



***YEARBOOK OF FISHERIES STATISTICS
OF
BANGLADESH***

2015-16



Department of Fisheries, Bangladesh
Ministry of Fisheries and Livestock

**Yearbook of Fisheries Statistics of Bangladesh
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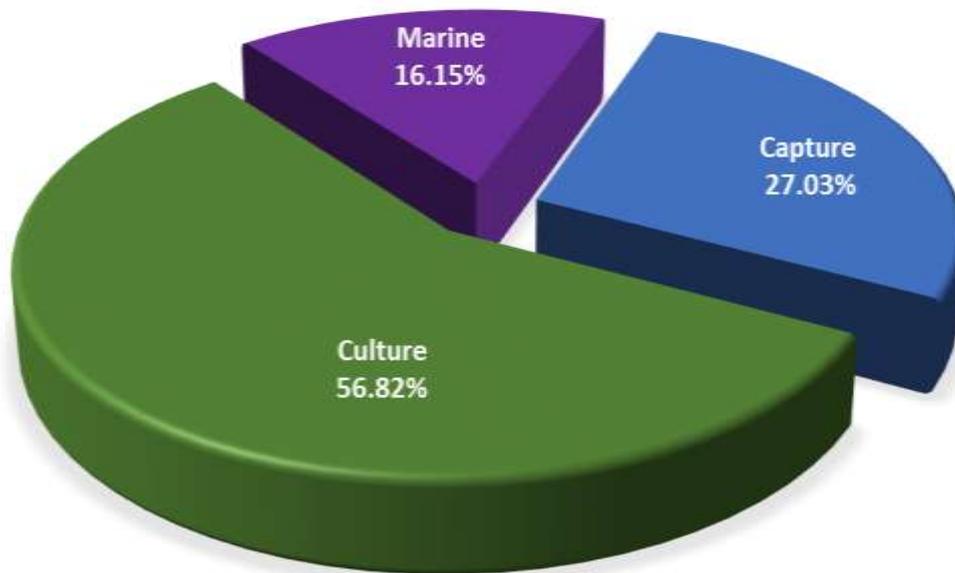
YEARBOOK OF FISHERIES STATISTICS OF BANGLADESH 2015-16

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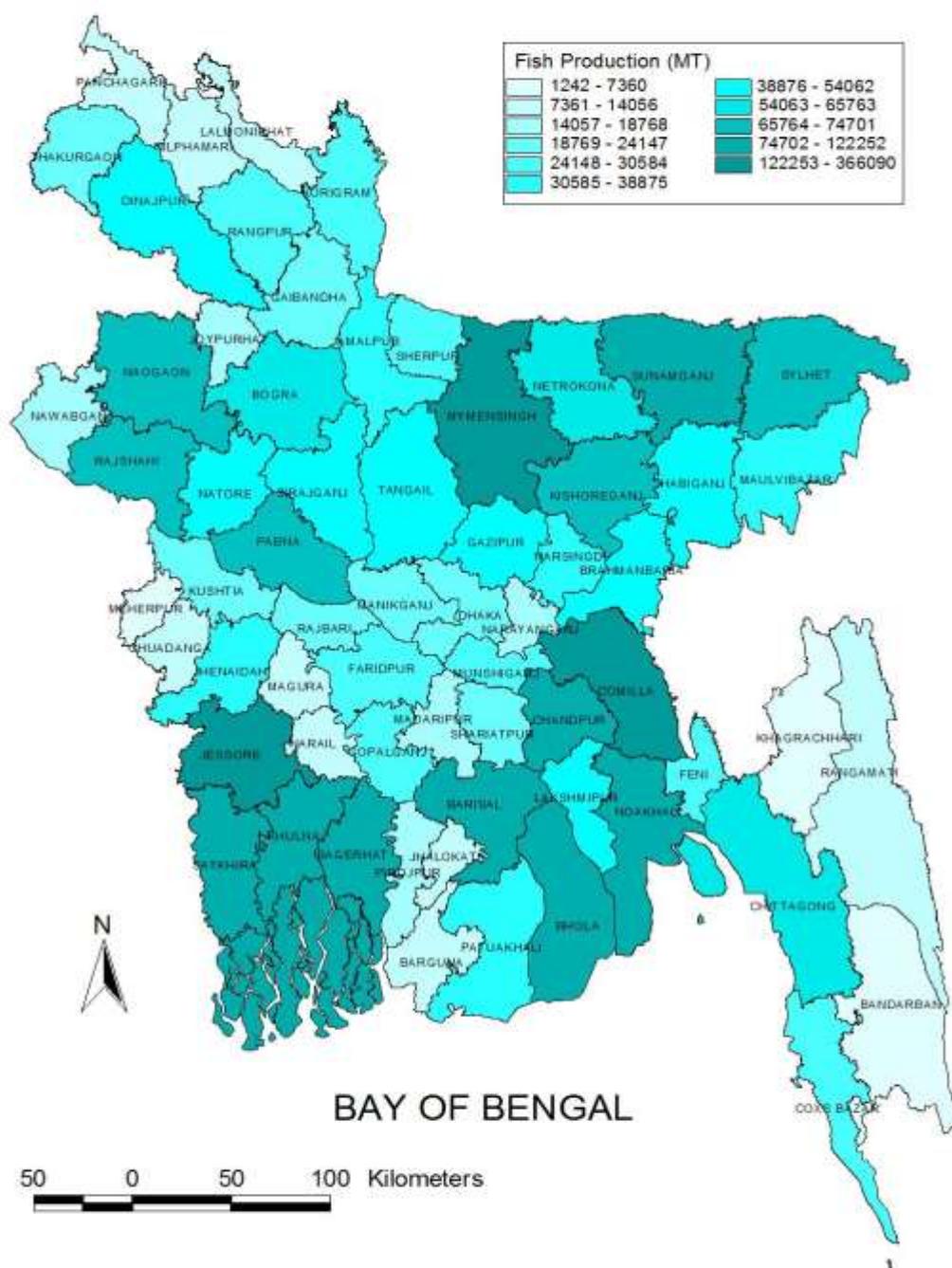
YEARBOOK OF FISHERIES STATISTICS OF BANGLADESH

FISH PRODUCTION BY SOURCE OF 2015-2016



**Fisheries Resources Survey System
Department of Fisheries, Bangladesh
Ministry of Fisheries and Livestock**

District wise Total Fish Production in Inland Water of Bangladesh, 2015-2016



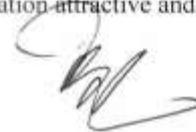
PREFACE

Yearbook of Fisheries Statistics of Bangladesh is designed to provide statistical information of diversified fisheries resources and their contributions in fisheries production in Bangladesh for the fiscal year 2015-16. Considering the importance we have tried to furnish the latest information on different areas of fisheries production in Bangladesh. This yearbook is aimed to work as a source of information for the planners, decision makers and development partners who are intended for the advancement of fisheries sector and to plan appropriate management options for fisheries resources in Bangladesh. It is also expected that the report might offer useful information to students, researchers, private entrepreneurs, non-government organizations and related government departments.

This yearbook is a unique yearly publication of Department of Fisheries (DoF) Bangladesh since 1983. This book is 33th edition containing updated fisheries statistical information. The data accumulated in this publication has been collected in various ways, such as field survey, fish landing records, data from DoF field offices, reports of different projects of DoF and statistics of other concerned departments. The collected information has been presented in the simplest way in this report after necessary analysis and scrutiny. The valuable feedback from other concerned agencies and persons has been accounted during the processing.

With respect to the previous collection of report, this edition contains several improvements. The information of the publication has been presented in the form of table and figure which is easily understandable to general readers. The production of fish and shellfish from different water bodies has been presented on account of country, division and district basis. The comparison of production from various resources has also been added.

Different related organizations have enriched the publication by providing valuable resource based fisheries production information. It gives me great pleasure to extend my sincere and deep thankfulness to Bangladesh Bureau of Statistics for cooperation and precious advice and also for issuing no objection certificate (NOC) for authenticity the yearbook as official statistics. It also gives me pleasure in expressing my heartfelt gratitude to them for their valuable contributions. I would also like to convey my thanks to my colleagues of who have rendered any valued suggestion for improvement of the report will also be appreciated tireless efforts to make this publication attractive and useful.



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Yearbook of Fisheries Statistics of Bangladesh is a regular distinctive and it is 33th annual publication of Department of Fisheries (DoF), Bangladesh since 1983. This yearbook represents detailed yearly fisheries production information of Bangladesh. I trust that it would be useful for national, regional and global fisheries development planning. The Fisheries Resources Survey System (FRSS) received co-operation, support and assistance in various ways from relevant stakeholders during preparation of this publication. The wing is grateful to all of them although it is not possible to convey gratitude and appreciation to everyone by name.

It is a privilege and great pleasure to offer my heartfelt acknowledgement, deepest sense of gratitude and insightful regards to respected Director General, Department of Fisheries (DoF) for his scholastic guidance, compassionate supervision, valuable advice and constructive criticism in all phases of the data collection and preparation of this Report.

I would like to express my sincere gratitude and deepest sense of appreciation to all of colleagues of Fisheries Resources Survey System of DoF for their tireless efforts, pleasant assistance and substantial information throughout the data process and during formulation of this publication.

It gives me great pleasure to extend my sincere and deep thankfulness to the officials of Bangladesh Fisheries Development Corporation (BFDC) and Forest Department (FD) for providing necessary data for this publication. I am also grateful to officials of Ministry of Fisheries and Livestock for their kind continuous support and advise to prepare the yearbook. I would like to express my cordial thanks to Bangladesh Bureau of Statistics for cooperation.

I would also like to express my cordial thanks and gratitude to all of the members of the Editorial Committee and colleagues of DoF, Bangladesh for their assistance and co-operation during the preparation of the Report.

I would be thankful for any suggestion written or oral for any improvement of this yearbook.



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Key Findings

Sector of Fisheries	2015-16			2014-15			Prod. increase	Growth Rate %
	Water Area (Ha)	Prod. (MT)	Productivity Kg/ Ha)	Water Area (Ha)	Prod. (MT)	Productivity (Kg/ Ha)		
i) Inland Open Water (Capture)	3918608	1048242	268	3906434	1023991	262	24251	2.37
1. River and Estuary	853863	178458	209	853863	174878	205	3580	2.05
2. Sundarbans	177700	16870	95	177700	17580	99	-710	(-) 4.03
3. Beel								
(a) Natural	101492	81338	801	101621	79358	781	1980	2.50
(b) Beel Nursery	12669	14115	1114	12540	13320	1062	795	5.96
Beel Total	114161	95453	836	114161	92676	812	2777	3.00
4. Kaptai Lake	68800	9589	139	68800	8645	126	944	10.92
5. Floodplain								
(a) Subsistence Fisheries	2317175	611334	264	2317175	600876	259	10458	1.74
(b) Fry Released Program	158086	43121	273	145912	40478	277	2643	6.53
(c) Haor	228823	93417	408	228823	88856	388	4561	5.13
Floodplain Total	2704084	747872	276	2691910	730210	271	17662	2.42
ii) Inland Close Water (Culture)	795841	2203554	2877	794361	2060408	2594	143146	6.94
6. Pond	372405	1719783	4618	372397	1613240	4332	106543	6.61
7. Seasonal cultured waterbody								
(a) Paddy Field/Floodplain	126329	193191	1529	124868	187073	1498	6118	3.27
(b) Boropit	8547	14467	1692	8462	14207	1679	260	1.83
Seasonal waterbody Total	134876	207658	1539	133330	201280	1510	6378	3.17
8. Baor	5488	7729	1408	5488	7267	1324	462	6.36
9. Shrimp/Prawn Farm								
(a) Shrimp/Prawn Production		125699	456		126077	457	(-) 378	(-) 0.30
(b) Fish Production		114099	414		97505	354	16594	17.02
Shrimp Farm Total	275509	239798	870	275583	223582	811	16216	7.25
(c) Crab*	19408	13160	678	--	--	--	--	--
10. Pen Culture	7553	13364	1769	7553	13070	1730	294	2.24
11. Cage Culture	10	2062	21 kg/cum	10	1969	20 kg/cum	93	4.72
iii) Marine Fisheries	--	626528	--	--	599846	--	26682	4.49
12. Industrial		105348			84846		20502	24.16
13. Artisanal		521180			515000		6180	1.20
Total Fish Production		3878324			3684245		194079	5.27

* Crab area is included with Shrimp farm area.

Species	2015-16	2014-15	Prod. Increase	Growth Rate (%)
Hilsa Production (MT)	394951	387211	7740	2.01
Shrimp/Prawn Production (MT)	234188	230244	3944	1.71
Hatchling Production (Kg)	614433	551910	62523	11.33
PL Production (Core)	1318.85	1248.18	70.67	5.66

Key Findings

Bangladesh is one of the world's leading fish producing countries with a total production of 38.78 lakh MT in 2015-16, where as inland open water (capture) contributes 27.03 percent (10.48 lakh MT) and inland closed water (culture) contributes 56.82 percent (22.04 lakh MT) to total production. So, 83.85 percent of total production comes from inland fisheries. The growth rates of inland capture and inland culture are 2.37 and 6.94 percent respectively. On the other hand, Marine fisheries production is 6.26 lakh MT and its contribution to total fish production is 16.15 percent with growth rate 4.49 percent. Overall growth rate of total fish production in 2015-16 is 5.27 percent. The overall growth performance from inland aquaculture shows a moderate increased trend. The fish production has increased more than five times (7.54 MT in 1983-84 to 38.78 lakh MT in 2015-16) over the last three decades.

The fish production diversity of fisheries resources of inland open water fisheries of river, beel, floodplain and Kaptai lake in 2015-16 are 1.78 lakh MT, 0.95 lakh MT, 17.48 lakh MT and 0.09 lakh MT respectively and corresponding growth rates are 2.05, 3.00, 2.42 and 10.92 percent respectively. The respective contributions to total production are 4.60, 2.46, 19.28 and 0.25 percent. Fish production has been increased compare to previous year. But the production of Sundarbans fishery has decreased comparatively, its contribution is 0.43 percent to total production and consequently its growth rate is (-) 4.03 percent.

The fish production (aquaculture) in 2015-16 of pond, seasonal cultured waterbody, baor, shrimp farm, pen culture, cage culture (inland closed waterbody-culture) are 17.19 lakh MT, 2.07 lakh MT, 0.07 lakh MT, 2.39 lakh MT, 0.13 lakh MT, 0.14 lakh MT respectively. Subsequently, the corresponding contribution to total production are 44.34, 5.35, 0.20, 6.18, 0.34 and 0.05 percent respectively. The corresponding growth rates are 6.61, 3.17, 6.36, 7.25, 2.24 and 4.72 percent respectively. Crab production is 0.13 lakh MT which is included first time in this yearbook. The aquaculture production became more than double (9.19 lakh MT in 2005-06 to 22.04 lakh MT in 2015-16) during the last ten years. The overall growth performance from inland aquaculture shows a moderate and creditable increasing trend.

In 1983-84, the contribution of inland capture and culture fisheries to total fish production were 62.59 percent and 15.53 percent respectively; whereas in 2015-16, inland capture fisheries contributes only 27.03 percent and inland culture fisheries contributes 56.82 percent to total fish production. A slight growth in the production from both inland capture and marine fisheries was also noticed during the recent past years with some exceptions.

Hilsa (Ilish) is the national fish of Bangladesh. More than 10.18 percent of the country's total fish production comes from hilsa. As a result, hilsa production increased from 1.99 lakh MT in 2003-04 to 3.95 lakh MT in 2015-16. The growth rate of hilsa production is 2.07 percent. Shrimp is one of the major export items in Bangladesh. Total shrimp and prawn production including capture has been increased from 1.60 lakh MT in 2002-03 to 2.34 lakh MT in 2015-16 and its growth rate is 1.71.

This yearbook of fisheries statistics is published with the objective of providing necessary and precise fisheries production information facilitating resource based fisheries planning by the related organizations.

CHAPTER -1

Background :

Fisheries in Bangladesh have both prospects and challenges. Fisheries sector represents one of the most productive and dynamic sectors in Bangladesh. The fisheries sector of Bangladesh is playing an increasingly important role in the economy for the last few decades. Bangladesh has achieved remarkable progress in the fisheries sector since its independence in 1971. Fisheries sector is contributing a very significant role in the socio-economic development and deserve potential for future development in the agrarian economy of Bangladesh. This sector represents one of the most productive and dynamic sectors in Bangladesh. It contributes 3.65 percent to our national GDP and around one-fourth (23.81 percent) to the agricultural GDP.

Bangladesh is blessed with vast and rich fisheries resources. The diversified fisheries resources of the country are divided into two groups as Inland and Marine fisheries. Inland fisheries has two sub sectors as Inland Capture and Inland Culture fisheries. Inland Capture fisheries comprises with river and estuaries, beels, floodplain, Sundarbans and Kaptai lake. On other hand, Inland Culture fisheries includes pond, seasonal cultured waterbody, baor, shrimp/prawn farm, crab, pen culture, cage culture. Again, Marine fisheries includes industrial (Trawl) and artisanal fisheries.

Yearbook of Fisheries Statistics of Bangladesh, 2015-16 is designed to provide statistical information of diversified fisheries resources and their contribution in fisheries production in Bangladesh. It represents the brief compilation of statistics of fish production of different sub-sectors of fisheries resources prepared by Department of Fisheries. Department of fisheries is conducting catch assessment survey for Inland (Capture & Culture) and Marine fisheries.

Department of Fisheries (DoF) Bangladesh usually produces the yearbook for unique yearly publication since 1983. This is the 33th annual publication of Department of Fisheries containing updated fisheries statistical accurate information on different sources of fisheries production in Bangladesh. This yearbook represents detailed yearly fisheries production information of Bangladesh of 2015-16 which is reliable and authentic one. Considering the importance, Department of Fisheries tried to furnish the latest information on different areas of fisheries production in Bangladesh. Crab production has been included this year.

The data accumulated in this publication has been collected in various ways, such as field survey, fish landing records, data from DoF field offices, reports of different projects of DoF and statistics of other concerned departments. Strong supervision and monitoring has been done for reliability and accuracy of the data. The valuable feedback from other concerned agencies and persons has been accounted during the processing. The collected information has been presented in the simplest way in this publication after necessary analysis and scrutiny. The production of fish and shellfish from different waterbodies or fisheries resources has been presented on account of country, division and district basis. The comparison of fish production of different years from various resources has also added.

Bangladesh fisheries have ample scope of development to strengthen the national economy. Accurate fisheries statistical information is prerequisite for the better planning. This fisheries statistical yearbook is published with the objective of providing necessary and precise fisheries production information facilitating resource based fisheries planning by the related organizations.

Objective of the Yearbook :

- To estimate total fish production of different fisheries resources/sectors of Bangladesh.
- To compile fish production area wise (district wise).
- To compile production species wise.
- To provide official statistics of fish production to fisheries professionals, planners, decision makers, researchers, government agencies, non-government agencies, private entrepreneurs, different agencies, development partners and other relevant key stakeholders of fisheries sector.
- To use production information for national, regional and global fisheries development and management planning.
- To provide fisheries production information to facilitate planning for resource based fisheries by the related different stakeholders.

Scope:

- Proper planning for better improvement of fisheries resources.
- Information dissemination and sharing.
- Action plan to be taken.
- Fisheries development strategy.

Limitation :

The sampling frame was done in 1985 and data is being processed on the basis of this frame survey. It may lead in different estimation from the actual production.

CHAPTER -2

Methodology (Fisheries Catch Assessment of Survey System)

Introduction:

Bangladesh is one of the world leading fish producing country. This sector is contributing significantly in food security through providing safe and quality animal protein. Fisheries sector contributes 3.65% to GDP and 23.81% to agricultural GDP. Fish supplements to about 60% of our daily animal protein intake. More than 11 percent of total population of Bangladesh are engaged with this sector on full time and part time basis for their livelihoods. This sector also has high potential for the perspective of economic development of the country. Bangladesh earns a considerable amount of foreign currencies by exporting fish, shrimps and other fisheries products.

Yearbook of Fisheries Statistics of Bangladesh is designed to provide statistical information of diversified fisheries resources and contribution in fisheries production in Bangladesh. Department of fisheries is conducting catch assessment survey for Inland (Capture & Culture) and Marine fisheries since 1983. This yearbook is very useful for national, regional and global fisheries development and management planning.

Sources of Data Collection : (3 Sectors considered as 14 sub-sectors)

DOF field officers are responsible for data collection. Data is collected from Inland Fisheries (Capture and Culture) and Marine Fisheries which covers:

Sector of Fisheries	Definition
Inland Fisheries	Fisheries within the sea coast line
Inland Open Water (Capture)	
1. River & Estuary	Fisheries in rivers and estuarine waters. A natural stream of water of fairly large size flowing in a definite course or channel or series of diverging & converging channel. The widening channel of a river, where it nears the sea with a mixing of fresh water & salt water.
2. Beels	Fisheries in beels. It is a open water (capture) fisheries. It contains water around the whole year.
3. Floodplain (including Haor)	Fisheries in flood lands including small canals around paddy fields. It is inundated for 3-4 months in the rainy season. It is an area of land adjacent to a stream or river
4. Kaptai Lake	Fisheries in Kaptai lake only. It is creek shaped.
5. Sundarban	Fisheries in Sundarban only. It comprises with flowing river and a mangrove area.
6. Subsistence fishing	Non-commercial fishing in inland waters. Catch fish only for own consumption.
Inland Closed water (Culture)	
7. Ponds	Fisheries in ponds and tanks. Man made closed waterbody

	with small permanent embankment.
8. Seasonal cultured water body	Fisheries in seasonal waterbody. Seasonal flooded area with temporary boundary to culture fish.
9. Baors	Fisheries in baors . It is mainly dead river for fish culture. A baor is a Ushaped body of water that forms when a wide meander from the main stream of a river is cut of creating a free standing body of water.
10. Shrimp Culture/Prawn farm	Shrimp culture in estuarine waters and prawn culture in fresh water.
11. Pen culture	Fisheries in pen. It is a pen shaped closed waterbody.
12. Cage culture	Fisheries in cage. It is blocked with nets and floats in water.
* BFDC and Forest Department usually provide fish production of Kaptai Lake and Sundarban respectively. Fish production from other sources collected through Catch Assessment Survey by DOF officers at the field level.	
Marine Fisheries	Fisheries out of the sea coast line
13. Industrial Fisheries (Trawl)	Fisheries using large boats such as trawlers. Commercial fishing vessel designed to operate fishing trawlers. It is a Marine belt Fishery fishing with Trawler.
14. Artisanal Fisheries	Fisheries using smaller boats. Small scale low technology and low capital fishing practices undertaking by individual fishing households.It is a Marine belt Fishery fishing with (Mechanized and Non- Mechanized) boat
1. Mechanized	Fisheries using mechanized boats
2. Non-mechanized	Fisheries using non-mechanized boats

Besides, data is also collected for:

- Hatchling/Spawning Production of Govt. and private hatchery
- Carp spawn/fertilized collection from Natural Resources.
- Annual export of fish and fish products.

After collecting data from these sources, the collecting data is presented for necessary cleaning, screening, editing, compilation and then for analysis. Team of Fisheries Resources Survey System (FRSS) is involved for this data accumulated for annual fish production report as “Yearbook of Fisheries Statistics of Bangladesh.”

Methodology of Data Collection :

- A catch assessment survey is formulated for catch of the different sectors of fisheries to estimate yearly total fish production for Statistical purposes in Bangladesh.
- Each of the catch assessment surveys is designed as a sample survey of three-stage or two-stage sampling or systematic sampling or simple random sampling for estimating total catches (production) on the basis of sample catch data collected by the DoF officers at field level.
- For selecting the first sampling units such as sample villages and for calculating raising factors for estimating total catches by districts, a frame survey has been conducted in advance of the initiation of each catch assessment survey to provide a complete list of the first sampling units such as fishing villages together with basic information such as the number of fishing boats.

Fixed sample villages :

- Sample villages are carefully selected and fixed for several years for keeping track of the annual trend and seasonally changes of total fish catches.

Recording of Catches : Observation & Interview.

Number of Fishing Units :

A fishing unit is defined as minimum units necessary for fishing, usually consisting of a combination of a fishing boat, fishing gear and fishermen.

No of Fishing unit	No of sample fishing units
10 and above	5
5 - 9	3
2-4	2
1	1

Data Processing by computer :

- Collected data of the catch assessment survey are being processed at headquarter. So, completed survey forms are to be thoroughly checked at field level (district & divisional) and sent to headquarter accordingly.
- Data is being processed by FRSS software at headquarter. The software was developed with cooperation of CEGIS.

Source wise different Formats:

1. River	Form-1, 2, 3	--	Form-4
2. Pond	Pond-1, 2	Pond-3	Pond-4
3. Floodplain / Subsistence /Haor	Form S2/F2	Form S2/F2	Form S2/F2
4. Beel	Beel-1,2,3	--	Beel-4,5,6
5. Baor	Baor-1	Baor-2	Baor-3
6. Shrimp Farm	Form-1	Form-2	Form-2
7. Seasonal CWB	---	SCW-1	SCW-2
8. Pen & Cage	PC-1	PC-2	PC-2
9. Kaptai Lake	BFDC		
10. Sundarban	Forest Department		
11. Marine (Industrial)	MI-1, MI-2, MI-3	---	MI-4
12. Marine (Artisanal)	MA-1, MA-2, MA-3	---	MA-3
FRSS Chart-1, Chart-2, Chart-3			

Survey System :

Purpose of the catch assessment survey is to estimate total catch of different sectors of fisheries by the following classifications :

- by districts
- by months
- by gear used
- by species
- Producer's price
- Fixed sample village
- Fixed sample day
- Monthly schedule
- Estimated total catch could be found by multiplying Raising Factor (Total no. / sample no. = Raising Factor). Estimated total catch = Catch data from sample unit x Raising Factor.

iv

Note : In case of imergency, any disaster or natural calamity arises, fixed sample day can be changed /replaced temporariy.

Responsibility for data collection :

Responsible Officer	Upaila/District/Division/ Headquarter	Supervision
Senior Upaila Fisheries Officer (SUFO)/Upazila Fisheries Officer (UFO)/Field Assistant (FA)	Upazila Level	District Fisheries Officer
Fisheries Survey Officer (FSO)	District level	District Fisheries Officer
Scientific Officer (SO)	Division level	Coordination & Supervision of FSOs
For all	Upazila/District/Division	Deputy Director & Head quarter staff (FRSS)
Marine Section	Marine Fisheries	Director (Marine)
Shrimp	Shrimp Cell	DD (Shrimp)
BFDC staff	Kaptai Lake Fishery	BFDC
Forest Dept.	Sundrbhan Fishery	Forest Department
Data input & processing	Headquarter staff	Principal Scientific Officer (Over all supervision at field & Headquarter)

iv

Sampling Method :

Riverine Fisheries :

Purpose of the catch assessment survey for the riverine fisheries is to collect sample catch data and producer's price data necessary for estimating total catches, their values and corresponding fishing effort by districts as well as principal, major and other rivers, by months, by types of gear used and by species.

Sample Selection:

Sample stage	:	Sample unit
Primary sampling	:	Fishing village
Secondary sampling	:	Day
Tertiary sampling	:	Fishing unit

A fishing unit is defined as minimum units necessary for fishing, usually consisting of a combination of a fishing boat, fishing and fishermen.

Recording of catches. Two sample days in each month.

- **Observation of catches :** The data collector has to be on board of one or two sample fishing units to actually observe their catches before they are sold to buyers on the river.
- **Interview of catches :** The responsible person for data collection has to interview to fishermen of the other sample fishing units to ask their catches, when they returned from their fishing. (Form River 1 & 2)

Note : Sample villages are fixed for several years.

Selection of sample villages :

- (i) For each Principal river, two largest villages and one medium sized village in terms of the number of fishing boats are selected as representatives.
- (ii) For the other rivers, two largest villages and one medium sized village are selected from all the rivers. Representativeness in terms of locations and types of gear used and also accessibility of the selected villages are to be checked.

Selection of sample days :

Two sample days (fixed) are selected in each month for each of the sample villages to have an interval of 15 days and fixed for several years.

Estimation of daily total catch :

The total of sample catch data thus obtained are to be extrapolated by a raising factor (daily raising factor), which is to be calculated by dividing the number of all fishing units operated by the number of sample fishing units of the type of fishing gear on that sample day to get an estimated daily total catch (Form River 3 &4)

Estimated total catch of the day = Sample Total x Raising Factor

Raising Factor = Number of total units operated in the day/Number of sample units observed /interviewed

District Total Catch for the month = Average Total Catch of Sample Villages X District Raising Factor X Days of the Month/1000 (MT)

District Raising Factor = District Total Boat of the River/Total Boat of Sample Villages

POND Fisheries:

Purpose of the catch assessment survey of the pond fisheries is to collect sample catch data for estimating the average annual catch per hectare of pond by district, by conditions of ponds and by species.

- 01 sample village is to be selected in each Upazila as representative for several years
- List of 100 ponds has to be done.

- Fixed sample pond for several years
- Sample ponds - 05 at least for each category
- Sample day : once every month for each sample village (same day for every month) to interview for previous month on fish catch and input for fish culture.
- Pond condition survey : On the first day of survey of each year, the Officer is to survey pond condition of each of the sample ponds in the sample village by using Pond - 2 .

Category of Pond :

Cultured Method	Production Range
Extensive	<1.5MT/Ha
Semi-intensive	1.5- 4.0 MT/Ha
Intensive	4.0 >-10.0MT/Ha
Highly Intensive	10.0 > MT/Ha

BEEL Fisheries :

Purpose of the catch assessment survey for the beel fisheries is to collect sample catch data of beel as for estimating the annual total catch of beels by districts and by species.

- Two sample beels has to be selected for each district.
- The selected two beels must be representative in terms of fish production, condition, management, fishing practice etc.
- It could be followed that one beel is greater than 20 acres and another less than 20 acres.
- Fingerlings have been releasing under different DOF's programs and projects. Besides, leaseholder or different cooperatives take initiative to release fingerlings to beels. So, one beel should be selected from natural beel and one beel from stocked beel/beel nursery, where fingerlings have been stocked. On the other hand, one beel has to be selected from productive beel and another from less productive.

