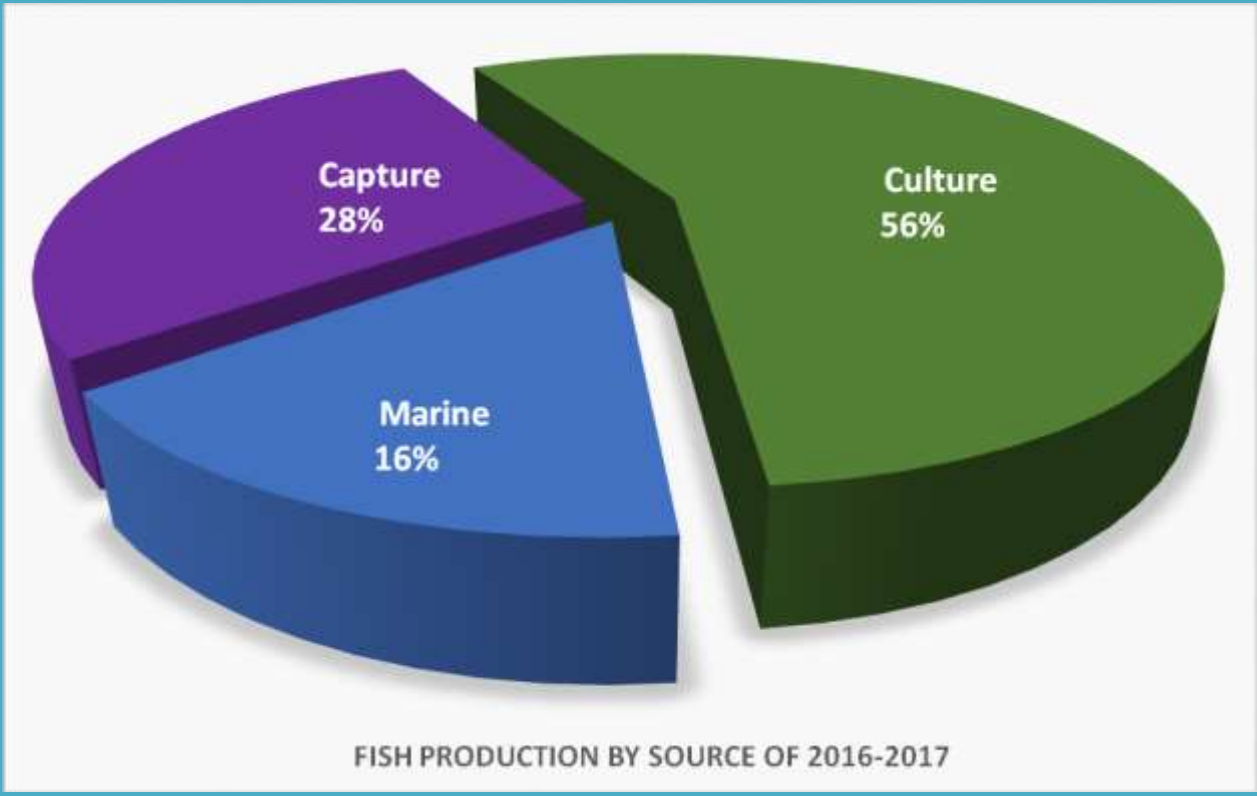
YEARBOOK OF
FISHERIES STATISTICS OF BANGLADESH
2016-17



FISH PRODUCTION BY SOURCE OF 2016-2017

Department of Fisheries Bangladesh
Ministry of Fisheries and Livestock
Government of the People's Republic of Bangladesh

