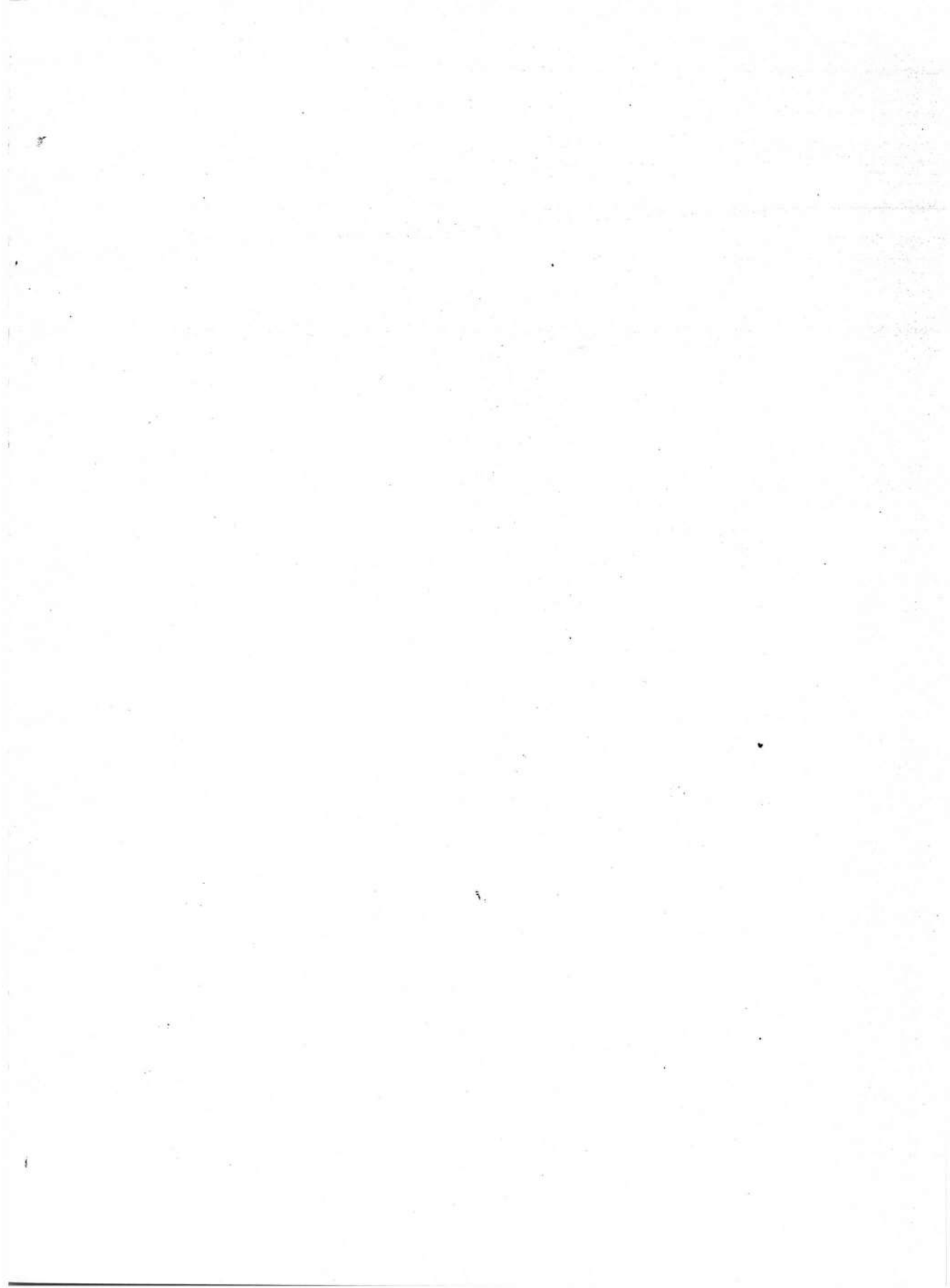
TABLE 29 Information on Carp Spawn/Fertilized egg Collection from Natural Sources 1984