Sample day : once every month for each sample beel (Beel-2, Beel-3, Beel-4, Beel-5, Beel-6)

Physical Condition of Beel & Information

- Identification, physical condition and general information as Beel area, management, no. of fishing unit, fishers, no. of gear & type, no. of boat, no. of katta etc. should be incorporated to this form (Beel-1).

Catch Data Collection :

Beel fishery is being done usually by two ways as Katta fishing and other fishing, where fish is caught by gear & other units.

Other fishing :

- Data on fish catch by species wise *once in a month* during fishing period of beel.
- He has to collect data on the visiting day and also previous day (Format Beel-2).
- Sample unit of fishing has to be selected for each type of gear.
- Estimate average production of two days.
- Gear wise total production has to estimated (Average production x Raising Factor)
- Total catch of sample day has to be estimated (Format Beel-3) for all gears.
- Total catch for the whole season on the basis of total no. of fishing days and sample data has to be estimated (Format Beel - 4)

Katta Fishing :

- At stage of declining water of beel, katta fishing usually started.
- Firstly, total katta has to be listed and sample size of katta is to determined for collection information.
- Total catch has to be estimated by using Raising Factor (Format Beel -5)

Estimation of Annual Production :

- Annual total fish production can be estimated from (Format Beel-6) other fishing and katta fishing

Shrimp /Prawn Farm Fisheries :

Purpose of the catch assessment survey for the shrimp farm fisheries is to collect sample catch data of shrimp farms as well as sample data for calculating the increase rate of the total area of shrimp farms, necessary for estimating the annual total catch of shrimp farms by districts and by species.

The reports of shrimp farm, shrimp production and shrimp farm area are being collected from Shrimp Cell of DOF. Actually Shrimp Cell compiled this type of report and supply to FRSS. Besides, Officers also collect data in relation to Shrimp farms using Shrimp Farm *Form-1 & 2*.

- Shrimp Cell of DoF usually compile this report.
- All catches from govt. shrimp farms.
- Monthly catch from private shrimp farms (Form-1 & 2.)
- Two types (i) exclusively shrimp/prawn & (ii) Mixed (Shrimp & Fish)

Subsistence/Floodplain :

Purpose of catch assessment survey of the subsistence/floodplain fisheries is to collect sample catch data of flood waters in the monsoon season as for estimating the annual total catch of subsistence by districts and by species..

- One sample village is to be selected for each district which should be representative for the district.
- Firstly, 100 households are to be listed in each sample village (Form - S1/F1)
- 10 sample households are to be selected out of 100 households by systematic sample.
- In order to see seasonal change and long term trend of catch by the sample fishing households, the sample households are not to be changed for a few years
- *A certain day* of the month is to be selected as a survey day for sample village. The survey day is to be the same day of the month every month.
- The Officer is to visit sample subsistence/floodplain fishing households and interview to the head of household or any other member on their fishing activities during the previous month (Form - S2/F2). Besides, he will try to observe actual catches by subsistence catchers.

Baor Fisheries :

Purpose of the catch assessment survey for the baor fisheries is to collect sample catch data and producer's price of baor for estimating total catches and their values by months and by species. There are some baors at Dhaka division and Khulna division. Out of these, some baors are managed by the government and others are managed privately.

- Some baors are managed by the government and others are managed privately. There are some baors at 04 districts of Dhaka division (04 nos. baors) and 10 districts of Khulna division (14 nos. baors).
- Government managed Baor : 06 baors are managed by the Government.
- Respective Baor Manager provides necessary yearly production data of Govt. managed baor (6 baors) by species wise (*Form - Baor-1 & Baor -2*).

- Private Managed Baor : Sample baor (1 to 3 nos.) has to selected for each district for accumulating data. The Investigator will visit baor once a month and talk to leaseholder, cooperative and fishers to collect information (*Form - Baor-1 & Baor -2*).

Seasonal Cultured Waterbody (SCW):

Purpose of the catch assessment survey for the seasonal cultured waterbody (SCW) fisheries is to collect sample catch data from seasonal cultured waterbody, where fish is cultured seasonally at paddy field and floodplain. Besides, there is also seasonal cultured practice of fish at boropit, polder etc.

- Purpose of the catch assessment survey for the seasonal cultured waterbody fisheries is to collect sample catch data from seasonal cultured waterbody, where fish is cultured seasonally at paddy field and floodplain. Besides, there is also seasonal cultured practice of fish at boropit, polder etc.
- Listing of all SCWs with area and no.
- Data collection on sample basis at Upazila level. (Form SCW1 & SCW2).

Pen and Cage Culture :

In most places, there is increasing practice of fish culture at Pen and Cage. Purpose of the catch assessment survey for the Pen and Cage fisheries is to collect sample catch data from Pen and Cage (Form PC-1 & PC-2)

Kaptai Lake Fisheries:

Purpose of the catch assessment survey for the Kaptai Lake fisheries is to collect data on catch and fishing effort of the fisheries for estimating the total catch my months, fishing gear and by species.

Bangladesh Fisheries Development Corporation (BFDC) usually provides yearly total production of Kaptai Lake fisheries. After compilation of catch statistics of Kaptai lake done by BFDC is included in the Yearbook of Fisheries Statistics of Bangladesh.

Sundarbans Fisheries:

The pupose of this compilation of catch statistics of Sundarbans Fisheries is to yearly compile such statistics for inclusion in the Fisheries Statistical Report of Bangladesh by utilizing data already collected by the Diviosional Forest Officer. Yearly compiled catch data provided by Forest Department is included in Yearbook of Fisheries Statistics in Bangladesh.

Marine Fisheries:

Marine Industrial Fisheries (Trawlers):

Purpose of the catch Assessment Survey of the Marine Industrial Fisheries (Trawler) is to collect catch and effort data of trawlers for compiling statistics on the monthly total catch of Trawlers by types of fishing (Shrimp trawlers, fish trawlers and mixed trawlers) and by species and their corresponding fishing effort such as the total number of fishing days.

- The purpose of the catch report survey is to collect catch and effort data of each trip made by trawlers at their arrival.

- **Survey organization** : The Marine Fisheries Sector of Department of Fisheries, Chittagong is to conduct the survey with its inspectors.
- **Collection of reports** : The inspector is to attend each arrival of trawlers from their fishing trip and request the captain to submit the completed catch report form. The inspector should check the data reported in the form (*Form -MI-1, MI-2 and MI-3*), and if there is any deficit in the data he should correct it by asking the captain. The catch data are also to be checked with export data appearing in the invoice when it becomes available.
- **Checking and collection of forms**: The inspector is to visit companies every month to see recording of the fishing trip survey form and check completeness of the coverage of catch reports by comparing with the fishing trips recorded. At the end of the survey year, completed forms are to be collected for thorough checking of the catch reports for the whole year.

Marine Artisanal Fisheries :

Purpose of the catch assessment survey for the marine artisanal fisheries is to collect sample catch data and producer's price data necessary for estimating total catches, their values and corresponding Fishing effort by former districts, by months, by types of gear and by species.

Frame Survey : A frame survey for the marine artisanal fisheries is being conducted preferably once every year. Data on the number of fishing units will be used for estimating the total catch

Sample landing centers.: Sample landing centers are selected from larger centers for each type of gear as follows:

- Gill net ...Chittagong, Cox's Bazar, Khulna.
- Small size --- Sandip Island, Hatia Island, Kumira & Cox's Bazar.
- Long line --- Jew fish long line --- Three landing sites selected from jew fish processing plants in (Seasonal) Cox's Bazar.
- Seine net, Cast net and miscellaneous --- The sea coast is divided into six sections as follows. Cox's Bazar, South of Chittagong, North of Chittagong, Sandip Island, Hatis Islan in each section.

Sample days

i) Gill net

For each landing center, four sample days are to be selected in a month with an interval of 8 days. (for example: 3rd, 11th, 19th and 27th). The sample days thus selected are to be the same every month.

ii) Other types of gear

For each landing center two sample days are to be selected in a month with an interval of 15 days. (for example, 7th and 22nd). The sample days thus selected are to be the same every month.

Sample landing :

When the concern Officer visits a sample landing center of a certain type of gear on a sample day, first he is to make a contact with a well informed fisherman and ask the expected number of landings (boat arrival for landing) of that particular type of gear during the sample day. This number is to be recorded in the column "No of all landings" on Survey Form MA - 1.

Maximum five sample landings are to be selected from all the expected landing during the sample day. The expected number of landings recorded in the column “No of all landings” is to be corrected to the actual number of landings at the end of the sample day.

Observation of sample landings :

Since the purpose of observation of sample landings is to record sample catch data of one trip of fishing, if any sample landing consists of catches by more than one fishing unit or only a part of catch by one fishing unit the concern officer has to ask the fisherman catch by only one fishing unit and record it. If it is impossible the sample landing is to be changed to the next landing. The concerned officer is to interview to the head fisherman on the fishing trip, observe the landing of fish, and record catch data on Survey Form MA-1.

The concerned Officer observe landings of the sample fishing units and interview to the head fisherman for asking on his fishing operation and record such data on Form-MA-1 for each type of fishing gear used. Accuracy of eye-estimation of the quantity of landings is to be improved by actually weighing fish with a portable balance once in a while.

Estimation of monthly total catches.

Monthly total catches by types of fishing gear used are to be estimated by Districts as follows :

(Estimated monthly total catch) = (Average catch per fishing unit per month obtained by the catch assessment survey) x (Total number of fishing units by former District obtained by the Frame Survey).

The average catch per fishing unit per month is to be calculated as follows:

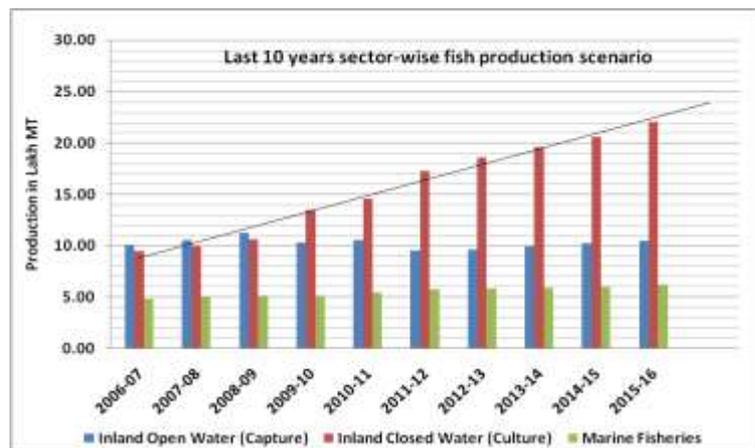
(Average catch per fishing unit per month) = (Average catch per trip obtained as an average of observed sample catch data) x (Average number of trips per fishing unit per month obtained as an average of sample data on the number of trips per month

Executive Summary

Bangladesh is one of the world's leading fish producing countries with a total production of 38.78 lakh MT, where aquaculture contributes 56.82 percent to total production. Last 10 years average growth performance of this sector is almost 5.25 percent. Government is trying to sustain this growth performance, which eventually ensures to achieve the projected production target of 4.55 million MT by 2020-21. According to FAO statistics 2016, Bangladesh is ranked 5th in world aquaculture production.

This sector is contributing significantly in food security through providing safe and quality animal protein, almost 60 percent animal protein comes from fish. It contributes 3.65 percent to our national GDP and around one-fourth (23.81 percent) to the agricultural GDP. More than 11 percent of total population of Bangladesh are engaged with this sector on full time and part time basis for their livelihoods. This sector also has high potential for the perspective of economic development of the country. Bangladesh earns a considerable amount of foreign currencies by exporting fish, shrimps and other fisheries products. Bangladesh exports frozen shrimp and other fish and fisheries products to more than 50 countries, including Belgium UK, Netherlands, Germany, USA, China, France, Russian Federation, Japan and Saudi Arabia. In 2015-16, the country earns BDT 42828.20 million by exporting almost 75.34 thousand MT of fish and fisheries products. This success is due to export of quality shrimp introducing HACCP procedure and traceability regulation according to the requirement of European Union (EU) and USA.

Over the last three decades, the fish production is increased more than five times (7.54 MT in 1983-84 to 38.78 lakh MT in 2015-16). The overall growth performance from inland aquaculture shows a moderate increased trend due to dissemination of improved technology packages and supportive/need-based extension services at farmer's level. During the last eight years, the aquaculture production became more than



Prawn farming by local beneficiaries

double (10.63 lakh MT in 2008-09 to 22.04 lakh MT in 2015-16). A slight growth in the production from both inland capture and marine fisheries was also noticed during the recent past years with some exceptions. Inland aquaculture of indigenous and exotic carp species as well as tilapia, pangas and koi expanded massively. Besides, new interest grew in farming of indigenous species like koi, singh, magur, pabda, gulsha, mola etc. because they are getting scarce on open water areas but have high market demand and better contribution to household level nutrition supply.

Coastal aquaculture, both shrimp/prawn and finfish farming is expanding complying good aquaculture practices (GAP). Now-a-days eco-friendly integrated farming is also getting more emphasis.

In the recent years, small-scale floodplain aquaculture also popularized and contributing significantly to countries total fish production. During the recent past decades, hatchery and nursery developed very rapidly which helped commercializing aquaculture. But the seed quality

of both finfish and shrimp/prawn is now a major threat for aquaculture expansion. Fish seed deteriorated mainly because of inbreeding and scarcity of quality brood stock, while shrimp seed quality deteriorated due to scarcity of virus-free mother shrimp. Open water capture fishery has been shrinking as availability of fish on open waters viz. rivers, canals, haor, beel etc. declined rapidly. In many areas, fishing has become unrewarding as catch per unit effort is extremely low. But poor fishers still try to catch whatever they can and thus destroying the natural resource.

The diversified fisheries resources of the country are divided into three groups, i.e., inland capture, inland culture and marine capture. Inland culture includes mainly pond/ditch, baor, shrimp/prawn farm, seasonal cultured water-body etc. covering an area of about 7.96 lakh ha and produces about 56.82 percent of the total fish production. This output is contributed mainly due to adoption of improved farming practices. In addition, cage farming is also popularizing in potential water-bodies. Considering the agro-ecological context of the country, there is a wide scope of flourishing the fisheries resource potentials both at vertical and horizontal dimensions. Realizing the sector potentials, government/DoF along with development partners and NGOs has implementing different initiatives to maximize fish production in a sustainable manner.

Bangladesh is blessed with huge open water resources with a wide range of aquatic diversity. Biodiversity is also enriched, comprising almost 260 freshwater fish species. But due to mainly decline and degradation of wetland resources, the share of inland capture fisheries has been reduced remarkably during recent past decades. In 1983-84, the contribution of inland capture and culture fisheries to total fish production were 62.59 percent and 15.53 percent, respectively; whereas in 2015-16, inland capture fisheries contributes only 27.03 percent and inland culture fisheries contributes 56.82 percent to total fish production. At present improved biological management is the first priority in the development policy that will restrict the declination of resources and enhance production.



SIS from open water-

The major current and future challenges of this fast growing sector includes-

- gradual resource depletion (inland open water);
- deteriorating brood stock of potential species;
- increasing water-logging, blocking migratory routes of indigenous fish species, disturbing biodiversity and creating social conflicts;
- scarcity of good quality seeds and production inputs;
- scarcity of good quality and virus-free shrimp post larvae (PL);
- obstructing the migratory routes due to increased silt deposit on the river channels;
- stock assessment of marine fishery resources;
- fishers access to public water bodies;
- expansion of good aquaculture practices for ensuring food safety;
- climate change impacts on fisheries and aquaculture;
- alternative livelihoods support to fishers during banned fishing seasons and sanctuary maintenance; etc.

To address the current challenges, several socio-economic-friendly programs have been implemented to increase the productivity of inland open waters in the recent past years. These programs includes mainly- community based fisheries management,



Cage farming in open water-bodies

establishment of beel nurseries, stocking of fingerlings including endangered species, restoration of habitats, establishment and maintenance of sanctuaries, expansion of cage and pen farming in feasible water areas, introduction of coordinated management approach, issuing of fishers identity card and enforcement of fish conservation acts, adoption of climate smart technologies, etc. As a result in many cases fishers' rights were established and they were motivated for biological management rather than only catching of fish. With the continuation of community based fisheries interventions, a strong partnership has been developed among the concerned stakeholders, i.e. GO, NGO, local elites and fishers, at implementation level. The main objective of this program is to improve the livelihood of fishers and other stakeholders through increased income and supply of animal protein.

To conserve the aquatic biodiversity, specially fish and other aquatic species diversity in open water, a set of technical interventions like establishment of fish sanctuaries, fish habitat restoration etc. have been undertaken during the recent past years. Establishment of aquatic sanctuary is one of the effective tools for conserving fish stock, protecting biodiversity and increasing fish production. Due to establishment of fish sanctuaries (more the 500 throughout the country), a substantial increase in fish production as well as abundance of endangered species was found in those water bodies, which ultimately enhanced the aquatic bio-diversity. Besides, for the conservation and development of hilsa fishery five sanctuaries were established in the selected river system. On the other hand, to ensure fish migration during the breeding period excavation and re-excavation of different connecting canals of rivers, dead rivers and beels were performed during the recent years.

Hilsa (Ilish) is the national fish of Bangladesh. More than 10% of the country's total fish production comes from hilsa. To achieve the increased target of hilsa production, the government has been implementing a unique coordinated management program to protect jatka and brood hilsa. The objective of this program is to aware all stakeholders regarding the importance of hilsa fishery in our national economy. A comprehensive program has also been executed for the protection of the renewable natural resources ensuring the participation of all stakeholders including local public representatives, DoF, local administration, Coast Guard, Bangladesh Navy, fishers and mass people residing the hilsa rich river system. Jatka or hilsa fishers were provided with food-grains to live with and inputs to start alternative income generating activities. As a result, hilsa production increased from 1.99 lakh MT in 2003-04 (starting of the on-going program) to 3.95 lakh MT in 2015-16.



National fish of Bangladesh hilsa, *T. ilisha*

Shrimp is one of the major export items in Bangladesh. Total shrimp and prawn production including capture has been increased from 1.60 lakh MT in 2002-03 to 2.34 lakh MT in 2015-16. Different programs and development projects are also being implemented for the increased



Nursery operation is popularizing in shrimp farming

production and promotion of shrimp aquaculture. For enhancing shrimp production and promote business-friendly supply chain through adopting good aquaculture practices, cluster farming approach is popularizing. The present government has maintained good quality in all stages of fish and shrimp production, processing and export. The present government emphasizes on the hygienic and

safe fish supply in the domestic market of the country as well. DoF has strong monitoring on the food supply chain to ensure food safety of the consumers.

Bangladesh possesses vast marine water resources. Despite the abundance of marine waters, only about 16.15% of country's total fish production is contributed by the marine sector. The present government sets utmost priority regarding the protection, conservation and biodiversity of marine and coastal resources. As a result, the Saint Martin Island and the Sundarbans, the world famous mangrove forest, have been declared as sanctuaries to develop and protect the fisheries resources as well as biodiversity of that area. The government also has declared a marine reserve (covering 698 sq. km) in the Bay of Bengal to protect and preserve the breeding grounds of marine flora and fauna.

Human resource development is mandatory for DoF to build up administrative, management and technological capacity in fisheries sector. For this purpose, regular training programs are being conducted from both revenue and development budget to develop skill of concerned personnel, which includes DoF officials, fishers, fish farmers, entrepreneurs, unemployed youths, distress women, landless and marginal farmers etc. For the sustainable development of fisheries sector, government has already approved the National Fisheries Strategy (NFS) which is developed under the guidance of National Fisheries Policy 1998 (NFP). This strategy comprises eight building-block sub-strategies and action plans to cover the different field of fisheries sector. On the basis of action plan/work plan formulated by DoF, different programs and projects are going-on to achieve the target of the sub-strategy.



Training of beneficiaries

Bangladesh fisheries have ample scope of development to strengthen the national economy. Concerned government departments, development partners, researchers and non-government organizations can play important role in the wide-ranging advancement of the fisheries sector. For the overall development and management of fisheries sector, DoF formulates and implements development projects under the revenue and development budget toward the sustainable utilization of fisheries resources to ensure food security. For the better planning accurate fisheries statistical information is prerequisite. This yearbook of fisheries statistics is published with the objective of providing necessary and precise fisheries production information facilitating resource based fisheries planning by the related organizations.

CHAPTER -3

**Table 3.1. Sector-wise Annual Fish Production in Inland and Marine Fisheries
2015-16**

Sector of Fisheries	Water Area (Hectare)	Production (Metric Ton)	% of Production	Productivity
A. Inland Fisheries				
(i) Inland Open Water (Capture)				
1. River and Estuary	853863	178458	4.60	209 kg/ha
2. Sundarbans	177700	16870	0.43	95 kg/ha
3. Beel	114161	95453	2.46	836 kg/ha
4. Kaptai Lake	68800	9589	0.25	139 kg/ha
5. Floodplain	2704084	747872	19.28	276 kg/ha
Capture Total	3918608	1048242	27.03	
(ii) Inland Closed Water (Culture)				
6. Pond	372405	1719783	44.34	4618 kg/ha
7. Seasonal cultured water body	134876	207658	5.35	1539 kg/ha
8. Baor	5488	7729	0.20	1408 kg/ha
9. Shrimp/Prawn Farm	275509	239798	6.18	870 kg/ha
10. Crab	19408**	13160	0.34	678 kg/ha
11. Pen Culture	7553	13364	0.34	1769 kg/ha
12. Cage Culture	10	2062	0.05	21 kg/cu m
Culture Total	795841	2203554	56.82	
Inland Fisheries Total	4714449	3251796	83.85	
B. Marine Fisheries				
13. Industrial (Trawl)		105348	2.72	
14. Artisanal		521180	13.44	
Marine Fisheries Total		626528	16.15	
COUNTRY TOTAL		3878324	100.00	

- Note:*
1. Catch of River, Beel and Baor is estimated by catch assessment survey on the basis of Frame Survey and water area from SPARRSO (Space Research and Remote Sensing Organization) Report, 1983.
 2. Catch data of Sundarbans are supplied by Forest Department and water area of Sundarbans is estimated on the basis of Integrated Resource Development of Sundarbans Reserved Forest, 1994.
 3. Catch data of Kaptai Lake are supplied by Bangladesh Fisheries Development Corporation (BFDC).
 4. Seasonal cultured water body means Paddy field, Floodplain, Boropit etc. which are under in fish culture.
 5. Catch data of Marine Fisheries are supplied by Marine Wing, Department of Fisheries.
 6. 7553 hectare Floodplain area used in Pen Culture for modern aqua-culture system.
- ** Crab production has included from this year. Crab area is also included with Shrimp farm area.

**Table 3.2. Species/Group-wise Annual Fish Production in Inland and Marine Fisheries
2015-16**

[Unit: Metric Ton]

Sl. No.	Species/Group	Inland Fisheries	Marine Fisheries	Total	%
1	Major Carp	750880	0	750880	19.36
2	Other Carp	80647	0	80647	2.08
3	Exotic Carp	357933	0	357933	9.23
4	Pangas (Cat Fish)	504674	0	504674	13.01
5	Other Cat Fish	65130	0	65130	1.68
6	Snake Head	70106	0	70106	1.81
7	Live Fish	136113	0	136113	3.51
8	Tilapia	377346	0	377346	9.73
9	Other Inland fish	568446	0	568446	14.66
10	Hilsha/Illish (<i>Tenualosa ilisha</i>)	140756	254195	394951	10.18
11	Shrimp/Prawn	186605	47583	234188	6.04
12	Crab	13160	0	13160	0.34
13	Sardine (<i>Sardinella fimbriata</i>)	0	44386	44386	1.14
14	Bombay Duck (<i>Harpondon nehereus</i>)	0	58545	58545	1.51
15	Indian Salmon (<i>Polydactylus indicus</i>)	0	895	895	0.02
16	Pomfret (<i>Rup/ Hail/ Foli Chanda</i>)	0	10593	10593	0.27
17	Jew Fish (<i>Poa, Lambu, Kaladatina</i> etc.)	0	31894	31894	0.82
18	Sea Cat Fish (<i>Tachysurus spp.</i>)	0	8695	8695	0.22
19	Shark/ Skate / Ray	0	4622	4622	0.12
20	Other Marine Fish	0	165120	165120	4.26
TOTAL	Metric Ton	3251796	626528	3878324	100.00
	%	83.85	16.15	100.00	

- Note:**
1. Major Carp - Rui, Catla, Mrigal
 2. Other Carp - Kalibaus, Bata, Ghania
 3. Exotic Carp - Silver Carp, Grass Carp, Common Carp, Mirror Carp, Big Head Carp, Black Carp
 4. Other Cat Fish - Boal, Air, Silon, Rita
 5. Snake Head - Shol, Gazar, Taki
 6. Live Fish - Koi, Singhi, Magur
 7. Prawn - Galda and Other Inland Chingri
 8. Shrimp - Bagda and Other Coastal/ Marine Chingri
 9. Other Fish (Inland and Marine) - Includes all other fishes except those mentioned above.
- ❖ Crab production has included from this year.

Table 3.3. Species-wise Annual Fish Production in Inland Water, 2015-16

[Unit: Metric Ton]

Sl. No.	Species	River	Sundar bans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal cultured water body	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	Total	%
1	Rui	1498	0	12568	12	42082	210473	48697	1119	24447	1839	0	342735	10.54
2	Catla	865	0	8087	23	18026	135287	21723	641	18242	1284	0	204178	6.28
3	Mrigal	633	0	8803	7	22725	143975	23026	454	3171	1173	0	203967	6.27
4	Kalibaus	240	0	1694	21	2744	14648	372	25	0	146	0	19890	0.61
5	Bata	746	0	1507	69	1131	27159	9413	178	2197	319	0	42719	1.31
6	Gonia	18	0	1009	0	1738	12635	2292	9	161	176	0	18038	0.55
7	Silver carp	0	0	4311	1	2311	145204	33416	1297	12279	1002	0	199821	6.14
8	Grass carp	0	0	1897	1	6331	27709	10805	434	534	328	0	48039	1.48
9	Mirror/Common carp	0	0	2388	0	21385	52793	21231	338	501	289	0	98925	3.04
10	Other Exotic carp	0	0	761	0	0	10139	0	37	0	211	0	11148	0.34
11	Pangas	361	0	171	0	9441	494357	0	0	0	344	0	504674	15.52
12	Boal/Air	1160	0	4359	332	58122	889	111	106	0	51	0	65130	2.00
13	Shol/Gazar/Taki	373	0	3321	76	64864	1027	219	179	0	47	0	70106	2.16
14	Koi	49	0	2678	0	8773	55163	1283	9	0	17	0	67973	2.09
15	Shingi/Magur	48	0	1851	28	53391	12761	43	9	0	9	0	68140	2.10
16	Tilapia/ Nilotica	0	0	1423	61	0	315851	21102	298	33295	3254	2062	377346	11.60
17	Sarpunti/Thai punti	6	0	3994	0	18400	44309	7806	137	13149	1437	0	89238	2.74
18	Other Inland Fish	25958	16419	30649	8799	373108	10671	4442	2141	6123	1352	0	479663	14.83
19	Hilsha	140647	109	0	0	0	0	0	0	0	0	0	140756	4.25
20	Big Shrimp/ Prawn	1829	47	56	0	1795	739	653	9	120370	0	0	125496	3.86
21	Small Shrimp/ Prawn	4027	295	3926	159	41505	3994	1024	309	5329	86	0	60654	1.87
22.	Crab	0	0	0	0	0	0	0	0	13160	0	0	13160	0.40
T O T A L		178458	16870	95453	9589	747872	1719783	207658	7729	252958	13364	2062	3251796	100.00
%		5.49	0.52	2.94	0.29	23.00	52.89	6.39	0.24	7.78	0.41	0.06	100.00	

- Note-
1. Other Exotic Carp : Big Head Carp, Black Carp etc.
 2. Other Inland Fish : Punti, Chapila, Tengra, Papda, Baim, Mola etc.
 3. Big Shrimp/Prawn: Galda, Bagda, Harina. Chaka.
 4. Small Shrimp/Prawn: Other small Chingri
- ❖ Crab production has included from this year.

