



FISH CATCH STATISTICS OF BANGLADESH

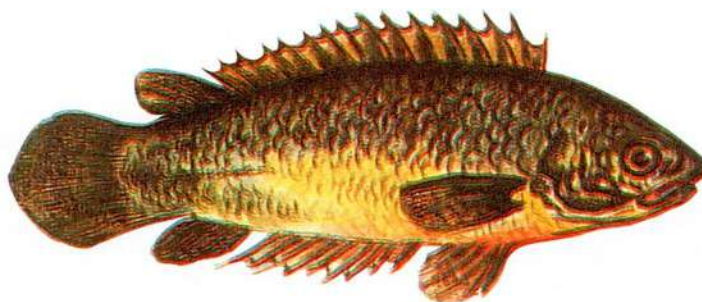
1992-93

DEPARTMENT OF FISHERIES



FISH CATCH STATISTICS OF BANGLADESH

1992-93



DEPARTMENT OF FISHERIES

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PREFACE

The present report is the ninth in the series of the Fish Catch Statistics of Bangladesh for the financial year 1992-93 (July 1992 to June 1993).

This report presents the fish & shell fish catch (landed) by sectors & habitat by species or group and by greater district of Bangladesh. In addition the information on the carp spawn collected from natural sources & produced through induced spawning in hatcheries for aquaculture are also presented in the report. The catch is estimated on the basis of the frame data of water area & fishing units acquired during 1981-1983 by old district. The frame now need to be updated by 64 new district. We have a plan to update the frame & present catch statistics by 64 new district in near future.

We hope that this report will be usefull for planning, development and management of the fisheries in Bangladesh.

Any comments for improving the fishery statistics would be greatly appreciated.

(A. K. Ataur Rahman)
Director General
Department of Fisheries
Bangladesh

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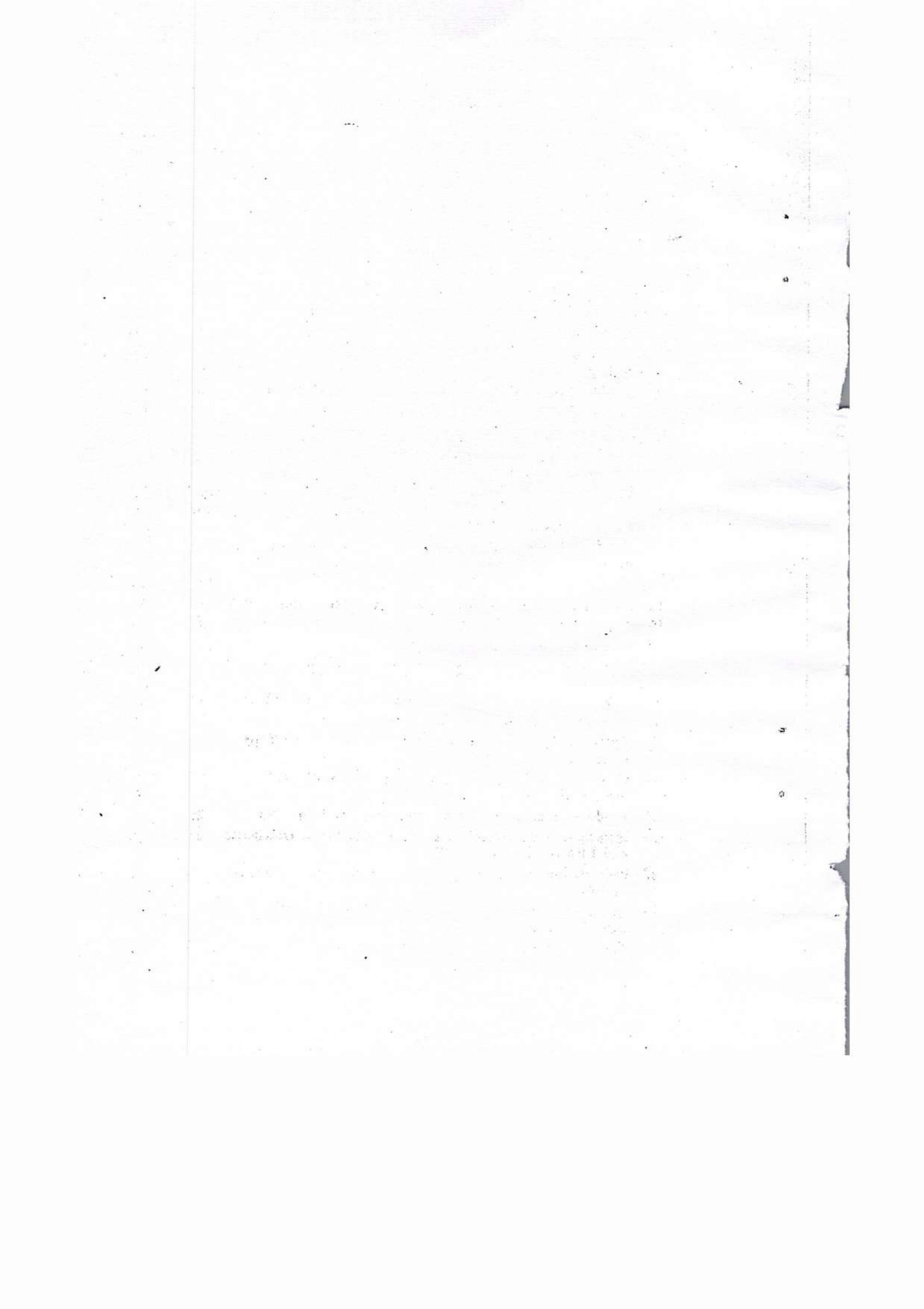


TABLE-1
Annual Total Catch and Area Productivities by Sectors
of Fisheries for July 1992-June 1993