Name of District	No. of Collection Centre.	Number of				Collection period.	Quantity of spawn/ Fertilized egg caught. (kg)	Remarks
		Savar.	People engaged.	Net used.	Boat used.			
1	2	3	4	5	6	7	8	9
BRAHMAPUTRA-JAMUNA								
1. Kurigram ..	7	20	100	404	20	May-June	953.00	
2. Gaibandha ..	12	148	1238	5478	282	May-June	7887.00	
3. Bogra ..	11	73	609	2108	84	May-June	3347.00	
4. Sirajgonj ..	20	116	655	2857	123	May-June- July.	4203.00	
5. Jamalpur ..	11	43	260	886	40	May-June	340.00	
6. Tangail ..	3	103	505	2259	33	May-June	720.00	
7. Manikgonj ..	5	13	41	196	12	May-June	59.00	
Brahmaputra-Jamuna Total.	69	516	3408	14188	594	..	17509.00	
OLD BRAHMAPUTRA								
1. Jamalpur ..	6	8	35	205	8	May-July	45.00	
2. Shetpur ..	1	13	123	296	19	..	645.00	
3. Mymensingh ..	11	44	169	481	44	May-June- July.	19.00	
Old Brahmaputra Total	18	65	327	982	71	..	781.00	
UPPER PADMA								
*1. Nawabgonj ..	02	9	..	41	..	May-June	2.00	
*2. Rajshahi ..	08	50	97	407	11	June-August	452.00	
*3. Pabna ..	04	24	..	353	17	July	179.00	
*4. Kushtia ..	01	18	98	277	35	June-July	228.00	
5. Rajbari ..	02	16	35	303	27	June-Jul	70.00	
Total -Upper Padma	17	117	230	1381	90	..	931.00	
LOWER PADMA								
*1. Faridpur ..	17	205	881	4012	319	May-June- July.	3380.00	
2. Sariatpur ..	01	2	14	40	4	June	28.00	
3. Manikgonj ..	01	1	4	13	1	May-June	6.00	
Lower Padma Total	19	208	899	4065	324	..	3414.00	

TABLE 29--(Concl'd.)

1	2	3	4	5	6	7	8	9
DHALESWARI								
1. Tangail ..	10	32	56	858	31	May-June	225.00	
2. Manikgonj	3	9	41	415	16	April-May-June.	39.00	
Dhaleswari Total	13	41	97	1273	47	..	264.00	
KALIGONGA								
1. Manikgonj	3	7	34	140	13	May-June	41.00	
Kaligonga Total	3	7	34	140	13	..	41.00	
GORAI								
1. Kushtia ..	03	15	77	257	16	June-July	81.00	
Gorai Total	03	15	77	257	16	..	81.00	
MODHUMOTI								
1. Faridpur ..	10	22	104	351	46	July	147.00	
2. Narail ..	02	87	88	405	36	June	104.00	
3. Gopalganj	..	6	..	176	..	..	168.00	
Modhumoti Total	12	115	192	932	82	..	419.00	
ARIAL KHAN								
1. Faridpur ..	02	39	277	321	73	May-June	128.00	
Arial Khan Total	02	39	277	321	73	..	128.00	
KUMAR								
1. Madaripur..	05	17	52	514	24	May-June	19.00	
Kumar Total	05	17	52	514	24	..	19.00	
HALDA								
1. Chittagong	..	..	..	..	..	..	498.00	
Halda Total ..	..	..	..	..	..	..	498.00	
Country Total	161	1140	5593	24033	1334	..	24033.00	