Table 3.4. District-wise Annual Fish Production in Inland Water, 2015-16
(Unit: Metric Ton)

District	River	Sundar bans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal cultured water body	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	Total
Dhaka	552	0	770	0	4748	8017	3431	0	0	2566	21	20105
Faridpur	979	0	445	0	9218	11715	1730	443	4.	671	83	25288
Gazipur	224	0	1218	0	16397	21909	8296	0	0.	1233	0	49277
Gopalganj	269	0	625	0	6470	12381	1380	88	1545	4485	9	27252
Kishorganj	1253	0	6483	0	39350	18768	5278	0	6	1228	13	72379
Madaripur	663	0	222	0	7728	9318	183	196	70	248	38	18666
Manikganj	1229	0	508	0	10350	8918	3363	0	5	24	0	24397
Munshiganj	1394	0	161	0	11912	8097	4379	0	9.	122	85	26159
Narayanganj	793	0	114	0	1746	7483	2488	0	0.50	0	0	12625
Narsingdi	1176	0	1040	0	11646	16247	2258	0	0.49	45	657	33069
Rajbari	1112	0	226	0	6066	14408	1959	395	10	0	0	24176
Shariatpur	1008	0	33	0	5266	14124	2161	0	37	38	46	22713
Tangail	496	0	2198	0	10055	44158	6236	0	5	251	0	63399
Dhaka Div.	11148	0	14041	0	140952	195543	43142	1122	1692	10911	952	419503
Mymensingh	728	0	6503	0	10551	318385	4739	0	0.70	0	0	340906
Jamalpur	846	0	2933	0	29248	24173	2568	0	0	22	0	59790
Sherpur	116	0	6359	0	9429	13609	1082	0	0	440	93	31128
Netrakona	537	0	2348	0	2222	23918	6072	0	0	2	0	35099
Mymensingh Div.	2227	0	18143	0	51449	380085	14461	0	0	464	93	466922
Bagerhat	3191	15619	20	0	4451	15296	8376	0	52361	0	0	99314
Chuadanga	159	0	1025	0	1210	9598	1288	1091	0	0	0	14371
Jessore	536	0	1635	0	34905	125663	25401	2053	35574	0	0	225767
Jhenaidah	154	0	982	0	5694	19724	4726	1126	8	0	0	32414
Khulna	1950	814	127	0	18745	13597	0	169	61057	0	0	96459
Kushtia	702	0	417	0	3736	13811	1029	663	1	0	0	20359
Magura	660	0	302	0	1418	9231	255	624	12	0	0	12502
Meherpur	127	0	192	0	740	5324	197	433	2	0	0	7015
Narail	426	0	537	0	3716	3665	459	273	3876	0	0	12952
Satkhira	585	437	15	0	13598	33856	9115	177	67247	0	0	125030
Khulna Div.	8490	16870	5251	0	88213	249765	50847	6607	220139	0	0	646182
Barguna	2509	0	0	0	2451	6912	583	0	742	5	20	13222
Barisal	26767	0	22	0	8088	32296	12213	0	1372	258	446	81462
Bhola	52518	0	0	0	3605	40314	241	0	62	0	0	96740
Jhalokathi	971	0	9	0	3557	3965	431	0	33	36	21	9023
Patuakhali	7875	0	0	0	9727	24583	113	0	1376	196	10	43880
Pirojpur	3002	0	9	0	3562	7980	1003	0	827	161	10	16554
Barisal Div.	93642	0	39	0	30991	116050	14585	0	4412	655	508	260882

District	River	Sundar bans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal cultured water body	Baor	Shrimp/Prawn Farm	Pen Culture	Cage Culture	Total
Dinajpur	194	0	490	0	5782	30430	3366	0	3	0	0	40265
Gaibandha	524	0	448	0	5466	16167	704	0	3	49	7	23368
Kurigram	592	0	1082	0	10454	11687	3037	0	0	91	12	26955
Lalmonirhat	135	0	377	0	1451	8154	1284	0	3	100	2	11506
Nilphamari	131	0	322	0	3050	12616	157	0	2	0	0	16278
Panchagarh	80	0	50	0	2546	8075	89	0	0	0	0	10840
Rangpur	101	0	1709	0	8052	17081	1350	0	1	60	8	28362
Thakurgaon	75	0	193	0	3663	18142	21	0	2	0	0	22096
Rang. Div.	1832	0	4672	0	40464	122352	10009	0	13	301	29	179672
Bogra	675	0	2420	0	4310	57319	733	0	3	12	0	65472
C.Nawabganj	1180	0	3169	0	1840	8060	108	0	0.	77	77	14511
Joypurhat	129	0	125	0	135	23418	83	0	4.	0	0	23894
Naogaon	1153	0	4131	0	16322	44163	272	0	0.00	0	0	66041
Natore	867	0	874	0	13996	29518	408	0	13	17	0	45693
Pabna	2362	0	1398	0	9674	39030	9021	0	1.	0	26	61512
Rajshahi	1454	0	3497	0	6727	47687	6776	0	7	28	0	66176
Sirajganj	2455	0	636	0	31252	18652	3021	0	2	5	21	56044
Raj. Div.	10275	0	16249	0	84258	267847	20422	0	30	139	125	399345
Bandarban	98	0	0	0	124	934	0	0	0	0	0	1156
Brahmanbaria	1021	0	443	0	20084	27296	2658	0	1	378	8	51889
Chandpur	21796	0	293	0	22716	39941	1848	0	63	0	238	86895
Chittagong	1992	0	33	0	615	51901	0	0	1380	0	0	55921
Comilla	554	0	260	0	69347	115257	31984	0	2904	4	8	220318
Cox's Bazar	1486	0	0	0	1128	4574	80	0	21909	0	0	29177
Feni	937	0	0	0	6442	21997	106	0	42	0	42	29566
Khagrachari .	139	0	46	0	36	3459	0	0	0	0	0	3680
Lakshmipur	12523	0	0	0	10041	27652	775	0	57	0	14	51062
Noakhali	8075	0	0	0	29861	41281	5544	0	305	0	0	85066
Rangamati	140	0	0	9589	0	1106	35	0	0.00	62	3	10935
Ctg. Div.	48761	0	1075	9589	160394	335398	43031	0	26661	445	313	625667
Habiganj	521	0	3658	0	34880	16544	337	0	0	118	25	56083
Moulvi Bazar	318	0	4188	0	20204	13381	769	0	4	0	0	38864
Sunamganj	677	0	23204	0	59072	7500	1124	0	0	107	18	91702
Sylhet	567	0	4972	0	36994	15317	8969	0	1	225	0	67045
Sylhet Div.	2083	0	36021	0	151150	52742	11199	0	5	450	43	253693
Total	178458	16870	95453	9589	747872	1719783	207658	7729	252958	13364	2062	3251796
%	5.49	0.52	2.94	0.29	23.00	52.89	6.39	0.24	7.78	0.41	0.06	100.00

Note : Shrimp Farm production including Crab production.

Table 3.5. District-wise Annual Fish Catch of All River, 2015-16

[Unit : Metric Ton]

District	Principal River						Principal River Total (A)	Other River Total (B)	Grand Total (A+B)
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahmaputra			
Dhaka	0	0	354	0	0	0	354	198	552
Faridpur	0	0	731	0	0	0	731	248	979
Gazipur	0	0	0	0	0	0	0	224	224
Gopalganj	0	0	0	0	0	0	0	269	269
Kishoreganj	0	449	0	0	0	0	449	804	1253
Madaripur	0	0	559	0	0	0	559	104	663
Manikganj	0	0	762	0	311	0	1073	156	1229
Munshiganj	0	591	628	0	0	0	1219	175	1394
Narayanganj	0	585	0	0	0	0	585	208	793
Narshingdi	0	948	0	0	0	0	948	228	1176
Rajbari	0	0	447	379	0	0	826	286	1112
Shariatpur	451	0	344		0	0	794	214	1008
Tangail	0	0	0		385	0	385	111	496
Dhaka Div.	451	2573	3825	379	696	0	7923	3225	11148
Mymensingh	0		0	0	0	0	0	728	728
Netrakona	0	0	0	0	0	0	0	846	846
Jamalpur	0	0	0	0	264	142	406	-290	116
Sherpur	0	0	0		0	0	0	537	537
Mymensingh Div.	0	0	0	0	264	142	406	1821	2227
Bagerhat	0	0	0	0	0	0	0	3191	3191
Chuadanga	0	0	0	0	0	0	0	159	159
Jessore	0	0	0	0	0	0	0	536	536
Jhenaidah	0	0	0	0	0	0	0	154	154
Khulna	0	0	0	0	0	0	0	1950	1950
Kushtia	0	0	0	243	0	0	243	459	702
Magura	0	0	0	0	0	0	0	660	660
Meherpur	0	0	0	0	0	0	0	127	127
Narail	0	0	0	0	0	0	0	426	426
Satkhira	0	0	0	0	0	0	0	585	585
Khulna Div.	0	0	0	243	0	0	243	8247	8490
Barguna	0	0	0	0	0	0	0	2509	2509
Barisal	23368	0	0	0	0	0	23368	3399	26767
Bhola	50775	0	0	0	0	0	50775	1743	52518
Jhalokathi	0	0	0	0	0	0	0	971	971
Patuakhali	0	0	0	0	0	0	0	7875	7875
Pirojpur	0	0	0	0	0	0	0	3002	3002
Barisal Div.	74143	0	0	0	0	0	74143	19499	93642

Cont....

[Unit : Metric Ton]

District	Principal River						Principal River Total (A)	Other River Total (B)	Grand Total (A+B)
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma Putra			
Dinajpur	0	0	0	0	0	0	0	194	194
Gaibandha	0	0	0	0	87	94	181	343	524
Kurigram	0	0	0	0	0	224	224	368	592
Lalmonirhat	0	0	0	0	0	0	0	135	135
Nilphamari	0	0	0	0	0	0	0	131	131
Panchagarh	0	0	0	0	0	0	0	80	80
Rangpur	0	0	0	0	0	0	0	101	101
Thakurgaon	0	0	0	0	0	0	0	75	75
Rangpur Div.	0	0	0	0	87	318	405	1427	1832
Bogra	0	0	0	0	53		53	622	675
C.Nawabganj	0	0	0	469	0	0	469	711	1180
Joypurhat	0	0	0	0	0	0	0	129	129
Naogaon	0	0	0	0	0	0	0	1153	1153
Natore	0	0	0	205	0	0	205	662	867
Pabna	0	0	0	772	426	0	1198	1164	2362
Rajshahi	0	0	0	619	0	0	619	835	1454
Sirajganj	0	0	0	0	949	0	949	1506	2455
Rajshahi Div.	0	0	0	2065	1428	0	3493	6782	10275
Bandarban	0		0	0	0	0	0	98	98
Brahmanbaria	0	578	0	0	0	0	578	443	1021
Chandpur	19472	0	0	0	0	0	19472	2324	21796
Chittagong	0	0	0	0	0	0	0	1992	1992
Comilla	0	189	0	0	0	0	189	365	554
Cox's Bazar	0	0	0	0	0	0	0	1486	1486
Feni	0	0	0	0	0	0	0	937	937
Khagrachari	0	0	0	0	0	0	0	139	139
Lakshmipur	12367	0	0	0	0	0	12367	156	12523
Noakhali	8009	0	0	0	0	0	8009	66	8075
Rangamati		0	0	0	0	0	0	140	140
Ctg. Div.	39848	767	0	0	0	0	40615	8146	48761
Habiganj	0	83	0	0	0	0	83	438	521
Moulvibazar	0	0	0	0	0	0	0	318	318
Sunamganj	0	0	0	0	0	0	0	677	677
Sylhet	0	0	0	0	0	0	0	567	567
Sylhet Div.	0	83	0	0	0	0	83	2000	2083
Total	114442	3423	3825	2687	2475	460	127312	51146	178458
%	64.13	1.92	2.14	1.51	1.39	0.26	71.34	28.66	100.00

**Table 3.6. Species -wise Annual Fish Catch of All River
2015-16**

[Unit : Metric Ton]

Sl. No.	Species	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma Putra	Other River	Total	%
1	Rui	30	100	100	104	70	13	1081	1498	0.84
2	Catla	18	53	54	71	51	10	607	865	0.48
3	Mrigal	13	49	43	28	44	4	452	633	0.35
4	Kalibaus	0	11	22	21	14	3	167	240	0.13
5	Bata	539	36	0	0	2	0	169	746	0.42
6	Ghonia	0	6	0	0	0	0	12	18	0.01
7	Pangas	121	21	24	85	0	0	109	361	0.20
8	Boal/Air	93	60	111	97	110	43	646	1160	0.65
9	Shol/Gazar/Taki	0	0	0	0	0	0	373	373	0.21
10	Koi	0	0	0	0	0	0	49	49	0.03
11	Shingi/Magur	0	0	0	0	0	0	48	48	0.03
12	Sarpunti	0	0	0	0	0	0	6	6	0.00
13	Other Inland Fish	2770	2166	1484	2052	1900	311	17874	25958	14.55
14	Hilsa/Ilish	110281	721	1732	131	118	33	25032	140647	78.81
15	Galda	133	49	13	8	5	2	128	338	0.19
16	Bagda	0	0	0	0	0	0	17	17	0.01
17	Harina	0	0	0	0	0	0	1468	1468	0.82
18	Chaka	0	0	0	0	0	0	6	6	0.00
19	Other small shrimp/prawn	287	137	227	88	157	43	3089	4027	2.26
Total		114284	3410	3810	2685	2473	462	51334	178458	100.00

**Table 3.7. Species-wise Annual Fish Catch of Principal River Meghna
2015-16**

[Unit : Metric Ton]

Sl. No.	Species	Lower Meghna							Upper Meghna							Total	
		Noakhali	Bhola	Barisal	Lakshmipur	Sariatpur	Chandpur	Sub-Total	Munshiganj	Narayanganj	Comilla	Narshingdi	Brahmanbaria	Kishoreganj	Habiganj		Sub-Total
1	Rui	5	9	3	2	5	5	30	7	0	15	5	44	29	0	100	130
2	Catla	3	3	2	1	4	5	18	5	0	8	2	26	12	0	53	71
3	Mrigal	2	3	1	3	1	3	13	3	0	8	1	21	15	0	49	62
4	Kalibaus	0	0	0	0	0	0	0	1	0	3	0	3	4	0	11	11
5	Bata	120	20	26	342	0	25	532	5	0	5	0	12	13	0	36	568
6	Ghonia	0	0	0	0	0	0	0	0	0	1	0	5	0	0	6	6
7	Pangas	0	26	72	0	7	16	121	2	0	3	2	7	7	0	21	142
8	Boal/Air	0	26	46	0	4	17	93	3	0	15	2	32	8	0	60	153
9	Shol/Gazar/Taki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Koi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Shingi/Magur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Other Inland Fish	364	732	768	339	42	522	2767	310	549	73	756	298	115	64	2229	4996
14	Hilsa/Illish	7458	49772	22154	11657	381	18867	110289	220	28	0	172	99	197	5	721	111010
15	Galda	15	36	56	26	0	0	133	4	0	13	1	11	19	0	49	182
16	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other small shrimp/prawn	32	100	119	11	9	15	287	21	7	43	5	19	28	13	137	424
Total		8000	50726	23247	12381	453	19476	114283	583	584	189	947	578	448	83	3472	117755

Table 3.8. Species-wise Annual Fish Catch of Principal River Padma, 2015-16

[Unit : Metric Ton]

Sl. No.	Species	Lower Padma								Upper Padma						Total	
		Sariatpur	Madaripur	Munshiganj	Dhaka	Manikganj	Faridpur	Rajbari	Sub-Total	Rajbari	Kushtia	Pabna	Natore	Rajshahi	C. Nawabganj		Sub-Total
1	Rui	21	13	8	12	12	13	19	100	13	15	28	12	18	17	104	204
2	Catla	12	5	6	10	7	4	9	54	8	11	15	7	15	14	71	125
3	Mrigal	11	4	3	9	4	7	4	43	4	3	3	2	7	8	28	71
4	Kalibaus	5	3	2	5	2	3	2	22	3	2	9	2	3	2	21	43
5	Bata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Ghonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Pangas	7	3	3	4	2	2	3	24	0	7	14	14	32	17	85	109
8	Boal/Air	12	18	30	11	17	17	5	111	8	11	23	7	21	26	97	208
9	Shol/Gazar/Taki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Koi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Shingi/Magur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Other Inland Fish	123	400	185	104	111	324	236	1484	260	168	635	152	479	358	2114	3598
14	Hilsa/Illish	128	84	369	113	573	340	124	1732	64	11	29	1	24	1	131	1863
15	Galda	0	2	2	5	1	1	2	13	1	1	0	0	0	6	8	21
16	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other small shrimp/prawn	19	26	17	79	26	17	43	227	16	12	15	7	18	18	88	315
Total		340	558	625	353	756	730	448	3810	379	243	772	205	618	468	2747	6557

Table 3.9. Species-wise Annual Fish Catch of Principal River Jamuna and Brahmaputra, 2015-16

[Unit : Metric Ton]

Sl. No.	Species	Jamuna							Brahmaputra				Total	
		Manikganj	Pabna	Tangail	Sirajganj	Bogra	Jamalpur	Gaibandha	Sub-Total	Jamalpur	Gaibandha	Kurigram		Sub-Total
1	Rui	4	6	15	15	3	24	2	70	7	4	2	13	83
2	Catla	2	3	10	17	2	14	2	51	5	3	2	10	61
3	Mrigal	1	2	11	17	1	10	1	44	2	1	1	4	48
4	Kalibaus	1	0	8	2	0	3	0	14	2	1	0	3	17
5	Bata	0	1	0	1	0	0	0	2	0	0	0	0	2
6	Ghonia	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Pangas	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Boal/Air	20	18	36	2	6	18	9	110	11	17	14	43	153
9	Shol/Gazar/Taki	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Koi	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Shingi/Magur	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Other Inland Fish	222	356	257	855	16	145	48	1900	81	46	185	374	2274
14	Hilsa/Illish	36	14	12	20	1	32	3	118	24	2	6	33	151
15	Galda	0	1	2	0	1	0	1	5	1	1	0	2	7
16	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other small shrimp/prawn	29	22	33	17	22	14	19	157	10	19	13	43	200
Total		315	425	385	948	53	261	86	2471	144	95	223	525	2996

**Table 3.10. Species-wise Annual Fish Catch of Other River
2015-16**

[Unit : Metric Ton]

Sl. No.	Species	Dhaka	Faridpur	Gazipur	Gopalganj	Jamalpur	Kisorganj	Madaripur	Manikganj	Munshiganj	Mymensingh	Narayanganj	Narsingdi	Netrakona	Rajbari	Sariatpur	Sherpur	Tangail
1	Rui	13	8	4	15	35	23	2	6	4	13	0	3	4	8	5	3	4
2	Catla	12	5	5	8	15	9	1	4	2	5	0	2	1	4	4	1	1
3	Mrigal	7	3	3	9	18	5	0	2	1	4	0	1	0	2	2	1	5
4	Kalibaus	5	3	3	4	12	0	0	1	1	36	0	0	4	4	2	0	3
5	Bata	0	0	3	0	2	0	0	1	0	0	0	0	0	0	0	0	0
6	Ghonia	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
7	Pangas	0	2	0	2	4	0	0	0	7	0	0	0	0	3	0	0	0
8	Boal/Air	11	8	2	6	7	20	2	3	29	36	0	0	4	11	4	4	12
9	Shol/Gazar/Taki	9	0	4	15	10	3	0	2	0	4	0	0	1	1	2	1	2
10	Koi	2	0	0	8	7	0	0	1	0	0	0	0	0	0	0	0	0
11	Shingi/Magur	2	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Other Inland Fish	40	150	110	104	256	693	42	101	87	562	152	148	467	123	135	48	19
14	Hilsa/Ilish	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Galda	5	3	0	3	3	0	0	2	5	2	0	4	0	5	2	1	0
16	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other small shrimp/prawn	42	16	40	42	16	0	7	12	11	15	7	20	5	72	8	7	14
Total		148	198	174	217	389	753	54	137	147	677	159	178	486	233	164	66	60

[Unit : Metric Ton]

Sl. No.	Species	Bagerhat	Chuadanga	Jessore	Jhenaidah	Khulna	Kushia	Magura	Meherpur	Narail	Satkhira	Barguna	Barisal	Bhola	Jhalokathi	Patuakhali	Pirojpur
1	Rui	0	5	10	1	0	18	42	0	19	0	0	0	0	0	0	0
2	Catla	0	5	5	1	0	11	36	0	2	0	0	0	0	0	0	0
3	Mrigal	0	0	2	0	0	0	4	0	17	0	0	0	0	0	0	0
4	Kalibaus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Bata	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0
6	Ghonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Pangas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Boal/Air/Guizza Air	0	0	1	0	0	8	0	2	4	4	0	0	0	0	0	0
9	Shol/Gazar/Taki	5	7	28	7	8	7	0	8	11	30	0	0	0	0	0	0
10	Koi	0	0	0	2	0	3	0	0	0	0	1	0	0	0	0	0
11	Shingi/Magur	0	0	6	0	0	2	0	0	0	6	0	0	0	0	0	0
12	Sarpunti	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
13	Other Inland Fish	979	54	354	44	348	201	428	26	138	87	787	591	524	256	542	542
14	Hilsa/Illish	543	0	0	0	1102	0	0	0	35	0	1702	3311	2280	656	7426	2461
15	Galda	0	0	0	0	5	2	0	0	0	0	0	3	5	2	0	0
16	Bagda	0	0	0	0	5	0	0	0	0	0	0	2	0	0	9	0
17	Harina	1010	0	0	0	220	0	0	0	0	211	0	6	11	8	0	1
18	Chaka	3	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0
19	Other small shrimp/prawn	599	38	80	49	209	156	100	41	128	195	19	15	18	17	8	8
Total		3139	109	486	104	1898	408	610	77	375	535	2509	3928	2838	939	7985	3012

Cont....

[Unit : Metric Ton]

Sl. No.	Species	Dinajpur	Gaibanda	Kurigram	Lalmonirhat	Nilphamari	Panchagar	Rangpur	Thakurgoan	Bogra	C Nawabganj	Joypurhat	Naogaon	Natore	Pabna	Rajshahi	Sirajganj
1	Rui	0	33	8	3	2	0	2	0	40	62	18	90	68	91	58	83
2	Catla	0	24	1	3	2	0	2	0	35	50	8	52	52	56	36	56
3	Mrigal	0	10	10	2	1	0	1	0	31	51	3	33	18	57	24	24
4	Kalibaus	0	12	0	1	0	0	1	0	0	0	0	2	10	7	0	5
5	Bata	0	7	0	1	0	0	0	0	0	0	0	1	4	0	0	3
6	Ghonia	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	2
7	Pangas	0	13	0	0	0	0	0	0	0	11	0	3	3	7	15	15
8	Boal/Air/Guizza Air	0	31	34	13	0	0	3	0	6	12	3	3	3	33	23	8
9	Shol/Gazar/Taki	0	6	0	4	0	0	0	0	0	0	1	2	4	29	2	4
10	Koi	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2
11	Shingi/Magur	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
13	Other Inland Fish	144	142	264	44	52	28	40	21	460	487	38	889	431	828	590	1202
14	Hilsa/Illish	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Galda	0	0	0	1	1	0	0	0	0	0	0	0	3	0	3	4
16	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other small shrimp/prawn	3	24	12	14	24	3	3	4	13	11	9	48	27	56	58	95
Total		147	302	329	86	82	31	52	25	585	684	80	1126	628	1163	813	1505

Cont....

[Unit : Metric Ton]

Sl. No.	Species	Bandarban	Brahmanbaria	Chandpur	Chittagong	Comilla	Cox's Bazar	Feni	Khagrachari	Lakshmipur	Noakhali	Rangamati	Habiganj	Moulvibazar	Sunamganj	Sylhet	Total
1	Rui	2	34	60	15	42	0	35	0	5	5	2	13	6	28	28	1077
2	Catla	2	15	5	3	7	0	32	0	4	3	2	4	3	8	0	605
3	Mrigal	1	5	1	2	3	0	60	0	3	1	1	9	2	9	0	450
4	Kalibaus	0	3	5	2	3	0	0	0	0	0	1	0	0	0	36	166
5	Bata	0	2	0	0	0	0	49	0	15	7	1	0	9	43	0	168
6	Ghonia	0	2	1	0	0	0	2	0	0	0	0	0	0	0	0	12
7	Pangas	0	5	0	0	0	0	0	0	3	2	0	0	2	6	4	109
8	Boal/Air/Guizza Air	0	62	44	0	36	0	53	0	10	6	6	0	3	38	36	644
9	Shol/Gazar/Taki	0	7	52	0	10	0	45	0	6	4	4	0	2	13	11	372
10	Koi	0	2	0	0	2	0	0	0	5	2	0	0	2	4	2	49
11	Shingi/Magur	1	3	0	0	2	0	0	0	7	2	0	0	3	3	1	48
12	Sarpunti	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	6
13	Other Inland Fish	26	256	521	70	162	36	379	89	130	77	72	336	219	368	338	17809
14	Hilsa/Illish	0	0	2033	1822	0	1390	28	0	145	59	0	0	0	39	0	24941
15	Galda	0	2	4	15	15	12	0	0	8	3	0	0	1	1	0	128
16	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
17	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1463
18	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
19	Other small shrimp/prawn	17	13	19	52	42	28	223	2	37	20	2	36	20	80	72	3077
Total		49	412	2745	1981	325	1466	906	91	378	191	91	398	272	640	528	51146

**Table 3.11. Annual Fish Production of Sundarbans Fisheries
2015-16**

[Unit : Metric Ton]

Zone	District	Hilsa	Big Shrimp/ Prawn	Small Shrimp/ Prawn	Other Fish	Total
East Sundarbans	Bagerhat	109	45	192	15273	15619
West Sundarbans	Khulna	0	1	68	745	814
West Sundarbans	Satkhira	0	1	35	401	437
Total	-	109	47	295	16419	16870
%	-	<i>0.65</i>	<i>0.28</i>	<i>1.75</i>	<i>97.33</i>	<i>100.00</i>

Source: Catch data of Sundarbanas are supplied by Forest Department.

Other Fish : Crab (870.15 MT), Koral, dry fish and other inland fish.

Table 3.12. Annual Fish Production of Beel, 2015-16

Area in Hectare Production in Metric Ton

Sl. No.	District	Natural Source		Beel Nursery Program		Total	
		Area	Production	Area	Production	Area	Production
1	Dhaka	919	691	77	79	996	770
2	Faridpur	231	210	195	235	426	445
3	Gazipur	1713	1215	5	3	1718	1218
4	Gopalganj	660	416	241	209	901	625
5	Kishorganj	5275	4701	1562	1777	6837	6478
6	Madaripur	114	85	149	137	263	222
7	Manikganj	515	221	257	284	772	505
8	Munshiganj	334	145	15	16	349	161
9	Narayanganj	204	106	12	8	216	114
10	Narsingdi	1150	1014	14	26	1164	1040
11	Rajbari	91	40	158	186	249	226
12	Shariatpur	73	31	3	2	76	33
13	Tangail	2101	1859	232	335	2333	2194
	Dhaka Division	13382	10734	2920	3297	16302	14031
14	Mymensingh	6749	5740	597	763	7346	6503
15	Jamalpur	2511	2106	849	827	3360	2933
16	Netrakona	7989	5653	366	701	8355	6354
17	Sherpur	3497	2327	11	19	3508	2346
	Mymensingh Div.	20746	15826	1823	2310	22569	18136
18	Bagerhat	41	17	7	3	48	20
19	Chuadanga	989	770	172	255	1161	1025
20	Jessore	2485	1379	225	250	2710	1629
21	Jhenaidah	972	819	159	163	1131	982
22	Khulna	253	113	18	14	271	127
23	Kushtia	432	287	155	130	587	417
24	Magura	283	255	49	47	332	302
25	Meherpur	436	184	13	8	449	192
26	Narail	581	301	283	236	864	537
27	Satkhira	43	14	3	1	46	15
	Khulna Division	6515	4139	1084	1107	7599	5246
28	Barguna	0	0	0	0	0	0
29	Barisal	41	22	0	0	41	22
30	Bhola	0	0	0	0	0	0
31	Jhalokathi	14	9	0	0	14	9
32	Patuakhali	0	0	0	0	0	0
33	Pirojpur	20	9	0	0	20	9
	Barisal Division	75	40	0	0	75	40

Area in Hectare

Production in Metric Ton

Sl. No.	District	Natural Source		Beel Nursery Program		Total	
		Area	Production	Area	Production	Area	Production
34	Dinajpur	585	314	197	176	782	490
35	Gaibandha	796	425	23	23	819	448
36	Kurigram	1253	963	98	114	1351	1077
37	Lalmonirhat	424	214	179	163	603	377
38	Nilphamari	744	275	64	47	808	322
39	Panchagarh	96	41	14	9	110	50
40	Rangpur	1791	1580	119	129	1910	1709
41	Thakurgaon	292	152	69	41	361	193
	Rangpur Division	5981	3964	763	702	6744	4666
42	Bogra	3228	2021	289	399	3517	2420
43	Chapainawabganj	3756	2081	1048	1088	4804	3169
44	Joypurhat	264	107	20	17	284	124
45	Naogaon	6301	2901	1354	1226	7655	4127
46	Natore	1048	566	345	308	1393	874
47	Pabna	1877	933	476	459	2353	1392
48	Rajshahi	5666	3195	331	302	5997	3497
49	Sirajganj	631	394	271	242	902	636
	Rajshahi Division	22771	12198	4134	4041	26905	16239
50	Bandarban	0	0	0	0	0	0
51	Brahmanbaria	346	300	122	143	468	443
52	Chandpur	197	123	164	166	362	289
53	Chittagong	85	30	4	3	89	33
54	Comilla	190	173	84	87	274	260
55	Cox's Bazar	0	0	0	0	0	0
56	Feni	0	0	0	0	0	0
57	Khagrachari	51	20	24	26	75	46
58	Lakshmipur	0	0	0	0	0	0
59	Noakhali	0	0	0	0	0	0
60	Rangamati	0	0	0	0	0	0
	Chittagong Division	869	646	398	425	1267	1071
61	Habiganj	2671	3157	307	501	2978	3658
62	Moulvibazar	2914	3234	578	952	3492	4186
63	Sunamganj	20952	23176	16	23	20968	23199
64	Sylhet	4614	4224	648	757	5262	4981
	Sylhet Division	31151	33791	1549	2233	32700	36024
	Total	101492	81338	12669	14115	114161	95453

Source	Area (Ha)	Production (MT)	%	MT/Ha	Growth Rate %
Natural Source	101492	81338	85.21	0.801	2.50
Beel Nursery Program	12669	14115	14.79	1.114	5.96
Total	114161	95453	100.00	0.836	3.01

Note : Area of Beel from SPARRSO Report, 1983 and district-wise area from CEGIS Report, 2002.

**Table 3.13. Species Composition of Annual Fish Production of Beel
2015-16**

Sl. No.	Species	Total Catch	
		(Metric Ton)	%
1	Rui	12568	13.17
2	Catla	8087	8.47
3	Mrigal	8803	9.22
4	Kalibaus	1694	1.77
5	Bata	1507	1.58
6	Gonia	1009	1.06
7	Silver carp	4311	4.52
8	Grass carp	1897	1.99
9	Mirror/Common carp	2388	2.50
10	Other Exotic carp	761	0.80
11	Pangas	171	0.18
12	Boal/Air	4359	4.57
13	Shol/Gazar/Taki	3321	3.48
14	Koi	2678	2.81
15	Shingi/Magur	1851	1.94
16	Tilapia/ Nilotica	1423	1.49
17	Sarpunti/Thai punti	3994	4.18
18	Big Shrimp/ Prawn	56	0.06
19	Small Shrimp/ Prawn	3926	4.11
20	Other Inland Fish	30649	32.11
TOTAL		95453	100.00

Other Fish : Chapila, Tengra, Punti, Chital, Phali, Pabda, Baim, Mola etc.