Sector of Fisheries	Water Area (Hectare)	Total Catch (Metric Ton)	Catch/Area (Kg/Hectare)
A. Inland Fisheries			
(a) Capture			
1. River & Estuaries (Except Sundarban Area) ..	1,031,563	138,746	135
2. Sundarban ..	..	6,939	..
3. Beels ..	114,161	53,019	464
4. Kaptai Lake ..	68,800	4,142	60
5. Flood Lands ..	2,832,792	329,573	116
Capture Total ..	4,047,316	532,419	52.2%
(b) Culture			
1. Ponds ..	146,890	202,167	1,376
2. Baors ..	5,488	1,803	329
3. Shrimp Farms ..	108,280	33,773	312
Culture Total ..	260,658	237,743	23.3%
Inland Total ..	4,307,974	770,162	75.5%
Marine Fisheries			
(a) Industrial Fisheries (Trawl)		12,227	
(b) Artisanal Fisheries ..		238,265	
Marine Total ..		250,492	24.5%
COUNTRY TOTAL ..		1,020,654	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 Department 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-2
Species Group-Wise Catch in Inland / Marine Fisheries
1992-93

(Unit : Metric Ton)

Species	Inland Fisheries	Marine Fisheries	Total	%
Major Carp	144,877	..	144,877	14.19
Other Carp	8,735	..	8,735	0.86
Exotic Carp	31,293	..	31,293	3.07
Cat Fish	29,769	..	29,769	2.9 ²
Snake Head	38,943	..	38,943	3.82
Live Fish	65,177	..	65,177	6.39
Other Inland fish	274,897	..	274,897	26.93
Hilsa/Illish	74,715	123,115	197,830	19.38
Bombay Duck (<i>Harpondon nehereus</i>)	..	21,089	21,089	2.07
Indian Salmon (<i>Polydactylus indicus</i>)	..	2,202	2,202	0.22
Pomfret (<i>Rup Hail Foli Chanda</i>)	..	3,260	3,260	0.32
Jew Fish (<i>Poa, Lambu, Kaladatina etc.</i>)	..	11,475	11,475	1.12
Sea Cat Fish (<i>Tachysurus Spp.</i>)	..	13,092	13,092	1.28
Sharks, Skates & Rays	..	3,976	3,976	0.39
Other Marine Fish	..	48,308	48,308	4.73
Shrimp	101,756	23,975	125,731	12.32
TOTAL	770,162	250,492	1,020,654	100
%	75.46	24.54	100	..

- NOTE : 1. Major Carp—Rui, Catlah, Mrigal
 2. Exotic Carp—Silver Carp, Common Carp, Mirror Carp, Grass Carp
 3. Other Carp—Ghania, Kalbasu, Kalia
 4. Cat Fish—Rita, Boal, Pangas, Chital, Silon, Aor, Bacha
 5. Snake Head—Shol, Gazar, Taki
 6. Live Fish—Koi, Singhi, Magur
 7. Other Marine Fish includes all other marine fishes except those mentioned above.

TABLE-3
Annual Total Catch of the Inland Waters by District 1992-93.

(Unit : Metric Ton)

Old District	River & Estuaries	Sundarban	Beel	Kaptai Lake	Flood Land	Pond	Baor	Shrimp Farm	Total
Chittagong & C.H. Ts.	25,085	..	217	4,142	13,316	19,419	..	5,631	67,810
Comilla ..	11,267	..	525	..	42,567	30,325	..	..	84,684
Noakhali ..	25,542	..	1	..	21,507	13,633	..	12	60,695
Sylhet ..	13,494	..	20,457	..	30,008	7,778	..	..	71,737
Dhaka ..	3,148	..	1,280	..	28,546	6,861	..	..	39,835
Faridpur ..	1,066	..	1,036	..	25,550	6,102	256	..	34,010
Jamalpur ..	306	..	..	..	1,986	2,042	..	..	4,334
Mynensinga ..	6,545	..	16,040	..	47,253	13,394	..	..	83,232
Tangail ..	855	..	736	..	4,522	1,936	..	..	8,049
Barisal ..	33,342	..	23	..	9,235	13,916	..	7	56,523
Jessore ..	1,068	..	1,068	..	13,183	19,414	1,073	240	36,046
Khulna ..	4,394	6,939	77	..	18,160	9,318	88	27,769	66,745
Kushtia ..	110	..	465	..	1,510	1,626	386	..	4,097
Patuakhali ..	7,182	..	..	..	13,359	8,588	..	114	29,243
Bogra ..	237	..	1,198	..	3,504	9,040	..	..	13,979
Dinajpur ..	69	..	144	..	10,574	10,530	..	..	21,317
Pabna ..	2,392	..	1,460	..	12,347	6,009	..	..	22,208
Rajshahi ..	1,356	..	6,381	..	12,354	19,118	..	..	39,209
Rangpur ..	1,288	..	1,911	..	20,092	3,118	..	..	26,409
TOTAL ..	138,746	6,939	53,019	4,142	329,573	202,167	1,803	33,773	770,162
% ..	18.02	0.09	6.88	0.54	42.79	26.25	0.23	4.39	100

SOURCE : 1. Catch Assessment Survey.

2. Beel catch of Jamalpur is included in Mymensingh District.

TABLE-4
Annual Catch of the Riverine Fisheries by Rivers by District 1992-93

Old District	(Unit : Metric Ton)						
	Principal River				Other Rivers	Total	
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahmaputra	
Chittagong & C.H. Ts.							
Comilla	4781	2509	..	..	..	..	25085
Noakhali	25312	..	..	..	..	..	3977
Sylhet	..	33	..	..	..	..	230
Dhaka	..	517	524	..	1084	..	13461
Faridpur	133	..	454	79	..	..	1023
Jamalpur	..	..	..	..	127	15	400
Mymensingh	..	1020	..	..	..	..	164
Tangail	..	..	..	..	365	..	5525
Barisal	21934	..	..	..	..	..	490
Jessore	..	..	..	..	..	..	11408
Khulna	..	..	..	..	..	..	1068
Kushtia	..	..	..	..	..	..	4394
Patuakhali	..	..	..	21	..	..	89
Bogra	..	..	..	..	114	..	7182
Dinajpur	..	..	..	..	..	..	123
Pabna	..	..	..	674	179	..	69
Rajshahi	..	..	..	477	..	..	1539
Rangpur	..	..	..	..	217	343	879
TOTAL	52160	4079	978	1251	2086	358	77834
%	37.59	2.94	0.70	0.90	1.50	0.26	56.10
							100

SOURCE : Catch Assessment Survey.

TABLE—5
Annual Total Catch in Principal Rivers 1992-93

(a) Annual Catch by Species.