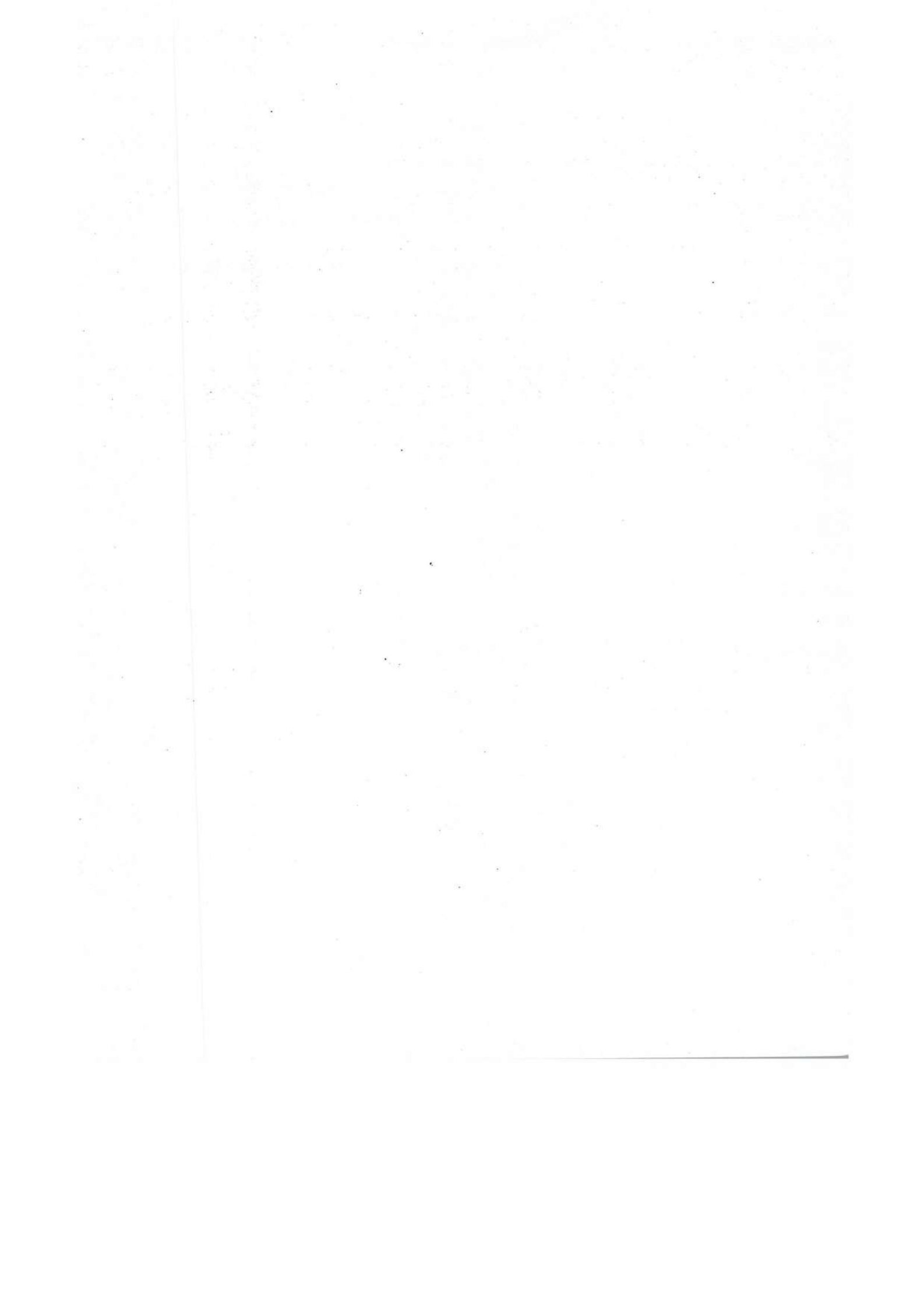


TABLE 20

Species Composition of Shrimp Catch (% of weight) from Shrimp Farms of
Khulna and Chittagong Region, 1983-86)

Species	Khulna	Chittagong
01. Bagda. (<i>P. monodon</i>)	67.49	80.38
02. Golda (<i>M. rosenbergi</i>)	1.34	..
03. Honna (<i>Metapenaeus monoceros</i>)	10.85	17.43
04. Chaka (<i>P. indicus</i>)	2.90	2.19
05. Other Shrimp	17.42	..
Total ..	100	100

Source: Catch Assessment Survey.