**Table 3.14. Annual Fish Production of Kaptai Lake
2015-16**

Sl. No.	Species	Production (Metric Ton)	%
1	Rui (<i>Labeo rohita</i>)	12	0.13
2	Catla (<i>Catla catla</i>)	23	0.24
3	Mrigal (<i>Cirrhinus cirrhosus</i>)	7	0.07
4	Kalibaus (<i>Labeo calbasu</i>)	21	0.22
5	Bata (<i>Labeo Bata</i>)	69	0.72
6	Ghonia (<i>Labeo gonius</i>)	0	0.00
7	Silver Carp (<i>Hypophthalmichthys molitrix</i>)	1	0.01
8	Grass Carp (<i>Ctenopharyngodon idella</i>)	1	0.01
9	Common Carp (<i>Cyprinus carpio</i>)	0	0.00
10	Other Exotic Carp	0	0.00
11	Pangas (<i>Pangasius pangasius</i>)	0	0.00
12	Boal/Air/Guizza Air (<i>Wallago attu/ Sperata aor / Sperata seenghala</i>)	332	3.46
13	Shol/Gazar/Taki (<i>Channa striatus/C. marulius/C. punctatus</i>)	76	0.79
14	Koi (<i>Anabas testudineus</i>)	0	0.00
15	Singi/Magur (<i>Heteropneustes fossilis/Clarias batrachus</i>)	28	0.29
16	Big Prawn	0	0.00
17	Small Prawn	159	1.66
18	Tilapia/Nilotica (<i>Oreochromis mossambicus/ O. niloticus</i>)	61	0.64
19	Sarpunti (<i>Puntius sarana</i>)	0	0.00
20	Other Fish	8799	91.74
TOTAL		9589	100.00

Source : Catch data of Kaptai Lake are supplied by Bangladesh Fisheries Development Corporation (BFDC).

Other Inland Fish : Chapila, Tengra, Punt, Chital, Phali, Pabda, Bacha, Kazoli, Baim, Kakchki, Mola etc.

Table 3.15. Annual Fish Catch in Flood Plain: 2015-16

District	Subsistence Fisheries			Fry Released Program			Haor		Total Production (MT) (A+B+C)
	No. of Subsistence Household (.000)	Average Catch per Household (kg)	Total Estimated Catch (MT) (A)	Area (Ha)	No of Fry Released (Lakh)	Prod. (MT) (B)	Area (Ha)	Prod. (MT) (C)	
Dhaka	106	43.06	4564	1302	2.12	184	0	0	4748
Faridpur	174	47.21	8215	4412	4.69	1003	0	0	9218
Gazipur	273	56.82	15513	4491	0.64	884	0	0	16397
Gopalganj	137	37.25	5103	5735	3.94	1367	0	0	6470
Kishorganj	230	83.76	19265	9701	9.56	2097	40823	17988	39350
Madaripur	136	55.23	7511	1091	3.16	217	0	0	7728
Manikganj	211	46.53	9818	1966	11.82	532	0	0	10350
Munshiganj	230	46.99	10808	6291	0.98	1104	0	0	11912
Narayanganj	67	17.69	1185	2536	2.30	561	0	0	1746
Narsingdi	212	51.87	10997	2512	0.95	649	0	0	11646
Rajbari	159	35.96	5718	1494	3.58	348	0	0	6066
Shariatpur	131	37.76	4946	1406	12.05	320	0	0	5266
Tangail	240	37.99	9118	3204	4.14	937	0	0	10055
Dhaka Div.	2306	48.90	112761	46141	59.93	10203	40823	17988	140952
Mymensingh	205	48.63	9970	2726	3.57	581	0	0	10551
Netrakona	246	48.28	11876	6855	18.72	1438	34592	15934	29248
Jamalpur	115	77.11	8868	2444	2.86	561	0	0	9429
Sherpur	183	11.30	2067	661	1.77	155	0	0	2222
Mymensingh Div.	749	43.77	32780	12686	26.92	2735	34592	15934	51449
Bagerhat	213	20.54	4375	217	1.49	76	0	0	4451
Chuadanga	62	19.52	1210	0	0.00	0	0	0	1210
Jessore	265	131.13	34750	638	1.62	155	0	0	34905
Jhenaidah	192	28.99	5566	762	1.33	128	0	0	5694
Khulna	301	61.10	18391	932	1.90	354	0	0	18745
Kushtia	182	17.57	3198	1662	2.89	538	0	0	3736
Magura	98	14.08	1380	124	0.85	38	0	0	1418
Meherpur	67	9.70	650	354	0.51	90	0	0	740
Narail	35	78.46	2746	3102	1.73	970	0	0	3716
Satkhira	120	112.70	13524	374	0.98	74	0	0	13598
Khulna Div.	1535	55.89	85790	8165	13.30	2423	0	0	88213
Barguna	80	30.38	2430	12	0.44	21	0	0	2451
Barisal	216	36.36	7853	1126	2.88	235	0	0	8088
Bhola	160	22.53	3605	0	0.00	0	0	0	3605
Jhalokathi	122	27.75	3385	438	3.02	172	0	0	3557
Patuakhali	184	52.77	9709	122	0.51	18	0	0	9727
Pirojpur	111	31.36	3481	598	1.93	81	0	0	3562
Barisal Div.	873	34.89	30463	2296	8.77	528	0	0	30991

Cont....

District	Subsistence Fisheries			Fry Released Program			Haor		Total Production (MT) (A+B+C)
	No. of Subsistence Household (.000)	Average Catch per Household (kg)	Total Estimated Catch (MT) (A)	Area (Ha)	No of Fry Released (Lakh)	Prod. (MT) (B)	Area (Ha)	Prod. (MT) (C)	
Dinajpur	421	13.54	5699	584	0.93	83	0	0	5782
Gaibandha	304	17.42	5296	1388	2.44	170	0	0	5466
Kurigram	241	42.14	10156	825	30.88	298	0	0	10454
Lalmonirhat	119	9.75	1160	1047	2.37	291	0	0	1451
Nilphamari	121	25.02	3028	128	1.00	22	0	0	3050
Panchagarh	132	18.48	2440	477	3.63	106	0	0	2546
Rangpur	210	37.75	7927	436	5.38	125	0	0	8052
Thakurgaon	114	30.81	3512	1042	2.91	151	0	0	3663
Rangpur Div.	1662	23.60	39219	5925	49.56	1245	0	0	40464
Bogra	100	41.55	4155	552	13.44	155	0	0	4310
C. Nawabganj	47	29.00	1363	1681	0.23	477	0	0	1840
Joypurhat	22	4.41	97	161	0.21	38	0	0	135
Naogaon	333	38.46	12806	11627	27.78	3516	0	0	16322
Natore	248	47.97	11897	7590	4.95	2099	0	0	13996
Pabna	243	33.86	8229	5186	6.54	1445	0	0	9674
Rajshahi	215	24.21	5205	4619	4.32	1522	0	0	6727
Sirajganj	427	72.06	30771	2245	5.20	481	0	0	31252
Rajshahi Div.	1635	45.58	74525	33662	62.67	9733	0	0	84258
Bandarban	18	6.72	121	17	0.15	3	0	0	124
Brahmanbaria	273	54.82	14965	3911	1.32	1259	8050	3860	20084
Chandpur	351	63.85	22410	1014	3.73	306	0	0	22716
Chittagong	52	11.83	615	0	0.00	0	0	0	615
Comilla	621	110.55	68654	2827	12.35	693	0	0	69347
Cox's Bazar	91	11.78	1072	273	0.86	56	0	0	1128
Feni	253	25.18	6370	352	0.93	72	0	0	6442
Khagrachari .	0	0	0	158	5.26	36	0	0	36
Lakshmipur	146	66.21	9666	1413	7.36	375	0	0	10041
Noakhali	352	73.54	25885	15302	8.62	3976	0	0	29861
Rangamati	0	0	0	0	0.00	0	0	0	0
Ctg. Div.	2157	69.43	149759	25510	40.67	6775	8050	3860	160394
Habiganj	180	100.91	18163	4739	6.6	2914	36462	13803	34880
Moulvi Bazar	154	73.95	11389	4599	0.803	2093	24807	6722	20204
Sunamganj	242	127.54	30865	9984	13.486	3824	56150	24383	59072
Sylhet	168	152.51	25621	4380	6.6	647	27964	10726	36994
Sylhet Div.	744	115.64	86038	23702	27.489	9478	145383	55634	151150
Total	11778	51.90	611334	158086	289.95	43121	228823	93417	747872

Source	Area (Ha)	Production (MT)	%	MT/Ha	Growth Rate (%)
Subsistence Fisheries	2317175	611334	81.74	0.264	1.74
Fry Released Program	158086	43121	5.77	0.273	6.53
Haor	228823	93417	12.49	0.408	5.13
Total	2704084	747872	100.00	0.277	2.42

**Table 3.16. Species Composition of Annual Fish Catch of Flood Plain
2015-16**

Sl. No.	Species	Production	
		(MT)	%
1	Rui	42082	5.63
2	Catla	18026	2.41
3	Mrigal	22725	3.04
4	Kalibaus	2744	0.37
5	Bata	1131	0.15
6	Gonia	1738	0.23
7	Silver carp	2311	0.31
8	Grass carp	6331	0.85
9	Mirror/Common carp	21385	2.86
10	Other Exotic carp	0	0.00
11	Pangas	9441	1.26
12	Boal/Air	58122	7.77
13	Shol/Gazar/Taki	64864	8.67
14	Koi	8773	1.17
15	Shingi/Magur	53391	7.14
16	Tilapia/ Nilotica	0	0.00
17	Sarpunti/Thai punti	18400	2.46
18	Big Shrimp/ Prawn	1795	0.24
19	Small Shrimp/ Prawn	41505	5.55
20	Other Inland Fish	373109	49.89
TOTAL		747872	100.00

Table 3.17. Annual Fish Production of Pond, 2015-16

Area in Hectare

Production in Metric Ton

Sl. No.	District	Extensive		Semi-intensive		Intensive		Highly Intensive		Total		
		< 1.5 MT/Ha		1.5 - 4.0 MT/Ha		4> - 10 MT/Ha		10.0> MT/Ha				
		Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	MT/Ha
1	Dhaka	23	31	1613	5388	274	1693	34	905	1944	8017	4.124
2	Faridpur	541	689	1782	5953	739	4567	19	506	3081	11715	3.802
3	Gazipur	6	7	2650	8852	1182	7306	216	5745	4054	21909	5.404
4	Gopalganj	624	826	1838	6140	863	5283	5	133	3330	12381	3.718
6	Kishorgonj	294	215	2837	9477	1404	8677	15	399	4550	18768	4.125
6	Madaripur	251	311	2021	6751	365	2256	0	0	2637	9318	3.534
7	Manikgonj	422	620	1622	5418	466	2880	0	0	2510	8918	3.553
8	Munsigonj	366	476	1075	3591	652	4030	0	0	2093	8097	3.869
9	Narayangonj	141	148	1369	4572	447	2763	0	0	1957	7483	3.824
10	Narsingdi	138	225	1291	4313	548	3387	389	8323	2366	16247	6.867
11	Rajbari	727	663	3519	11755	322	1990	0	0	4568	14408	3.154
12	Shariatpur	20	24	1784	5959	1317	8140	0	0	3121	14124	4.525
13	Tangail	254	333	4660	15566	3238	20014	310	8245	8462	44158	5.218
	Dhaka Div.	3807	4568	28061	93735	11817	72986	988	24256	44673	195545	4.377
14	Mymensingh	1132	1303	11376	38001	7888	48757	8975	230324	29371	318385	10.840
15	Netrakona	701	870	3952	13202	1260	7788	87	2313	6000	24173	4.029
16	Jamalpur	38	49	2349	7846	761	4704	38	1011	3186	13610	4.272
17	Sherpur	95	124	1077	3597	3035	18760	54	1437	4261	23918	5.613
	Mymensingh Div	1966	2346	18754	62646	12944	80009	9154	235085	42818	380086	8.877
18	Bagerhat	918	1120	3415	11407	448	2769	0	0	4781	15296	3.199
19	Chuadanga	81	97	953	3184	708	4376	73	1941	1815	9598	5.288
20	Jessore	1144	1494	10173	33981	9141	56450	1725	33738	22183	125663	5.665
21	Jhinaedah	132	167	3155	10539	1459	9018	0	0	4746	19724	4.156
22	Khulna	226	291	3837	12818	79	488	0	0	4142	13597	3.283
23	Kushtia	0	0	4129	13793	3	19	0	0	4132	13812	3.343
24	Magura	18	21	1854	6193	488	3016	0	0	2360	9230	3.911
25	Meherpur	0	0	1294	4323	162	1001	0	0	1456	5324	3.657
26	Narail	88	91	870	2906	108	668	0	0	1066	3665	3.438
27	Satkhira	7527	7569	4788	15994	512	3164	268	7128	13095	33855	2.585
	Khulna Div.	10134	10850	34468	115138	13108	80969	2066	42807	59776	249764	4.178
28	Barguna	495	672	1833	6123	19	117	0	0	2347	6912	2.945
29	Barisal	10	10	9443	31544	120	742	0	0	9573	32296	3.374
30	Bhola	506	664	1880	6280	5407	33370	0	0	7793	40314	5.173
31	Jhalokathi	0	0	1121	3745	14	87	5	133	1140	3965	3.478
32	Patuakhali	1326	1531	6603	22057	161	995	0	0	8090	24583	3.039
33	Pirojpur	557	549	1588	5305	344	2126	0	0	2489	7980	3.206
	Barisal Div.	2894	3426	22468	75054	6065	37437	5	133	31432	116050	3.692

Area in Hectare

Production in Metric Ton

Sl. No.	District	Extensive		Semi-intensive		Intensive		Highly Intensive		Total		
		< 1.5 MT/Ha		1.5 - 4.0 MT/Ha		4> - 10 MT/Ha		10.0> MT/Ha		Area	Prod.	MT/Ha
		Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.			
34	Dinajpur	600	1001	6086	20330	1472	9099	0	0	8158	30430	3.730
35	Gaibandha	0	0	1488	4970	1820	11197	0	0	3308	16167	4.887
36	Kurigram	234	288	3039	10151	163	1008	9	240	3445	11687	3.392
37	Lalmonirhat	195	249	1991	6651	203	1255	0	0	2389	8155	3.414
38	Nilphamari	121	123	2313	7727	771	4766	0	0	3205	12616	3.936
39	Panchagarh	114	117	2362	7890	11	68	0	0	2487	8075	3.247
40	Rangpur	16	19	3905	13044	650	4018	0	0	4571	17081	3.737
41	Thakurgaon	921	1304	3258	10884	731	4518	54	1437	4964	18143	3.655
	Rangpur Div.	2201	3100	24442	81647	5821	35929	63	1677	32527	122354	3.762
42	Bogra	1061	1357	7360	24585	3042	18803	717	12573	12180	57318	4.705
43	C.Nawabganj	443	570	1291	4313	514	3177	0	0	2248	8060	3.586
44	Joypurhat	32	34	2630	8785	1467	9067	208	5531	4337	23417	5.399
45	Naogaon	311	354	9288	31026	2012	12385	15	399	11626	44164	3.799
46	Natore	194	245	4590	15332	2049	12665	48	1277	6881	29519	4.290
47	Pabna	200	244	8500	28393	1578	9755	24	639	10302	39031	3.789
48	Rajshahi	0	0	6813	22759	3934	24316	23	612	10770	47687	4.428
49	Sirajganj	177	200	2710	9052	1521	9401	0	0	4408	18653	4.232
	Rajshahi Div.	2418	3004	43182	144245	16117	99569	1035	21030	62752	267849	4.268
50	Bandarban	206	290	193	644	0	0	0	0	399	934	2.341
51	B.Barua	76	85	4382	14686	1979	12233	11	292	6448	27296	4.233
52	Chandpur	122	153	6408	21405	2974	18382	0	0	9504	39941	4.202
53	Chittagong	4068	5904	9321	31136	2030	12548	87	2313	15506	51901	3.347
54	Comilla	1300	1562	12504	41769	7928	48952	1016	22975	22748	115257	5.067
55	Cox's Bazar	1632	1603	570	1904	35	216	32	851	2269	4574	2.016
56	Feni	408	427	3831	12797	1316	8134	24	639	5579	21997	3.943
57	Khagrachari	129	155	989	3304	0	0	0	0	1118	3459	3.094
58	Lakshmipur	332	330	3402	11363	2582	15960	0	0	6316	27652	4.378
59	Noakhali	1055	1193	11468	38308	288	1780	0	0	12811	41281	3.222
60	Rangamati	19	22	319	1066	3	19	0	0	341	1106	3.246
	Ctg Div.	9347	11724	53387	178382	19135	118224	1170	27070	83039	335398	4.039
61	Habiganj	905	1072	2833	9464	774	4784	46	1223	4558	16543	3.630
62	Moulv.Bazar	1202	733	1618	5405	1163	7137	4	106	3987	13381	3.356
63	Sunamgonj	422	534	1651	5516	230	1421	1	26	2304	7497	3.255
64	Sylhet	900	1002	2912	9726	721	4456	5	132	4538	15317	3.375
	Sylhet Div.	3429	3341	9014	30111	2888	17798	56	1486	15387	52742	3.428
	Grand Total	36196	42359	233776	780958	87895	542923	14538	353543	372405	1719783	4.618

Culture Method	Production Range	Number of Pond	Area		Production		MT/Ha	Growth Rate %
			(Ha)	%	(MT)	%		
Extensive	<1.5MT/Ha	321107	36196	9.72	42359	2.46	1.170	(-) 29.20
Semi-intensive	1.5-4 MT/Ha	1352429	233776	62.77	780958	45.41	3.341	2.03
Intensive	4>10MT/Ha	415781	87895	23.60	542923	31.57	6.177	7.91
Highly Intensive	10 > MT/Ha	77786	14538	3.90	353543	20.56	24.319	24.10
Total		2167103	372405	100.00	1719783	100.00	4.618	6.60

Note : Pond Area from SPARRSO (Space Research and remote Sensing Organization) Report, 1983 and updated on the basis of DFO (District Fisheries Office) Report 2014-15.

**Table 3.18. Species Composition of Annual Fish Production of Pond
2015-16**

Sl. No.	Species	Production (Metric Ton)	%
1	Rui (<i>Labeo rohita</i>)	210473	12.24
2	Catla (<i>Catla catla</i>)	135287	7.87
3	Mrigal (<i>Cirrhinus cirrhosus</i>)	143975	8.37
4	Kalibaus (<i>Labeo calbasu</i>)	14648	0.85
5	Bata (<i>Labeo Bata</i>)	27159	1.58
6	Ghonia (<i>Labeo gonius</i>)	12635	0.73
7	Silver Carp (<i>Hypophthalmichthys molitrix</i>)	145204	8.44
8	Grass Carp (<i>Ctenopharyngodon idella</i>)	27709	1.61
9	Common Carp (<i>Cyprinus carpio</i>)	52793	3.07
10	Other Exotic Carp	10139	0.59
11	Pangas (<i>Pangasius pangasius</i>)	494357	28.75
12	Boal/Air (<i>Wallago attu/ Sperata aor / Sperata seenghala</i>)	889	0.05
13	Shol/Gazar/Taki (<i>Channa striatus/C. marulius/C. punctatus</i>)	1027	0.06
14	Koi (<i>Anabas testudineus</i>)	55163	3.21
15	Singi/Magur (<i>Heteropneustes fossilis/Clarias batrachus</i>)	12761	0.74
16	Big Shrimp/Prawn	739	0.04
17	Small Shrimp/ Prawn	3994	0.23
18	Tilapia/Nilotica (<i>Oreochromis mossambicus/ O. niloticus</i>)	315851	18.37
19	Sarpunti (<i>Puntius sarana</i>)	44309	2.58
20	Other Fish	10671	0.62
	TOTAL	1719783	100.00

**Table 3.19. District-wise Species Composition of Fish Production of Pond
2015-16**

Sl. No.	Species	Dhaka		Faridpur		Gazipur		Gopalganj		Jamalpur		Kishorganj		Madaripur		Manikganj		Munshiganj	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	1356	16.92	1762	15.04	2746	13.13	2296	18.54	2307	16.95	3353	17.86	1840	19.75	1324	14.84	1913	23.62
2	Catla	997	12.44	1452	12.39	1457	6.97	2190	17.69	1316	9.67	1986	10.58	694	7.45	765	8.58	1602	19.78
3	Mrigal	732	9.13	1089	9.29	1532	7.33	1461	11.80	1400	10.29	1791	9.54	753	8.08	1007	11.29	1308	16.16
4	Kalibaus	528	6.59	34	0.29	19	0.09	194	1.57	151	1.11	191	1.02	8	0.08	160	1.79	526	6.50
5	Bata	482	6.01	357	3.05	11	0.05	225	1.82	246	1.81	261	1.39	55	0.59	499	5.60	256	3.17
6	Gonia	165	2.06	15	0.12	3	0.01	56	0.45	112	0.82	74	0.39	32	0.35	143	1.61	95	1.17
7	Silver carp	634	7.90	969	8.27	931	4.45	1810	14.62	1472	10.82	1272	6.78	1497	16.06	1305	14.64	1151	14.22
8	Grass carp	159	1.98	190	1.62	180	0.86	660	5.33	693	5.09	257	1.37	21	0.23	138	1.55	241	2.97
9	Mirror/Common carp	488	6.09	410	3.50	331	1.58	2223	17.95	251	1.84	441	2.35	223	2.40	375	4.21	183	2.26
10	Other Exotic carp	0	0.00	0	0.00	0	0.00	589	4.76	9	0.06	45	0.24	0	0.00	172	1.92	159	1.96
11	Pangas	218	2.72	1659	14.16	9959	47.63	0	0.00	2126	15.62	3390	18.06	1451	15.57	0	0.00	0	0.00
12	Boal/Air	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	0.07
13	Shol/Gazar/Taki	0	0.00	47	0.40	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.01	29	0.36
14	Koi	1	0.01	316	2.70	0	0.00	18	0.14	0	0.00	383	2.04	969	10.40	595	6.67	7	0.08
15	Shingi/Magur	5	0.06	20	0.17	0	0.00	56	0.45	0	0.00	4	0.02	424	4.55	0	0.00	11	0.13
16	Big Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
17	Small Shrimp/ Prawn	0	0.00	2	0.02	0	0.00	0	0.00	0	0.00	148	0.79	2	0.02	1	0.01	3	0.04
18	Tilapia/ Nilotica	1603	19.99	3127	26.69	3475	16.62	63	0.51	2182	16.03	5009	26.68	1152	12.37	2124	23.82	434	5.36
19	Sarpunti/Thai punti	575	7.17	178	1.52	265	1.27	374	3.02	1200	8.82	148	0.79	169	1.81	272	3.05	105	1.30
20	Other Inland Fish	74	0.91	89	0.76	0	0.00	167	1.35	144	1.06	19	0.10	27	0.29	37	0.42	69	0.85
	Total	8017	100	11716	100	20909	100	12382	100	13609	100	18768	100	9318	100	8918	100	8097	100

Sl. No.	Species	Mymensingh		Narayanganj		Narsingdi		Netrakona		Rajbari		Sariatpur		Sherpur		Tangail	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	21702	6.82	1016	13.57	915	5.63	589	2.44	1986	13.78	3949	27.96	3077	12.86	4583	10.38
2	Catla	16156	5.07	877	11.72	627	3.86	621	2.57	1339	9.29	2503	17.73	878	3.67	2265	5.13
3	Mrigal	15867	4.98	950	12.70	809	4.98	406	1.68	1329	9.22	1569	11.11	1607	6.72	1912	4.33
4	Kalibaus	97	0.03	35	0.47	189	1.16	96	0.40	177	1.23	392	2.77	241	1.01	81	0.18
5	Bata	6987	2.19	26	0.35	132	0.81	9	0.04	253	1.76	0	0.00	272	1.14	1303	2.95
6	Gonia	3238	1.02	11	0.14	25	0.16	85	0.35	486	3.38	0	0.00	261	1.09	0	0.00
7	Silver carp	21893	6.88	1553	20.75	108	0.67	477	1.97	2211	15.35	3026	21.43	7292	30.48	4137	9.37
8	Grass carp	513	0.16	356	4.76	26	0.16	197	0.81	1001	6.95	590	4.18	646	2.70	949	2.15
9	Mirror/Common carp	4135	1.30	710	9.48	83	0.51	140	0.58	197	1.37	1202	8.51	2426	10.14	2265	5.13
10	Other Exotic carp	161	0.05	0	0.00	0	0.00	148	0.61	0	0.00	0	0.00	270	1.13	208	0.47
11	Pangas	171571	53.89	494	6.61	7682	47.28	11612	48.04	1715	11.90	0	0.00	2152	9.00	17286	39.15
12	Boal/Air	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5	0.01
13	Shol/Gazar/Taki	0	0.00	2	0.03	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
14	Koi	18111	5.69	0	0.00	2334	14.36	368	1.52	1307	9.07	185	1.31	0	0.00	891	2.02
15	Shingi/Magur	3013	0.95	268	3.58	19	0.12	795	3.29	0	0.00	0	0.00	0	0.00	72	0.16
16	Big Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
17	Small Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
18	Tilapia/ Nilotica	24138	7.58	410	5.48	3182	19.58	8155	33.74	1719	11.93	119	0.84	3477	14.53	7414	16.79
19	Sarpunti/Thai punti	6892	2.16	772	10.32	28	0.17	96	0.40	581	4.03	402	2.84	1124	4.70	689	1.56
20	Other Inland Fish	3911	1.23	2	0.03	88	0.54	381	1.58	105	0.73	186	1.32	198	0.83	97	0.22
	Total	318385	100	7483	100	16247	100	24173	100	14406	100.00	14123	100	23918	100	44158	100

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Sl. No.	Species	Bagerhat		Chuadanga		Jessore		Jhenaidah		Khulna		Kushtia		Magura		Meherpur	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	3794	24.80	1107	11.53	15531	12.36	3689	18.73	3693	18.73	1420	10.46	1943	21.05	341	6.41
2	Catla	1750	11.44	615	6.41	15155	12.06	1777	9.02	1779	9.02	820	6.03	1530	16.57	166	3.11
3	Mrigal	1412	9.23	865	9.01	15083	12.00	1946	9.88	1948	9.88	1877	13.82	1790	19.39	34	0.64
4	Kalibaus	124	0.81	11	0.11	221	0.18	4	0.02	4	0.02	22	0.16	0	0.00	0	0.00
5	Bata	23	0.15	377	3.93	956	0.76	121	0.61	121	0.61	210	1.55	122	1.32	32	0.61
6	Gonia	10	0.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
7	Silver carp	745	4.87	2176	22.67	4273	3.40	3457	17.55	3461	17.55	2236	16.47	2237	24.23	472	8.87
8	Grass carp	699	4.57	211	2.19	968	0.77	1005	5.10	1006	5.10	126	0.93	367	3.97	146	2.75
9	Mirror/Common carp	313	2.05	645	6.72	1338	1.06	1585	8.05	1587	8.05	1004	7.39	595	6.45	65	1.21
10	Other Exotic carp	244	1.59	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	92	1.73
11	Pangas	0	0.00	1493	15.55	7206	5.73	307	1.56	307	1.56	0	0.00	0	0.00	1813	34.05
12	Boal/Air	106	0.69	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
13	Shol/Gazar/Taki	53	0.34	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
14	Koi	43	0.28	0	0.00	17832	14.19	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
15	Shingi/Magur	34	0.22	0	0.00	0	0.00	0	0.00	0	0.00	2015	14.83	0	0.00	0	0.00
16	Big Shrimp/ Prawn	587	3.84	20	0.21	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
17	Small Shrimp/ Prawn	163	1.06	35	0.37	125	0.10	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
18	Tilapia/ Nilotica	4652	30.41	1726	17.98	43355	34.50	5613	28.49	5620	28.49	3754	27.64	189	2.05	2095	39.36
19	Sarpunti/Thai punti	32	0.21	257	2.68	3494	2.78	168	0.85	168	0.85	98	0.72	432	4.68	21	0.40
20	Other Inland Fish	517	3.38	59	0.62	125	0.10	28	0.14	28	0.14	0	0.00	26	0.29	46	0.87
	Total	15299	100	9597	100	125663	100	19701	100	19722	100	13582	100	9231	100	5324	100

Sl. No.	Species	Narail		Satkhira		Barguna		Barisal		Bhola		Jhalokathi		Patuakhali		Pirojpur	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	1308	35.75	4442	13.12	714	10.32	1601	4.96	8449	20.96	516	13.02	3943	16.04	568	7.12
2	Catla	1471	40.20	3882	11.47	433	6.26	1509	4.67	6651	16.50	351	8.86	3078	12.52	556	6.97
3	Mrigal	279	7.62	4050	11.96	414	5.99	1528	4.73	2825	7.01	369	9.33	2695	10.96	454	5.69
4	Kalibaus	98	2.69	31	0.09	145	2.10	49	0.15	643	1.60	0	0.00	0	0.00	46	0.57
5	Bata	0	0.00	115	0.34	544	7.87	249	0.77	0	0.00	0	0.00	0	0.00	0	0.00
6	Gonia	0	0.00	0	0.00	25	0.37	0	0.00	299	0.74	0	0.00	0	0.00	0	0.00
7	Silver carp	19	0.51	1369	4.04	749	10.83	790	2.44	3769	9.35	322	8.12	2010	8.18	361	4.52
8	Grass carp	50	1.36	148	0.44	126	1.82	0	0.00	774	1.92	63	1.60	108	0.44	229	2.87
9	Mirror/Common carp	113	3.09	126	0.37	67	0.97	358	1.11	394	0.98	141	3.57	107	0.44	132	1.65
10	Other Exotic carp	3	0.08	0	0.00	0	0.00	0	0.00	0	0.00	13	0.32	81	0.33	86	1.08
11	Pangas	86	2.34	8219	24.28	2564	37.09	15435	47.79	9074	22.51	1582	39.95	4742	19.29	2380	29.82
12	Boal/Air	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
13	Shol/Gazar/Taki	0	0.00	0	0.00	0	0.00	0	0.00	39	0.10	0	0.00	0	0.00	0	0.00
14	Koi	111	3.04	0	0.00	0	0.00	0	0.00	24	0.06	107	2.71	0	0.00	747	9.37
15	Shingi/Magur	55	1.49	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
16	Big Shrimp/ Prawn	10	0.27	15	0.04	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
17	Small Shrimp/ Prawn	0	0.00	26	0.08	0	0.00	0	0.00	1955	4.85	0	0.00	0	0.00	3	0.04
18	Tilapia/ Nilotica	36	0.99	11375	33.60	1064	15.40	10342	32.02	4691	11.64	496	12.53	7615	30.98	2256	28.27
19	Sarpunti/Thai punti	19	0.51	0	0.00	59	0.86	239	0.74	556	1.38	0	0.00	67	0.27	147	1.85
20	Other Inland Fish	3	0.08	58	0.17	0	0.00	197	0.61	170	0.42	0	0.00	136	0.55	16	0.20
	Total	3661	100	33856	100.	6912	100	32296	100	40314	100	3965	100	24583	100	7980	100