Name of River	(Unit : Metric Ton)							
	Major Carp	Other Carp	Cat Fish	Snake Head	Live Fish	Hilsa	Big Shrimp	Small Shrimp
Lower Meghna	0	13	269	0	0	48163	69	776
Upper Meghna	173	55	225	0	0	566	68	979
Sub-Total	173	68	494	0	0	48729	137	1755
Lower Padma	18	1	66	0	0	549	42	38
Upper Padma	8	2	42	0	0	263	1	47
Sub-Total	26	3	108	0	0	812	43	85
Jamuna	31	46	104	0	0	181	38	59
Brahmaputra	35	0	91	0	0	22	1	6
Sub-Total	66	46	195	0	0	203	39	65
TOTAL	265	117	797	0	0	49744	219	1905
								7865
								60912

(Signature)

(b) Percentage by Species

(Unit : %)

Name of River	Major Carp	Other Carp	Cat Fish	Snake Head	Live Fish	Hilsa	Big Shrimp	Small Shrimp	Misc. Total
Lower Meghna	..	0.00	0.02	0.52	0.00	92.34	0.13	1.49	5.50 100
Upper Meghna	..	4.24	1.35	5.52	0.00	13.88	1.67	24.00	49.35 100
Sub-Total ..	..	0.31	0.12	0.88	0.00	86.65	0.24	3.12	8.68 100
Lower Padma	..	1.84	0.10	6.75	0.00	56.13	4.29	3.89	26.99 100
Upper Padma	..	0.64	0.16	3.36	0.00	21.02	0.08	3.76	70.98 100
Sub-Total ..	..	1.17	0.13	4.85	0.00	36.43	1.93	3.81	51.68 100
Jamuna	..	1.49	2.21	4.99	0.00	8.68	1.82	2.83	78.00 100
Brahmaputra	..	9.78	0.00	25.42	0.00	6.15	0.28	1.68	56.70 100
Sub-Total ..	..	2.70	1.88	7.98	0.00	8.31	1.60	2.66	74.88 100
TOTAL ..	..	0.44	0.19	1.31	0.00	81.67	0.36	3.13	12.91 100

SOURCE : Catch Assessment Survey.

TABLE-6
: Annual Catch in Principal Rivers by District by Species 1992-93

Name of River	Major Carp	Other Carp	Cat Fish	Snake Head	Live Fish	Hilsha	Big Shrimp	Small Shrimp	Misc.	Total	
Lower Meghna	...	0	13	269	0	0	48163	69	776	2870	52160
Comilla ..	..	0	13	263	0	0	3615	69	256	565	4781
Barisal ..	..	0	0	0	0	0	21229	0	0	705	21934
Noakhali ..	..	0	0	6	0	0	23234	0	511	1561	25312
Faridpur ..	..	0	0	0	0	0	85	0	9	39	133
Upper Megha	...	173	55	225	0	0	566	68	979	2013	4079
Commilla ..	..	159	21	195	0	0	532	45	435	1122	2509
Sylhet ..	..	0	0	0	0	0	7	0	6	20	33
Mymensingh	..	14	34	30	0	0	0	0	476	466	1020
Dhaka ..	..	0	0	0	0	0	27	23	62	405	517
Lower Padma	..	18	1	66	0	0	549	42	38	264	978
Faridpur ..	..	1	0	13	0	0	287	35	21	97	454
Dhaka ..	..	17	1	53	0	0	262	7	17	167	524
Upper Padma	..	8	2	42	0	0	263	1	47	888	1251
Rajshahi ..	..	7	2	35	0	0	107	1	34	291	477
Pabna ..	..	0	0	7	0	0	150	0	5	512	674
Kushtia ..	..	1	0	0	0	0	6	0	0	14	271
Faridpur ..	..	0	0	0	0	0	0	0	8	71	79

(Unit : Metric Ton).

			Major Carp	Other Carp	Cat Fish	Snake Head	Five Fish	Hisha	Big Shrimp	Small Shrimp	Misc.	Total
Jamuna	..	..	31	46	104	0	0	181	38	59	1627	2086
Rangpur	..	..	16	45	41	0	0	59	0	11	45	217
Jamalpur	..	..	0	0	0	0	0	63	0	35	29	127
Bogra	..	..	0	0	12	0	0	4	0	0	98	114
Tangail	..	..	9	0	5	0	0	26	0	1	324	365
Pabna	..	..	6	1	4	0	0	5	0	4	159	179
Dhaka	..	..	0	0	42	0	0	24	38	8	972	1084
Brahmaputra	..	..	35	0	91	0	0	22	1	6	203	358
Rangpur	..	..	35	0	90	0	0	22	1	5	190	343
Jamalpur	..	..	0	0	1	0	0	0	0	1	13	15

SOURCE : Catch Assessment Survey.

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TABLE-7
Annual Catch in Other Rivers by District by Species 1992-93

		[Unit : Metric Ton]									
Old Districts		Major Carp	Other Carp	Cat Fish	Snake Head	Live Fish	Hilsha	Big Shrimp	Small Shrimp	Misc.	Total
Chittagong & C. H. Ts.	..	88	74	65	0	0	0	38	19404	5416	25085
Comilla ..	..	199	106	333	107	18	175	131	567	2341	3977
Noakhali ..	..	18	5	58	0	0	0	8	35	106	230
Sylhet ..	..	712	248	2637	1	8	7084	5	76	2690	13461
Dhaka ..	..	37	0	18	0	0	14	17	211	726	1023
Faridpur ..	..	9	0	17	1	0	102	0	33	238	400
Jamalpur ..	..	2	5	1	0	1	1	0	2	152	164
Mymensingh ..	..	67	200	382	16	0	0	0	542	4318	5525
Tangail ..	..	6	0	12	0	0	0	0	3	469	490
Barisal ..	..	8	0	203	0	0	10541	0	124	532	11408
Jessore ..	..	0	0	0	3	2	208	9	308	538	1068
Khulna ..	..	0	0	52	0	2	439	72	2520	1309	4394
Kushtia ..	..	0	0	0	0	0	3	8	47	31	89
Patuakhali ..	..	0	0	4	0	0	5851	3	27	1297	7182
Bogra ..	..	0	0	13	0	0	0	0	0	110	123
Dinajpur ..	..	1	0	1	0	0	0	0	1	66	69
Pabna ..	..	0	0	0	0	0	6	0	1075	458	1539
Rajshahi ..	..	3	2	92	0	0	4	0	28	750	879
Rangpur ..	..	40	0	111	5	0	44	8	5	515	728
Total ..	..	1190	640	3999	133	31	24472	299	25008	22062	77834
%	..	1.5	0.8	5.1	0.2	0.0	31.4	0.4	32.1	28.3	100

REMARKS : 1. Catch of Chittagong Hill Tracts is included in Chittagong.
2. Catch in Sundarbans is not included in Khulna.

