

APPENDIX-B

Table AB.1: Brackishwater Bheri Area in North 24 Parganas during 1980-81 and 2007-08

Sl No	Block	Area in ha	Area Under Bheri During 1980-81 in ha	Area Under Bheri During 2007-08 in ha	% of Bheri Area to Total Area During 1980-81 in ha	% of Bheri Area to Total Area During 2007-08 in ha
1	Bagdah	23347	0	0	0	0
2	Bongaon	33670	0	0	0	0
3	Gaighata	24330	0	0	0	0
4	Habra	23003	0	0	0	0
5	Barasat	21901	908	2268.04	4.15	10.36
6	Amdanga	13927	0	0	0	0
7	Deganga	20209	145	723.35	0.72	3.58
8	Rajarhat	7290	653	653	8.96	8.96
9	Barrackpur	13618	0	0	0	0
10	Baduria	17972	1200	2782	6.68	15.48
11	Haroa	15273	4758	8344.15	31.15	54.64
12	Minakhan	15882	4047	6294.49	25.48	39.63
13	Swarupnagar	21513	126	0	0.59	0
14	Hasnabad	15307	583	1302.49	3.81	8.51
15	Hingalganj	23880	14	362.15	0.06	1.52
16	Sandeshkhali	37951	1789	7952.91	4.71	20.96
17	Basirhat	23926	1026	3267.9	4.29	13.66
	Total	352999	15,439	33,950.48	4.37	9.62

Source: Ghosh, 1990 and Meen Bhawan, Barasat, N 24 PGS

Table AB.2: Inland and Marine Shrimp and Fish Production in WB in Ton

Year	Inland				Marine			
	Shrimp			Fish	Shrimp			Fish
	Penaeid	Non-Penaeid	Total		Penaeid	Non-Penaeid	Total	
1990-91	12,370	6,220	18,590	555000	7,350	2,845	10,195	125000
91-92	13,819	7,029	20,848	592000	8,116	3,471	11,587	140000
92-93	14,608	7,850	22,458	612000	8,497	3,450	11,947	145000
93-94	15,025	7,751	22,776	653000	9,383	3,159	12,542	153000
94-95	14,893	8,122	23,015	669000	8,657	4,128	12,785	151000
95-96	16,632	7,392	24,024	740000	8,718	3,758	12,476	153000
96-97	16,261	8,958	25,219	760000	9,039	4,242	13,281	174000
97-98	17,373	8,161	25,534	786000	10,727	3,239	13,966	164000
98-99	18,357	6,442	24,799	824500	11,319	3,947	15,266	171000
99-2000	17,049	6,178	23,227	865000	11,599	5,924	17,523	180000
2000-01	16,610	6,075	22,685	879000	11,320	6,015	17,335	181000
01-02	18,200	4,250	22,450	915300	11,615	6,130	17,745	184700
02-03	21,150	6,510	27,660	938500	12,730	6,110	18,840	181500
03-04	24,750	6,070	30,820	988000	13,050	7,950	21,000	181600
04-05	35,000	16,000	51,000	1035500	13,000	7,000	20,000	179500
05-06	40,000	21,100	61,100	1090000	12,000	6,000	18,000	160000

06-07	41,000	22,440	63,440	1181000	11,001	5,527	16,528	178000
07-08	41,190	26,370	67,560	1265000	12,854	6,481	19,335	183000
08-09	45,150	27,050	72,200	1295000	9,600	6,400	16,000	189000

Source: Hand Book on Fishery Statistics of WB (2003-04, P 15 and 16 and 2009-10, P 13),
Deptt. Of Fishery, Govt. of WB.

Table AB.3: Contribution of Fisheries towards State Domestic Product (SDP) in WB in Percentage

Year	Agriculture	Fishery	Forestry
1998-99	31.73	3.29	0.96
1999-2000	29.38	3.40	0.85
2000-01	26.73	3.55	0.82
2001-02	25.95	3.28	0.70
2002-03	23.97	3.35	0.67
2003-04	23.18	3.42	0.74
2004-05	21.20	3.22	0.74
2005-06	21.28	3.18	0.77
2006-2007	19.68	3.18	0.76
2007-08	20.05	3.12	0.765

Source: Hand Book on Fishery Statistics of WB, 2003-04 (page 102) and 2009-10 (page 66).