Sl. No.	Species	Dinajpur		Gaibanda		Kurigram		Lalmonirhat		Nilphamari		Panchagar		Rangpur		Thakurgoan	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	3082	10.13	1588	9.82	972	8.32	930	11.41	1501	11.90	1392	17.23	1476	8.64	1173	6.47
2	Catla	2253	7.40	1668	10.32	846	7.24	583	7.15	627	4.97	1057	13.09	1361	7.97	1312	7.23
3	Mrigal	2546	8.37	934	5.78	748	6.40	589	7.23	820	6.50	1066	13.20	1637	9.58	1143	6.30
4	Kalibaus	135	0.44	121	0.75	21	0.18	246	3.02	140	1.11	0	0.00	440	2.57	60	0.33
5	Bata	849	2.79	261	1.61	469	4.02	321	3.94	210	1.66	0	0.00	992	5.81	224	1.24
6	Gonia	14	0.04	30	0.19	0	0.00	99	1.21	299	2.37	0	0.00	131	0.77	261	1.44
7	Silver carp	3051	10.03	1136	7.03	1789	15.31	1218	14.94	1304	10.33	502	6.21	2870	16.80	3084	17.00
8	Grass carp	329	1.08	944	5.84	517	4.43	242	2.97	520	4.12	134	1.66	819	4.79	131	0.72
9	Mirror/Common carp	2114	6.95	973	6.02	461	3.94	361	4.43	533	4.22	0	0.00	924	5.41	933	5.14
10	Other Exotic carp	23	0.07	0	0.00	464	3.97	112	1.38	35	0.28	0	0.00	505	2.96	468	2.58
11	Pangas	8126	26.70	2986	18.47	0	0.00	0	0.00	15	0.12	0	0.00	0	0.00	0	0.00
12	Boal/Air	0	0.00	0	0.00	0	0.00	246	3.02	0	0.00	0	0.00	0	0.00	0	0.00
13	Shol/Gazar/Taki	0	0.00	568	3.51	0	0.00	4	0.05	145	1.15	0	0.00	153	0.90	0	0.00
14	Koi	229	0.75	472	2.92	718	6.15	2	0.02	444	3.52	0	0.00	190	1.11	9	0.05
15	Shingi/Magur	0	0.00	934	5.78	0	0.00	2	0.02	51	0.40	0	0.00	1363	7.98	3	0.02
16	Big Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	1	0.01	0	0.00	0	0.00	0	0.00	0	0.00
17	Small Shrimp/ Prawn	1472	4.84	0	0.00	0	0.00	1	0.01	0	0.00	67	0.83	0	0.00	0	0.00
18	Tilapia/ Nilotica	5409	17.77	3543	21.92	4440	37.99	2725	33.42	4431	35.12	3567	44.17	3132	18.33	8802	48.52
19	Sarpunti/Thai punti	786	2.58	8	0.05	232	1.99	287	3.52	1466	11.62	229	2.84	468	2.74	511	2.82
20	Other Inland Fish	14	0.04	0	0.00	10	0.08	185	2.27	77	0.61	61	0.76	621	3.64	27	0.15
	Total	30430	100	16167	100	11687	100	8154	100	12616	100	8075	100	17081	100	18141	100

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Sl. No.	Species	Bogra		C Nawabganj		Joypurhat		Naogaon		Natore		Pabna		Rajshahi		Sirajganj	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	5708	9.96	1904	23.63	4074	17.40	7449	16.87	5135	17.40	5894	15.10	16894	35.43	2383	12.77
2	Catla	3181	5.55	1576	19.56	3445	14.71	3693	8.36	2869	9.72	2601	6.66	7214	15.13	1990	10.67
3	Mrigal	4103	7.16	1331	16.52	2362	10.08	7445	16.86	4320	14.64	3886	9.96	10334	21.67	1429	7.66
4	Kalibaus	215	0.37	4	0.05	0	0.00	914	2.07	213	0.72	558	1.43	2098	4.40	274	1.47
5	Bata	1473	2.57	204	2.53	206	0.88	910	2.06	862	2.92	2274	5.83	211	0.44	345	1.85
6	Gonia	751	1.31	0	0.00	0	0.00	0	0.00	0	0.00	105	0.27	782	1.64	478	2.56
7	Silver carp	5737	10.01	1490	18.49	4613	19.70	5289	11.98	5716	19.37	6464	16.56	5899	12.37	1796	9.63
8	Grass carp	544	0.95	142	1.77	1250	5.34	814	1.84	1170	3.96	504	1.29	606	1.27	437	2.34
9	Mirror/Common carp	2373	4.14	609	7.56	1119	4.78	1493	3.38	2874	9.74	2129	5.45	3067	6.43	809	4.34
10	Other Exotic carp	1137	1.98	414	5.13	145	0.62	982	2.22	06	0.02	39	0.10	240	0.50	22	0.12
11	Pangas	25691	44.82	0	0.00	3646	15.57	10322	23.37	4806	16.28	9198	23.57	0	0.00	777	4.16
12	Boal/Air	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
13	Shol/Gazar/Taki	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
14	Koi	934	1.63	0	0.00	0	0.00	195	0.44	0	0.00	0	0.00	0	0.00	532	2.85
15	Shingi/Magur	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	9	0.02	180	0.96
16	Big Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
17	Small Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	4	0.01	0	0.00	0	0.00	0	0.00	0	0.00
18	Tilapia/ Nilotica	4665	8.14	0	0.00	2166	9.25	4508	10.21	1469	4.98	292	0.75	0	0.00	6621	35.50
19	Sarpunti/Thai punti	607	1.06	365	4.53	218	0.93	39	0.09	19	0.06	5086	13.03	205	0.43	579	3.10
20	Other Inland Fish	199	0.35	20	0.24	175	0.75	106	0.24	59	0.20	0	0.00	130	0.27	0	0.00
	Total	57318	100	8060	100	23419	100	44163	100	29518	100	39030	100	47687	100	18652	100

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Sl. No.	Species	Bandarban		Brahmanbaria		Chandpur		Chittagong		Comilla		Cox's Bazar		Feni		Khagrachari	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	216	23.17	5753	21.08	8289	20.75	9140	17.61	6855	5.95	483	10.56	3394	15.43	573	16.57
2	Catla	153	16.39	3334	12.22	7389	18.50	7499	14.45	2777	2.41	356	7.79	2209	10.04	497	14.37
3	Mrigal	133	14.20	2824	10.35	5096	12.76	7694	14.83	4803	4.17	377	8.23	2832	12.88	471	13.60
4	Kalibaus	5	0.52	492	1.80	120	0.30	821	1.58	506	0.44	42	0.92	429	1.95	135	3.90
5	Bata	16	1.67	832	3.05	488	1.22	5	0.01	2627	2.28	93	2.03	0	0.00	28	0.82
6	Gonia	11	1.15	530	1.94	0	0.00	20	0.04	2947	2.56	0	0.00	1029	4.68	79	2.29
7	Silver carp	134	14.30	4134	15.15	5823	14.58	2127	4.10	3555	3.08	368	8.04	2409	10.95	427	12.33
8	Grass carp	31	3.34	1127	4.13	8	0.02	665	1.28	1241	1.08	95	2.07	261	1.18	257	7.42
9	Mirror/Common carp	74	7.93	1397	5.12	2652	6.64	809	1.56	871	0.76	73	1.60	493	2.24	228	6.60
10	Other Exotic carp	0	0.00	710	2.60	409	1.02	62	0.12	0	0.00	0	0.00	85	0.39	64	1.86
11	Pangas	52	5.53	2778	10.18	0	0.00	4297	8.28	44034	38.20	815	17.81	521	2.37	75	2.17
12	Boal/Air	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	515	2.34	31	0.90
13	Shol/Gazar/Taki	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	0.13	0	0.00	44	1.27
14	Koi	0	0.00	410	1.50	0	0.00	0	0.00	3630	3.15	0	0.00	800	3.64	18	0.51
15	Shingi/Magur	0	0.00	245	0.90	0	0.00	52	0.10	2728	2.37	260	5.67	343	1.56	7	0.20
16	Big Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	5	0.01	0	0.00	0	0.00	0	0.00	0	0.00
17	Small Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	15	0.42
18	Tilapia/ Nilotica	70	7.52	1765	6.47	9338	23.38	18285	35.23	38480	33.39	1592	34.81	6453	29.34	300	8.66
19	Sarpunti/Thai punti	0	0.00	786	2.88	331	0.83	57	0.11	46	0.04	16	0.34	200	0.91	148	4.29
20	Other Inland Fish	40	4.28	177	0.65	0	0.00	363	0.70	156	0.14	0	0.00	24	0.11	62	1.81
	Total	934	100	27296	100	39943	100	51901	100	115256	100.	4574	100	21997	100	3459	100

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Sl. No.	Species	Lakshmipur		Noakhali		Rangamati		Habiganj		Moulovibazar		Sunamganj		Sylhet		Total	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	4350	15.73	9676	23.44	248	22.42	1607	9.71	1936	14.47	1026	13.68	1309	8.55	210473	12.24
2	Catla	3245	11.74	6667	16.15	204	18.45	1100	6.65	1705	12.74	859	11.45	765	4.99	135287	7.87
3	Mrigal	2687	9.72	6873	16.65	142	12.89	1130	6.83	1770	13.23	1196	15.94	962	6.28	143975	8.37
4	Kalibaus	907	3.28	3050	7.39	9	0.79	141	0.85	1	0.01	59	0.78	58	0.38	14648	0.85
5	Bata	0	0.00	0	0.00	0	0.00	253	1.53	0	0	4	0.05	20	0.13	27159	1.58
6	Gonia	0	0.00	103	0.25	0	0.00	369	2.23	47	0.35	38	0.51	330	2.15	12635	0.73
7	Silver carp	1696	6.13	3062	7.42	113	10.24	2051	12.40	1653	12.35	998	13.30	1223	7.98	145204	8.44
8	Grass carp	525	1.90	1408	3.41	16	1.41	485	2.93	141	1.06	356	4.75	1884	12.30	27709	1.61
9	Mirror/Common carp	307	1.11	1878	4.55	20	1.85	1131	6.84	109	0.82	256	3.41	3715	24.26	52793	3.07
10	Other Exotic carp	525	1.90	2039	4.94	0	0.00	4	0.02	8	0.06	1	0.01	83	0.54	10139	0.59
11	Pangas	4382	15.85	3741	9.06	198	17.92	658	3.98	226	1.69	248	3.31	31	0.20	494357	28.75
12	Boal/Air	0	0.00	40	0.10	0	0.00	0	0.00	0	0	0	0.00	0	0.00	889	0.05
13	Shol/Gazar/Taki	72	0.26	33	0.08	0	0.00	0	0.00	0	0	0	0.00	0	0.00	1027	0.06
14	Koi	83	0.30	18	0.04	0	0.00	0	0.00	0	0	0	0.00	218	1.42	55163	3.21
15	Shingi/Magur	0	0.00	21	0.05	0	0.00	0	0.00	149	1.12	3	0.04	60	0.39	12761	0.74
16	Big Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	0	0.00	0	0	2	0.03	15	0.10	739	0.04
17	Small Shrimp/ Prawn	8	0.03	13	0.03	0	0.00	0	0.00	0	0	2	0.03	0	0.00	3994	0.23
18	Tilapia/ Nilotica	8458	30.59	2189	5.30	145	13.15	4859	29.37	5109	38.18	1509	20.12	4464	29.14	315851	18.37
19	Sarpunti/Thai punti	351	1.27	313	0.76	5	0.44	2745	16.59	173	1.29	747	9.96	163	1.06	44309	2.58
20	Other Inland Fish	56	0.20	157	0.38	5	0.44	13	0.08	353	2.64	198	2.64	18	0.11	10671	0.62
	Total	27652	100	41281	100	1105	100	16546	100	13381	100	7502	100	15317	100	1719783	100.00

Area in Hectare

Production in Metric Ton

Sl. No.	District	Fish Culture in Floodplain & Paddy Field		Fish Culture in Boropit		Total	
		Area	Production	Area	Production	Area	Production
34	Dinajpur	2472	2714	397	652	2869	3366
35	Gaibandha	281	320	183	384	464	704
36	Kurigram	2772	2495	404	542	3176	3037
37	Lalmonirhat	1861	1119	93	165	1954	1284
38	Nilphamari	161	157	0	0	161	157
39	Panchagarh	131	69	17	20	148	89
40	Rangpur	1308	912	200	438	1508	1350
41	Thakurgaon	32	21	0	0	32	21
	Rangpur Div.	9018	7807	1294	2201	10311	10008
42	Bogra	500	575	79	158	579	733
43	C.Nawabganj	93	108	0	0	93	108
44	Joypurhat	41	33	22	50	63	83
45	Naogaon	223	165	46	107	269	272
46	Natore	174	218	109	190	283	408
47	Pabna	8629	7475	516	1546	9145	9021
48	Rajshahi	6125	5843	371	933	6496	6776
49	Sirajganj	2475	2359	338	662	2813	3021
	Rajshahi Div.	18260	16776	1481	3646	19741	20422
50	Bandarban	0	0	0	0	0	0
51	B.Barua	2431	2600	29	58	2460	2658
52	Chandpur	696	851	630	997	1326	1848
53	Chittagong	0	0	0	0	0	0
54	Comilla	16568	31713	178	271	16748	31984
55	Cox's Bazar	82	62	32	18	114	80
56	Feni	63	53	25	53	87	106
57	Khagrachari	0	0	0	0	0	0
58	Lakshmipur	266	454	218	321	484	775
59	Noakhali	3211	5420	106	124	3317	5544
60	Rangamati	35	35	0	0	35	35
	Ctg. Div.	23352	41188	1218	1842	24569	43030
61	Habiganj	190	307	6	10	196	317
62	Moulvibazar	68	42	391	697	459	739
63	Sunamganj	660	890	206	215	866	1105
64	Sylhet	5601	8846	85	153	5686	8999
	Sylhet Div.	6519	10085	688	1075	7207	11160
	Total	126329	193191	8547	14467	134876	207658

	Area (Ha)	Production (MT)	MT/Ha	% of Prod.	Growth Rate (%)
Floodplain/Paddy field	126329	193191	1.529	93.03	3.19
Boropit	8547	14467	1.693	6.97	1.83
Total	134876	207658	1.539	100.00	3.17

**Table 3.21. Species Composition of Fish Production of Seasonal cultured water body
2015-16**

Sl. No.	Species	Total Catch (MT)	(%)
1	Rui (<i>Labeo rohita</i>)	48697	23.45
2	Catla (<i>Catla catla</i>)	21723	10.46
3	Mrigal (<i>Cirrhinus cirrhosus</i>)	23026	11.09
4	Kalibaus (<i>Labeo calbasu</i>)	372	0.18
5	Bata (<i>Labeo Bata</i>)	9413	4.53
6	Ghonia (<i>Labeo gonius</i>)	2292	1.10
7	Silver Carp (<i>Hypophthalmichthys molitrix</i>)	33416	16.09
8	Grass Carp (<i>Ctenopharyngodon idella</i>)	10805	5.20
9	Common Carp (<i>Cyprinus carpio</i>)	21231	10.22
10	Other Exotic Carp	0	0.00
11	Pangas (<i>Pangasius pangasius</i>)	0	0.00
12	Boal/Air/Guizza Air (<i>Wallago attu/ Sperate aor / Sperate seenghala</i>)	111	0.05
13	Shol/Gazar/Taki (<i>Channa striatus/C. marulius/C. punctatus</i>)	219	0.11
14	Koi (<i>Anabas testudineus</i>)	1283	0.62
15	Singi/Magur (<i>Heteropneustes fossilis/Clarias batrachus</i>)	43	0.02
16	Big Prawn	653	0.31
17	Small Prawn	1024	0.49
18	Tilapia/Nilotica (<i>Oreochromis mossambicus/O. niloticus</i>)	21102	10.16
19	Sarpunti (<i>Puntius sarana</i>)	7806	3.76
20	Other Inland Fish	4442	2.14
	TOTAL	207658	100.00

Table 3.22. Annual Fish Production of Baor, 2015-16

District	Area (Ha)	Production (MT)
Faridpur	355	443
Gopalganj	110	88
Madaripur	200	196
Rajbari	300	394
Dhaka Division	965	1121
Chuadanga	686	1091
Jessore	1127	2053
Jhenaidah	807	1126
Khulna	225	169
Kushtia	372	663
Magura	510	624
Meherpur	400	433
Narail	290	273
Satkhira	106	176
Khulna Division	4523	6608
TOTAL	5488	7729
	<i>Unit Production (MT/Ha)</i>	1.408

Note : Area of Baor from SPARSSO Report -1983, CEGIS Report -2004 and Baor Fish Development Project.

Table 3.23. Species Composition of Fish Production of Baor, 2015-16

SL. No.	Species	Total Production	
		MT	%
1	Rui	1119	14.48
2	Catla	641	8.29
3	Mrigal	454	5.87
4	Kalibaus	25	0.32
5	Bata	178	2.30
6	Gonia	9	0.12
7	Silver carp	1297	16.78
8	Grass carp	434	5.62
9	Mirror/Common carp	338	4.37
10	Other Exotic carp	37	0.48
11	Pangas	0	0.00
12	Boal/Air	106	1.37
13	Shol/Gazar/Taki	179	2.32
14	Koi	9	0.12
15	Shingi/Magur	9	0.12
16	Big Shrimp/Prawn	9	0.12
17	Small Shrimp/Prawn	309	4.00
18	Tilapia/Nilotica	298	3.86
19	Sarpunti/Thai punti	137	1.77
20	Other Inland Fish	2141	27.70
	TOTAL	7729	100.00

Table 3.24. Annual Production of Shrimp/Prawn Farm, 2015-16

District	Area (Ha)				Shrimp/ Prawn Production (MT)				Crab Production (MT)	Fish Production (MT)	Total Production (MT)
	Bagda	Golda	Crab	Total	Bagda	Galda	Other shrimp/prawn	Total shrimp/prawn			
Dhaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Faridpur	0.00	1.65	0.00	1.65	0.00	3.30	0.00	3.30	0.00	1.00	4.30
Gazipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gopalganj	0.00	1257.3	0.00	1257.30	0.00	780	0.00	780	0.00	765.17	1545.17
Kishorgonj	0.00	1.60	0.00	1.60	0.00	1.20	0.00	1.20	0.00	4.90	6.10
Madaripur	0.00	54.79	0.00	54.79	0.00	58.09	0.00	58.09	0.00	11.46	69.55
Manikgonj	0.00	2.21	0.00	2.21	0.00	1.40	0.60	2.00	0.00	2.62	4.62
Munsigonj	0.00	1.45	0.00	1.45	0.00	0.80	0.00	0.80	0.00	8.52	9.32
Narayangonj	0.00	0.13	0.00	0.13	0.00	0.15	0.00	0.15	0.00	0.35	0.50
Narsingdi	0.00	0.61	0.00	0.61	0.00	0.49	0.00	0.49	0.00	0.00	0.49
Rajbari	0.00	2.40	0.00	2.40	0.00	2.20	5.00	7.20	0.00	2.52	9.72
Shariatpur	0.00	22.15	0.00	22.15	0.00	5.20	0.00	5.20	0.00	31.55	36.75
Tangail	0.00	1.80	0.00	1.80	0.00	1.26	0.00	1.26	0.00	3.32	4.58
Dhaka Div.	0.00	1346.09	0.00	1346.09	0.00	854.09	5.60	859.69	0.00	831.41	1691.10
Mymensingh	0.00	2.00	0.00	0.00	0.00	0.70	0.00	0.70	0.00	0.00	0.70
Netrakona	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jamalpur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sherpur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mymensingh Div.	0.00	2.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00
Bagerhat	52541	20034	877.20	73452.20	15906.00	13230.24	1522.50	30658.74	1884.50	19818.00	52361.24
Chuadanga	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jessore	2188	10100	0.00	12288.00	761.50	7525.30	2.06	8288.86	0.00	27285.78	35574.64
Jhenaidhah	0.00	2.06	0.00	2.06	0.00	0.50	0.93	1.43	0.00	7.00	8.43
Khulna	37463.76	21259	17816.92	76539.68	15906.00	13230.24	1800.00	30936.24	6082.61	24038.05	61056.90
Kushtia	0.00	2	0.00	2.00	0.00	0.40	0.00	0.40	0.00	0.77	1.17
Magura	11.42	8.75	0.00	20.17	0.00	2.41	0.00	2.41	0.00	9.01	11.42
Meherpur	0.00	1.00	0.00	1.00	0.00	0.75	0.00	0.75	0.00	1.20	1.95
Narail	0.00	2319.30	0.00	2319.30	0.00	2290.76	155.00	2445.76	0.00	1430.11	3875.87
Satkhira	66486	9377.80	34.20	75898.00	25354.00	6034.60	3935.30	35323.90	3100.00	28823.10	67247.00
Khulna Div.	158690.18	63103.91	18728.32	240522.41	57927.50	42315.20	7415.79	107658.49	11067.11	101413.02	220138.62
Barguna	306.00	183.00	6.50	495.50	109.00	106.00	70.00	285.00	6.24	451.00	742.24
Barisal	0.00	1308.5	0.00	1308.50	0.00	1130.75	0.00	1130.75	0.00	241.03	1371.78
Bhola	17.07	17.71	9.69	44.47	6.70	7.30	0.00	14.00	24.77	23.10	61.87
Jhalokathi	0.00	48.21	0.00	48.21	0.00	19.08	0.00	19.08	0.00	14.05	33.13
Patuakhali	400.00	942.3	19.50	1361.80	100.00	460.97	196.00	756.97	39	580.50	1376.47
Pirojpur	261.63	1129.1	2.87	1393.60	96.00	571.91	11.00	678.91	7.61	140.52	827.04
Barisal Div.	984.70	3628.82	38.56	4652.08	311.70	2296.01	277.00	2884.71	77.62	1450.20	4412.53

District	Area (Ha)				Shrimp/ Prawn Production (MT)				Crab Production (MT)	Fish Production (MT)	Total Production (MT)
	Bagda	Golda	Crab	Total	Bagda	Galda	Other shrimp/prawn	Total shrimp/prawn			
Dinajpur	0.00	3.75	0.00	3.75	0.00	1.44	0.00	1.44	0.00	0.63	2.07
Gaibandha	0.00	8.90	0.00	8.90	0.00	2.74	0.00	2.74	0.00	0.00	2.74
Kurigram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lalmonirhat	0.00	0.82	0.00	0.82	0.00	0.50	0.00	0.50	0.00	2.20	2.70
Nilphamari	0.00	0.34	0.00	0.34	0.00	0.12	0.00	0.12	0.00	1.50	1.62
Panchagarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rangpur	0.00	1.12	0.00	1.12	0.00	0.51	0.00	0.51	0.00	0.45	0.96
Thakurgaon	0.00	0.38	0.00	0.38	0.00	0.15	0.00	0.15	0.00	1.51	1.66
Rang. Div	0.00	15.31	0.00	15.31	0.00	5.80	0.00	5.80	0.00	6.29	12.09
Bogra	0.00	0.80	0.00	0.80	0.00	0.23	0.00	0.23	0.00	2.62	2.85
C.Nawabganj	0.00	0.13	0.00	0.13	0.00	0.05	0.00	0.05	0.00	0.00	0.05
Joypurhat	0.00	5.84	0.00	5.84	0.00	1.89	0.00	1.89	0.00	2.21	4.10
Naogaon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natore	0.00	3.30	0.00	3.30	0.00	2.24	1.58	3.82	0.00	8.70	12.52
Pabna	0.00	3.43	0.00	3.43	0.00	0.98	0.00	0.98	0.00	0.07	1.05
Rajshahi	0.00	2.20	0.00	2.20	0.00	0.84	0.00	0.84	0.00	6.00	6.84
Sirajganj	0.00	0.13	0.00	0.13	0.00	0.75	0.00	0.75	0.00	0.80	1.55
Raj. Div	0.00	15.83	0.00	15.83	0.00	6.98	1.58	8.56	0.00	20.40	28.96
Bandarban	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B.Baria	0.00	2.20	0.00	2.20	0.00	0.52	0.00	0.52	0.00	0.00	0.52
Chandpur	0.00	96.43	0.00	96.43	0.00	8.05	0.00	8.05	0.00	54.97	63.02
Chittagong	2922.10	98.55	495.23	3515.88	641.90	74.28	197.76	913.94	53.00	413.50	1380.44
Comilla	0.00	35.60	0.00	35.60	0	95.59	33.64	129.23	0.00	2774.46	2903.69
Cox's Bazar	44166.23	130.57	128.24	44425.04	9336.16	822.58	2965.20	13123.94	1950.53	6834.85	21909.32
Feni	0.00	48.83	0.00	48.83	0.00	10.14	0	10.14	0.00	31.60	41.74
Khagrachari	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakshmipur	0.00	72.00	0.00	72.00	0.00	32.28	0	32.28	0.00	24.30	56.58
Noakhali	0.00	145.50	17.10	162.60	0.00	51.55	0	51.55	11.84	241.75	305.14
Rangamati	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ctg. Div	47088.33	629.68	640.57	48358.58	9978.06	1095.29	3196.60	14269.95	2015.37	10375.43	26660.75
Habiganj	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moulv.Baz	0.00	5.26	0.00	5.26	0.00	2.25	0.00	2.25	0.00	1.39	3.64
Sunamgonj	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sylhet	0.02	0.82	0.00	0.84	0.00	0.60	0.00	0.60	0.00	0.62	1.22
Sylhet Div	0.02	6.07	0.00	6.09	0.00	2.85	0.00	2.85	0.00	2.01	4.86
Total	206763	68746	19408	294917	68217	46189	11293	125699	13160	114099	252958
%	70.11	23.31	6.58	100.00	26.97	18.26	4.46	49.69	5.20	45.11	100.00

Species	Area (Ha)			Production. (MT)			Kg/Ha		Growth Rate (%)	
	2015-16	2014-15	Difference	2015-16	2014-15	Difference	2015-16	2014-15	2015-16	2014-15
Bagda	206763	216468	(-) 9705	68217	75274	(-) 7057	330	348	(-) 9.38	5.38
Galda	68746	59115	9631	46189	42053	4136	671	711	9.84	(-) 0.10
Other Shrimp /Prawn	-	-	-	11293	8750	2543	40	32	29.06	(-) 5.54
Shrimp/Prawn Total	-	-	-	125699	126077	(-) 378	456	457	(-) 0.30	2.68
Fish				114099	97505	16594	414	345	17.02	4.11
Total	275509	275583	(-) 74	239798	223582	16216	870	811	7.25	3.39
Crab	19408	-	-	13160	-	-	678	-	-	-

Source : Report from Deputy Director, Shrimp, Dhaka and District Fisheries Offices. Other Shrimp/Prawn: Harina, Chaka and other small shrimp/prawn. Crab production has included from this year.

Cont....