SOURCE : Catch Assessment Survey.

(CHIT. WATERS. J. 92)

TABLE-8
Annual Catch in All Rivers by Districts by Species 1992-93

[Unit : Metric Ton]											
Old Districts	C.H. Ts.										
		Major Carp	Other Carp	Cat Fish	Snake Head	Live Fish	Hilsha	Big Shrimp	Small Shrimp	Misc.	Total
Chittagong	..	88	74	65	0	0	0	38	19404	5416	25085
Comilla	..	358	140	791	107	18	4322	245	1258	4028	11267
Noakhali	..	18	5	64	0	0	23234	8	546	1667	25542
Sylhet	..	712	248	2637	1	8	7091	5	82	2710	13494
Dhaka	..	54	1	113	0	0	327	85	298	2270	3148
Faridpur	..	10	0	30	1	0	474	35	71	445	1066
Jamalpur	..	2	5	2	0	1	64	0	38	194	306
Mymensingh	..	81	234	412	16	0	0	0	1018	4784	6545
Tangail	..	15	0	17	0	0	26	0	4	793	855
Barisal	..	8	0	203	0	0	31770	0	124	1237	33342
Jessore	..	0	0	0	3	2	208	9	308	538	1068
Khulna	..	0	0	52	0	2	439	72	2520	1309	4394
Kushtia	..	1	0	0	0	0	9	8	47	45	110
Patuakhali	..	0	0	4	0	0	5851	3	27	1297	7182
Bogra	..	0	0	25	0	0	4	0	0	208	237
Dinajpur	..	1	0	1	0	0	0	0	1	66	69
Pabna	..	6	1	11	0	0	161	0	1084	1129	2392
Rajshahi	..	10	4	127	0	0	111	1	62	1041	1356
Rangpur	..	91	45	242	5	0	125	9	21	750	1288
Total	..	1455	757	4796	133	31	74216	518	26913	29927	138746
%	..	1.0	0.5	3.5	0.1	0.0	53.5	0.4	19.4	21.6	100

TABLE—9

Annual Total Catch of the Beel Fisheries
1992-93

Old Districts				Area of Beels (Hectare)	Estimated Annual Total Catch (Metric Ton)
Chittagong	..	..	..	456	217
Comilla	..	..	..	1,103	525
Noakhali	..	..	..	3	1
Sylhet	..	..	..	32,700	20,457
Dhaka	..	..	..	4,918	1,280
Faridpur	..	..	..	1,915	1,036
Jamalpur	..	..	..	..	..
Mymensingh	..	..	..	29,406	16,040
Tangail	..	..	..	2,333	736
Barisal	..	..	..	79	23
Jessore	..	..	..	5,037	1,068
Khulna	..	..	..	365	77
Kushtia	..	..	..	2,197	465
Patuakhali	..	..	..	..	..
Bogra	..	..	..	3,801	1,198
Dinajpur	..	..	..	1,252	144
Pabna	..	..	..	3,255	1,460
Rajshahi	..	..	..	19,849	6,381
Rangpur	..	..	..	5,492	1,911
Total	..	..	..	114,161	53,019

SOURCE : Area of Beel—SPARRSO Report (Beels & Dead Rivers)
Catch—Catch Assessment Survey by the Fisheries Resources
Survey System.

NOTE : Catch of Jamalpur is included in Mymensingh District.

TABLE—10

Species composition (Percentage of Weight) of Beel Catch 1992-93

Species	Pile Fishery	Annual Fishery
Rui (<i>Labeo rohita</i>)	12.40	8.50
Catla (<i>Catla catla</i>)	8.25	6.75
Mrigal (<i>Cirrhinus mrigala</i>)	5.80	4.60
Kalbaus (<i>Labeo calbasu</i>)	8.90	5.75
Gonia (<i>Labeo gonius</i>)	4.25	5.30
Boal (<i>Wallago attu</i>)	17.65	21.40
Air (<i>Mystus aor</i> / <i>Mystus Seenghala</i>)	2.25	2.00
Shol/Gazar (<i>Channa Spp.</i>)	7.15	3.40
Chital/Phali (<i>Notoperus chitlaa</i> / <i>N. notopterus</i>)	2.80	6.20
Koi (<i>Anabas testudineus</i>)	1.25	1.10
Singi/Magur (<i>Heteropneustes fossilis</i> / <i>Calrias batrachus</i>)	2.60	1.00
Sarpunti (<i>Puntius sarana</i>)	1.85	1.15
Large Shrimp (<i>Maceobrachium rosendergii</i> / <i>M. malcomsonii</i>)	..	..
Small Shrimp	3.60	3.00
Carpio (<i>Cyprinus carpio</i>)	..	..
Pabda (<i>Ompok pabda</i>)	1.35	1.50
Punti (<i>Puntius Spp.</i>)	..	..
Tengra (<i>Mystus Spp.</i>)	2.30	1.50
Baim (<i>Mastacembelus Spp.</i>)	..	..
Chapila (<i>Gudusia chapra</i>)	..	..
Others	17.60	26.85
TOTAL	100	100

NOTE : Based on sample beel survey of Mymensingh & Sylhet old districts.