TABLE 21 Species Groupwise Catch in Inland Fisheries by Sectors, 1985-86.

Species Group	[Unit-Metric ton]										
	River	Sundarban.	Beel	Subsistence.	Baor	Pond	Kaptai lake.	Shrimp farm.	Total	Percentage weight(%)	
Major Carp	..	2,144	0	1,024	0	313	81,452	342	0	85,275	14.54
Other Carp	..	2,596	0	395	1,874	291	12,652	164	0	17,972	3.07
Cat fish	..	6,599	0	11,257	10,494	2	1,410	162	0	29,924	5.10
Snake head	..	0	0	383	15,573	39	5,717	42	0	21,754	3.71
Live fish	..	42	0	169	10,251	4	4,097	0	0	14,563	2.48
Other inland fish	..	65,127	5,879	29,542	127,766	300	17,821	1,723	5,293	253,451	43.21
Hilsa/Ilish	..	94,133	661	0	0	0	0	0	0	94,794	16.16
Big Shrimp and prawns	..	3,140	0	0	0	0	0	0	10,260	13,400	2.29
Small Shrimp and prawns	..	25,819	572	2,488	21,438	19	655	0	4,398	55,389	9.44
Total	..	199,600	7,112	45,258	187,396	968	123,804	2,433	19,951	586,522	100

TABLE 22 : Annual Total Catch of the Marine Fisheries for 1985-86.

Type of fishing	Number of crafts (tr- awler/boat.	Number of units (gear/net)	Catch in Metric ton		
			Shrimp	Fish	Total
A. Industrial:					
(a) Trawl fishing:					
(i) Shrimp trawler.	31	..	3,716	2,317	6,033
(ii) Mixed trawler	8	..	315	4,478	4,793
(iii) Fish trawler	6	..	..	1,072	1,072
Sub-Total ..	45	..	4,031	7,867	11,898
B. Artisanal:					
1. Gill net fishing:					
(i) Mechanised	2,887	..	..	1,11,000	1,11,000
(ii) Non-Mecha- sed.	3,802	..	..	8,500	8,500
Sub-Total ..	6,689	..	..	1,19,500	1,19,500
2. Set bag net fishing:					
(i) Seasonal ..	..	5,320	1,000	42,858	43,858
(ii) All-season..	..	7,295	500	16,500	17,000
Sub-Total ..	..	12,615	1,500	59,358	60,858
3. Long line fishing					
Jaw fish long line:					
(i) Mechanised	250	..	..	..	..
(ii) Non-Mechanised	138	..	..	2,125	2,125
(iii) Other long line	969	..	..	900	900
Sub-Total..	1,357	..	..	3,025	3,025
4. Trammel net fishing	..	200	500	20	520
5. Other gears ..	1,650	2,222	1,550	10,050	11,600
6. Total Artisanal	..	..	3,550	191,953	195,503
Grand Total (Industrial + Artisanal)					
..	..	..	7,581	199,820	207,401

TABLE 23 Species Groupwise Catch in marine Fisheries by type of fishing gear, 1985-86

[Unit-Metric tons]