YEARBOOK OF
FISHERIES STATISTICS OF BANGLADESH
2016-17

December, 2017

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

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Acronyms

BBS Bangladesh Bureau of Statistics

BFDC Bangladesh Fisheries Development Corporation

CWB Cultured Waterbody

DoF Department of Fisheries

FAO Food and Agriculture Organization

FD Forest Department

FY Fyscal Year

FRSS Fisheries Resources Survey System

GAP Good Aquaculture Practice

GDP Gross Domestic Product

GI Geographical Indicator

GO Government Organisation

Ha Hectare

HACCP Hazard Analysis Critical Control Point

NFS National Fisheries Strategy

NFP National Fisheries Policy

NGO Non Government Organisation

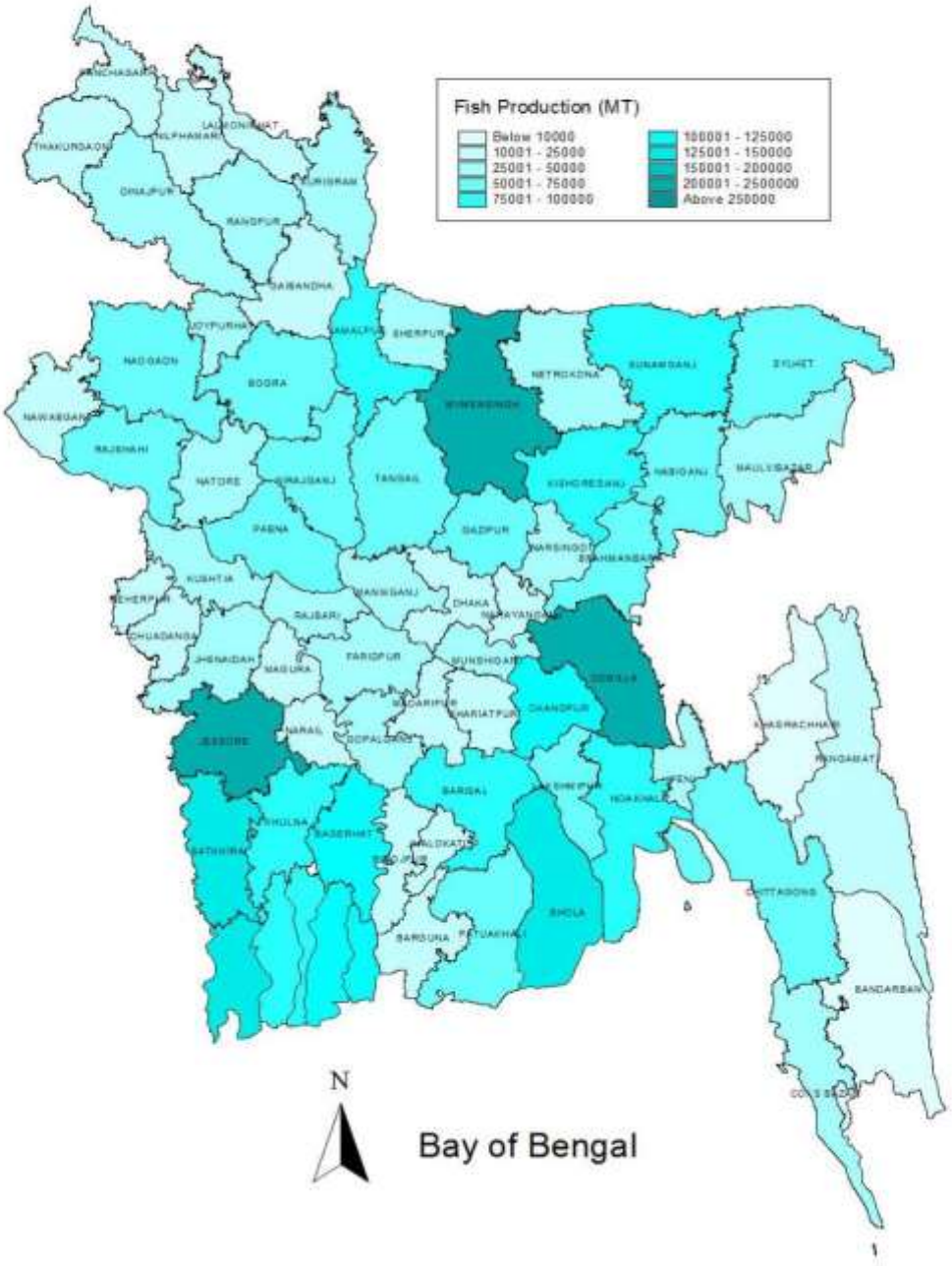
NoC No Objection Certificate

MT Metric Ton

Kg Kilogram

PL Post Larvae

District wise Total Fish Production in Inland Water of Bangladesh 2016-2017



PREFACE

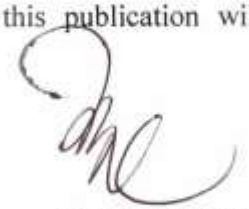
Bangladesh is one of the world's leading fish producing country with a total production of 4.134 million MT in FY 2016-17. Through this remarkable achievement Bangladesh, first time in the history, became a self-sufficient country in fish production proving 62.58 g of fish per person in daily dietery consumption. Last 10 years average growth performance of this sector is 5.42 percent, which seems quite consistent and encouraging. 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.

Yearbook of Fisheries Statistics of Bangladesh is articulated to provide statistical information of diversified fisheries resources and their contributions in total fisheries production for the FY 2016-17. Realizing the due importance and significance of fisheries data, best and sincere efforts have been given to furnish the latest and reliable information on different areas of fisheries production. This yearbook is used as a source of fisheries and aquaculture information for the planners, decision makers, researchers and development partners who are intended for the sustainable development of the fast-growing fisheries sector of Bangladesh. It is also expected that the yearbook might offer useful information to private entrepreneurs, government departments and non-government organizations.

This 34th edition is a distinctive yearly publication of Department of Fisheries (DoF) Bangladesh since 1983. Data accumulated in this publication has been collected following structured frame, comprising regular 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 tabular form in a possible simplest way following standard data processing tools. The valuable feedback from concerned agencies and persons has been accounted during overall data processing.

Fisheries sector related organizations, notably Bangladesh Fisheries Development Corporation (BFDC) and Bangladesh Forest Departyment (BFD), have continuosly providing valuable resource based fisheries production information to enrich the publication. It gives me immense pleasure in expressing my heartfelt gratitude to them for their valuable contributions. It also gives me great gratification to extend my sincere and deep thankfulness to Bangladesh Bureau of Statistics (BBS) for extending cooperation and precised advice, and also for issuing no objection certificate (NoC) for authenticating the yearbook as official statistics under Statistics Act, 2013. I would like to convey my thanks to my colleagues who have rendered valuable suggestion for improvement of the yearbook. Moreover, tireless effort of Fisheries Resources Survey System (FRSS) wing of DoF is also highly appreciated to make this publication attractive and useful.

Any comment and suggestion for further improvement of this publication will be highly appreciated.



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ACKNOWLEDGEMENTS

Yearbook of Fisheries Statistics of Bangladesh is a regular distinctive and 34th 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 and functional 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 expected that this yearbook of fisheries statistics would be valuable and useful for the planners, decision makers, development partners, students, researchers, private entrepreneurs, non-government organizations and related government departments who are intended for the advancement of fisheries sector and to plan appropriate management options for fisheries resources in Bangladesh.

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

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

I would like to express my cordial thanks to Bangladesh Bureau of Statistics for cooperation and precise advice. 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 Ministry of Fisheries and Livestock for their kind co-operation.

I would also like to express my pleasant 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. Any suggestion written or oral for any improvement of this yearbook will be highly appreciated and valued.

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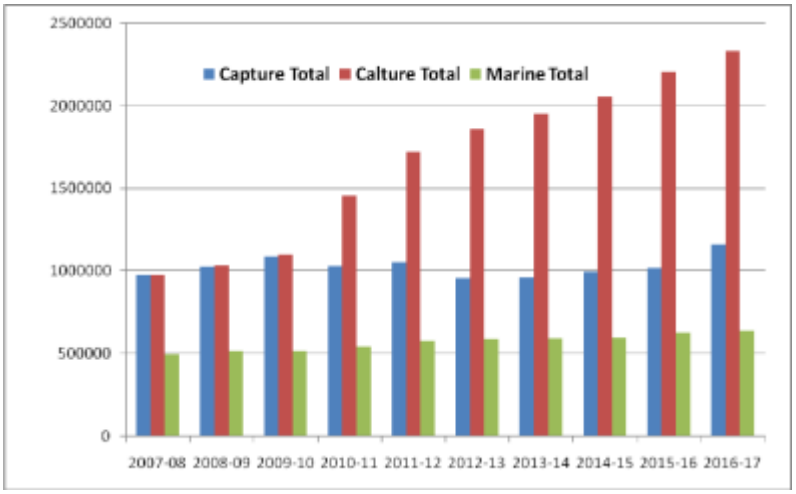
Executive Summary

Bangladesh is one of the world's leading fish producing countries with a total production of 41.34 lakh MT, where aquaculture contributes 56.44 percent to total production. Last 10 years average growth performance of this sector is almost 5.43 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.

Bangladesh has recorded surplus fish production with an annual output of 41.34 lakh MT against a demand of 40.50 lakh MT in 2016-17. Bangladesh has achieved self-sufficiency in fish production. The target of fish production was 40.50 lakh MT in 2016-17, but it crossed the target by producing 41.34 lakh MT fish in Bangladesh. It's a big achievement for the country.

This sector is contributing significantly in food security through proving safe and quality animal protein; almost 60 percent animal protein comes from fish. It contributes 3.61 percent to our national GDP and around one-fourth (24.41 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 2016-17, the country earns BDT 42876.40 million by exporting almost 68.31 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.



Last 10 years sector-wise fish production scenario

Over the last three decades, the fish production is increased more than five times (7.54 MT in 1983-84 to 41.34 lakh MT in 2016-17). 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 double (10.63 lakh MT in 2008-09 to 23.33 lakh MT in 2016-17). 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, pen and cage culture etc. covering an area of about 8.33 lakh ha and produces about 56.44 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.

Prawn farming by local beneficiaries

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 2016-17, inland capture fisheries contributes only 28.14 percent and inland culture fisheries contributes 56.44 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-bodies

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.

Cage farming in open water-bodies

To address the current challenges, several socio-eco-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, 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. About 12% 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.

National fish of Bangladesh hilsa, *T. ilisha*

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 4.96 lakh MT in 2016-17. Hilsa has been declared as Geographical Indicator (GI) for Bangladesh.

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 2.46 lakh MT in 2016-17. Different programs and development projects are also being implemented for the increased 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.

Nursery operation is popularizing in shrimp farming

Bangladesh possesses vast marine water resources. Despite the abundance of marine waters, only about 15.41% 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.

Training of beneficiaries

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.

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.