TABLE—11
Annual Catch of kaptai Lake 1992-93

Species						Catch in Metric Ton
Rui (<i>Labio rohita</i>)	..	..	..	..	..	21
Catla (<i>Catla catla</i>)	..	..	..	..	..	31
Mrigal (<i>Cirrhinus mrigala</i>)	..	..	..	..	..	112
Kalbasu (<i>Labeo calbasu</i>)	..	..	..	..	..	30
Gonia (<i>Labeo goneus</i>)	..	..	..	..	..	27
Boal (<i>Wallago attu</i>)	..	..	..	..	..	27
Air (<i>Mystus aor</i> / <i>Mystus Seenghala</i>)	..	..	..	..	..	82
Shol/Gazar (<i>Channa Spp.</i>)	..	..	..	..	..	62
Chital (<i>Notopterus chitala</i>)	..	..	..	..	..	56
Phali (<i>Notopteras notopterus</i>)	..	..	..	..	..	66
Bacha (<i>Eutropiichthus vacha</i>)	..	..	..	..	..	12
Punti (<i>Punriua Spp.</i>)	..	..	..	..	..	..
Tengra/Pabda (<i>Mystus tengra</i> / <i>Ompok pabda</i>)	..	..	..	..	..	22
Baim (<i>Mastacembelus Spp.</i>)	..	..	..	..	..	4
Chapila (<i>Gudusia chapra</i>)	..	..	..	..	..	810
Talapia/Silver carp	..	..	..	..	..	73
Others	..	..	..	..	..	2,799
TOTAL	..	..	..	..	..	4,142

SOURCE : Bangladesh Fisheries Development Corporation.

TABLE-12 Annual Total Catch in Flood Land 1992-93

Old Districts			No. of Sub- sistence Fish- eries House- hold (‘000)	Average Catch per House- hold (kg.)	Total Catch Estimated (m. t.)
Chittagong	..	..	719	14.94	10,742
Chittagong Hill Tracts	..	..	71	36.26	2,574
Comila	..	..	916	46.47	42,567
Noakhali	..	..	518	41.52	21,507
Sylhet	..	..	776	38.67	30,008
Dhaka	..	..	1409	20.26	28,546
Faridpur	..	..	573	44.59	25,550
Jamalpur	..	..	418	4.75	1,986
Mymensingh	..	..	877	53.88	47,253
Tangail	..	..	230	19.66	4,522
Barisal	..	..	558	16.55	9,235
Jessore	..	..	482	27.35	13,183
Khulna	..	..	497	36.54	18,160
Kushtia	..	..	213	7.09	1,510
Patuakhali	..	..	203	65.81	13,359
Bogra	..	..	392	8.94	3,504
Dinajpur	..	..	466	22.69	10,575
Pabna	..	..	227	54.39	12,347
Rajshahi	..	..	372	33.21	12,354
Rangpur	..	..	901	22.30	20,092
TOTAL	..	..	10,818	30.47	329,573

SOURCE : Catch Assessment of Subsistaence Fisheries.

TABLE—13

Species Group Composition (Percentage of weight)
of Subsistence Catch by District
1992-93

Old Districts	Carp	Cat Fish	Snake Head	Live Fish	Other Inland Fish	Small Shrimp	Total
Chittagong ..	0.00	0.00	0.00	4.45	60.37	35.18	100
Chittagong H.T.	0.00	0.00	28.75	31.51	34.17	5.57	100
Comilla ..	4.50	0.91	12.38	14.04	59.31	8.85	100
Noakhali ..	17.39	0.99	24.92	23.19	31.43	2.08	100
Sylhet ..	1.06	0.00	3.58	3.50	43.74	48.12	100
Dhaka ..	8.15	1.94	14.96	14.81	40.94	19.21	100
Faridpur ..	0.22	0.00	18.09	30.28	51.41	0.00	100
Jamalpur ..	0.00	0.00	0.00	0.00	100.00	0.00	100
Mymensingh ..	0.00	0.47	12.31	11.77	75.45	0.00	100
Tangail ..	0.00	0.00	2.18	0.00	97.82	0.00	100
Barisal ..	0.00	0.00	0.00	0.00	66.87	33.13	100
Jessore ..	0.00	0.00	9.18	0.54	83.87	6.40	100
Khulna ..	0.00	0.00	12.48	35.98	42.23	9.31	100
Kushtia ..	0.00	0.00	0.00	0.00	100.00	0.00	100
Patuakhali ..	0.00	0.00	2.09	3.12	45.93	48.85	100
Bogra ..	0.00	0.00	21.79	23.47	51.79	2.86	100
Dinajpur ..	0.00	0.00	1.17	42.19	54.38	2.26	100
Pabna ..	0.00	0.00	21.36	15.90	41.00	21.74	100
Rajshahi ..	0.10	2.27	0.00	0.62	90.49	6.52	100
Rangpur ..	0.00	43.13	2.63	54.24	0.00	0.00	100
COUNTRY TOTAL	1.52	2.58	9.67	17.36	54.42	14.44	100

NOTE : Based on sample village study.

TABLE-14
Total Area and Total Catch of Ponds by District 1992-93

Old District	Total Area of Ponds (Acre)				Total Production of Ponds (ton)			
	Cultured	Culturable	Derelict	Total	Cultured	Culturable	Derelict	Total
Chittagong	17,850	16,211	1,288	35,449	12,200	7,102	117	19,419
Comilla	22,546	7,695	3,243	33,484	25,689	3,963	673	30,325
Noakhali	18,653	6,366	2,683	27,702	11,168	1,869	596	13,633
Sylhet	4,946	6,901	10,583	22,430	3,512	2,094	2,172	7,778
Dhaka	6,091	6,876	3,990	16,957	5,117	1,347	397	6,861
Faridpur	5,612	6,335	3,675	15,622	4,325	1,234	543	6,102
Jamalpur	1,509	1,402	994	3,545	1,449	344	249	2,042
Mymensingh	16,779	3,1188	1,874	21,841	11,582	1,418	394	13,394
Tangail	1,533	1,059	1,010	3,602	1,051	607	278	1,936
Barisal	17,790	6,819	4,463	29,072	10,329	2,426	1,161	13,916
Jessore	14,508	2,380	784	17,672	18,293	897	224	19,414
Khulna	10,282	1,684	1,339	13,305	8,436	739	143	9,318
Kushtia	2,125	871	790	3,786	1,159	301	166	1,626
Patuakhali	9,980	3,826	2,504	16,310	6,189	2,048	351	8,588
Bogra	7,254	4,724	2,051	14,029	6,821	1,617	602	9,040
Dinajpur	12,251	7,979	3,464	23,694	6,957	2,619	954	10,530
Pabna	5,582	8,207	4,508	18,297	3,352	1,996	661	6,009
Rajshahi	11,155	16,401	9,009	36,565	9,935	7,193	1,990	19,118
Rangpur	2,912	2,171	4,635	9,718	2,035	587	496	3,118
Total	189,358	110,735	62,887	362,980	149,599	40,401	12,167	202,167
%	52.17	30.51	17.33	100	74.00	19.98	6.02	100

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

SOURCE : Area-Calculated on the basis of data of 40 sample Thanas of SPARRSO Report Productivities-Catch Assessment Survey of Ponds.