Table 3.25 . Species-wise Production of Shrimp/Prawn Farm, 2015-16

Sl. No.	Species	Total Production (MT)	%
1	Bagda (<i>Penaeus monodon</i>)	68217	26.97
2	Galda (<i>Macrobrachium rosenbergii</i>)	46189	18.26
3	Harina (<i>Metapenaeus monoceros</i>)	3806	1.50
4	Chaka (<i>Fenneropenaeus indicus</i>)	2158	0.85
5	Other Shrimp/Prawn	5329	2.11
	Shrimp/Prawn Total	125699	49.69
6	Rui	24447	9.66
7	Catla	18242	7.21
8	Mrigal	3171	1.25
9	Kalibaus	0	0.00
10	Bata	2197	0.87
11	Ghonia	161	0.06
12	Silver Carp	12279	4.85
13	Grass Carp	534	0.21
14	Mirror/Common Carp	501	0.20
15	Other Exotic Carp	0	0.00
16	Pangas	0	0.00
17	Boal/Air	0	0.00
18	Shol/ Gazar/Taki	0	0.00
19	Koi/	0	0.00
20	Singi/ Magur	0	0.00
21	Tilapia/Nilotica	33295	13.16
22	Thai Sharputi	13150	5.20
23	Other Fish	6123	2.42
	Fish Total	114099	45.11
24	Crab	13160	5.20
	Grand Total	252958	100.00

Table 3.26. Sector-wise Annual Shrimp/Prawn Production, 2015-16

	Sector of Fisheries	Galda	Bagda	Harina	Chaka	Other Shrimp/Prawn	Total
1	River	342	17	1486	6	4073	5924
2	Sundarbans	47	72	0	0	222	341
3	Beel	57	0	0	0	3984	4041
4	Kaptai Lake	0	0	0	0	159	159
5	Floodplain	1868	0	0	0	41542	43410
6	Pond	788	0	0	0	4162	4950
7	Seasonal cultured water body	588	0	0	0	1089	1677
8	Baor	9	0	0	0	309	318
9	Shrimp/Prawn Farm	46189	68217	3806	2158	5329	125699
10	Pen Culture	0	0	0	0	86	86
11	Cage Culture	0	0	0	0	0	0
	Inland Total	49888	68306	5292	2164	60955	186605
12	Marine Industrial	0	198	1541	76	768	2583
13	Marine Artisanal	0	3453	27942	4186	9419	45000
	Marine Total	0	3651	29483	4262	10187	47583
	COUNTRY TOTAL	49888	71957	34775	6426	71142	234188
	Growth Rate (%)	9.37	(-) 8.83	5.91	19.04	5.45	1.71

**Table 3.27. Annual Fish Production in Pen Culture
2015-16**

District	Area (Ha)	Production (MT)	MT/Ha	District	Area (Ha)	Production (MT)	MT/Ha
Dhaka	1542	2566	1.664	Dinajpur	0	0	0.000
Faridpur	553	671	1.213	Gaibandha	27	49	1.815
Gazipur	582	1233	2.119	Kurigram	48	91	1.896
Gopalganj	2541	4485	1.765	Lalmonirhat	77	100	1.299
Kishorgonj	482	1228	2.548	Nilphamari	0	0	0.000
Madaripur	155	248	1.600	Panchagarh	0	0	0.000
Manikgonj	13	24	1.846	Rangpur	27	60	2.222
Munsigonj	58	122	2.103	Thakurgaon	0	0	0.000
Narayangonj	0	0	0.000	Rangpur Div.	179	301	1.682
Narsingdi	24	45	1.875	Bogra	10	12	1.200
Rajbari	0	0	0.000	C.Nawabganj	48	77	1.604
Shariatpur	39	38	0.974	Joypurhat	0	0	0.000
Tangail	104	251	2.413	Naogaon	0	0	0.000
Dhaka Div.	6093	10911	1.791	Natore	10	17	1.700
Mymensingh	0	0	0.000	Pabna	0	0	0.000
Netrokona	12	22	1.875	Rajshahi	14	28	2.000
Jamalpur	211	440	2.084	Sirajganj	3	5	1.667
Sherpur	1	2	2.045	Rajshahi Div.	85	139	1.635
Mymensingh Div.	224	464	2.071	Bandarban	0	0	0.000
Bagerhat	0	0	0	B.Barua	224	378	1.688
Chuadanga	0	0	0	Chandpur	0	0	0.000
Jessore	0	0	0	Chittagong	0	0	0.000
Jhenaidhah	0	0	0	Comilla	2	4	2.000
Khulna	0	0	0	Cox's Bazar	0	0	0.000
Kushtia	0	0	0	Feni	0	0	0.000
Magura	0	0	0	Khagrachari	0	0	0.000
Meherpur	0	0	0	Lakshmipur	0	0	0.000
Narail	0	0	0	Noakhali	0	0	0.000
Satkhira	0	0	0	Rangamati	47	62	1.319
Khulna Div.	0	0	0	Chittagong Div.	273	445	1.630
Barguna	3	5	1.667	Habiganj	79	118	1.494
Barisal	91	258	2.835	Moulv.Baz	0	0	0.000
Bhola	0	0	0.000	Sunamgonj	87	107	1.230
Jhalokathi	22	36	1.636	Sylhet	166	225	1.355
Patuakhali	154	196	1.273	Sylhet Div.	332	450	1.355
Pirojpur	97	161	1.660	Total	7553	13364	1.769
Barisal Div.	367	655	1.785				

**Table 3.28. Annual Fish Production in Cage Culture
2015-16**

District	No. of Cage	Av. Size (Cu. meter)	Total Area (Cu. Meter)	Prod. (MT)	District	No. of Cage	Av. Size (Cu. meter)	Total Area (Cu. Meter)	Prod. (MT)
Dhaka	93	18.58	1728	21	Dinajpur	0	0	0	0
Faridpur	267	18.58	4961	83	Gaibandha	370	1.00	370	7
Gazipur	0	0	0	0	Kurigram	50	18.58	929	12
Gopalganj	50	18.58	929	9	Lalmonirhat	10	18.58	186	2
Kishorgonj	52	18.58	966	13	Nilphamari	0	0	0	0
Madaripur	290	18.58	5388	38	Panchagarh	0	0	0	0
Manikgonj	0	0	0	0	Rangpur	40	18.58	743	8
Munsigonj	120	18.58	2230	85	Thakurgaon	0	0	0	0
Narayangonj	0	0	0	0	Rangpur Div	470	-	2228	29
Narsingdi	894	18.58	16611	657	Bogra	0	0	0	0
Rajbari	0	0	0	0	C.Nawabganj	182	18.58	3382	77
Shariatpur	145	18.58	2694	46	Joypurhat	0	0	0	0
Tangail	0	0	0	0	Naogaon	0	0	0	0
Dhaka Div	1911	-	35507	952	Natore	0	0	0	0
Mymensingh	0	0	0	0	Pabna	85	18.58	1579	26
Netrokona	0	0	0	0	Rajshahi	0	0	0	0
Jamalpur	235	18.58	4366	93	Sirajganj	142	18.58	2638	21
Sherpur	0	0	0	0	Raj. Div	409	-	7599	124
Mymensingh Div.	235	-	4366	93	Bandarban	0	0	0	0
Bagerhat	0	0	0	0	B.Barua	25	18.58	465	8
Chuadanga	0	0	0	0	Chandpur	578	18.58	10739	238
Jessore	0	0	0	0	Chittagong	0	0	0	0
Jhenaidhah	0	0	0	0	Comilla	20	18.58	372	8
Khulna	0	0	0	0	Cox's Bazar	0	0	0	0
Kushtia	0	0	0	0	Feni	101	18.58	1877	42
Magura	0	0	0	0	Khagrachari	0	0	0	0
Meherpur	0	0	0	0	Lakshmipur	125	18.58	2323	14
Narail	0	0	0	0	Noakhali	0	0	0	0
Satkhira	0	0	0	0	Rangamati	40	18.58	743	3
Khulna Div	0	0	0	0	Ctg. Div	889	-	16519	313
Barguna	80	18.58	1486	20	Habiganj	240	18.58	4459	25
Barisal	1370	18.58	25455	446	Moulv.Baz	0	0	0	0
Bhola	0	0	0	0	Sunamgonj	110	18.58	2044	18
Jhalokathi	90	18.58	1672	21	Sylhet	0	0	0	0
Patuakhali	30	18.58	557	11	Sylhet Div	350	18.58	6503	43
Pirojpur	40	18.58	743	10	Total	5874	-	102635	2062
Barisal Div	1610	-	29913	508					

Note : Depth of cage culture is 1.00 meter.

**Table 3.29. Species-wise Fish Production of Cage and Pen Culture
2015-16**

SL. No.	Species	Cage Culture		Pen Culture	
		Production (MT)	%	Production (MT)	%
1	Rui			1839	13.76
2	Catla			1284	9.61
3	Mrigal			1173	8.78
4	Kalibaus			146	1.09
5	Bata			319	2.39
6	Gonia			176	1.32
7	Silver carp			1002	7.50
8	Grass carp			328	2.45
9	Mirror/Common carp			289	2.16
10	Other Exotic carp			211	1.58
11	Pangas			344	2.57
12	Boal/Air			51	0.38
13	Shol/Gazar/Taki			47	0.35
14	Koi			17	0.13
15	Shingi/Magur			9	0.07
16	Big Shrimp/Prawn			0	0.00
17	Small Shrimp/Prawn			86	0.64
18	Tilapia/Nilotica	2062	100.00	3254	24.35
19	Sarpunti/Thai punti			1437	10.75
20	Other Inland Fish			1352	10.12
	TOTAL	2062	100.00	13364	100.00

Table 3.30. Annual Catch of Hilsa in Inland and Marine Fisheries, 2015-16

[Unit : Metric Ton]

District	Principal River						Other River	Sundar bans	Inland Total	Marine Total	Country Total
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma Putra					
Dhaka	0	0	115	0	0	0	0	0	115	0	115
Faridpur	0	0	346	0	0	0	0	0	346	0	346
Gazipur	0	0	0	0	0	0	0	0	0	0	0
Gopalganj	0	0	0	0	0	0	1	0	1	0	1
Kishoreganj	0	201	0	0	0	0	0	0	201	0	201
Madaripur	0	0	85	0	0	0	0	0	85	0	85
Manikganj	0	0	584	0	36	0	0	0	620	0	620
Munshiganj	0	225	376	0	0	0	0	0	601	0	601
Narayanganj	0	28	0	0	0	0	0	0	28	0	28
Narsingdi	0	176	0	0	0	0	0	0	176	0	176
Rajbari	0	0	127	66	0	0	0	0	193	0	193
Sariatpur	388	0	130	0	0	0	0	0	518	0	518
Tangail	0	0	0	0	13	0	0	0	13	0	13
Dhaka Div.	388	630	1763	66	49	0	1	0	2897	0	2897
Mymensingh	0	0	0	0	0	0	0	0	0	0	0
Netrakona	0	0	0	0	0	0	0	0	0	0	0
Jamalpur	0	0	0	0	32	25	0	0	57	0	57
Sherpur	0	0	0	0	0	0	0	0	0	0	0
Mymensingh Div.	0	0	0	0	32	25	0	0	57	0	57
Bagerhat	0	0	0	0	0	0	553	109	662	577	1239
Chuadanga	0	0	0	0	0	0	0	0	0	0	0
Jessore	0	0	0	0	0	0	0	0	0	0	0
Jhenaidah	0	0	0	0	0	0	0	0	0	0	0
Khulna	0	0	0	0	0	0	1123	0	1123	0	1123
Kushtia	0	0	0	12	0	0	0	0	12	0	12
Magura	0	0	0	0	0	0	0	0	0	0	0
Meherpur	0	0	0	0	0	0	0	0	0	0	0
Narail	0	0	0	0	0	0	35	0	35	0	35
Satkhira	0	0	0	0	0	0	0	0	0	0	0
Khulna Div.	0	0	0	12	0	0	1711	109	1832	577	2409
Barguna	0	0	0	0	0	0	1735	0	1735	60070	61805
Barisal	22668	0	0	0	0	0	3375	0	26043	1060	27103
Bhola	50652	0	0	0	0	0	2323	0	52975	74244	127219
Jhalokathi	0	0	0	0	0	0	669	0	669	0	669
Patuakhali	0	0	0	0	0	0	7568	0	7568	30285	37853
Pirojpur	0	0	0	0	0	0	2508	0	2508	1068	3576
Barisal Div.	73320	0	0	0	0	0	18178	0	91498	166727	258225

Cont....

[Unit : Metric Ton]

District	Principal River						Other River	Sundar Bans	Inland Total	Marine Total	Country Total
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma Putra					
Dinajpur	0	0	0	0	0	0	0	0	0	0	0
Gaibandha	0	0	0	0	3	2	0	0	5	0	5
Kurigram	0	0	0	0	0	6	0	0	6	0	6
Lalmonirhat	0	0	0	0	0	0	0	0	0	0	0
Nilphamari	0	0	0	0	0	0	0	0	0	0	0
Panchagarh	0	0	0	0	0	0	0	0	0	0	0
Rangpur	0	0	0	0	0	0	0	0	0	0	0
Thakurgaon	0	0	0	0	0	0	0	0	0	0	0
Rangpur Div.	0	0	0	0	3	8	0	0	11	0	11
Bogra	0	0	0	0	1	0	0	0	1	0	1
Chapainawabganj	0	0	0	1	0	0	0	0	1	0	1
Joypurhat	0	0	0	0	0	0	0	0	0	0	0
Naogaon	0	0	0	0	0	0	0	0	0	0	0
Natore	0	0	0	1	0	0	0	0	1	0	1
Pabna	0	0	0	31	14	0	0	0	45	0	45
Rajshahi	0	0	0	26	0	0	0	0	26	0	26
Sirajganj	0	0	0	0	23	0	0	0	23	0	23
Rajshahi Div.	0	0	0	59	38	0	0	0	97	0	97
Bandarban	0	0	0	0	0	0	0	0	0	0	0
Brahmanbaria	0	101	0	0	0	0	0	0	101	0	101
Chandpur	19197	0	0	0	0	0	2072	0	21269	0	21269
Chittagong	0	0	0	0	0	0	1856	0	1856	45841	47697
Comilla	0	0	0	0	0	0	0	0	0	0	0
Cox's Bazar	0	0	0	0	0	0	1416	0	1416	32872	34288
Feni	0	0	0	0	0	0	28	0	28	0	28
Khagrachari	0	0	0	0	0	0	0	0	0	0	0
Laksmipur	7597	0	0	0	0	0	148	0	7745	0	7745
Noakhali	11844	0	0	0	0	0	60	0	11904	8177	20081
Rangamati	0	0	0	0	0	0	0	0	0	0	0
Ctg. Division	38638	101	0	0	0	0	5580	0	4431	86890	131209
Habiganj	0	5	0	0	0	0	0	0	5	0	5
Moulvi Bazar	0	0	0	0	0	0	0	0	0	0	0
Sunamganj	0	0	0	0	0	0	41	0	41	0	41
Sylhet	0	0	0	0	0	0	0	0	0	0	0
Sylhet Division	0	5	0	0	0	0	46	0	46	0	46
Total	112392	731	1763	135	121	34	25471	109	140756	254195	394951
%	29.026	0.189	0.455	0.035	0.031	0.009	6.578	0.028	36.351	65.648	100.00

[Unit : Metric Ton]

Sector	Production in 2015-16	Growth Rate %
River	140647	3.97
Sundarbans	109	-6.83
Marine Industrial	3695	10.58
Marine Artisanal	250500	0.20
Total	394951	2.01

**Table 3.31. Annual Catch of Marine Fisheries
2015-16**

Type of Fishing	Number of Craft (Trawler/ Boat)	Number of Unit (Gear/Net)	Catch in Metric Ton			
			Shrimp	Hilsa	Other Fish	Total
A. Industrial						
Trawl Fishing						
a) Shrimp Trawler	37	111	2309	0	2274	4583
b) Fish Trawler	210	630	274	3695	96796	100765
TOTAL INDUSTRIAL	247	729	2583	3695	99070	105348
B. Artisanal						
1. Gill Net Fishing						
a) Mechanized	23595	74443	0	230000	64280	294280
b) Non Mechanized	13820	40585	0	20500	21000	41500
SUB-TOTAL	37415	115028	0	250500	85280	335780
2. Set Bag Net Fishing						
a) Seasonal (MB)	7875	20799	31000	0	112300	143300
b) Seasonal (NMB)	6100	10000	9150	0	1500	10650
c) All Seasonal (NMB)	6550	10025	1600	0	500	2100
SUB-TOTAL	20525	40824	41750	0	114300	156050
3. Long Line Fishing						
a) Jew Fish Long Line						
Mechanized	2500	10191	0	0	17000	17000
Non Mechanized	400	900	0	0	700	700
b) Other Long Line (NMB)	325	772	0	0	300	300
SUB-TOTAL	3225	11863	0	0	18000	18000
4. Trammel Net Fishing (NMB)	131	422	1400	0	4600	6000
5. Other Gears Fishing (NMB)	6373	15640	1850	0	3500	5350
TOTAL ARTISANAL	67669	183777	45000	250500	225680	521180
GRAND TOTAL (A+B)	67916	184518	47583	254195	324750	626528

Trawler		Boat		Gear	
Type	No.	Type	No.	Type	No.
Shrimp Trawler	37	MB (Mechanized Boat)	32859	Gill Net	132142
Fish Trawler	210	NMB (Non-Mechanized Boat)	34810	Set Bag Net	48452
				Long Line	1799
				Trammel Net	471
				Other Gear	5843
Total	247		67669		183707

**Table 3.32. Species-wise Catch of Marine Fisheries
2015-16**

[Unit : Metric Ton]

Type of Fishing	Shrimp (A)	Hilsha (B)	Other Species								Grand Total (A+B+C)	
			Sardine	Bombay Duck	Indian Salmon	Pom fret	Jew Fish	Cat Fish	Shark/Skate/Ray	Other Marine Fish		Total (C)
A. Industrial Trawl Fishing	2583	3695	42576	0	0	293	2889	2245	622	50445	99070	105348
B. Artisanal												
1. Gill Net Fishing												
a) Mechanized	0	230000	1700	3250	800	1975	17000	1500	1900	36155	64280	294280
b) Non-mechanized	0	20500	0	80	0	0	2150	100	20	18650	21000	41500
SUB-TOTAL	0	250500	1700	3330	800	1975	19150	1600	1920	54805	85280	335780
2. Set Bag Net Fishing												
a) Seasonal	40150	0	70	54810	0	8325	1430	30	170	48965	113800	153950
b) All Seasonal	1600	0	0	190	0	0	0	20	35	255	500	2100
SUB-TOTAL	41750	0	70	55000	0	8325	1430	50	205	49220	114300	156050
3. Long Line Fishing												
a) Jew Fish Long Line												
Mechanized	0	0	0	0	75	0	5000	3800	1795	6330	17000	17000
Non Mechanized	0	0	0	0	20	0	250	55	60	315	700	700
b) Other Long Line	0	0	0	0	0	0	200	45	20	35	300	300
SUB-TOTAL	0	0	0	0	95	0	5450	3900	1875	6680	18000	18000
4. Trammel Net Fishing	1400	0	0	40	0	0	1675	700	0	2185	4600	6000
5. Other Gears' Fishing	1850	0	40	175	0	0	1300	200	0	1785	3500	5350
TOTAL ARTISANAL	45000	250500	1810	58545	895	10300	29005	6450	4000	114675	225680	521180
GRAND TOTAL (Industrial+ Artisanal)	47583	254195	44386	58545	895	10593	31894	8695	4622	165120	324750	626528
%	7.94	40.57	7.08	9.34	0.14	1.69	5.09	1.39	0.74	26.35	51.83	100.00

Species-wise Annual Shrimp Catch in Marine Fisheries

Sector	Bagda (Tiger)	Harina (Brown)	Chaka (White)	Others	Total
Trawl Fishing	268	1554	72	689	2583
Artisanal Fishing	3150	28000	5000	8850	45000
Total	3418	29554	5072	9539	47583

**Table 3.33. Annual Carp Hatchling Production
2016**

Source of Production	No of Hatchery	Hatchling Production (Kg)	%
1. Natural			
Jamuna River		1615	
Padma River		1984	
Arialkha River		241	
Brahmaputra River		110	
Garai/Madhumati River		543	
Surma		6	
Halda River		320	
Natural Total		4819	0.78
2. Artificial			
Govt. Hatchery	89	14775	2.40
Private Hatchery	813	594839	96.81
Artificial Total	902	609614	99.22
COUNTRY TOTAL	902	614433	100.00

Note: Hatchling of 4-5 days old.

Table 3.34. Annual PL (Post Larva) Production, 2016

Source of Production	Galda Hatchery		Bagda Hatchery		Total	
	No. of Hatchery	PL Production (Core)	No. of Hatchery	PL Production (Core)	No. of Hatchery	PL Production (Core)
Govt. Hatchery	17	0.55	0	0.00	17	0.55
Private Hatchery	19	4.10	49	1314.20	68	1318.30
TOTAL	36	4.65	49	1314.20	85	1318.85

Note: No. of Hatchery mentioned which is under operation only.

Table 3.35. Hatchling Production of Govt. Hatchery, 2016

Name/Location of Hatchery	No. of Hatchery	Hatchling Production (Kg)								
		Major Carp	Exotic Carp	Pangas	Thai Punti	Bata	Koi	Shingi/Magur	Other	Total
Fish Seed Multiplication Farm										
1. Dhaka Division	9	700	256	0	64	50	0	0	1	1071
2. Mymensingh Division	9	808	238	5	101	38	0	0	0	1190
3. Khulna Division	12	1425	861	0	16	22	0	0	0	2324
4. Barisal Division	10	326	86	60	10	20	0	0	0	502
5. Rangpur Division	12	584	564	0	104	136	0	0	0	1388
6. Rajshahi Division	15	1164	821	40	60	283	0	0	40	2408
7. Chittagong Division	11	1150	243	10	99	18	0	0	33	1553
8. Sylhet Division	6	566	35	0	128	0	0	0	16	745
Sub Total	84	6723	3104	115	582	567	0	0	90	11181
Other Govt. Hatchery										
1. Central Fish Breeding and Training Centre, Jhenaidah.	1	716	754	0	14	21	0	0	0	1505
2. Fish Breeding and Training Centre, Raipur Lakshmipur.	1	540	123	10	59	0	0	0	0	732
3. Fish Seed Multiplication Farm and Training Centre, Parbatipur, Dinajpur.	1	305	217	0	25	70	0	0	0	617
4. Hatchery of Bangladesh Fisheries Research Institute, Mymensingh.	1	360	180	0	0	0	0	0	150	690
5. Faridpur Training and Extension Center, Faridpur	1	40	10	0	0	0	0	0	0	50
Sub Total	5	1961	1284	10	98	91	0	0	150	3594
TOTAL	89	8683.5	4387.5	125	681	658	0	0	240	14775

Table 3.36. Hatchling Production of Private Hatchery, 2016

Division	No. of Hatchery	Hatchling Production (Kg)									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Punti	Bata	Koi	Shingi/Magur	Other	Total	
Dhaka	40	14753	6314	0	2132	2138	245	735	555	26871	486
Mymensingh	196	47183	43981	25000	7950	2695	4035	10938	23560	165342	5739
Khulna	94	45146	27630	3508	1690	3308	1037	212	1940	84471	3282
Barisal	41	12852	4971	110	697	25	300	70	100	19125	163
Rangpur	71	15969	18642	4785	2655	5439	281	486	273	48530	62
Rajshahi	174	40104	35649	48395	4365	12176	1327	1772	2226	146014	4250
Chittagong	178	47505	24391	12665	3982	882	522	565	1012	91524	6759
Sylhet	19	8469	1685	70	2607	17	0	80	35	12963	756
TOTAL	813	231981	163262	94533	26077	26680	7747	14858	29700	594839	21497

Note : (1) About four lakh hatchlings contain in one kg spawn and one kg contains 1000-1200 Tilapia juvenile.
(2) Other Species: Ghonia, Chitol, Gulsa, Pabda etc.
(3) No. of Hatchery mentioned which is under operation only.

Table 3.37. District-wise Annual Production of Hatchling of Private Hatchery, 2016

District	No. of Hatchery	Hatchling Production in Kg									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Puntl	Bata	Koi	Shingi/Magur	Other	Total	
Dhaka	4	2478	357	0	448	450	0	0	0	3733	8.20
Faridpur	2	2375	1600	0	380	120	0	0	0	4475	0
Gazipur	3	280	320	0	80	40	0	0	0	720	166.00
Gopalganj	1	1330	590	0	30	0	0	0	0	1950	0
Kishorganj	8	3545	1445	0	215	110	0	0	0	5315	9.00
Madaripur	1	300	0	0	0	0	0	0	0	300	0
Manikganj	2	1195	280	0	150	375	0	0	0	2000	0
Munshiganj	1	340	210	0	210	130	0	0	0	890	0
Narayanganj	0	0	0	0	0	0	0	0	0	0	0
Narsingdi	7	394	231	0	85	45	245	470	115	1585	180.00
Rajbari	4	390	195	0	45	165	0	0	350	1145	0
Shariatpur	1	0	0	0	0	0	0	80	0	80	0
Tangail	6	2126	1086	0	489	703	0	185	90	4678	123.00
Dhaka Div	40	14753	6314	0	2132	2138	245	735	555	26872	486.20
Mymensingh	13	2006	1163	0	360	454	0	50	0	4033	254
Netrakona	167	43858	42290	25000	7488	2191	4035	10078	23247	158187	5035
Jamalpur	8	700	300	0	100	50		810	310	2270	0
Sherpur	8	619	228	0	2	0	0	0	0	849	450
Mymensingh Div.	196	47183	43981	25000	7950	2695	4035	10938	23557	165339	5739
Bagerhat	1	2000	0	0	0	0	0	0	0	2000	7.5
Chuadanga	1	0	0	0	0	0	0	0	150	150	120
Jessore	45	30800	24645	3508	1315	882	650	212	1150	63162	1091.9
Jhenaidah	1	400	200	0	0	20	30	0	0	650	0
Khulna	4	6720		0	0	896	357	0	529	8502	140.53
Kushtia	13	3155	1520	0	170	955		0	10	5810	40
Magura	0	0	0	0	0	0	0	0	0	0	0
Meherpur	2	375	230	0	55	105	0	0	0	765	0
Narail	2	630	580	0	150	450	0	0	100	1910	32
Satkhira	25	1066	455	0	0	0	0	0	1	1522	1850.02
Khulna Div	94	45146	27630	3508	1690	3308	1037	212	1940	84471	3281.95
Barguna	3	0	0	0	0	0	0	20	0	20	12
Barisal	16	5809	1117	10	207	25	0	0	0	7168	0
Bhola	12	4503	3354	50	200	0	0	0	0	8107	140
Jhalokhati	1	340	180	0		0	0	0	0	520	0
Patuakhali	7	2050	220	0	190	0	0	0	0	2460	10
Pirozpur	2	150	100	50	100	0	300	50	100	850	0.60
Barisal Div.	41	12852	4971	110	697	25	300	70	100	19125	162.60

Cont....

District	No. of Hatchery	Hatchling Production (Kg)									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Puntl	Bata	Koi	Shingi/Magur	Other	Total	
Dinajpur	8	1880	1155	0	80	245	0	0	55	3415	0
Gaibandha	15	2153	3850	0	435	1567	180	12	60	8257	0
Kurigram	12	3632	3391	0	540	1517	0	0	0	9080	9.50
Lalmonirhat	0	10	2695	4785	0	0	0	0	0	7490	0
Nilphamari	10	3725	3650	0	405	245	0	0	0	8025	0
Panchagar	2	960	0	0	40		0	0	0	1000	0
Rangpur	21	3158	3344	0	946	1487	101	474	141	9651	52
Thakurgaon	3	451	557	0	209	378	0	0	17	1612	0
Rangpur Div.	71	15969	18642	4785	2655	5439	281	486	273	48530	61.50
Bogra	96	20450	18520	44775	2450	8775	1250	1620	380	98220	1650
C. Nababganj	2	530	478	0	30	50	0	0	0	1088	0
Joypurhat	10	3616	1530	225	100	260	0	0	1778	7509	80
Naogaon	23	1391	2747	3395	110	620	77	112	7	8459	0
Nator	10	1319	1231	0	58	193	0	0	0	2801	1850
Pabna	8	5635	2931	0	564	545	0	0	0	9675	620
Rajshahi	13	3283	5083	0	473	433	0	40	61	9372	0
Sirajganj	12	3880	3130	0	580	1300	0	0	0	8890	50
Rajshahi Div	174	40104	35649	48395	4365	12176	1327	1772	2226	146014	4250
Bandarban	0	0	0	0	0	0	0	0	0	0	0
B-Baria	21	7668	1971	1460	1080	396	0	0	433	13008	42.8
Chandpur	15	1582	742	15	112	18	0	0	0	2469	446.00
Chittagong	8	320	60		20		0	0	0	400	0.02
Comilla	75	30350	18052	9490	2280	468	522	565	61	61788	2364.00
Coxes Bazar	10	159	23	0	2	0	0	0	0	184	650.00
Feni	16	3851	1180	0	415	0	0	0	45	5491	46.98
Khagrachari	0	0	0	0	0	0	0	0	0	0	0
Lakshmipur	11	827	193	0	0	0	0	0	12	1032	154.80
Noakhali	22	2749	2170	1700	73	0	0	0	461	7153	3097.00
Rangamati	0	0	0	0	0	0	0	0	0	0	0
Ctg. Div.	178	47505	24391	12665	3982	882	522	565	1012	91525	6758.80
Habiganj	5	2094	655	0	407	17	0	0	0	3173	0
Maulavi Bazar	6	5200	500	0	2000	0	0	0	0	7700	750
Sunamganj	5	920	500	70	170	0	0	0	30	1690	6
Sylhet	3	255	30	0	30	0	0	80	5	400	0
Sylhet Div.	19	8469	1685	70	2607	17	0	80	35	12963	756
TOTAL	813	231981	163262	94533	26077	26680	7747	14858	29700	594839	21496
%	-	39.00	27.45	15.89	4.38	4.49	1.30	2.50	4.99	100.00	-

Table 3.38. Annual Carp Spawn/Fertilized Egg Collected from Natural Source, 2016

District	Upazila	Collection Centre	Name of River	No. of Saver	No. of People engaged	No. of Net used	No. of Boat used	Collection Period	Frequency of Spawning Time	Spawn Collected (kg)	Sale Rate Tk/kg
1	2	3	4	5	6	7	8	9	10	11	12
Sirajganj	Sirajganj sadar	Vatpiary, Panchasona, Hatboyra, Shimla, Soyasekha	Jamuna	43	47	137	6	May to June	2	158	2000
Sirajganj	Shahjadpur	Sonatali, Belotia, Tarotia.	Jamuna	11	22	32	9	June to July	2	38	3000
Sirajganj	Chauhali	Khashkaolia, Basotia, Gorjan, Omarpur	Jamuna	7	15	54	8	May to June	2	886	1500
Sirajganj	Belkuchi	Khiramatia, Delua, Thakurpara, Jangalia	Jamuna	15	28	22	12	June to July	2	183	3200
Sirajganj	Kazirpur	Magai, Khudbandi, Shingrabari, Shuvagacha	Jamuna	7	13	67	7	May to June	2	178	2000
Pabna	Bera	Raksha, Nagarbari	Jamuna	5	22	72	6	May to June	2	172	2000
Jamuna Total				88	147	384	48	-	-	1615	-
Natore	Lalpur	Lakshmipur, Beelmatia	Padma	6	34	6	3	Aug to Sept	2	47	4000
Pabna	Eshardi	Kamarpur, Sharagat, dadapur	Padma	10	36	35	11	June to July	2	128	1200
Rajshahi	Ghudaghari	Alipur, Chakpara, Kharijagati	Padma	6	36	168	8	July to Sept	3	182	4000
Rajshahi	Poba	Berpara, Shyampur, Char Khidirpur, Talaimari	Padma	28	48	87	26	July to Aug	2	164	650
Rajshahi	Chargat	Tangon Shapur, Yousofpor, Raotia, Chargatbridge, Mongli	Padma, Baral	12	82	31	30	June to Sept	4	1320	1640
Rajshahi	Bagha	Sharehat, Alaipur, Morshidpur, Mirgonj	Padma	4	12	8	5	Aug to Sept	2	11	3200
Faridpur	Faridpur sadar	North channel, Decree char, C&B ghat	Padma	5	20	75	10	June to July	3	132	2500
Padma Total				73	268	407	89	-	-	1984	-
Faridpur	Sadarpur	Karalcandi, Char Valashia, Chandrapara, Chudhurihat	Arial Kha	5	20	73	10	June to July	3	241	2500
Arialkha Total				5	22	73	9	-	-	241	-
Faridpur	Modhukhali	Modhumati, Nawapara, Dyayaramara	Gharai/ Modhumati	11	32	122	10	June to Aug	3	98	3000
Magura	Sripur	Kudla, Mashioala, Langalband, Ananda nagar, Gangaramkhali	Gharai	19	77	306	18	June to Aug	3	336	3000
Magura	Mohammadpur	Naderchad ghat, Kumarpur, Alanbari, Babukhali	Modhumati	5	15	52	4	July to Aug	2	57	3000
Magura	Magura sadar	Kalinagar ghat, Ghayshpur ghat	Modhumati	4	10	4	4	July to Aug	2	52	3000
Gharai, Modhumati Total				44	156	557	45	-	-	543	-
Sylhet	Gopalganj	Hajipur	Surma	2	2	2	1		2	6	3000
Surma Total				2	2	2	1		2	6	3000
Gaibandha	Shagatta	Munshir hat	Brahmaputra	2	5	14	2	June	1	33	1700
Gaibandha	Fulshari	3rd Ghat, Rasulpur	Brahmaputra	7	22	28	3	June	1	77	1400
Brahmaputra Total				9	27	42	5			110	
Chittagong	Hathazari	Katahalighona, Mardarsha, Masuagona,	Halda	191	730	352	337	Apr to June	3	188	34000
Chittagong	Rawzan	Khalifarghona, Ramdashat, Keraltalir Bak	Halda	102	552	258	258	Apr to June	3	132	45000
Halda Total				293	1282	610	595			320	
Country Total				514	1904	2075	792			4819	