Key Findings

Sectors of Fisheries	2016-17			2015-16			Prod. increase	Growth Rate %
	Water Area (Ha)	*Prod. (MT)*	*Productivity (Kg/ Ha)*	*Water Area (Ha)*	*Prod. (MT)*	*Productivity (Kg/ Ha)*		
A. Inland Open Water (Capture)	**3927142**	**1163606**	**296**	**3918608**	**1048242**	**268**	**115364**	***11.01***
1. River and Estuary	853863	271639	318	853863	178458	209	93181	*52.21*
2. Sundarbans	177700	18086	102	177700	16870	95	1216	*7.21*
3. Beel	114161	98117	859	114161	95453	836	2664	*2.79*
(a) Natural	*101428*	*83178*	*821*	*101492*	*81338*	*801*	*1840*	*2.26*
(b) Beel Nursery	*12733*	*14939*	*1173*	*12669*	*14115*	*1114*	*824*	*5.84*
4. Kaptai Lake	68800	9982	145	68800	9589	139	393	*4.10*
5. Floodplain	2712618	765782	282	2704084	747872	277	17910	*2.39*
(a) Subsistence Fisheries	*2317175*	*622521*	*269*	*2317175*	*611334*	*264*	*11187*	*1.83*
(b) Fry Released Program	*166620*	*47178*	*283*	*158086*	*43121*	*273*	*4057*	*9.41*
(c) Haor	*228823*	*96083*	*420*	*228823*	*93417*	*408*	*2666*	*2.85*
B. Inland Close Water (Culture)	**833752**	**2333352**	**2799**	**795831**	**2203554**	**2877**	**129798**	***5.89***
6. Pond	384700	1833118	4765	372405	1719783	4618	113335	*6.59*
7. Seasonal cultured waterbody	136273	215547	1582	134876	207658	1539	7889	*3.80*
(a) Paddy Field/ Floodplain	*127638*	*200801*	*1573*	*126329*	*193191*	*1529*	*7610*	*3.94*
(b) Boropit	*8635*	*14746*	*1708*	*8547*	*14467*	*1692*	*279*	*1.93*
8. Baor	5488	8002	1458	5488	7729	1408	273	*3.53*
9. Shrimp/Prawn Farm	272717	246406	904	275509	239798	870	6608	*2.76*
(a) Shrimp/Prawn Production		*130296*	*478*		*125699*	*456*	*4597*	*3.66*
(b) Fish Production		*116110*	*426*		*114099*	*414*	*2011*	*1.76*
(c) Crab Production*	27010	14421	534	19408	13160	678	1260	*9.58*
10. Pen Culture	7564	13368	1767	7553	13364	1769	04	*0.03*
11. Cage Culture**	1.10 lakh cu. meter	2490	25 kg/cum	1.00 lakh cu. meter	2062	21 kg/cum	428	*20.76*
C. Marine Fisheries	-	**637476**	-	-	**626528**	-	**10948**	***1.75***
12. Industrial		108479			105348		3131	2.97
13. Artisanal		528997			521180		7817	1.50
Total Fish Production		**4134434**			**3878324**		**256110**	***6.60***
Production of Selected Species								
Hilsa Production (MT)	-	496417	-	-	394951	-	101466	*25.69*
Shrimp/Prawn Production (MT)	-	246406	-	-	234188	-	12218	*5.22*
Hatchling Production (Kg)	-	668529	-	-	614433	-	54096	*8.81*
PL Production (Core)	-	496417	-	-	394951	-	101466	*25.69*

** Crab area is included with Shrimp farm.*

*** Cage culture area is 1,10,000 cubic meter (11 ha). This area is included with River and Estuary area.*

CHAPTER-1

INTRODUCTION

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 significant 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 socioeconomic development, and deserve potential for future development in the agrarian economy of Bangladesh. It contributes 3.61 percent to our national GDP and around one-fourth (24.41 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 comprise with river and estuaries, beels, floodplain, Sundarbans and Kaptai Lake. On the other hand, Inland Culture fisheries include pond, seasonal cultured waterbody, baor, shrimp/prawn farm, crab, pen culture, cage culture. Again, Marine fisheries include industrial (Trawl) and artisanal fisheries.

Yearbook of Fisheries Statistics of Bangladesh, 2016-17 is designed to provide statistical information on diversified fisheries resources and their contribution in fisheries production in Bangladesh. It represents the brief collection and compilation of statistics on fish production of different sub-sectors of fisheries resources prepared by the 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 distinctive yearly publication since 1983. This is the 34th 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 2016-17 which is reliable and authentic one. Considering the importance and significance, Department of Fisheries tried to furnish the latest information on different areas of fisheries production in Bangladesh. Crab production has been included from last year (2015-16)

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, search and scrutiny. The production of fish and shellfish from different water bodies or fisheries resources has been presented on account of the country, division and district basis. The comparison of fish production of different years from various resources has also added.

Bangladesh fisheries have plenty scope of development to strengthen the national economy. Accurate fisheries statistical information is a 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 and development 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 in the 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 and enhancement of fisheries resources.
- Information dissemination and sharing.
- An action plan to be taken and in use.
- Fisheries development and enlargement strategy.
- Fisheries research programmes.

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 of the actual production.

CHAPTER -2

Methodology, Concepts and Definitions (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. The fisheries sector contributes 3.61% to GDP and 24.41% to agricultural GDP. Fish supplements to about 60% of our daily animal protein intake. More than 11 percent of the total population of Bangladesh is engaged with this sector in 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 on 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	Smaller-scale fisheries rely on inland water bodies such as ponds, rivers, beels, floodplains, haors, lakes, dead rivers (baor), wetlands, reservoirs etc. in inland locations. Fisheries within from surface waters as inland of the coastline.
A. Inland Open Water (Capture):	The harvesting of fish stocks occurring naturally in a body of water.
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 and converging channel. It is a large natural flow of the watercourse; usually freshwater that courses an area of land and goes into sea, ocean, lake, etc. On the other hand, it is a natural stream of water across the land flowing towards in the sea. The widening channel of a river, where it nears the sea with a mixing of fresh water and salt water.
2. Beels	Fisheries in beels. A beel is a term for billabong or lake-like wetland with static water as opposed to moving water in rivers, canals-typically called khals. It is an open water (capture) fisheries. It is a low lying depression on a wetland or floodplain, sometimes drying up in the dry season. Sometimes, it contains water around the whole year.

3. Floodplain (including Haor)	Fisheries in flood lands, including small canals around paddy fields. A floodplain is an area of land adjacent to a stream or river which stretches from the banks of its channel. It experiences flooding during periods of high discharge. It is inundated for 3-4 months in the rainy season. Low lying depression on a floodplain, part of which dries during the dry season. So, it's an area of flat land near a river that is often flooded when the river becomes too full. A haor is a marshy wetland ecosystem which physically a bowl or saucer shaped
4. Kaptai Lake	Fisheries in Kaptai lake only. It is an artificial manmade lake It is creek shaped.
5. Sundarbans	Fisheries in Sundarbans only. It comprises with flowing rivers and a mangrove area.
6. Subsistence fishing	Noncommercial fishing in inland waters. It is fishing or catch fish only for own consumption.
B. Inland Closed water (Culture)	Water closed from the other waters. The farming of fish in freshwater.
7. Ponds	Fisheries in ponds and tanks. Manmade closed water body with a small permanent embankment. It is a small water body of still water. It is a body of standing water either natural or artificial.
8. Seasonal cultured water body (SCW)	Fisheries in seasonal waterbody. Seasonally flooded area with temporary boundary to capture fish.
9. Baors	Fisheries in baors. It is mainly dead river for fish culture. A baor is a U-shaped 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. It is an oxbow lake, an abandoned meander isolated or cut off from the main stream channel by depressing and filled with 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 water body. It is one type of enclosure fish culture. The bottom of the enclosure is formed river, beel or any other water body bottom. Pens are constructed nylon or polyethylene mesh nets with traditional bamboo fences.
12. Cage culture	Fisheries in cage. It is blocked with nets, bamboo and floats in water. Cages are usually floated in rafts. A cage is totally enclosed on all, but the top side by mesh or netting. Fixed cages are used in shallow waters with appropriate muddy bottoms.
C. Marine Fisheries	Fisheries out of the sea coastline
13. Industrial Fisheries (Trawl)	Fisheries using larger boats such as trawlers. Commercial fishing vessel designed to operate fishing trawlers. More generally, it refers to the high level of technology, investment and impact it brings to a fishery. It is a Marine belt Fishery, fishing with Trawler. Commercial fishing carried out on a large scale.
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 by (Mechanized