Sectors	Species									
	Hilsa	Bombay duck.	Indian salmon.	Pomfret	Jew fish	Cat fish.	Sharks & rays.	Other Marine fish.	Shrimp	Total
1. Trawler	..	..	173	91	2,441	1,288	434	3,440	4,031	11,898
2. Gill net;										
(a) Mechanized boat	38,389	..	466	2,242	1,698	3,619	3,663	10,923	..	111,000
(b) Non-Mechanized boat	7,905	..	..	128	127	85	..	255	..	8,500
Sub-Total	..	96,294	466	2,370	1,825	3,704	3,663	11,178	..	119,500
3. Set bag net;										
(a) Seasonal	..	9,969	..	484	..	..	..	32,405	1,000	43,858
(b) All season	..	11,842	..	..	851	..	..	3,807	500	17,000
Sub-Total	..	21,811	..	484	851	..	..	36,212	1,500	60,858
4. Longline;										
(a) Mechanized	..	..	..	..	1,138	583	274	130	..	1,125
(b) Non-Mechanized	..	..	..	..	..	..	..	..	..	..
(c) Other long line	..	..	..	..	423	69	..	408	..	900
Sub-Total	..	..	..	..	1,561	652	274	538	..	3,025
5. Trammel net fishing	..	..	..	2	2	2	..	14	500	520
6. Other gears	..	..	..	..	..	603	..	9,447	1,550	11,600
Total (Artisanal)	96,294	21,811	466	2,856	4,239	4,961	3,937	57,389	3,550	195,503
Grand Total Industrial+Artisanal	..	96,294	21,811	639	2,947	6,680	4,371	60,829	7,581	207,401

TABLE 24 : Production of Carp hatchling/spawn in Bangladesh.

				Quantity in Kg.	
				1985	1986
A. Natural sources	..	..		19,362	13,222
B. Artificial sources (Hatcheries)					
(i) Private hatcheries	..	..		3,952	4,911
(ii) Govt. hatcheries	..	..		1,010	1,376
Country Total	..	..	..	24,324	19,509

NOTE : (A) 1 Kg. spawn/hatchling=1.61 lakh hatchling of 4-5 days old.
(Natural sources).

(B) 1 Kg. spawn/hatchling=4 lakh hatchling of 4-5 days old.
(Artificial sources).

TABLE 25: Information on Hatchlings Production in Govt. Hatchery and Fish Seed Farms, 1985 and 1986.

Division/Hatchery	Quantity of Hatchling Production (Kg.)	
	1985	1986
1. Dhaka Division	73.60	107.43
2. Chittagong Division	229.92	394.03
3. Khulna Division	145.14	160.20
4. Rajshahi Division	96.22	133.39
5. Baor Hatchery	63.19	104.70
6. Raypur Hatchery	299.48	153.00
7. Gulshan Lake	3.00	7.25
8. Mymensingh (F.R.I.)	50.00	258.00
9. Chandpur (F.R.I.)	49.00	58.00
	1009.55	1376.00

NOTE : 1 Kg. Hatchlings = 4 Lakhs of 4-5 days old fry,
F.R.I. = Fisheries Research Institute.

TABLE 26: Production of Hatchlings (4-5 days old fry) from private Hatcheries.

District	1986		1985	
	No. of Hatchery	Quantity of Hatchlings (4-5 day old fry) Produced (Kg.)	No. of Hatchery	Quantity of Hatchlings (4-5 day old fry) Produced (Kg.)
Chittagong Division				
1. Comilla	10	1686	10	1448
2. Chittagong	2	25	2	15
3. Chandpur	2	37	2	37
4. B. Baria	1	30	1	30
5. Laxmipur	3	166	3	166
6. Feni	2	55	2	55
7. Moulavibazar	3	13	3	13
8. Sylhet	1	20	1	..
9. Noakhali	2	10	2	11
Sub-Total	26	4042	26	1775
Dhaka Division				
10. Kishoreganj	12	..	1	..
11. Gazipur	..	..	1	40
12. Mymensingh	3	46	2	16
13. Tangail	10	37	..	..
14. Jamalpur	4	11	..	..
Sub-Total	29	94	4	56

TABLE 26: Production of Hatchling (4-5 day old fry) from Private Hatcheries.