Table AB.4: Fish and Prawn Production in Inland Sector and Bheri in WB vis-à-vis in North 24 Parganas in Ton

Year	WB			North 24 Parganas		
Year	Total Inland Fish	In Brackish Water Bheri		Total Inland Fish	In Brackish Water Bheri	
		Fish= Total Fish in Bheri - Prawn in Bheri	Prawn in Bheri = Inland Prawn			Fish= Total Fish in Bheri – Prawn in Bheri
2000-01	8,56,438.68	48,778	22,685	77,278.06	29,913	10,208.35
2001-02	8,93,024.55	52,615	22,785	78,170.38	30,583	10,238.35
2002-03	9,10,840	48,844	27,660	1,01,174.69	30,372	12,300
2003-04	9,57,180	36,993.65	54,049	1,06,468	27,004.65	27,532
2004-05	-----	36,832	45,588.80	-----	27,014	24,073
2005-06	-----	38,033	61,166	-----	27,892	45,508
2006-07	-----	40,036	58,397	1,30,541	29,286	40,516
2007-08	11,96,874	48,430	67,570	1,35,775	31,271	42,320
2008-09	12,22,510	43,800	72,200	1,30,562	32,779	46,088

Source: Extracted and Calculated Based on Hand Book on Fishery Statistics of WB, 2009-10 (Page 15-17) and 2003-04 (Page 17-21); NABARD's Initiatives in Development of Fisheries Sector of WB, WB Regional Office, Kolkata (page 62); Director of Fisheries, Govt. of WB, Sector V, Salt Lake, WB; Assistant Director of Fisheries, Meen Bhaban, Barasat, North 24 Parganas, WB and Annual Administrative Report, 2006-07, Deptt. of Aquaculture, Aquatic Resources and Fisheries Harbours, Govt. of WB, Page 84.

Table AB.5: Item-wise Export of Fish/Fish Products from WB (Quantity in Ton and Value in Crore Rupees)

Item	Quantity /Value	2000- 01	2001- 02	02-03	03-04	04-05	05-06	07-08	08-09
Frozen Shrimp	Quantity	11626	12526	12513	13532	13585.43	13237.92	17456.16	17102.79
	Value	533.45	473.71	499.44	489	462.36	471.49	585.64	573.15
Frozen Fish	Quantity	5653	4373	3495.5	2135	2709.34	3381.47	4402.09	7759.60
	Value	39.3	33.57	34.11	23.8	24.32	35.32	48.47	67.79
Fr cuttle Fish	Quantity	8	59	311.7	558	1201.58	364.93	650.55	940.45
	Value	0.07	0.41	2.74	4.23	9.49	2.54	5.64	9.96
Dried Item	Quantity	332	154	203.98	171	296.36	362.95	3343.57	5228.58
	Value	9.44	6.7	6.35	7.86	11.39	9.42	16.76	23.82
Live Item	Quantity	520	437	384.38	353	407.74	478.90	600.35	819.22
	Value	7.39	6.6	5.17	5.49	7.83	7.57	9.72	15.78
Chilled Item	Quantity	414	143	236.26	408	403.50	505.04	1110.91	1625.92
	Value	5.75	2.95	5.18	8.45	9.90	12.87	21.50	28.06
Others	Quantity	0	0	6.00	0	0.91	16.21	86.68	148.67
	Value	0	0	0.16	0	0.02	0.18	0.89	1.80

Grand Total	Quantity	18553	17692	17151	17157	18605	18356.96	27650.31	33625.23
	Value	595.4	523.94	553.15	538.83	525.30	539.68	688.62	720.36

Source: Hand Book of Fishery Statistics, WB 2009-10, Page 44.