TABLE-15 :
Species Composition (Percentage of weight of Pond Catch (Cultured) by District
1992-93

[illegible]

TABLE—15
Species Composition (Percentage of weight) of Pond Catch (Cultured) by District (1992-93)

[illegible]

TABLE—16
Species Composition (Percentage of weight) of Pond Catch (Cultured,
Culturable, / Derelict 1992-93

Species	Culture ed %	Cultur- able %	Derelict %	Country %
Rui (<i>Labeo rohita</i>)	34.02	12.11	12.44	28.75
Catla (<i>Catla catla</i>)	23.47	7.76	7.93	19.68
Mrigal (<i>Cirrhinus mirgala</i>)	15.98	6.19	7.93	13.78
Kalbasu (<i>Labeo calbasu</i>)	0.96	0.22	0.52	0.81
Mixed Carp	1.89	1.52	0.22	1.67
Silver Carp (<i>Hypophthalmichthys molotrix</i>) ..	13.31	6.43	6.68	11.67
Grass Carp (<i>Ctenopharyngodon idellus</i>) ..	1.01	0.29	0.07	0.81
Mirror Carp (<i>Cyprinus Carpio</i> var. <i>specularis</i>)	1.14	0.03	0.37	0.90
Tilapia (<i>Oreochromis mossambicus</i> / <i>O. niloticus</i>)	1.17	4.02	0.97	1.56
Shrimp	0.21	1.80	1.14	0.53
Aor (<i>Mystus aor</i> / <i>Mystus Seenghala</i>) ..	0.02	0.47	0.14	0.10
Boal (<i>Wallago attu</i>)	0.03	1.54	1.31	0.37
Shol/Gazar & Taki (<i>Channa Spp.</i>) ..	0.22	7.12	9.38	2.12
Chital/Phali (<i>Notopterus chitala</i> / <i>N. notopterus</i>)	0.15	1.78	1.12	0.48
Koi (<i>Anabas testudineus</i>)	0.12	5.22	6.12	1.43
Singi/Magur (<i>Heteropneustes fossilis</i> <i>Clarias</i> <i>batrachus</i>)	0.23	5.68	7.92	1.77
Sarpunti (<i>Puntius sarana</i>)	0.17	0.28	0.18	0.18
Thai Sarpunti	0.01	0.00	0.01	0.05
Punti (<i>Puntius Spp.</i>)	0.52	5.71	6.95	1.90
Others	5.37	31.83	28.60	11.44
TOTAL	100	100	100	100

SOURCE : Based on sample survey.

TABLE—17
Annual Total Catch of Baors 1992-93

Old District				Area of Baors in Hectare	Catch of Baors in Metric Ton
Faridpur	..	..	..	965	256
Jessore	..	..	..	2,734	1,073
Khulna	..	..	..	331	88
Khustia	..	..	..	1,458	386
TOTAL	..	..	..	5,488	1,803

(i) Catch rate of Govt. managed 7 Baors @ 520 Kg/ha.

(ii) Catch rate of Private managed Baors @ 256 Kg/ha. (Sample Baors)

Govt. managed Baors : Bergobindapur, Baluhar, Joydia, Fatehpur,
Marjad, Kathgara, & Jampa.

Private managed sample Baors : Sirisdia, Baonidaha, Simulia, Korinc ha,
Sarjad & Rajapur.

SOURCE : Area —SPARRSO Report.
Productivity —Catch Assessment Survey.

TABLE—18

Species Composition (% of weight) of Baor Catch 1992-93

Species				Govt. Baor	Private Baor
Major Carp	..	..	..	28.00	59.00
Other Carp	..	..	..	..	..
Exotic Carp	..	..	..	63.00	26.00
Cat Fish ..	..	..	..	..	0.80
Snake Head	..	..	..	..	5.00
Live Fish ..	..	..	..	..	..
Other Fish	..	..	..	9.00	8.45
Shrimp	..	..	..	..	0.75
TOTAL ..	..	..	..	100	100

SOURCE : Based on sample baors study by Fisheries Resources Survey System.

TABLE—19

Annual Total Catch of Shrimp Farm 1992-93

Old District		Area of Shrimp Farms in Hectare	Catch in Metric Ton		Total
			Shrimp	Fish	
Chittagong	..	27,453	4,073	1,558	5,631
Khulna	..	79,728	19,198	8,571	27,769
Jessore	..	690	166	74	240
Patuakhali	..	326	79	35	114
Barisal	..	22	5	2	7
Noakhali	..	61	9	3	12
TOTAL	..	108,280	23,530	10,243	33,773

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

Average yield—

Khulna zone	: Shrimp	240.80 Kg/ha.
	Fish	107.50 Kg/ha.
Chittagong zone	: Shrimp	148.35 Kg/ha.
	Fish	56.75 Kg/ha.

SOURCE : Catch Assessment Survey.

TABLE—20

Species Composition of Shrimp Catch (% of weight) from Shrimp
Farms of Khulna and Chittagong Region 1992-93

Species				Khulna Zone	Chittagong Zone
Bagda (<i>P. monodon</i>)	..	..		62.45	67.50
Golda (<i>M. rosenbergii</i>)	..	..		3.20	0.75
Honna (<i>Metapenaeus monoceros</i>)	..	..		12.40	15.50
Chaka (<i>P. indicus</i>)	..	..	..	2.75	8.50
Small Shrimp	..	..	..	19.20	7.75
TOTAL	..	..	..	100	100

SOURCE : Based on sample shrimp farms study.

TABLE—21
Species Group-wise Catch in Inland Fisheries by Sector 1992-93.