	and Non- Mechanized) boat. Many of these households are of coastal or island national groups. These households make short (rarely overnight) fishing trips close to the shore. Artisanal fisheries can be subsistence or commercial fisheries, providing for local consumption or export. They are sometimes referred to as small-scale fisheries
1. Mechanized	Fisheries using mechanized boats.
2. Non-mechanized	Fisheries using non-mechanized boats.

Besides, data are 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.

Bangladesh Fisheries Development Corporation (BFDC) and Forest Department usually provide fish production of Kaptai Lake and Sundarbans respectively. Fish production from other sources collected through the Catch Assessment Survey by DOF officers at the field level.

After collecting data from these sources, the collected data are 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 an annual fish production report as "Yearbook of Fisheries Statistics of Bangladesh."

Methodology of Data Collection:

- A catch assessment survey is formulated to 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:

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

The 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.

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

Responsibility for data collection:

Responsible Officer	**Upazila/District/Division/Headquarter**	**Supervision**
Senior Upazila 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	Deputy Director (Shrimp)
BFDC staff	Kaptai Lake Fishery	BFDC
Forest Dept.	Sundarbans Fishery	Forest Department
Data input & processing	Headquarter staff	Principal Scientific Officer (Overall supervision of field & Headquarter)

Sampling Method:

Riverine Fisheries:

The purpose of the catch assessment survey for the riverine fisheries is to collect sample catch data and producer 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 is 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 of 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:

The 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 a 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 of every month) to interview for the previous month on fish catch and input for fish culture.
- Pond condition survey: On the first day of the 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:

The 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 released 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 nursury, 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 the boat, no. of katta etc. should be incorporated into 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 the fishing period of beel.

- He has to collect data on the visiting day and also the previous day (Format Beel-2).
- Sample units of fishing has to be selected for each type of gear.
- Estimate average production of two days.
- Gear wise total production has to be estimated (Average production x Raising Factor)
- The total catch of sample day has to be estimated (Format Beel-3) for all gears.
- The 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 be 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:

The purpose of the catch assessment survey of 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 compiles 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 and 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 the 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 with the head of household or any other member on their fishing activities during the previous month (Form - S2 and F2). Besides, he will try to observe actual catches by subsistence catchers.

Baor Fisheries:

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

Seasonal Cultured Waterbody (SCW):

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

- The purpose of the catch assessment survey for the seasonal cultured waterbody fisheries is to collect sample catch data from the seasonal cultured water body, where fish is cultured seasonally at paddy field and floodplain. Besides, there is also the seasonal cultured practice of fish at the 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. The 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:

The purpose of the catch assessment survey of 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 purpose 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 Divisional Forest Officer. Yearly compiled, catch data provided by Forest Department are included in the Yearbook of Fisheries Statistics in Bangladesh.

Marine Fisheries:

Marine Industrial Fisheries (Trawlers):

The 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.
- **A 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 on the invoice when it becomes available.
- **Checking and collection of forms**: The inspector is to visit companies every month to see a 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:

The purpose of the catch assessment survey of the marine artisanal fisheries is to collect sample catch data and producer 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 of 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 -- Sandwip 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, Sandwip Island, Hatis Island in each section.

Sample days

i) Gill net

In 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

In each landing center, two sample days are to be selected in a month with an internal 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 the 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 observes landings of the sample fishing units and interview to the head fisherman for asking for 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.

CHAPTER-3

MAJOR FINDINGS

Bangladesh is one of the world's leading fish producing countries with a total production of 41.34 lakh MT in 2016-17, whereas inland open water (capture) contributes 28.14 percent (11.63 lakh MT) and inland closed water (culture) contributes 56.44 percent (23.33 lakh MT) to total production. So, 84.58 percent of total production comes from inland fisheries. The growth rates of inland capture and inland culture are 11.01 and 5.89 percent respectively. On the other hand, Marine fisheries production is 6.37 lakh MT and its contribution to total fish production is 15.42 percent with growth rate 1.75 percent. Overall growth rate of total fish production in 2016-17 is 6.60 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 41.34 lakh MT in 2016-17) 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 2016-17 are 2.71 lakh MT, 0.98 lakh MT, 7.66 lakh MT and 0.09 lakh MT respectively and corresponding growth rates are 52.21, 2.79, 2.39 and 4.10 percent respectively. The respective contributions to total production are 6.57, 2.37, 18.52 and 0.24 percent. Fish production has been increased compare to previous year. The production of Sundarbans fishery has increased comparatively, its contribution is 0.44 percent to total production and consequently its growth rate is 7.21 percent.

The fish production (aquaculture) in 2016-17 of pond, seasonal cultured waterbody, baor, shrimp farm, pen culture, cage culture (inland closed waterbody-culture) are 18.33 lakh MT, 2.16 lakh MT, 0.08 lakh MT, 2.46 lakh MT, 0.13 lakh MT, 0.02 lakh MT respectively. Subsequently, the corresponding contributions to total production are 44.31, 5.21, 0.19, 5.96, 0.32 and 0.06 percent respectively. The corresponding growth rates are 6.59, 3.80, 3.53, 2.76, 0.03 and 20.76 percent respectively. Crab production is 0.14 lakh MT which is included from last year in this yearbook. The aquaculture production became more than double (9.19 lakh MT in 2005-06 to 23.33 lakh MT in 2016-17) during the last ten years. The overall growth performance from inland aquaculture shows a moderate, reasonable and admirable 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 2016-17, inland capture fisheries contributes only 28.14 percent and inland culture fisheries contributes 56.44 percent to total fish production. Total marine fisheries production is 6.37 lakh MT (Industrial is 1.08 lakh and Artisanal is 5.29 lakh MT) and its growth rate is 1.75 percent.