District	1986		1985	
	No. of Hatchery	Quantity of Hatchlings (4-5 day old fry) Produced(Kg.)	No. of Hatchery	Quantity of Hatchlings (4-5 day old fry) Produced(Kg.)
Khulna Division				
15. Jessore	24	1351	19	519
16. Jhenidah	9	231	5	108
17. Barisal	1	8	...	...
18. Satkhira	18	680	6	1143
19. Kushtia	11	36	...	...
Sub-Total	53	2306	30	1770
Rajshahi Division				
20. Bogra	8	459	8	343
21. Natore	1	10	1	8
Sub-Total	9	469	9	351
Country Total	117	4911	69	3952

TABLE 27 : Information on Carp spawn/Fertilized egg Collection from Natural Sources, 1986.

District	Upazila	Collection Centre	Number of					Collection period.	Frequency of spawning (Time)	Quantity of Spawn/Ferti- lized egg caught (kg)	Sale rate Taka/kg.	Remarks.
			Savr People aengaged.	Net used.	Boat used.							
1	2	3	4	5	6	7	8	9	10	11	12	
BRAHMAPUTRA-JAMUNA												
1. Kurigram	Ulipur	Baladoba	..	2	30	48	4	5-7-86	1	92	400-2000	
	Chilmari	Nator Kandi, Ghugmari. Kharua.	13	92	152	11	5-7-86	1	203	400-2000		
	Kurigram Sadar.	Goruhara, Jatrapur, Rasulpur.	14	41	144	11	7-6-86 26-6-86	2	315	400-2000		
	Sub-Total	..	29	163	344	26	..	..	610	..		
	Gaibanda Sadar.	Khulupara, Napter Vita, Mollar Char, Kamarzani, Gidari.	9	113	370	8	19-6-86	1	114	50-800		
2. Bogra	Fulchuri	Rasulpur, Ratanpur, Gazaria.	64	196	1150	22	19-6-86	1	542	50-800		
	Saghata	Bharatkhal, Jamira	93	297	1566	27	19-6-86	1	258	50-800		
	Sub-Total	..	166	606	3086	57	..	..	914	..		
	Sonatala	Khabulia, Tekani, Kainogor.	9	133	319	4	23-6-86 25-6-86	1	152	200-250		
3. Bogra	Sariakandi	Pakunna, Hasanpara, Sariakandi, Nathurapara, Bohaish.	55	161	1091	13	23-6-86 25-6-86	1	149	200-250		
	Sub-Total	..	64	294	1410	17	..	..	301	..		

TABLE 27 : Information on Carp spawn/Fertilized egg Collection from Natural Sources, 1986.

Continued

District	Upazila	Collection Centre	Number of												Quantity of		Remarks.
			Savar	People engaged	Net used.	Boat used.	Collection period.	Frequency of spawn (Time).	Spawn/Ferti- lized egg caught (Kg).	Sale rate Taka/Kg.							
4. Sirajganj	2	3	4	5	6	7	8	9	10	11	12						
	Sirajgani Sadar.	Vatpiari, Mesra, Chatiantali, Jogtala, Chasalia, Sirajganj Ghat, PanchsonaChar, Bamubnoyra.	20	104	464	20	3-5-86 3-7-86	3	3280	500-6500							
	Belkuchi	Suhagpur, Randhuni pur	14	89	234	23	3-5-86 3-7-86	2	167	500-6500							
	Kazipur	Tarakandi	7	50	83	7	3-5-85 25-5-86	2	258	500-6500							
	Sahjadpur	Sonatali, Devan'aretia	20	148	512	28	..	1	401	500-6500							
	Sub-Total	..	117	703	2685	78	..	..	4106	..							
5. Jamalpur	Satishabari	Jogonnathgankghat, Pingna, Nayapara, Buri patal, Auna, Stal.	15	292	378	34	16-5-86 30-7-86	3	180	800-5000							
	Devanganj	Bahadurabad, Jhalarchar	18	152	330	18	16-5-86 28-7-86	2	121	Do.							
	Islampur	Amtali, Charmoshia	3	25	55	3	16-5-86 27-7-86	2	106	Do.							
	Sub-Total	..	36	469	763	55	..	..	407	..							