Table AB.6: Export of Shrimp of WB and North 24 Parganas Bheries in Frozen Form in Ton

Year	Net Wt of Export from WB in Ton	Gross Wt of Export from WB in Ton = Net Wt.X1.62	Gross Wt. of Export from Bheri in WB in Ton = Gross Wt. of Export X 0.59	% of 24 PGS(N)'s Bheries' Production to that of WB	Export from 24 PGS(N)'s Bheri in Ton = Export from WB's Bheri X 24 PGS(N)'s Bheries' share in % of total Production in bheri of WB
2000-01	11,626	18,834	11,112	45.00	5,000
01-02	12,526	20,292	11,972	44.93	5,379
02-03	12,513	20,271	11,960	44.47	5,319
03-04	13,532	21,922	12,934	50.94	6,589
04-05	13,585.43	22,008	12,985	52.80	6,856
05-06	13,237.92	21,445	12,653	74.40	9,414
06-07	---	-----	-----	69.38	-----

07-08	17,456.16	28,279	16,685	62.63	10,450
08-09	17,102.79	27,707	16,347	63.83	10,434

Source: Extracted by the Author from Hand Book of Fishery Statistics, WB, 2009-10, Page 15 and 44;
Hand Book of Fishery Statistics, WB, 2003-04, Page 17-20 and 52 and 2009-10, page 15 and 40.

Table AB.7: Export of Shrimp of WB and North 24 Parganas's Bheries in Crore Rupees

Year	Gross Wt of Export from WB in Ton = Net Wt.x1.62	Export Value in Crore Rs. from WB	Value in Crore Rs. of per unit Gross Wt. of Export	Export from Bheri in WB in Ton	Export from Bheri in 24 PGS(N) in Ton	Export from Bheri in WB in Crore Rs.= Export in Ton x Value in Crore Rs. of per unit Wt. of Export	Export from Bheri in N 24 PGS in Crore Rs.= Export in Ton x Value in Crore Rs. of per unit Wt. of Export	Export Value in Crore Rs. from Bheri of WB= Gross Wtx Value of Per Ton of Gross Wt.	Export Value from N 24 PGS's Bheri in Crore Rs.= Export Value from WB's Bheri in Crore Rs./ Export Value in Crore Rs. from WB x Export from N 24 PGS(N)'s Bheri in Ton
2000-01	18,834	533.45	533.45/18834 =0.0283238	11,112	5,000	314.73	141.62	533.45	314.74/11112x6,567=186.01
2001-02	20,292	473.71	0.0233447	11,972	5,379	279.48	125.57	473.71	162.02
2002-03	20,271	499.44	0.0246381	11,960	5,319	294.67	131.05	499.44	208.68

200 3-04	21,922	489	0.0223064	12,934	6,589	288.51	146.98	489	205.64
200 4-05	22,008	462.36	0.021008724	12,985	6,856	285.49	144.04		
200 5-06	21,445	471.49	0.02198601	12,653	9,414	278.19	206.98		
200 6-07	----	-----	-----	-----	-----	----	-----		
200 7-08	28,279	585.64	0.02070936	16,685	10,450	345.54	216.41	573.15	248.88
200 8-09	27,707	573.15	0.0206861	16,347	10,434	338.16	215.84	573.15	248.86

Source: Extracted by the Author from Hand Book of Fishery Statistics, WB, 2009-10, Page 44 and 15.

Table AB.8: Production, Export and Not-Export Of Prawn from Bheri in WB and North 24 Parganas in Ton and in Rupees

Year	Total Production in Ton		Export in Ton		Not Exported = Local Market			
	WB	N 24 PGS	WB	N 24 PGS	WB in ton	N 24 PGS		
						In Ton	Price in Rs per Kg	Amount in Rs. in local market
2000-01	22,685	10,208.35	11,112	5,000	11,573	5,208	160	8,33,280

2001-02	22,785	10,238.35	11,972	5,379	10,813	4,859	170	8,26,030
2002-03	27,660	12,300	11,960	5,319	15,700	6,981	200	13,96,200
2003-04	54,049	27,532	12,934	6,589	41,115	20,943	220	41,88,600
2004-05	45,588.80	24,073	12,985	6,856	32,604	17,217	230	39,59,910
2005-06	61,166	45,508	12,653	9,414	48,513	36,094	250	90,23,500
2006-07	58,397	40,516	-----	-----	-----	-----	270	-----
2007-08	67,570	42,320	16,685	10,450	50,885	31,870	280	89,23,600
2008-09	72,200	46,088	16,347	10,434	55,853	35,654	300	1,06,96,200

Source: Extracted by the Author from Hand Book of Fishery Statistics, WB, 2009-10, Page 44 and 15, Hand Book of Fishery Statistics, WB, 2003-04, Page 17-20 and Meen Bhawan, Barasat, North 24 Parganas.