Hilsa (Ilish) is the national fish of Bangladesh. About 12.00 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 4.96 lakh MT in 2016-17. The growth rate of hilsa production is 25.69 percent. It should be mentioned that Hilsa has been declared as Geographical Indicator (GI) of Bangladesh. 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 2.45 lakh MT in 2016-17 and its growth rate is 4.67

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

The findings are presented in the below tables:

Table 3.1. Sector-wise Annual Fish Production in Inland and Marine Fisheries, *2016-17*

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	271639	*6.57*	318	kg/ha
2. Sundarbans	177700	18086	*0.44*	102	kg/ha
3. Beel	114161	98117	*2.37*	859	kg/ha
4. Kaptai Lake	68800	9982	*0.24*	145	kg/ha
5. Floodplain	2712618	765782	*18.52*	282	kg/ha
Capture Total	***3927142***	***1163606***	***28.14***		
(ii) Inland Closed Water (Culture)					
6. Pond	384700	1833118	*44.34*	4765	kg/ha
7. Seasonal cultured water body	136273	215547	*5.21*	1581	kg/ha
8. Baor	5488	8002	*0.19*	1458	kg/ha
9. Shrimp/Prawn Farm	272717	246406	*5.96*	904	kg/ha
10. Crab*	27010	14421	*0.35*	537	kg/ha
11. Pen Culture	7564	13368	*0.32*	1767	kg/ha
12. Cage Culture**	1.10 lakh cu. meter	2490	*0.06*	25	kg/cu. m
Culture Total	***833752***	***2333352***	***56.44***		
Inland Fisheries Total	**4760894**	**3496958**	***84.58***		
B. Marine Fisheries					
13. Industrial (Trawl)		108479	*2.62*		
14. Artisanal		528997	*12.79*		
Marine Fisheries Total		***637476***	***15.42***		
COUNTRY TOTAL		**4134434**	100.00		

Note:

1. ***River & Estuary production has been increased due to high growth of Hilsa production.***
2. ***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.***
3. ***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.***
4. ***Catch data of Kaptai Lake are supplied by Bangladesh Fisheries Development Corporation (BFDC).***
5. ***Seasonal cultured water body means Paddy field, Floodplain, Boropit etc. which are under in fish culture.***
6. ***Catch data of Marine Fisheries are supplied by Marine Wing, Department of Fisheries.***
7. ***7564 hectare Floodplain area used in Pen Culture for modern aqua-culture system.***

* ***Crab production had included from 2015-16. Crab area is included with Shrimp farm.***

** Cage culture area is 1,10,000 cubic meter (11 ha). This area is included with River and Estuary area

Table 3.2. Species/Group-wise Annual Fish Production in Inland and Marine Fisheries *2016-17*

[Unit: Metric Ton]

Sl. No.	Species/Group	Inland Fisheries	Marine Fisheries	Total	%
1	Major Carp	811588	0	811588	*19.63*
2	Other Carp	100730	0	100730	*2.44*
3	Exotic Carp	409801	0	409801	*9.91*
4	Pangas (Cat Fish)	510097	0	510097	*12.34*
5	Other Cat Fish	66646	0	66646	*1.61*
6	Snake Head	72991	0	72991	*1.77*
7	Live Fish	127120	0	127120	*3.07*
8	Tilapia	370017	0	370017	*8.95*
9	Other Inland fish	598923	0	598923	*14.49*
10	Hilsha/Illish *(Tenualosa ilisha)*	217469	278948	496417	*12.01*
11	Shrimp/Prawn	197155	49619	246774	*5.97*
12	Crab	14421	0	14421	*0.35*
13	Sardine *(Sardinella fimbriata)*	0	48704	48704	*1.18*
14	Bombay Duck (*Harpondon nehereus)*	0	69230	69230	*1.67*
15	Indian Salmon (*Polydactylus indicus)*	0	775	775	*0.02*
16	Pomfret (*Rup/ Hail/ Foli Chanda)*	0	10686	10686	*0.26*
17	Jew Fish (*Poa, Lambu, Kaladatina* etc.)	0	33768	33768	*0.82*
18	Sea Cat Fish (*Tachysurus spp.)*	**0**	8424	8424	*0.20*
19	Shark/ Skate / Ray	0	4495	4495	*0.11*
20	Other Marine Fish	0	132827	132827	*3.21*
T O T A L	**Metric Ton**	**3496958**	**637476**	**4134434**	*100.00*
	%	84.58	15.42	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 2015-2016.**

Table 3.3. Species-wise Annual Fish Production in Inland Water, *2016-17*

[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	2033	0	12919	8	43090	234154	50547	1159	24877	1840	0	370627	*10.60*
2	Catla	1259	0	8313	8	18458	153092	22548	664	18564	1285	0	224191	*6.41*
3	Mrigal	868	0	9049	16	23269	154796	23901	470	3227	1174	0	216770	*6.20*
4	Kalibaus	383	0	1741	4	2810	25889	386	26	0	146	0	31385	*0.90*
5	Bata	731	0	1549	16	1159	33405	9771	184	2236	319	0	49370	*1.41*
6	Gonia	21	0	1037	44	1779	14365	2379	9	164	177	0	19975	*0.57*
7	Silver carp	0	0	4431	0	2366	169853	34685	1343	12495	1002	0	226175	*6.47*
8	Grass carp	0	0	1950	1	6483	34153	11215	449	543	328	0	55122	*1.58*
9	Mirror/Common carp	0	0	2455	2	21897	64425	22038	350	510	289	0	111966	*3.20*
10	Other Exotic carp	0	0	782	0	0	15507	0	38	0	211	0	16538	*0.47*
11	Pangas	439	0	176	0	9667	499471	0	0	0	344	0	510097	*14.59*
12	Boal/Air	1613	0	4481	0	59513	763	115	110	0	51	0	66646	*1.91*
13	Shol/Gazar/Taki	582	0	3414	248	66418	1871	227	185	0	47	0	72991	*2.09*
14	Koi	78	0	2753	48	8983	40333	1332	9	0	17	0	53553	*1.53*
15	Shingi/Magur	78	0	1903	0	54670	16853	45	9	0	9	0	73567	*2.10*
16	Tilapia/ Nilotica	0	0	1463	160	0	306556	21904	309	33882	3254	2490	370017	*10.58*
17	Sarpunti/Thai punti	12	0	4105	71	18840	43128	8103	142	13381	1438	0	89220	*2.55*
18	Other Inland Fish	37028	17581	31504	9333	382044	17803	4611	2217	6231	1351	0	509703	*14.58*
19	Hilsha	217300	169	0	0	0	0	0	0	0	0	0	217469	*6.22*
20	Big Shrimp/ Prawn	2849	67	58	23	1837	2365	677	9	124772	0	0	132657	*3.79*
21	Small Shrimp/ Prawn	6365	269	4036	0	42499	4336	1063	320	5524	86	0	64498	*1.84*
22.	Crab	0	0	0	0	0	0	0	0	14421	0	0	14421	*0.41*
T O T A L		**271639**	**18086**	**98117**	**9982**	**765782**	**1833118**	**215547**	**8002**	**260827**	**13368**	**2490**	**3496958**	*100.00*
%		*7.77*	*0.52*	*2.81*	*0.29*	*21.90*	*52.42*	*6.16*	*0.23*	*7.46*	*0.38*	*0.07*	*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***