(Unit : Metriect Ton)

Species	River	Sundar ban	Beel	Subsis- tence	Baor	Pond	Kaptai Lake	Shrimp farm	Total	% of Weight	
Major Carp	..	1,455	..	11,850	5,009	731	125,768	64	..	144,877	18.81
Other Carp	..	757	..	6,283	..	..	1,638	57	..	8,735	1.13
Exotic Carp	..	..	..	..	..	866	30,427	..	..	31,293	4.06
Cat Fish ..	..	4,796	..	14,310	8,503	6	1,920	234	..	29,769	3.87
Snake Head	..	133	..	2,556	31,870	36	4,286	62	..	38,943	5.06
Live Fish ..	..	31	..	1,463	57,214	..	6,469	..	..	65,177	8.46
Other Inland Fish	..	29,927	6,023	14,845	179,387	159	30,588	3,725	10,243	274,897	35.69
Hilsa/Ilish ..	..	74,216	499	..	..	..	..	..	..	74,715	9.70
Big Shrimp & Prawn ..	..	518	308	..	..	..	..	..	19,480	20,306	2.64
Small Shrimp & Prawn	..	26,913	109	1,712	47,590	5	1,071	..	4,050	81,450	10.58
TOTAL ..	..	138,746	6,939	53,019	329,573	1,803	202,167	4,142	33,773	770,162	100

SOURCE : Catch Assessment Survey.

TABLE—22
Annual Total Catch of the Marine Fisheries, 1992-93.

Type of Fishing	Number of Craft (Trawler/ Boat)	Number of Unit (Gear/ Net)	Catch in Metric Ton	
			Shrimp	Fish
A. Industrial				
(1) Trawl Fishing				
(a) Shrimp Trawler	37	..	3,903	5,493
(b) Fish Trawler	14	..	285	2,546
TOTAL Industrial	51	..	4,188	8,039
B. Artisanal				
(1) Gill Net Fishing				
(a) Mechanised	2,880	2,880	..	123,680
(b) Non-mechanised	3,509	3,509	..	20,210
SUB-TOTAL	6,389	6,389	..	143,890
(2) Set Bag Net Fishing				
(a) Seasonal (M.B.)	182	5,400	6,581	40,424
(b) All Season (N.M.B.)	2,680	7,215	11,375	12,828
SUB-TOTAL	4,590	12,615	17,956	53,252
(3) Long Line Finishing Jew Fish Long Line				
(a) Mechanised	255	1,121	..	6,960
(b) Non-mechanised	127	963	..	2,930
(c) Other Long Line	1,000	2,084	..	9,890
SUB-TOTAL	1,382	500	443	3,584
(4) Trammel Net Fishing	500	2,222	1,388	7,862
(5) Other Gears Fishing	1,608	23,810	19,787	218,478
TOTAL Artisanal (M.B.)	3,317	23,810	19,787	218,478
TOTAL Artisanal (N.M.B.)	14,014	..	..	..
GRAND TOTAL				
(Indus.+Artis.)				
Trawler (M.B.)	53	Gill	6,389	226,517
(N.M.B.)	3,317	SBN	12,615	23,975
(N.M.B.)	14,014	L. Line	2,084	..
Trammel	..	Other	2,222	..
Trammel	..	500	..	..
TOTAL			23,975	250,492
M.B.—Mechanised Boat 0 N.M.B.—Non-mechanised Boat 0 SBN—Set Bag Net..				

TABLE—24

Comparison of Annual Total Catch of 1992-93 with Those of 1991-92.

Sector of Fisheries	Annual Total Catch (M.T.)		Increase (B)-(A)	Percent Increase
	1991-92 (A)	1992-93 (B)		

A. Inland Fisheries

(a) Capture

1. River & Estuaries Except Sundarban Area	124843	138746	13903	11.1
2. Sundarban.. ..	6297	6939	642	10.2
3. Beels	49201	53019	3818	7.8
4. Kaptai Lake ..	4216	4142	-74	-1.8
5. Flood Lands ..	295185	329573	34388	11.6
Capture Total ..	479,742	532,419	52677	11.0

(b) Culture

1. Ponds	195,034	202,167	7133	3.7
2. Baors	1,682	1,803	121	7.2
3. Shrimp Farms ..	30,147	33,773	3626	12.0
Culture Total ..	226,863	237,743	10880	4.8
Inland Total ..	706,605	770,162	63557	9.0

B. Marine Fisheries

(a) Industrial Fisheries (Trawl)	9,623	12,227	2604	27.1
(b) Artisanal Fisheries ..	235,851	238,265	2414	1.0
Marine Total ..	245,474	250,492	5018	2.0
COUNTRY TOTAL ..	952,079	1,020,654	68575	7.2

TABLE—25

Production of Carp-Hatchling in Bangladesh, 1993.

Sources of Production	Quantity of Hatch- ling Produced (Kg.)
A. Natural Sources	5,069·05
B. Artificial Sources	
(i) Govt. Hatcheries/Fish Seed Farms	2,583·00
(ii) F.R.I	680·22
(iii) Private Hatcheries	45,701·00
TOTAL	54,033·27

TABLE—26
Information of Hatchlings Production in Govt. Hatcheries and Fish
Seed Farms, 1993

Hatchery	No. of Hatcheries	Quantity of Hatchling Produced (Kg.)
1. Fish Seed farms and Hatcheries of		
(a) Dhaka Division	18	487.00
(b) Chittagong Division	21	376.00
(c) Khulna Division	20	378.00
(d) Rajshahi Division	21	745.00
(e) Barisal Division	5	61
2. Central Hatchery of Baor Dev. Project (Jhenidaha)	1	230.00
3. Raipur Fish Hatchery and Training Centre ..	1	199.00
4. Gulshan Lake Hatchery	1	..
5. Hatchery of Fishery Research Institute, Mymensingh	1	619.82
6. Hatchery of Riverine Fishery Research Institute, Chandpur	1	60.40
7. Parbatipur Hatchery	1	43
8. Faridpur Training & Extension Centre ..	1	56.00
9. Integrated Fisheries Development Project ..	10	17.00
TOTAL	102	3263.22

NOTE : There are an estimated 4 (four) lakh fry in 1 (one) kg. of 4—5 day old hatchling.