Table 3.39. Year-wise Annual Export of Fish and Fish Product (1999-2000 to 2015-16)

Quantity in Metric Ton

Value in Core Taka

1 US Dollar = 78.40 Taka

Year	Frozen Shrimp/Prawn		Live Fish		Frozen Fish		Chilled Fish		Dry fish		Salted/dehydrated fish		Crab		Shark fin/Fish Maws		Others		Total		% of Total Export (Value)
	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	
1999-00	28514	1612.2	-	-	9484	137.19	-	-	215	3.65	809	25.96	107	1.44	262	31.17	-	-	39391	1811.56	6.28
2000-01	29713	1885.2	-	-	7965	94.89	-	-	137	2.02	838	27.73	154	2.33	181	20.63	-	-	38988	2032.75	5.77
2001-02	30209	1447.8	-	-	9864	137.39	-	-	517	8.32	293	9.53	336	7.07	263	27.07	-	-	41482	1637.14	4.76
2002-03	36864	1719.9	-	-	8846	158.64	-	-	333	7.02	526	19.12	630	14.58	172	22.35	-	-	47371	1941.59	5.10
2003-04	42943	2152.8	-	-	10229	202.24	-	-	472	4.16	377	1.38	116	1.39	4	1.53	-	-	54141	2363.47	5.71
2004-05	46533	2281.6	-	-	15763	256.2	-	-	272	3.71	770	28.97	38	0.86	1	0.39	-	-	63377	2571.72	5.90
2005-06	49317	2698.4	57	0.48	17429	294.14	-	-	150	2.19	591	19.84	1107	12.95	78	0.80	100	1.09	68829	3029.84	4.56
2006-07	53361	2992.3	4	0.07	18376	325.9	-	-	77	1.34	441	12.80	1123	15.48	244	4.11	78	0.86	73704	3352.89	4.90
2007-08	49907	2863.9	10	0.15	23515	495.46	-	-	210	2.67	658	26.97	439	4.88	266	1.82	294	0.41	75299	3396.28	4.04
2008-09	50368	2744.1	0.3	0.006	19294	450.89	-	-	341	11.99	84	3.92	1217	11.98	276	1.77	1308	18.73	72888	3243.41	3.00
2009-10	51599	2885.2	1783	13.22	21464	458.11	-	-	622	25.06	0	0.00	692	10.41	955	12.66	528	3.85	77643	3408.52	2.74
2010-11	54891	3568.2	0.60	0.045	16743	490.00	16369	421.05	623	5.57	577	30.86	4485	54.11	0	0.00	2780	33.97	96469	4603.83	2.73
2011-12	48007	3640.2	0.46	0.04	15513	396.18	19026	520.74	996	9.43	411	27.46	5767	95.77	0	0.00	2758	14.14	92479	4703.94	2.46
2012-13	50333	3376.2	0	0.00	11435	316.36	11831	246.86	1278	36.03	0	0.00	7428	169.49	1	0.09	2599	13.93	84905	4158.97	2.01
2013-14	47635	4118.8	0	0.00	11677	337.11	5021	89.07	2634	29.67	261	21.65	7707	164.75	0	0.00	2393	15.89	77328	4776.92	2.09
2014-15	44278	3937.60	0	0.00	10656	277.63	11629	177.08	2845	36.74	261	25.37	12558	199.38	0	0.00	1297	6.81	83524	4660.60	1.92
2015-16	40726	3598.67	12454	184.28	11133	273.76	7428	163.52	2229	30.12	249	21.03	106	7.09	0	0.00	1013	4.35	75338	4282.82	1.97

Source : EPB (Export Promotion Bureau) and FIOC (Fish Inspection and Quality Control), Department of Fisheries.

Note : 1. Chilled fish was included in the column of frozen fish before the year 2010-11.

2. Live fish (2015-16) is live Kuchia

Exported Frozen Shrimp/ Prawn in 2015-16

	(MT)	Core Taka
Galda	7626.45	1013.23
Bagda	28829.01	2335.53
Others	4270.68	249.91
Total	40726.14	3598.67

Table 3.40. Sector-wise Annual Fish Production from 2005-06 to 2015-16

[Unit : Metric Ton]

Year	Capture					Culture							Marine		Total	Growth Rate (%)
	River	Sundarbans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal Cultured waterbody	Baor	Shrimp	Crab	Pen Culture	Cage Culture	Marine Industrial	Marine Artisanal		
2005-06	137859	16423	76365	7548	690753	759628	27738	4498	127923	-	-	-	34084	445726	2328545	5.08
2006-07	136958	17751	75137	8085	738673	811954	30157	4698	129160	-	-	-	35391	452047	2440011	4.79
2007-08	136812	18151	77524	8248	786515	866049	32931	4778	134715	-	-	-	34159	463414	2563296	5.05
2008-09	138160	18462	79200	8590	843671	912178	35842	5038	145585	-	-	-	35429	479215	2701370	5.39
2009-10	141148	20437	79209	7336	781807	1140484	46902	8727	155866	-	-	-	34182	483100	2899198	7.32
2010-11	144566	22451	81564	8980	797024	1219736	51230	4864	184939	-	-	-	41665	504668	3061687	5.60
2011-12	145613	21610	85208	8537	696127	1392412	132163	5186	196306	-	-	-	73386	505234	3261782	6.54
2012-13	147264	15945	87902	9017	701330	1446594	200833	6146	206235	-	-	-	73030	515958	3410254	4.55
2013-14	167373	18366	88911	8179	712976	1526160	193303	6514	216447	-	13054	1447	76885	518500	3548115	4.04
2014-15	174878	17580	92678	8645	730210	1613240	201280	7267	223582	-	13070	1969	84846	515000	3684245	3.84
2015-16	178458	16870	95453	9589	747872	1719783	207658	7729	239798	13160	13364	2062	105348	521180	3878324	5.27

Note : From 2013-14 a part of Floodplain area is converted into Pen Culture for modern aqua-culture system.

Table 3.41. Species-wise Annual Fish Production from 2005-06 to 2015-16

[Unit : Metric Ton]

Sl. No.	Species/Group	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	Major Carp	509995	535492	547652	617761	692597	753572	777005	731662	728695	755074	750880
2	Other Carp	9303	9821	9339	11155	64359	55021	60356	54130	80138	80997	80647
3	Exotic Carp	257739	292961	333452	305938	376006	265375	299494	402490	389642	363737	357933
4	Pangas (Cat Fish)									371068	406818	504674
5	Other Cat Fish	34104	58588	85869	117856	208972	221965	288887	360722	81536	64537	65130
6	Snake Head	101309	102686	110460	122093	113989	117577	89351	53305	60282	69305	70106
7	Live Fish	60292	58158	75286	77113	101368	94000	95063	102651	115185	133512	136113
8	Tilapia									298062	347801	377346
9	Other Inland fish	634829	643160	643876	646085	575620	710853	763668	835457	524488	542711	568446
10	Hilsha	277123	279189	290000	298921	313753	339845	346512	351223	385140	387211	394951
11	Shrimp/Prawn	211010	221131	223095	244972	186418	239460	252523	228769	223788	230244	234188
12	Crab	0	0	0	0	0	0	0	0	0	0	13160
12	Sardine	0	0	0	0	0	0	20187	29636	27590	32835	44386
13	Bombay Duck	39331	36009	36980	58263	58464	60750	62817	71745	51673	53950	58545
14	Indian Salmon	1018	969	1040	7733	7733	4521	3030	2445	1960	1020	895
15	Pomfret	12023	13061	16728	46643	50245	40478	39537	29693	23355	11437	10593
16	Jew Fish	32538	35214	33803	38414	35514	36639	37929	30600	36170	31826	31894
17	Sea Cat Fish	18151	18131	20534	16515	16722	17193	19700	8594	9719	9476	8695
18	Shark/ Skate / Ray	4448	4790	4767	3933	4794	4205	3865	5017	5648	5093	4622
19	Other Marine Fish	125332	130651	130415	87975	92644	100233	101858	112115	133976	156661	165120
	Total	2328545	2440011	2563296	2701370	2899198	3061687	3261782	3410254	3548115	3684245	3878324

Note- Pangas was included in Group of Cat Fish (SL-5) and Tilapia was included in Group of Other Inland Fish (SL-9) before 2013-14.

Annexure - 1

Schedules of Fish Catch Assessment Survey Fisheries Resources Survey System Department of Fisheries Bangladesh

Riverine Fisheries :

River-1

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System
Department of Fisheries

CATCH ASSESSMENT SURVEY OF RIVER Number of Fishing Units (Survey Form -1)

1. River----- Code Date
2. District----- Code
3. Upazila----- Name of Officer-----
4. Union-----
5. Village----- Code

Sl. No.	Name of gear used			Number of fishing units operated			Number of sample fishing units
	Local Name	Type	Code	Local	Immigrant	Total	

Government of the People's Republic of Bangladesh
 Fisheries Resources Survey System
 Department of Fisheries
CATCH ASSESSMENT SURVEY OF RIVER
Sample Catch Record (Survey Form - 2)

1. River----- Code Date
 2. District----- Code
 3. Upazila----- *Name of Officer* -----
 4. Union----- 5. Village----- Code
 6. Type of gear used----- Code
 7. Number of fishing units operate 8. Number of sample units
 9. Raising Factor (**Fishing unit operated / sample unit**) -----

Sample catch observed		1	2	3	4	5	Total Catch	Estimated Total Catch of Sample Village	Producer Price in Tk/Kg
Name of head fisherman									
Number of fishermen on the boat									
Local name of gear used									
Code	Species	Kg	Kg	Kg	Kg	Kg	Kg	Kg	
01	Rui								
02	Catla								
03	Mrigal								
04	Kalibaus								
05	Bata								
06	Ghonia								
07	Pangas								
08	Boal/Air								
09	Shol/Gazar/Taki								
10	Koi								
11	Shingi/Magur								
12	Sarpunti								
13	Other Inland Fish								
14	Hilsa/Ilish								
15	Galda								
16	Bagda								
17	Harina								
18	Chaka								
19	Other small shrimp/prawn								
Total									

Remarks: Estimated total catch of sample village for sample day = Total Catch X Raising Factor.

Fisheries Resources Survey System
 Department of Fisheries
CATCH ASSESSMENT SURVEY OF RIVER
Monthly Summary Sheet
(Principal River / Other River)

1. River ----- Code Month -----Year-----
 2. District ----- Code
 3. Upazila ----- Name of Officer -----
 4. Total Boat of District-----

5. Total Boat of Sample Villages

	Name of Sample Village	No. of Boat of Sample Village
(a)		
(b)		
(c)		
(d)		
	Total	

6. District Raising Factor = District Total Boat of the River/Total Boat of Sample Villages -----

7. District Total Catch for the month = Average Total Catch of Sample Villages X District Raising Factor X Days of the Month/1000 (MT)

Code No.	Name of Species	Average Total Catch for One Day			District Total Catch for the Month MT
		Estimated Total of Sample-1	Estimated Total of Sample-2	Average Total	
		(A) Kg	(B) Kg	(A+B)/2 Kg	
1	Rui				
2	Catla				
3	Mrigal				
4	Kalibaus				
5	Bata				
6	Ghonia				
7	Pangas				
8	Boal/Air				
9	Shol/Gazar/Taki				
10	Koi				
11	Shingi/Magur				
12	Sarpunti				
13	Other Inland Fish				
14	Hilsa/Illish				
15	Galda				
16	Bagda				
17	Harina				
18	Chaka				
19	Other small shrimp/prawn				
	Total				

Remarks : A = Estimated total catch for beginning of the month.
 B = Estimated total catch for ending of the month.

Signature

Government of the People's Republic of Bangladesh
 Fisheries Resources Survey System, Department of Fisheries

River-4

CATCH ASSESSMENT SURVEY OF RIVER

Yearly Summary Sheet (Principal River / Other River)

1. River----- Code Year----- 2. District----- Code Name of Officer-----

(Figure in Metric Ton)

Code	Species	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
01	Rui													
02	Catla													
03	Mrigal													
04	Kalibaus													
05	Bata													
06	Ghonia													
07	Pangas													
08	Boal/Air													
09	Shol/Gazar/Taki													
10	Koi													
11	Shingi/Magur													
12	Sarpunti													
13	Other Inland Fish													
14	Hilsa/Ilish													
15	Galda													
16	Bagda													
17	Harina													
18	Chaka													
19	Other small shrimp/prawn													
	Total													

Signature

Pond Fisheries :

Pond-1

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System
Department of Fisheries

Form P1 : Listing of Ponds

1. District----- 2. Upazila----- Date : -----
3. Union----- 4. Village ----- Name of Officer -----
--

Sl. No.	Name of Owner	Location of Pond	Water Area (Ha)	Culture Method				Remarks
				Extensive	Semi-intensive	Intensive	Highly-intensive	
1	2	3	4	5	6	7	8	9

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System
Department of Fisheries
Identification and general information of Pond

1. District----- 2. Upazila-----
3. Union----- 4. Village-----
Name of Investigator----- Date : -----

1. General Information:

a)	Ownership	Government/ Private/Other Organization
b)	Name of owner	-----
c)	Water area (Ha)	Winter season----- Rainy season----- Dry season-----
d)	Average Depth (meter)	Winter season----- Rainy season----- Dry season-----
e)	Embankment Condition	Complete Broken Opening
f)	Vegetation	Floating vegetation covered----- % Sub-merged vegetation covered----- -%
g)	Culture Method	Extensive Semi-intensive Intensive Highly-intensive

Extensive <1.5MT/Ha
Intensive 4>-10MT/Ha

Semi-intensive 1.5-4 MT/Ha
Highly-intensive 10 > MT/Ha

Signature

Government of the People's Republic of Bangladesh
 Fisheries Resources Survey System
 Department of Fisheries

CATCH ASSESSMENT SURVEY OF POND

1. District----- Code 2. Upazila----- 3. Union-----
 --
 4. Village ----- 5. Name of Owner-----
 6. Name of Farmer/Operator----- 7. Water Area----- (Ha)
 8. Average Depth----- (Meter) 9. Tenure: Owned/Rented
 10. Type of Pond : **Extensive/ Semi-intensive/ Intensive/ Highly-intensive Pond**

11. Stocking of Fry

Species	July - December		January - June		Total Tk.
	Number	Size (cm)	Number	Size (cm)	
Rui					
Catla					
Mrigal					
Kalibaus					
Bata					
Silver Carp					
Grass Carp					
Mirror/Common Carp					
Pangas					
Koi/Shingi/Magur					
Galda/Bagda					
Tilapia					
Thai Punti					
Others					
Total					

12. Fertilizer & Feeding

Item	July - December		January - June		Total Tk.
	Quantity (Kg).	Tk.	Quantity (Kg).	Tk.	
Chemical Fertilizer					
Cow-dung					
Lime					
Feed					
Total					

13. Other Cost

Item	July - December	January - June	Total Tk.
	Tk.	Tk.	
Management Cost			
Maintenance Cost			
Harvesting Cost			
Rent			
Total			
Total Cost (11+12+13)			

Extensive <1.5MT/Ha
Intensive 4>-10MT/Ha

Semi-intensive 1.5-4 MT/Ha
Highly-intensive 10 > MT/Ha

MONTHLY CATCH ASSESSMENT SURVEY OF POND

Sp. Code	Species	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total	Av. Selling Rate	Total Price
		Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Tk/Kg
01	Rui															
02	Catla															
03	Mrigal															
04	Kalibaus															
05	Bata															
06	Ghonia															
07	Silver Carp															
08	Grass Carp															
09	Mirror/Common Carp															
10	Other Exotic Carp															
11	Pangas															
12	Boal/Air															
13	Shol/ Gazar/Taki															
14	Koi															
15	Singi/ Magur															
16	Big shrimp/prawn															
17	Small shrimp/prawn															
18	Tilapia/Nilotica															
19	Sarpunti/Thai Sharpunti															
20	Other Inland Fish															
	Total															

Total Cost-----Tk Production cost per kg of fish-----Tk/Kg Total selling price-----Tk
 Selling Price per kg of fish-----Tk/Kg Total Production-----Kg Production per Ha-----Kg/Ha
 Total Feed Used-----Kg Food Conversion Rate----- (Feed Used / Fish Produced)

Signature

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System
Department of Fisheries

Pond-4

UPAZILA-WISE SAMPLE CATCH RECORD OF POND

District :

Upazila :

Year :

1. Type of Pond	Extensive	Semi-intensive	Intensive	Highly Intensive	Average Price (Tk/Kg)
2. Production Range	<1.5MT/Ha	1.5-4 MT/Ha	4>-10MT/Ha	10> MT/Ha	
3. Name of Farmer					
4. Water Area (Ha)					
5. Total Fry Stocking (No)					
6. Chemical Fertilizer (Kg)					
7. Cow-dung Used (Kg)					
8. Feed Used (Kg)					
9. Yearly Production (Kg)	(Kg)	(Kg)	(Kg)	(Kg)	(Tk/Kg)
(01) Rui					
(02) Catla					
(03) Mrigal					
(04) Kalibaus					
(05) Bata					
(06) Ghonia					
(07) Silver Carp					
(08) Grass Carp					
(09) Mirror/Common Carp					
(10) Other Exotic Carp					
(11) Pangas/Thai Pangas					
(12) Boal/Air					
(13) Shol/ Gazar/Taki					
(14) Koi					
(15) Singi/ Magur					
(16) Big shrimp/prawn					
(17) Small shrimp/prawn					
(18) Tilapia/Nilotica					
(19) Thai Sarpunti					
(20) Other Inland Fish					
Total=					
Unit Production MT/Ha					

Signature

Beel Fisheries :

Beel-1

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System
Department of Fisheries
CATCH ASSESSMENT SURVEY OF BEEL
(Identification and general information of Beel)

1. District----- 2. Upazila-----
3. Union----- 4. Village-----
Year ----- Name of Officer-----

1. General Information:

a)	Name of Beel	-----
b)	Water area (Ha)	Winter season ----- Rainy season ----- Dry season -----
c)	Average Depth (meter)	Winter season ----- Rainy season ----- Dry season -----
d)	Link with other water body	River/ Cannel/ Beel/None
e)	Leasing arrangement	Fisherman co-operative Private party Other organization
f)	Vegetation	Floating vegetation covered-----% Sub-merged vegetation covered-----%
g)	Description of development work recently done	Re-excavation Construction of embankment Clearance of vegetation
h)	Fry stocking by	Beel Nursery Project Fry released program Leasing party None
i)	Fishing Period	From-----to-----
j)	Fishing Method	Katta Fishing Other Fishing Both
k)	Number of kata(if any)	No.-----

Signature

Government of the People's Republic of Bangladesh
 Fisheries Resources Survey System
 Department of Fisheries
CATCH ASSESSMENT SURVEY OF BEEL
Catch Data of Sample Day

1. District----- Code Date
2. Upazila----- 3. Union-----
- Name of Officer----- 4. Type of fishing : Katta Others
- . Name of Beel----- 5. Water area in winter season -----Ha
7. Type of gear used

Name of Gear	Total Unit	Sample Unit	Raising Factor

8. Sample catch data observed in Kg

Name of Head Fisherman/Catcher :									
Name of Gear									
Sp. Code	Species	Previous day	Sample day						
01	Rui								
02	Catla								
03	Mrigal								
04	Kalibaus								
05	Bata								
06	Ghonia								
07	Silver Carp								
08	Grass Carp								
09	Mirror/Com Carp								
10	Other Exotic Carp								
11	Pangas								
12	Boal/Air								
13	Shol/ Gazar/Taki								
14	Koi								
15	Singi/ Magur								
16	Big shrimp/prawn								
17	Small shrimp/prawn								
18	Tilapia/Nilotica								
19	Sarpunti/Thai Punti								
20	Other Inland Fish								
	Total=								

Remarks: **Raising Factor = Total Unit operated / Sample Unit**

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System, Department of Fisheries
CATCH ASSESSMENT SURVEY OF BEEL
Estimated Total Catch of Sample Day

1. District----- Code Date
 2. Upazila----- 3. Union-----
 4. Name of Beel----- Name of Officer -----
 5. Water area in winter season -----Ha 6. Type of fishing : Kata Others
 7. Type of gear used

Name of Gear	Total Unit	Sample Unit	Raising Factor

8. Estimated total catch of sample day in Kg

Name of Gear										Estimated total catch of sample day (Kg)
Sp. Code	Species	Average catch	Total catch							
01	Rui									
02	Catla									
03	Mrigal									
04	Kalibaus									
05	Bata									
06	Ghonia									
07	Silver Carp									
08	Grass Carp									
09	Mirror/Com Carp									
10	Other Exotic Carp									
11	Pangas									
12	Boal/Air									
13	Shol/ Gazar/Taki									
14	Koi									
15	Singi/ Magur									
16	Big shrimp/prawn									
17	Small shrimp/prawn									
18	Tilapia/Nilotica									
19	Sarpunti/Thai Punti									
20	Other Inland Fish									
	Total=									

Remarks: Average catch = (Catch of previous day + Catch of Sample day)/2
 Total catch = Average catch of each gear x Raising Factor of corresponding gear
 Estimated total catch of sample day = Total catch of all Gear

Government of the People's Republic of Bangladesh
 Fisheries Resources Survey System
 Department of Fisheries
CATCH ASSESSMENT SURVEY OF BEEL
Catch Data of Other Fishing and Estimated Total Catch

1. District ----- Code
2. Upazila ----- 3. Union-----
4. Name of Beel----- Name of Officer -----
5. Water area in winter season -----Ha 6. Type of fishing : Katta Others
7. Fishing period: from-----to ----- = -----days (N)
8. Number of sample days ----- (n)
9. Raising Factor : N/n

Sp. Code	Species	Estimated total catch of sample days (kg)						Sample Total (kg)	Estimated total catch for season (kg)
		1 st day	2 nd day	3 rd day	4 th day	5 th day	6 th day		
01	Rui								
02	Catla								
03	Mrigal								
04	Kalibaus								
05	Bata								
06	Ghonia								
07	Silver Carp								
08	Grass Carp								
09	Mirror/Common Carp								
10	Other Exotic Carp								
11	Pangas								
12	Boal/Air								
13	Shol/ Gazar/Taki								
14	Koi								
15	Singi/ Magur								
16	Big shrimp/prawn								
17	Small shrimp/prawn								
18	Tilapia/Nilotica								
19	Sarpunti/Thai Sharpunti								
20	Other Inland Fish								
	Total								

Remarks : Estimated total catch for whole season = Sample Total x Raising Factor

Government of the People's Republic of Bangladesh
 Fisheries Resources Survey System
 Department of Fisheries
CATCH ASSESSMENT SURVEY OF BEEL
Catch Data of Katta Fishing and Estimated Total Catch

1. District----- Code
2. Upazila----- 3. Union-----
4. Name of Beel----- Name of Officer -----
5. Water area in winter season -----Ha
6. Type of fishing: Katta Others
7. Total number of katta for whole season----- (N)
8. Number of sample katta observed ----- (n)
9. Raising Factor = N/n = -----

Sp. Code	Species	Catch of Sample Katta observed (kg)						Sample Total (kg)	Estimated total catch for season (kg)
		1	2	3	4	5	6		
01	Rui								
02	Catla								
03	Mrigal								
04	Kalibaus								
05	Bata								
06	Ghonia								
07	Silver Carp								
08	Grass Carp								
09	Mirror/Common Carp								
10	Other Exotic Carp								
11	Pangas								
12	Boal/Air								
13	Shol/ Gazar/Taki								
14	Koi								
15	Singi/ Magur								
16	Big shrimp/prawn								
17	Small shrimp/prawn								
18	Tilapia/Nilotica								
19	Sarpunti/Thai Sharpunti								
20	Other Inland Fish								
	Total =								

Remarks : **Estimated total catch for Season = Sample Total x Raising Factor**

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System
Department of Fisheries
CATCH ASSESSMENT SURVEY OF BEEL
ESTIMATED TOTAL CATCH FOR THE WHOLE SEASON

1. District----- Code Year-----

2. Upazila----- 3. Union-----

4. Name of Beel----- Name of Investigator-----

5. Water area in winter season ----- Ha

Sp. Code	Species	Estimated total catch for the whole season (kg)		
		Other Fishing	Katta Fishing	Total catch
01	Rui			
02	Catla			
03	Mrigal			
04	Kalibaus			
05	Bata			
06	Ghonia			
07	Silver Carp			
08	Grass Carp			
09	Mirror/Common Carp			
10	Other Exotic Carp			
11	Pangas			
12	Boal/Air			
13	Shol/ Gazar/Taki			
14	Koi			
15	Singi/ Magur			
16	Big shrimp/prawn			
17	Small shrimp/prawn			
18	Tilapia/Nilotica			
19	Sarpunti/Thai Sharpunti			
20	Other Inland Fish			
Total=				

Production per Hectare-----Kg/Ha

Signature

Shrimp Farm Fisheries :

Form-1

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System
Department of Fisheries

CATCH ASSESSMENT SURVEY OF SHRIMP/ PRAWN FARM

1. District-----Code 2. Upazila-----
3. Union-----4. Mouza/Village-----Name of Officer-----
--- 5. Name of Farm/Owner----- 6. Name of Farmer/Operator-----
-----7. Year ----- 8. Water Area----- (Ha) 9. Average Depth-----
-- (Meter)
9. Type of Culture (1) Exclusively shrimp/prawn (2) Mixed

10. Stocking of Fry/Juvenile

	Species	July - December		January - June		Total Tk.
		Number	Size (cm)	Number	Size (cm)	
Shrimp/ Prawn	(1) Bagda					
	(2) Harina					
	(3) Chaka					
	(4) Galda					
	(5) Natural Imput					
	Shrimp/Prawn Total					
Fish	(6) Rui					
	(7) Catla					
	(8) Mrigal					
	(9) Kalibaus					
	(10) Bata					
	(11) Ghonia					
	(12) Silver Carp					
	(13) Grass Carp					
	(14) Mirror/Common Carp					
	(15) Other Exotic Carp					
	(16) Pangas					
	(15) Koi/Shingi/Magur					
	(16) Tilapia					
(17) Thai Punti						
(18) Others						
Fish Total						

MONTHLY CATCH ASSESSMENT SURVEY OF SHRIMP/PRAWN FARM

Form-2

Sp. Code	Species	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total	Av. Price
		Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Tk
1	Bagda														
2	Harina														
3	Chaka														
4	Galda														
5	Other Shrimp/Prawn														
	Shrimp/Prawn Total =														
6	Rui														
7	Catla														
8	Mrigal														
9	Kalibaus														
10	Bata														
11	Ghonia														
12	Silver Carp														
13	Grass Carp														
14	Mirror/Common Carp														
15	Other Exotic Carp														
16	Pangas														
17	Boal/Air														
18	Shol/ Gazar/Taki														
19	Koi/														
20	Singi/ Magur														
21	Tilapia/Nilotica														
22	Thai Sharputi														
23	Other Fish														
	FishTotal =														
	Grand Total =														

Total Production----- MT

Production per Ha-----MT/Ha

Signature

CATCH ASSESSMENT SURVEY OF SUBSISTENCE FISHING

1. District-----Code Year----- Month-----
2. Upazila----- 3. Union-----
4. Village----- Name of Officer-----
5. Name of head of household----- 6. Number of members of household
7. Number of total catcher 8. Number of adult catcher
9. Number of children catcher (under 12 years)

10. Monthly data on subsistence fishing

Month (Delete unused)		July/ January	August/ February	September/ March	October/ April	November/ May	December/ June	
Caught fish Yes/No								
Fishing ground								
Type of gear								
Number of fishing days								
Average number of catchers								
Species Code	Catch in previous fishing day by species	kg	kg	kg	kg	kg	kg	Total
01	Rui							
02	Catla							
03	Mrigal							
04	Kalibaus							
05	Bata							
06	Ghonia							
07	Silver Carp							
08	Grass Carp							
09	Mirror/Common Carp							
10	Other Exotic Carp							
11	Pangas							
12	Boal/Air							
13	Shol/ Gazar/Taki							
14	Koi							
15	Singi/ Magur							
16	Big shrimp/prawn							
17	Small shrimp/prawn							
18	Tilapia/Nilotica							
19	Sarpunti/Thai Sharpunti							
20	Other Inland Fish							
Total								

Fishing Ground: Large river, small river, pond, beel, baor, canal, ditch, swamp, paddy field or flood water.