Table 3.4. District-wise Annual Fish Production in Inland Water, *2016-17*

(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	884	0	791	0	4849	8545	3566	0	0	2046	33	20721
Faridpur	1540	0	464	0	9462	12487	1792	459	2	695	0	26914
Gazipur	388	0	1245	0	16764	23353	8623	0	0	1058	0	51434
Gopalganj	464	0	646	0	6692	13197	1432	91	2012	4476	15	29029
Kishorganj	2065	0	6688	0	40623	20005	5486	0	0	1213	32	76129
Madaripur	1030	0	232	0	7885	9932	190	203	218	253	111	20062
Manikganj	1902	0	527	0	10580	9506	3495	0	2	24	0	26052
Munshiganj	2157	0	165	0	12214	8631	4550	0	0	124	86	27945
Narayanganj	1250	0	116	0	1821	7976	2574	0	0	388	0	14135
Narsingdi	1834	0	1065	0	11908	17318	2326	0	2	56	584	35108
Rajbari	1750	0	238	0	6204	15357	2031	408	3	0	0	26005
Shariatpur	1577	0	34	0	5387	15055	2246	0	41	40	21	24414
Tangail	780	0	2256	0	10310	47068	6475	0	5	256	0	67156
Dhaka Div.	**17621**	**0**	**14466**	**0**	**144699**	**208430**	**44786**	**1161**	**2285**	**10629**	**881**	**445102**
Mymensingh	1244	0	18629	0	10788	339367	4922	0	0	0	15	374975
Jamalpur	1442	0	18629	0	30241	25766	6312	0	3	23	0	82428
Sherpur	772	0	18629	0	9644	14506	2670	0	7	903	0	47137
Netrakona	906	0	18629	0	2275	25494	1124	0	0	00	0	48435
Mymensingh Div.	**4363**	**0**	**18629**	**0**	**52948**	**405133**	**15029**	**0**	**10**	**926**	**15**	**497089**
Bagerhat	5464	16664	5405	0	4538	16304	8700	0	62331	1.15	3	119455
Chuadanga	279	0	5405	0	1232	10231	1338	1129	0	0	0	19616
Jessore	922	0	5405	0	35556	133944	26401	2127	35255	0	0	239618
Jhenaidah	267	0	5405	0	5808	21024	4897	1164	7	0	0	38574
Khulna	3335	643	5405	0	19115	14493	0	177	51249	1.72	3	94450
Kushtia	1166	0	5405	0	3846	14721	1064	684	1	14	34	26945
Magura	1141	0	5405	0	1447	9839	265	646	25	0	0	18777
Meherpur	219	0	5405	0	760	5675	205	448	0	0	0	12714
Narail	738	0	5405	0	3857	3907	468	283	4216	0	0	18880
Satkhira	1009	779	5405	0	13852	36087	9470	183	71105	0	0	137898
Khulna Div.	**14540**	**18086**	**5405**	**0**	**90011**	**266225**	**52809**	**6841**	**224189**	**16.87**	**39**	**678282**
Barguna	4279	0	0	0	2497	7368	605	0	967	5	25	15781
Barisal	41326	0	22	0	8254	34424	12694	0	2606	38	0	99705
Bhola	80131	0	0	0	3671	42971	246	0	137	0	0	127817
Jhalokathi	1671	0	9	0	3635	4226	448	0	59	107	28	10197
Patuakhali	13626	0	0	0	9907	26203	115	0	3917	200	6	54086
Pirojpur	5129	0	9	0	3634	8506	1036	0	1715	164	13	20248
Barisal Div.	**146162**	**0**	**41**	**0**	**31598**	**123698**	**15145**	**0**	**9401**	**514**	**72**	**327836**

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(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
Dinajpur	224	0	507	0	5894	32435	3486	0	3	0	0	42551
Gaibandha	671	0	459	0	5579	17232	724	0	0	50	3	24724
Kurigram	763	0	1106	0	10668	12457	3145	0	0	105	12	28262
Lalmonirhat	157	0	392	0	1499	8691	1331	0	4	143.62	0	12219
Nilphamari	153	0	331	0	3107	13447	163	0	10	5.89	5	17223
Panchagarh	94	0	52	0	2601	8607	92	0	1	0	0	11448
Rangpur	117	0	1753	0	8209	18207	1394	0	2	30.1	0	29713
Thakurgaon	86	0	198	0	3741	19338	22	0	3	0	0	23389
Rang. Div.	**2265**	**0**	**4798**	**0**	**41298**	**130414**	**10358**	**0**	**21**	**334.61**	**20**	**189528**
Bogra	796	0	2489	0	4401	61096	759	0	13	0	0	69561
C.Nawabganj	1533	0	3279	0	1910	8591	112	0	1	155	97	15691
Joypurhat	151	0	127	0	141	24961	85	0	21	0		25487
Naogaon	1321	0	4264	0	16887	47073	281	0	1	0	18	69856
Natore	1076	0	905	0	14412	31463	421	0	13	17	0	48316
Pabna	3161	0	1440	0	9961	41602	9346	0	0	3.35	27	65566
Rajshahi	1898	0	3587	0	6965	50830	7024	0	13	29	4	70366
Sirajganj	3168	0	659	0	31860	19881	3127	0	1	5	120	58847
Raj. Div.	**13105**	**0**	**16750**	**0**	**86537**	**285497**	**21153**	**0**	**63**	**209.35**	**267**	**423689**
Bandarban	112	0	0	0	126	996	0	0	0	0	0	1235
Brahmanbaria	1390	0	458	0	20631	29095	2761	0	0	273.93	98	54718
Chandpur	32239	0	301	0	23155	42573	1901	0	123	71	905	101534
Chittagong	2291	0	34	0	626	55321	0	0	1736	0	0	60027
Comilla	705	0	269	0	70668	122853	33238	0	268	4	70	228081
Cox's Bazar	1810	0	0	0	1153	4875	82	0	25213	0		33148
Feni	1077	0	0	0	6566	23447	109	0	77	0	26	31311
Khagrachari .	164	0	48	0	39	3687	0	0	0	0	0	3939
Lakshmipur	18971	0	0	0	10253	29474	799	0	56	0	43	59753
Noakhali	12248	0	0	0	30709	44001	5760	0	313	0	0	93132
Rangamati	162	0	0	9982	0	1179	36	0	0	49.3	4	11413
Ctg. Div.	**71169**	**0**	**1110**	**9982**	**163926**	**357501**	**44689**	**0**	**27787**	**398.23**	**1146**	**678295**
Habiganj	745	0	3758	0	35770	17634	329	0	0	120	10.8	58373
Moulvi Bazar	368	0	4315	0	20748	14263	754	0	21	0	15	40487
Sunamganj	776	0	23724	0	60500	7997	1144	0	0	105	25	94277
Sylhet	651	0	5121	0	37747	16326	9351	0	1	115	0	69317
Sylhet Div.	**2539**	**0**	**36918**	**0**	**154765**	**56220**	**11578**	**0**	22	**340**	**51**	**262454**
Total	**271639**	**18086**	**98117**	**9982**	**765782**	**1833118**	**215547**	**8002**	**260827**	**13368**	**2490**	**3496958**
%	*7.77*	*0.52*	*2.81*	*0.29*	*21.90*	*52.42*	*6.16*	*0.23*	*7.46*	*0.38*	*0.07*	*100.00*

Note : Shrimp Farm production including Crab production.