TABLE—27

Production of Hatchling (4-5 days old fry) from Hatcheries in Private Sector in 1993 (Division-wise)

Division				No. of Hatcheries	Quantity of Hatchlings (4-5 days old fry) Produced (kg.)
Chittagong	..	..	..	98	11,851.00
Dhaka	..	..	..	33	1,443.00
Rajshahi	..	..	..	66	8,219.50
Khulna	..	..	..	58	24,117.50
Barisal	..	..	..	1	70
TOTAL	..	..	..	256	45,701.00

TABLE -28
Report of Carp Spawn/Fertilizer Egg Collection from Natural Sources-1993

District	Thana	Collection Centre	Name of river	Number of					Collection Period	Free-Quanti-ty of Spawning Time zed Egg Caught (kg)	Sale Rate of Spawning Time zed Egg Tk./kg	Remarks
				Savar Enga-ged	People	Net Used	Boat	Used				
1	2	3	4	5	6	7	8	9	10	11	12	13
Gaibandha	Sadar	Chithulia Digor	Jamuna	3	17	80	3	14-05-93 07-06-93—15-06-93	2	58.50	1200	..
Sub-Total		1		3	17	80	3			58.50		
Sirajganj	Sadar	Bhatapeire	"	47	68	224	3	07-05-93—04-06-93	1	334.50	1000	4000
	Balcuchi	Brahmanpara	"	10	40	200	10	07-05-93—15-06-93	1	327.51	1000	2000
	Kazipur	"	"	5	33	124	5	30-05-93—25-06-93	1	163.25	1000	3000
	Shajadpur	Hatpachil, Sonatala	"	10	85	500	19	20-06-93—23-06-93	1	85.00	3500	4000
Sub-Total		6		72	226	1048	37			910.26		
Jamalpur	Madar-ganj	Chandpur	"	3	24	130	7	25-05-93—10-06-93	1	78.50	500	3000
Sub-Total		1		3	24	130	7			78.50		
Bogra	Sariakan-di	Dhigalkandi, Mathuapara Nabadari	"	5	17	43	1	12-06-93—15-06-93 26-06-93	2	46.00	500	..
Sub-Total		3		5	17	43	1			46.00		

Manikganj Shivalaya Satura, zikutia „									
	2		9	18	123	9		322.00	500
Sub-Total			9	18	123	9		322.00	
Jamuna Total	13		92	302	1424	57		1415.26	
Rajshahi Bhaga Chandpur Upper „									
		Khairhat Padma	30	95	176	1	05-07-93—07-07-93 03-08-93—05-08-93	2	58.50 1200
Sub-Total	2		30	95	176	1		58.50	
Nawabganj nawabganj kodolhati									
Sub-Total	1							10.00	
Rajbari Sadar Rajbari „									
			2	6	10	2		18.00	
Sub-Total	1		2	6	10	2		18.00	
Upper Padma Total	4		32	101	186	3		86.50	
Faridpur Sadar Tapurarchat Lower									
		Dakshinchar Padma	64	610	160	82	08-06-93—16-07-93	1	607.06 2500
		Madhapdia							
Char Gopalpur „									
		Bhadrasion Ghat	11	55	220	22		55.00	
		Mathabangha							
Sub-Total	5		75	665	380	104		662.06	

District	Thana	Collection Centre	Name of river	Number of								Collection Period	Free-Quantity of Spawning Time Caught (kg)	Sale Rate Tk./kg	Remarks
				Savar People Engaged	Net Boat Used	Boat Used	Boat Used	Boat Used	Boat Used	Boat Used	Boat Used				
1	2	3	4	5	6	7	8	9	10	11	12	13			
Rajbari	Goalundo	Cornshona	"	15	82	267	15			244.00					
Sub-Total		1		15	82	267	15			244.00					
Lower Padma	Total	6		90	747	647	119			906.06					
Upper+Lower Padma	Total	10		122	848	833	122			992.56					
Faridpur	Modhu-khali	Rajdharpur, Sitarampur Bhallakandi	Gorai	16	60	291	16	10-07-93		140.00					
Sub-Total		3		16	60	291	16			140.00					
Kushtia	Sadar	Shasanghat	"	2	37	2	5			1.50	2000				
Sub-Total		1		2	37	2	5			1.50					
Gorai	Total	4		18	97	293	21			141.50					
Faridpur	Sadar	Kasidanga	Arial Khan	3	4	45	3	29-05-93—04-06-93		24.50					
Sub-Total		1		3	4	45	3			24.50					

Madaripur Sibchar	Hazra Dattapara, Nilkhi	31	124	632	62	15-05-93—31-07-93	724.00
Sub-Total	3	31	124	632	62		724.00
Arial Khan Total	4	34	128	677	65		748.50
Madaripur Rajor	Shankerdi Kumar Goalbathan	6	14	66	6	15-05-93—31-07-93	81.00
Kumar Total	2	6	14	66	6		81.00
Sariatpur Naria	Nariaghat Kirtinasa WAPDA Ghat	15	42	201	14	29-05-93—31-07-93 25-06-93—15-08-93	2 23.25
Kirtinasa Total	2	15	42	201	14		23.25
Chittagong Hathazari	Gardura Halda Napiterhat Ramdashat Bariaghona Khaliphaghona	145	544		447	30-04-93	1 1629.12 4000 6000
Halda Total	5	145	544	0	447		1629.12
Kurigram Sadar	Kalir Alga Dudkumar Parbatipur	4	30	74	..	14-06-93—15-06-93 06-07-93—07-07-93	2 37.86 1000 2000
Dudkumar Total	2	4	30	74	..		37.86
Country Total	42	436	2005	3568	732		5069.05

TABLE 29 : Export of Fish & Fish Products 1992-93

Item					Quantity in Ton	Value in Million Taka
					Quantity	Value
Frozen Shrimp					19,224	6,040
Frozen Fin Fish					2,704	383
Frozen Frog leg					..	..
Dry fish					1,042	123
Salted & Dehydrated fish					599	98
Shark fin & Fish maws					238	142
Turtles/Tortoise					600	69
Crab					2,200	148
Total					26,607	7,003
Percentage of total export earning						7.57%

SOURCE : Export Promotion Bureau.

(THE END)

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