Signature

Baor Fisheries :

Baor-1

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System
Department of Fisheries

CATCH ASSESSMENT SURVEY OF BAOR

1. District-----Code
2. Upazila----- Year -----

3. Name of Baor----- Name of Officer-----

4. Name of Organization/ Manager-----
5. Water Area in 1st January ----- (Ha) 6. Average Depth-----ft
7. Management by : Government./Private

9. Stocking of Fry/Fingerlings

Species	July - December		January - June		Total Tk.
	Number	Size (cm)	Number	Size (cm)	
Rui					
Catla					
Mrigal					
Kalibaus					
Bata					
Silver Carp					
Grass Carp					
Mirror/Common Carp					
Pangas					
Koi/Shingi/Magur					
Galda/Bagda					
Tilapia					
Thai Punti					
Others					
Total					

CATCH ASSESSMENT SURVEY OF BAOR (Monthly Catch)

Baor-2

Sp. Code	Species	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total	Av. Price
		Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Tk
01	Rui														
02	Catla														
03	Mrigal														
04	Kalibaus														
05	Bata														
06	Ghonia														
07	Silver Carp														
08	Grass Carp														
09	Mirror/Common Carp														
10	Other Exotic Carp														
11	Pangas														
12	Boal/Air														
13	Shol/ Gazar/Taki														
14	Koi														
15	Singi/ Magur														
16	Big shrimp/prawn														
17	Small shrimp/prawn														
18	Tilapia/Nilotica														
19	Sarpunti/Thai Sharpunti														
20	Other Inland Fish														
	Total														

Production per Ha-----Kg/Ha

Signature

Seasonal Cultured Waterbody :

SCW-1

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System
Department of Fisheries

CATCH ASSESSMENT SURVEY OF SEASONAL CULTURED WATER BODY

1. District-----Code 2.. Upazila-----

--

3. Name of Waterbody----- Name of Officer -----

4. Village-----5. Type of water body (a) Floodplain (b) Paddy Field (c) Boropit (d) Polder

6. Water Area ----- (Ha) 7. Average Depth ----- ft

8. Name of Owner/Farm----- Year -----

--

9. Stocking of Fry/Fingerlings

Species	July - December		January - June		Total Tk.
	Number	Size (cm)	Number	Size (cm)	
Rui					
Catla					
Mrigal					
Kalibaus					
Bata					
Silver Carp					
Grass Carp					
Mirror/Common Carp					
Pangas					
Koi/Shingi/Magur					
Galda/Bagda					
Tilapia					
Thai Punti					
Others					
Total					

CATCH ASSESSMENT SURVEY OF SEASONAL CULTURED WATER BODY (Monthly Catch)

(SCW-2)

Sp. Code	Species	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total	Av. Price
		Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Tk
01	Rui														
02	Catla														
03	Mrigal														
04	Kalibaus														
05	Bata														
06	Ghonia														
07	Silver Carp														
08	Grass Carp														
09	Mirror/Common Carp														
10	Other Exotic Carp														
11	Pangas														
12	Boal/Air														
13	Shol/ Gazar/Taki														
14	Koi														
15	Singi/ Magur														
16	Big shrimp/prawn														
17	Small shrimp/prawn														
18	Tilapia/Nilotica														
19	Sarpunti/Thai Sharpunti														
20	Other Inland Fish														
	Total														

Production per Ha-----Kg/Ha

Signature

Pen and Cage Culture :

PC-1

Government of the People's Republic of Bangladesh
Fisheries Resources Survey System
Department of Fisheries

CATCH ASSESSMENT SURVEY OF Pen and Cage Culture

1. District-----Code 2.. Upazila-----
3. Name of Waterbody----- Name of Officer -----
4. Village----- 5. Water Area ----- (Ha) 6. Average Depth -----
--ft
7. Name of Owner/Farm----- Year -----

8. Type of Fish Culture : Pen / Cage Culture

9. Stocking of Fry/Fingerlings

Species	July - December		January - June		Total Tk.
	Number	Size (cm)	Number	Size (cm)	
Rui					
Catla					
Mrigal					
Kalibaus					
Bata					
Silver Carp					
Grass Carp					
Mirror/Common Carp					
Pangas					
Koi/Shingi/Magur					
Galda/Bagda					
Tilapia					
Thai Punti					
Others					
Total					

CATCH ASSESSMENT SURVEY OF SEASONAL CULTURED WATER BODY (Monthly Catch)

PC-1

Sp. Code	Species	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total	Av. Price
		Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Tk
01	Rui														
02	Catla														
03	Mrigal														
04	Kalibaus														
05	Bata														
06	Ghonia														
07	Silver Carp														
08	Grass Carp														
09	Mirror/Common Carp														
10	Other Exotic Carp														
11	Pangas														
12	Boal/Air														
13	Shol/ Gazar/Taki														
14	Koi														
15	Singi/ Magur														
16	Big shrimp/prawn														
17	Small shrimp/prawn														
18	Tilapia/Nilotica														
19	Sarpunti/Thai Sharpunti														
20	Other Inland Fish														
	Total														

Production per Ha-----Kg/Ha

Signature

Marine Industrial Fisheries (Trawlers) :

Form - MI-1

Government of Bangladesh
Marine Fisheries Department
Department of Fisheries
Agrabad, Chittagong.

Inspection/Observation Report of Sea Fishing Trawlers.
(Official use only)

Date of inspection.....

1. Name of the Trawler inspected
2. Name and address of the owner/Company:
3. Type of trawler: Shrimp trawler/Fish trawler/Mixed trawler
4. Gross tonnage :M. tons. 5. Whether possessing valid fishing license: Yes/No.

OBSERVATION

6. (a) Date of departure for the last fishing trip:.....
(b) Date of arrival from the last fishing trip:
7. Number of actual fishing days: (9) Fishing ground :
8. Average number of hauls per day :..... Latitude..... N.
Average hours of each haul LongitudeE.
10. Catch data of the last fishing trip :

(a) Shrimp

(b) Fish

Species	Weight in Kg.	
	H. L.	H.O.
Tiger shrimp		
White shrimp		
Pink shrimp		
Brown shrimp		
Small shrimp		
Lobster		
Shrimp total		

Species	Weight in Kg.
Pomfret	
Jew fish	
Indian salmon	
Snapper	
Grunt	
Flat/sole fish	
Cat fish	
Mackeral	
Tuna	
Sharks/rays	
Squids/Cuttle fish	
Others	
Fish total	

11. Number of shrimp nets used
Mesh size at cod-end.....mm
Number of fish nets used.....
Mesh size at cod-end:.....mm.

Length of head rope.....

Gear used: Single/double.

12. Number of Officers and crew on board:

	<u>Local</u>	<u>Foreign</u>
Officer
Crew
Total

13. Expect date of departure for the next fishing trip.....

14. Remarks:

officer:

Name and signature of inspecting

Date:

Government of Bangladesh
Marine Fisheries Department
Department of Fisheries
Agrabad, Chittagong.

Fishing Trip Survey of Trawlers

Year

Company.....

Period of Trips					
Name of Vessel					
Type of Fishing					
July					
August					
September					
October					
November					
December					
January					
February					
March					
April					
May					
June					

Remarks :

1. Period of Trips = Date of Departure - Date of Arrival
2. Period of each trip is to be recorded in the column of the month of the date of arrival.
3. Period July 5 - July 15 is to be recorded as 5/7 - 15/7.

Government of Bangladesh
 Marine Fisheries Department
 Department of Fisheries
 Agrabad, Chittagong.

Tabulation Form of Inspection/Observation Report of Sea Trawlers

Month Type of Fishing

Name of Vessel							
Name of Company							
Date of Departure							
Date of Arrival							
No. of Fishing days							
Fishing La. ground Ln.							
Shrimp catch (Kg.)							
Tiger Shrimp							
White Shrimp							
Pink Shrimp							
Brown Shrimp							
Lobster							
Other shrimp							
Shrimp Total							
Fish Catch (kg)							
Pomfret							
Jew Fish							
Indian Salmon							
Snapper							
Grant							
Flat/solo fish							
Cat fish							
Mackerel							
Tuna							
Sharks/rays							
Squids/Cuttlefish							
Others							
Fish Total							
Grand Total							

Government of Bangladesh
Marine Fisheries Department
Department of Fisheries
Agrabad, Chittagong.

Monthly/Annual Total Catch of Tralers

Month/Year :

Type of Fishing	Shrimp Trawlers	Fish Trawlers	Mixed Trawlers	Total
No. of Trips				
No. fishing days				
Shrimp catch (Kg.)				
Tiger Shrimp				
White Shrimp				
Pink Shrimp				
Brown Shrimp				
Lobster				
Other shrimp				
Shrimp Total				
Fish Catch (kg)				
Pomfret				
Jew Fish				
Indian Salmon				
Snapper				
Grant				
Flat/solo fish				
Cat fish				
Mackerel				
Tuna				
Sharks/rays				
Squids/Cuttlefish				
Others				
Fish Total				
Grand Total				

Remarks :

1. Data by types of fishing are to be transcribed from the total column of the Tabulation Form (Form - MI-3).
2. Annual total catch are to be calculated by accumulating monthly total catch data.

Marine Artisanal Fisheries :

Form : MA - 1

Government of Bangladesh
Marine Fisheries Department
Department of Fisheries
Agrabad, Chittagong.

Catch Assessment Survey of Marine Artisanal Fisheries

Fishing Units Record

District :

Date :

.....
Upazila :

Name of Officer

.....
Fishing Village

Name of Gear Used			No. of Fishing Units Operated	No. of Sample Fishing Units
Local name	Type	Code		

Note : A minimum unit for operating fishing of a type of fishing gear, usually consisting of a combination of a fishing boat, fishing gear and fishermen.

Government of Bangladesh
 Marine Fisheries Department
 Department of Fisheries
 Agrabad, Chittagong.

Sample Catch Record Marine Artisanal Fisheries

District :

Date :

Upazila :

Name of Officer

Landing Center or Fishing Village

Type of gear used	<input type="text"/>	No. of all landings	<input type="text"/>	No. of Sample landings	<input type="text"/>
Serial No.					Producer's price in Tk/Kg
No. of fishermen on board					
Fishing boat moterized/n.mot.					
Local name of gear used					
No. of days of this trip					
No. of trips during past 15 days					
No. of days on the sea during past 15 days					
No. of setbag nets					
Catch by species	Kg.	Kg.	Kg.	Kg.	Kg.
Hilsa					
Bombay Duck					
Indian salmon					
Pomfret					
Sharks & rays					
Jew fish					
Snapper					
Mackerel					
(Specify) :					
Small shrimp					
Micellaneous					
Total					

District-wise Annual Catch of Marine Fisheries (Year : _____)

Form : MA - 3

Sl. No.	District	Trawl Fishing				Artisanal Fishing				Total			
		Shrimp	Hilsa	Other Fish	Total	Shrimp	Hilsa	Other Fish	Total	Shrimp	Hilsa	Other Fish	Total
1	Bagerhat												
2	Khulna												
3	Satkhira												
	Khulna Division												
4	Barguna												
5	Barisal												
6	Bhola												
7	Jhalokathi												
8	Patuakhali												
	Pirojpur												
	Barisal Division												
10	Chittagong												
11	Cox's Bazar												
12	Feni												
13	Laksmipur												
14	Noakhali												
	Ctg. Division												
	TOTAL												

Signature

Compilation_Data :

Chart - 1

FRSS Chart-1
Sector-wise Annual Fish Production in Open Water for ----- (year)

Name of District :

Area in Hectare

Production in Metric Ton

Sl. No.	Name of Upazila	Area in Hectare					Production in Metric Ton											Total Production (4+5+6+7+9+11+13+15+18)	
		River		Marine			Beel				Haor		Floodplain						
		Area	Production		Production			Natural		Under Beel Nursery Program		Area	Prod.	Natural		Under fry released Program			
Hilsa	Other Fish		Hilsa	Other Fish	Area	Prod.	Area	Prod.	Area	Prod.	Area			Prod.	No of Fry Released (Lakh)	Prod.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
	Total																		

Signature

Compilation_Data :

Chart - 2

FRSS Chart-2

Annual Fish Production in Pond Culture for ----- (year)

Name of District:

Area in Hectare

Production in Metric Ton

Sl. No.	Name of Upazila	Pond																		
		*Culture Method												Derelict Pond			Total			
		Extensive <1.5MT/Ha			Semi-intensive 1.5-4.0 MT/Ha			Intensive 4>-10 MT/Ha			Highly Intensive 10> MT/Ha									
		No.	Area	Prod.	No.	Area	Prod.	No.	Area	Prod.	No.	Area	Prod.	No.	Area	Prod.	No.	Area	Prod.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	Total																			

***Culture Method:**

1) Extensive

2) Semi-intensive

3) Intensive

< 1.5 MT/Ha

1.5 - 4.0 MT/Ha

4.0> - 10.0 MT/Ha

4) Highly Intensive

10.0>

MT/Ha

Signature

Compilation_Data :

Chart - 3

FRSS Chart-3
Sector-wise Annual Fish Production in Other Closed Water for ----- (year)

Name of District:

Area in Hectare

Production in Metric Ton

Sl. No.	Name of Upazila	Shrimp/Prawn Farm											Fish Culture in Floodplain/Paddy Field		Boropit/Polder/Creek		Baor		Cage Culture			Pan Culture		Total Prod (13+15 + 17+19 + 22+24)
		Golda Farm				Bagda Farm					Total						Area	Pro.	No	Av. area/Cage (Sq. meter)	Pro.	Area	Pro.	
		Area	Production			Area	Production				Area	Prod.												
			Golda	Other Shrimp	Fish		Bagda	Golda	Other Shrimp	Fish							Area	Pro.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Total																							

Signature

Persons Involved in Preparation of the Yearbook

Dr. G. M. Shamsul Kabir	Assistant Chief Department of Fisheries
Kazi Sayful Haque	Research Officer Department of Fisheries
Afsa Noor	Scientific Officer Department of Fisheries
Kazi Mofizul Hoque	Statistical Officer Department of Fisheries
Razia Sultana	Research Officer Department of Fisheries
Halima Akhter	Cartographer Department of Fisheries
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গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
বাংলাদেশ পরিসংখ্যান ব্যুরো
সেকেন্স উইং
পরিসংখ্যান ভবন, ই-২৭/এ, আগারগাঁও, ঢাকা-১২০৭

নং: ৫২.০১.০০০০.৪০০.১৬.০৩৬.১৬. ২৫০

তারিখ: ০১ আষাঢ়, ১৪২৪
১৫ জুন, ২০১৭

বিষয়: পরিসংখ্যান আইন, ২০১৩ অনুযায়ী মৎস্য অধিদপ্তরের "Yearbook of Fisheries Statistics 2015-16"
শীর্ষক পুস্তিকা প্রকাশে শর্তসাপেক্ষে অনাপত্তি প্রদান।

সূত্র: মৎস্য অধিদপ্তরের-এর পত্র নং- ৩৩.০২.০০০০.১২৫.৬৭.০০১.০৮.৭৭ তারিখ: ০৪/০৫/২০১৭ খ্রি।

উপর্যুক্ত বিষয় ও সূত্রস্থ পত্রের পরিপ্রেক্ষিতে মৎস্য অধিদপ্তর কর্তৃক প্রস্তুতকৃত "Yearbook of Fisheries Statistics 2015-16" শীর্ষক প্রতিবেদনটি প্রকাশের নিমিত্ত এতদসঙ্গে সংযুক্ত ফরম-২ অনুযায়ী শর্তসাপেক্ষে অনাপত্তি প্রদান করা হলো।

সংযুক্তি: ফরম-২।

মহাপরিচালক
মৎস্য অধিদপ্তর
বাংলাদেশ, ঢাকা।


মো. আমীর হোসেন
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অনুলিপি (সদয় জ্ঞাতার্থে):

- ১। সচিবের একান্ত সচিব, পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগ, পরিসংখ্যান ভবন, ঢাকা।
- ২। অফিস কপি।

ফরম-২
গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পরিকল্পনা মন্ত্রণালয়
পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগ
বাংলাদেশ পরিসংখ্যান ব্যুরো

সংস্থা কর্তৃক পরিসংখ্যান প্রস্তুত ও প্রকাশের জন্য বাংলাদেশ পরিসংখ্যান ব্যুরোর অনাপত্তি

পরিসংখ্যান আইন, ২০১৩ (২০১৩ সনের ১২ নং আইন) এর ধারা ১১ এর উদ্দেশ্য পূরণকল্পে উক্ত আইন এবং এতদসংক্রান্ত বিধি ও নীতিমালা অনুযায়ী নিম্নবর্ণিত শর্তসাপেক্ষে মৎস্য অধিদপ্তর কর্তৃক প্রস্তুতকৃত "Yearbook of Fisheries Statistics 2015-16" শীর্ষক প্রতিবেদন প্রকাশের নিমিত্ত অনাপত্তি প্রদান করা হলো।

শর্তসমূহঃ

- (১) প্রতিবেদনটি "Fisheries Statistical Report of Bangladesh 2015-16"-এর পরিবর্তে Yearbook of Fisheries Statistics 2015-16 শিরোনামে প্রকাশ করতে হবে;
- (২) রিপোর্টে Methodology, Concepts & Definitions, বিভিন্ন বছরের তুলনামূলক উপাত্তসহ Key Findings, Executive Summary এবং Annexure-এ তথ্য সংগ্রহের ফরম/প্রশ্নপত্র সংযুক্ত করতে হবে;
- (৩) তথ্য সংগ্রহের ক্ষেত্রে Fixed day-এর Replacement-এর বিষয়টি ফুট নোট আকারে উল্লেখ করতে হবে;
- (৪) প্রতিবেদনটিকে Survey Report-এর পরিবর্তে Yearbook হিসেবে প্রকাশ করতে হবে;
- (৫) অব্যাহতে তথ্য সংগ্রহের পূর্বেই অনাপত্তি গ্রহণের জন্য আবেদন করতে হবে;
- (৬) রিপোর্ট প্রদানে তথ্য সংগ্রহ থেকে ত্রুটি করে প্রতিবেদন প্রস্তুত পর্যন্ত পেশাদারিত্ব নিশ্চিত করতে বিশেষজ্ঞ সংশ্লিষ্টতা নিশ্চিত করতে হবে; এবং
- (৭) তথ্য সংগ্রহের পূর্বে প্রতিবছর তথ্য সংগ্রহকারীদের যথাযথ প্রশিক্ষণ প্রদান নিশ্চিত করতে হবে।


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গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
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নং ৫২.০২.০০০০.৪০০.১৬.০৩৬.১৬. ২৫২

তারিখ: ০১ আষাঢ়, ১৪২৪
১৪ জুন, ২০১৭

বিষয়: ০৪/০৬/২০১৭ খ্রি. তারিখে অনুষ্ঠিত "Fisheries Statistical Report of Bangladesh 2015-16" পুস্তিকা প্রকাশে অনাপত্তি প্রদান বিষয়ে জরিপ/শুমারি প্রস্তাব পরীক্ষা, অনুমোদন ও পরিবীক্ষণ কমিটির সভার কার্যবিবরণী।

- ১.১ সভার তারিখ ও সময় : ০৪ জুন, ২০১৭ সময়: সকাল ১০:০০ টা।
- ১.২ সভার স্থান : মহাপরিচালক মহোদয়ের সভাকক্ষ, পরিসংখ্যান ভবন।
- ১.৩ সভাপতি : মো. আমীর হোসেন, মহাপরিচালক, বাংলাদেশ পরিসংখ্যান ব্যুরো।
- ১.৪ সভায় উপস্থিত সদস্যগণের তালিকা পরিশিষ্ট-ক'-তে সংযুক্ত করা হলো।

২.০। সভার শুরুতে সভাপতি উপস্থিত সকল সদস্যকে স্বাগত জানিয়ে সভার কার্যক্রম শুরু করেন। তিনি সভার কার্যসূচি উপস্থাপন ও সে অনুযায়ী সভা পরিচালনার জন্য জরিপ/শুমারি প্রস্তাব পরীক্ষা, অনুমোদন ও পরিবীক্ষণ কমিটির সদস্য-সচিব কে অনুরোধ জানান। সদস্য-সচিব ও পরিচালক, সেঙ্গাস উইং সকলকে অবগত করেন যে, মৎস্য ও প্রাণিসম্পদ মন্ত্রণালয়ের আওতাধীন মৎস্য অধিদপ্তরের মৎস্য সম্পদ জরিপ পদ্ধতি অধিশাখা কর্তৃক প্রস্তুতকৃত "Fisheries Statistical Report of Bangladesh 2015-16" শীর্ষক প্রতিবেদনটি প্রকাশের নিমিত্ত অনাপত্তি প্রদানের অনুরোধ করে নির্ধারিত ফরম-১ এর মাধ্যমে আবেদন জানানো হয়েছে। পরিসংখ্যান আইন, ২০১৩ এর ধারা ১১-এ বিধিত রয়েছে যে, ব্যুরো যে সকল বিষয়ে পরিসংখ্যান প্রণয়ন করে না সে সকল বিষয়ে, অন্য কোন মন্ত্রণালয়, বিভাগ বা উহাদের অধীনস্থ দপ্তর, অধিদপ্তর বা সংস্থা, ব্যুরো কর্তৃক প্রণীত নীতিমালা অনুসরণক্রমে এবং বিধি দ্বারা নির্ধারিত পদ্ধতিতে ও সময়ে ব্যুরোর অনাপত্তি গ্রহণপূর্বক পরিসংখ্যান প্রস্তুত ও প্রকাশ করতে পারবে। 'সংস্থা' কর্তৃক পরিসংখ্যান প্রস্তুত ও প্রকাশ নীতিমালা, ২০১৬'-এর অনুচ্ছেদ-৬ অনুযায়ী বিভিন্ন সংস্থা কর্তৃক শুমারি ও জরিপ কাজের জন্য দাখিলকৃত প্রস্তাব পরীক্ষা-নিরীক্ষাপূর্বক সুপারিশ প্রদানের জন্য 'জরিপ/শুমারি প্রস্তাব পরীক্ষা, অনুমোদন ও পরিবীক্ষণ কমিটি'-এর সভা আহ্বান করার নির্দেশনা রয়েছে। বর্ণিতব্য, মৎস্য অধিদপ্তরের কর্তৃক প্রস্তুতকৃত "Fisheries Statistical Report of Bangladesh 2015-16" শীর্ষক প্রতিবেদনটি প্রকাশে অনাপত্তি প্রদান বিষয়ে বিস্তারিত আলোচনাপূর্বক সিদ্ধান্ত গ্রহণ করা প্রয়োজন। তিনি এ পর্যায়ে সভাপতির অনুমতিক্রমে সভায় উপস্থিত মৎস্য অধিদপ্তরের প্রতিনিধি কে "Fisheries Statistical Report of Bangladesh 2015-16" শীর্ষক প্রতিবেদন বিষয়ে বিস্তারিত উপস্থাপনা প্রদানের অনুরোধ জানান। অতঃপর সভায় মৎস্য অধিদপ্তরের প্রতিনিধি "Fisheries Statistical Report of Bangladesh 2015-16" শীর্ষক প্রতিবেদন-এর Methodology, Objective, Questionnaire, Data collection এবং Analysis প্রক্রিয়া সম্পর্কে বিস্তারিত উপস্থাপনা প্রদান করেন। এ পর্যায়ে সভায় উপস্থিত সদস্যগণ উপস্থাপিত প্রতিবেদনের বিভিন্ন বিষয় সম্পর্কে আলোচনাপূর্বক মতামত ও পরামর্শ প্রদান করেন।

৩.০। আলোচনা:

৩.১। আলোচনায় অংশ নিয়ে ড. এম. ফুৎফর রহমান, সহযোগী অধ্যাপক, আইএসআরটি, ঢাকা বিশ্ববিদ্যালয় প্রতিবেদনটিতে জরিপ ছাড়াও অন্যান্য প্রশাসনিক পদ্ধতিতে সংগৃহীত তথ্য সন্নিবেশ করার কারণে যৌক্তিকতা তুলে ধরে এটিকে Survey Report না বলে Yearbook of Fisheries Statistics বলা উচিত হবে মর্মে মত ব্যক্ত করেন। তিনি প্রতিবেদন প্রস্তুতে যারা সম্পৃক্ত ছিলেন সে সকল Key Person-দের একটি তালিকা রিপোর্টের Annex-এ সংযুক্ত করার বিষয়ে মত প্রকাশ করেন। একইসাথে তিনি গুরুত্বপূর্ণ এ কার্যক্রমে পেশাদারিত্ব নিশ্চিত করতে তথ্য সংগ্রহ থেকে শুরু করে প্রতিবেদন প্রস্তুতের কাজটি একজন বিশেষজ্ঞের তত্ত্বাবধানে সম্পন্ন করা প্রয়োজন বলে মত ব্যক্ত করেন।

৩.২। এ পর্যায়ে পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগের প্রতিনিধি বলেন, রিপোর্টে Methodology অংশই থাকতে হবে সেই সাথে তথ্য সংগ্রহের ক্ষেত্রে Fixed day-এর Replacement-এর বিষয়টি ফুট নোট আকারে দিতে হবে। জনাব কিধন বড়াল, পরিচালক, বিবিএস

রিপোর্টে Executive Summary সংযুক্ত করা প্রয়োজন বলে মত ব্যক্ত করেন। তিনি আরও বলেন, বর্তমানে নমুনায়নের জন্য যে ফ্রেম ব্যবহার করা হচ্ছে তা ১৯৮৩ সালে প্রস্তুত করা। এটি সময়ের নিরিখে হালনাগাদের প্রয়োজনীয়তা রয়েছে। কৃষি শুমারি ২০১৮ পরবর্তী সময়ে মৎস্য অধিদপ্তর তথা সংগ্রহের ক্ষেত্রে বিবিএস-এর Frame ব্যবহার করে নমুনায়ন করলে তথ্যের প্রতিনিধিত্বশীলতা বৃদ্ধি পাবে।

৩.৩। আলোচনায় অংশ নিয়ে উপপরিচালক (ডাটা ম্যানেজমেন্ট), সেপাস উইং, বিবিএস সভার মূঠী আকর্ষণ করেন যে, আইন ও বিধি অনুযায়ী তথা সংগ্রহের পূর্বেই বিবিএস-এর অনাপত্তি গ্রহণের বিধান রয়েছে, রিপোর্ট প্রকাশের পূর্বে নয়। ভবিষ্যতে তথা সংগ্রহের পূর্বেই বিবিএস-এর অনাপত্তি গ্রহণ করা উচিত হবে বলে তিনি মত ব্যক্ত করেন। এছাড়াও তিনি রিপোর্টে Methodology, Concepts & Definitions, বিভিন্ন বছরের তুলনামূলক উপাত্তসহ Key Findings এবং রিপোর্টের Annexure-এ তথা সংগ্রহের ফরম/প্রশ্নপত্র সংযুক্ত করার বিষয়ে মত দেন।

৩.৪। সদস্য-সচিব সভাকে অবহিত করেন যে, সভায় Sampling বিশেষজ্ঞ হিসেবে ড. সৈয়দ সাহাদৎ হোসেন, প্রফেসর, আইএসআরটি, ঢাকা বিশ্ববিদ্যালয়-এর উপস্থিত থাকার কথা থাকলেও শারীরিক অসুস্থতার কারণে উপস্থিত হতে পারেননি। তবে তিনি টেলিফোনে আলোচ্য রিপোর্ট পর্যালোচনাপূর্বক তাঁর মতামত ব্যক্ত করেছেন। তিনি প্রতিবেদনটিকে Survey Report-এর পরিবর্তে Administrative Report বলার বিষয়ে মত দিয়েছেন পাশাপাশি প্রতিবেদনটির নাম "Fisheries Statistical Report of Bangladesh 2015-16"-এর পরিবর্তে Yearbook of Fisheries Statistics 2015-16 করার বিষয়ে পরামর্শ দিয়েছেন মর্মে সভাকে অবহিত করেন। এবিষয়ে সভায় উপস্থিত সদস্যগণ একমত পোষণ করেন।

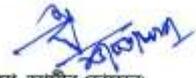
৩.৫। সভার সদস্যগণের আলোচনা হতে প্রাপ্ত মতামত ও সুপারিশসমূহ পর্যালোচনাপূর্বক মৎস্য অধিদপ্তর-কে নিম্নোক্ত সুপারিশসমূহ বাস্তবায়ন সাপেক্ষে অনাপত্তি দেয়া যেতে পারে বলে সভায় সর্বসম্মত সিদ্ধান্ত গৃহীত হয়।

৪.০। সিদ্ধান্তসমূহ:

সভায় নিম্নবর্ণিত সিদ্ধান্তসমূহ বাস্তবায়ন সাপেক্ষে প্রস্তুতকৃত "Fisheries Statistical Report of Bangladesh 2015-16" প্রকাশে অনাপত্তি প্রদানে সর্বসম্মতিক্রমে সুপারিশ করা হয়:

- (১) প্রতিবেদনটি "Fisheries Statistical Report of Bangladesh 2015-16"-এর পরিবর্তে Yearbook of Fisheries Statistics 2015-16 শিরোনামে প্রকাশ করতে হবে;
- (২) রিপোর্টে Methodology, Concepts & Definitions, বিভিন্ন বছরের তুলনামূলক উপাত্তসহ Key Findings, Executive Summary এবং Annexure-এ তথা সংগ্রহের ফরম/প্রশ্নপত্র সংযুক্ত করতে হবে;
- (৩) তথা সংগ্রহের ক্ষেত্রে Fixed day-এর Replacement-এর বিষয়টি ফুট নোট আকারে উল্লেখ করতে হবে;
- (৪) প্রতিবেদনটিকে Survey Report-এর পরিবর্তে Yearbook হিসেবে প্রকাশ করতে হবে;
- (৫) ভবিষ্যতে তথা সংগ্রহের পূর্বেই অনাপত্তি গ্রহণের জন্য আবেদন করতে হবে;
- (৬) রিপোর্ট প্রণয়নে তথা সংগ্রহ থেকে শুরু করে প্রতিবেদন প্রস্তুত পর্যন্ত পেশাদারিত্ব নিশ্চিত করতে বিশেষজ্ঞ সংশ্লিষ্টতা নিশ্চিত করতে হবে; এবং
- (৭) তথা সংগ্রহের পূর্বে প্রতিবছর তথা সংগ্রহকারীদের যথাযথ প্রশিক্ষণ প্রদান নিশ্চিত করতে হবে।

৫.০। সভার আর কোন আলোচ্য বিষয় না থাকায় সভাপতি সকল সদস্যকে ধন্যবাদ জানিয়ে সভার সমাপ্তি ঘোষণা করেন।


(মো. আমীর হোসেন)
সভাপতি
ও
মহাপরিচালক, বিবিএস

বিতরণ (জ্যেষ্ঠতার ক্রমানুসারে নয়):

১. সদস্য, সাধারণ অর্থনীতি বিভাগ, পরিকল্পনা কমিশন, শেরে বাংলা নগর, ঢাকা।
২. সচিব, মৎস্য ও প্রাণিসম্পদ মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।