Table 3.5. District-wise Annual Fish Catch of All River, *2016-17*

[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			
Dhaka	0	0	542	0	0	0	542	339	881
Faridpur	0	0	1120	0	0	0	1120	421	1541
Gazipur	0	0	0	0	0	0	0	380	380
Gopalganj	0	0	0	0	0	0	0	455	455
Kishoreganj	0	687	0	0	0	0	687	1355	2042
Madaripur	0	0	856	0	0	0	856	177	1033
Manikganj	0	0	1168	0	476	0	1644	266	1910
Munshiganj	0	906	963	0	0	0	1869	297	2166
Narayanganj	0	897	0	0	0	0	897	353	1250
Narshingdi	0	1452	0	0	0	0	1452	386	1838
Rajbari	0	0	684	581	0	0	1265	485	1750
Shariatpur	690	0	527	0	0	0	1217	362	1579
Tangail	0	0	0	0	590	0	590	190	780
Dhaka Div.	**690**	**3942**	**5860**	**581**	**1066**	**0**	**12139**	**5466**	**17605**
Mymensingh	0	0	0	0	0	0	0	1218	1218
Netrakona	0	0	0	0	0	0	0	1413	1413
Jamalpur	0	0	0	0	406	216	622	152	774
Sherpur	0	0	0	0	0	0	0	887	887
Mymensingh Div.	**0**	**0**	**0**	**0**	**406**	**216**	**622**	**3670**	**4292**
Bagerhat	0	0	0	0	0	0	0	5353	5353
Chuadanga	0	0	0	0	0	0	0	273	273
Jessore	0	0	0	0	0	0	0	904	904
Jhenaidah	0	0	0	0	0	0	0	261	261
Khulna	0	0	0	0	0	0	0	3268	3268
Kushtia	0	0	0	249	0	0	373	780	1153
Magura	0	0	0	0	0	0	0	1117	1117
Meherpur	0	0	0	0	0	0	0	215	215
Narail	0	0	0	0	0	0	0	723	723
Satkhira	0	0	0	0	0	0	0	988	988
Khulna Div.	**0**	**0**	**0**	**249**	**0**	**0**	**373**	**13881**	**14254**
Barguna	0	0	0	0	0	0	0	4192	4192
Barisal	35798	0	0	0	0	0	35798	5702	41500
Bhola	77784	0	0	0	0	0	77784	2923	80707
Jhalokathi	0	0	0	0	0	0	0	1637	1637
Patuakhali	0	0	0	0	0	0	0	13348	13348
Pirojpur	0	0	0	0	0	0	0	5024	5024
Barisal Div.	**113582**	**0**	**0**	**0**	**0**	**0**	**113582**	**32826**	**146408**

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[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	220	220
Gaibandha	0	0	0	0	133	144	277	389	666
Kurigram	0	0	0	0	0	342	341	416	757
Lalmonirhat	0	0	0	0	0	0	0	154	154
Nilphamari	0	0	0	0	0	0	0	150	150
Panchagarh	0	0	0	0	0	0	0	92	92
Rangpur	0	0	0	0	0	0	0	115	115
Thakurgaon	0	0	0	0	0	0	0	85	85
Rangpur Div.	**0**	**0**	**0**	**0**	**133**	**486**	**618**	**1621**	**2239**
Bogra	0	0	0	0	81	0	81	702	783
C.Nawabganj	0	0	0	719	0	0	719	804	1523
Joypurhat	0	0	0	0	0	0	0	148	148
Naogaon	0	0	0	0	0	0	0	1294	1294
Natore	0	0	0	314	0	0	314	749	1063
Pabna	0	0	0	1183	653	0	1836	1313	3149
Rajshahi	0	0	0	948	0	0	948	939	1887
Sirajganj	0	0	0	0	1454	0	1454	1691	3145
Rajshahi Div.	**0**	**0**	**0**	**3164**	**2188**	**0**	**5352**	**7640**	**12992**
Bandarban	0	0	0	0	0	0	0	110	110
Brahmanbaria	0	885	0	0	0	0	885	501	1386
Chandpur	29830	0	0	0	0	0	29830	2599	32429
Chittagong	0	0	0	0	0	0	0	2244	2244
Comilla	0	289	0	0	0	0	289	410	699
Cox's Bazar	0	0	0	0	0	0	0	1773	1773
Feni	0	0	0	0	0	0	0	1055	1055
Khagrachari	0	0	0	0	0	0	0	160	160
Lakshmipur	18946	0	0	0	0	0	18946	177	19123
Noakhali	12270	0	0	0	0	0	12270	77	12347
Rangamati	0	0	0	0	0	0	0	158	158
Ctg. Div.	**61046**	**1174**	**0**	**0**	**0**	**0**	**62220**	**9264**	**71484**
Habiganj	0	129	0	0	0	0	129	604	733
Moulvibazar	0	0	0	0	0	0	0	360	360
Sunamganj	0	0	0	0	0	0	0	760	760
Sylhet	0	0	0	0	0	0	0	637	637
Sylhet Div.	**0**	**129**	**0**	**0**	**0**	**0**	**129**	**2361**	**2490**
Total	**175318**	**5245**	**5860**	**3994**	**3793**	**702**	**194912**	**76727**	**271639**
%	*64.54*	*1.93*	*2.16*	*1.47*	*1.40*	*0.26*	*71.75*	*28.25*	*100.00*

Table 3.6. Species -wise Annual Fish Catch of All River
2016-17

[Unit : Metric Ton]

Sl. No.	**Species**	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma Putra	Other River	Total	**%**
1	Rui	27	130	126	144	103	19	1484	2033	*0.75*
2	Catla	17	70	69	99	76	14	914	1259	*0.46*
3	Mrigal	13	61	54	39	66	7	628	868	*0.32*
4	Kalibaus	0	15	33	28	21	5	281	383	*0.14*
5	Bata	481	47	0	0	4	0	199	731	*0.27*
6	Ghonia	0	8	0	0	0	0	13	21	*0.01*
7	Pangas	119	28	32	122	0	0	138	439	*0.16*
8	Boal/Air	92	77	141	137	163	62	941	1613	*0.59*
9	Shol/Gazar/Taki	0	0	0	0	0	0	582	582	*0.21*
10	Koi	0	0	0	0	0	0	78	78	*0.03*
11	Shingi/Magur	0	0	0	0	0	0	78	78	*0.03*
12	Sarpunti	0	0	0	0	0	0	12	12	*0.00*
13	Other Inland Fish	2454	3009	1934	2939	2793	446	23453	37028	*13.63*
14	Hilsa/Illish	171713	1540	3160	351	330	82	40124	217300	*80.00*
15	Galda	129	68	17	11	9	4	189	427	*0.16*
16	Bagda	0	0	0	0	0	0	20	20	*0.01*
17	Harina	0	0	0	0	0	0	2391	2391	*0.88*
18	Chaka	0	0	0	0	0	0	11	11	*0.00*
19	Other small shrimp/prawn	273	192	294	124	229	62	5191	6365	*0.00*
Total		**175318**	**5245**	**5861**	**3994**	**3794**	**701**	**76727**	**271639**	*100.00*

Table 3.7. Species-wise Annual Fish Catch of Principal River Meghna
2016-17

[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	3	8	4	2	6	4	27	10	0	23	8	50	39	0	130	157
2	Catla	2	4	2	1	5	3	17	7	0	12	4	31	16	0	70	87
3	Mrigal	1	4	1	4	1	2	13	4	0	12	1	24	20	0	61	74
4	Kalibaus	0	0	0	0	0	0	0	1	0	5	0	5	4	0	15	15
5	Bata	52	21	29	361	0	18	481	7	0	8	0	15	17	0	47	528
6	Ghonia	0	0	0	0	0	0	0	0	0	2	0	6	0	0	8	8
7	Pangas	0	28	73	0	7	11	119	3	0	4	3	9	9	0	28	147
8	Boal/Air	0	28	48	0	5	11	92	4	0	23	3	37	10	0	77	169
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	159	765	790	344	49	348	2455	403	819	112	1063	384	129	101	3011	5466
14	Hilsa/Illish	12031	76791	34668	18193	607	29423	171713	433	67	8	358	288	382	4	1540	173253
15	Galda	7	36	57	29	0	0	129	6	0	19	3	15	25	0	68	197
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	15	99	126	12	10	11	273	29	11	62	8	22	36	24	192	465
Total		**12270**	**77784**	**35798**	**18946**	**690**	**29830**	**175318**	**906**	**897**	**289**	**1452**	**885**	**687**	**129**	**5245**	**180563**

Table 3.8. Species-wise Annual Fish Catch of Principal River Padma, *2016-17*

[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	29	19	9	15	12	17	25	126	18	15	40	17	26	28	144	270
2	Catla	15	8	7	13	8	5	13	69	11	11	21	11	22	23	99	168
3	Mrigal	15	6	4	11	4	9	5	54	6	3	4	3	10	13	39	93
4	Kalibaus	7	5	3	8	3	4	3	33	4	2	12	3	4	3	28	61
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	8	5	4	5	3	3	4	32	0	7	21	20	47	27	122	154
8	Boal/Air	17	25	36	15	20	21	7	141	11	11	31	11	32	41	137	278
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	156	563	227	146	129	396	317	1934	372	169	929	234	692	543	2939	4873
14	Hilsa/Illish	253	183	650	228	958	641	247	3160	135	17	104	4	87	4	351	3511
15	Galda	0	3	3	5	1	1	3	16	1	1	0	0	0	8	10	26
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	26	39	21	97	30	22	59	294	23	13	21	11	28	28	124	418
Total		**527**	**856**	**963**	**542**	**1168**	**1120**	**684**	**5861**	**581**	**249**	**1183**	**314**	**948**	**719**	**3994**	**9855**

Table 3.9. Spe cies-wise Annual Fish Catch of Principal River Jamuna and Brahmaputra, *2016-17*

[Unit : Metric Ton]

Sl. No.	Species	Jamuna								Brahmaputra				Total	Grand Total
		Manikganj	Pabna	Tangail	Sirajganj	Bogra	Jamalpur	Gaibandha	Sub-Total	Jamalpur	Gaibandha	Kurigram	Sub-Total		
1	Rui	6	9	23	20	5	37	3	103	11	5	3	19	122	**547**
2	Catla	3	5	14	26	3	22	3	76	6	5	3	14	90	**344**
3	Mrigal	2	3	17	26	2	14	2	66	3	2	2	7	73	**891**
4	Kalibaus	2	0	11	3	0	5	0	21	3	2	0	5	26	**102**
5	Bata	0	2	0	2	0	0	0	4	0	0	0	0	4	**530**
6	Ghonia	0	0	0	0	0	0	0	0	0	0	0	0	0	**8**
7	Pangas	0	0	0	0	0	0	0	0	0	0	0	0	0	**300**
8	Boal/Air	30	29	52	3	9	26	14	163	16	26	20	62	225	**670**
9	Shol/Gazar/Taki	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**
11	Shingi/Magur	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**
13	Other Inland Fish	314	520	393	1259	25	214	68	2793	106	67	273	446	3239	**13533**
14	Hilsa/Illish	76	50	28	89	5	69	13	330	54	8	20	82	412	**176583**
15	Galda	0	2	3	0	2	0	2	9	2	2	0	4	13	**235**
16	Bagda	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**
18	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
19	Other small shrimp/prawn	43	33	49	26	31	19	28	229	15	27	20	62	291	**1170**
Total		**476**	**653**	**599**	**1454**	**81**	**406**	**133**	**3793**	**216**	**144**	**341**	**701**	**4494**	**194912**

Table 3.10. Species-wise Annual Fish Catch of Other River
2016-17

[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	30	17	9	32	14	43	7	12	8	23	0	7	12	17	12	79	8
2	Catla	29	11	12	17	6	17	4	8	4	10	0	4	4	8	9	75	5
3	Mrigal	17	7	7	20	7	10	0	4	3	7	0	3	0	4	5	44	3
4	Kalibaus	12	7	7	8	5	0	0	3	3	67	0	0	12	8	5	32	3
5	Bata	0	0	7	0	1	0	0	3	0	0	0	0	0	0	0	0	0
6	Ghonia	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
7	Pangas	0	4	0	4	2	0	0	0	15	0	0	0	0	7	0	0	2
8	Boal/Air	26	17	4	13	3	37	7	6	61	67	0	0	12	24	9	67	8
9	Shol/Gazar/Taki	21	0	9	32	4	6	0	4	0	7	0	0	4	3	4	56	0
10	Koi	5	0	0	17	3	0	0	3	0	0	0	0	0	0	0	12	0
11	Shingi/Magur	5	0	0	0	1	0	0	4	0	0	0	0	0	0	0	12	0
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Other Inland Fish	86	298	225	205	94	1170	129	183	165	950	317	300	1274	240	280	225	135
14	Hilsa/Illish	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Galda	12	7	0	7	1	0	0	4	11	4	0	9	0	11	4	32	3
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	98	35	90	91	6	0	23	24	23	28	16	45	16	154	18	258	16
Total		**341**	**403**	**370**	**449**	**148**	**1283**	**170**	**258**	**293**	**1163**	**333**	**368**	**1334**	**476**	**346**	**892**	**183**

Cont....

[Unit : Metric Ton]

Sl. No.	Species	Bagerhat	Chuadanga	Jessore	Jhenaidah	Khulna	Kushtia	Magura	Meherpur	Narail	Satkhira	Barguna	Barisal	Bhola	Jhalokathi	Patuakhali	Pirojpur
1	Rui	0	13	19	3	0	36	79	0	36	0	0	0	0	0	0	0
2	Catla	0	13	10	3	0	22	68	0	4	0	0	0	0	0	0	0
3	Mrigal	0	0	4	0	0	0	7	0	32	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	38	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	2	0	0	15	0	6	7	8	0	0	0	0	0	0
9	Shol/Gazar/Taki	8	18	53	18	12	14	0	24	21	57	0	0	0	0	0	0
10	Koi	0	0	0	5	0	6	0	0	0	0	2	0	0	0	0	0
11	Shingi/Magur	0	0	11	0	0	4	0	0	0	11	0	0	0	0	0	0
12	Sarpunti	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
13	Other Inland Fish	1459	125	618	102	449	361	737	68	241	151	953	589	375	321	605	626
14	Hilsa/Illish	1272	0	0	0	2231	0	0	0	94	0	3243	5196	2570	1296	13054	4473
15	Galda	0	0	0	0	7	4	0	0	0	0	0	4	4	4	0	0
16	Bagda	0	0	0	0	7	0	0	0	0	0	0	2	0	0	11	0
17	Harina	1648	0	0	0	311	0	0	0	0	401	0	6	9	11	0	2
18	Chaka	5	0	0	0	2	0	0	0	0	4	0	0	0	0	0	0
19	Other small shrimp/prawn	978	99	154	127	296	307	188	117	245	371	25	16	14	23	10	10
Total		**5370**	**268**	**871**	**258**	**3315**	**769**	**1079**	**215**	**720**	**1003**	**4223**	**5813**	**2972**	**1655**	**13680**	**5111**

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	44	10	6	4	0	6	0	50	75	32	103	82	106	69	96
2	Catla	0	32	2	6	4	0	6	0	43	60	21	61	64	65	43	64
3	Mrigal	0	14	13	4	2	0	4	0	38	62	7	39	22	66	28	28
4	Kalibaus	0	16	0	2	0	0	5	0	0	0	0	2	12	8	0	6
5	Bata	0	9	0	2	0	0	0	0	0	0	0	2	5	0	0	4
6	Ghonia	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	2
7	Pangas	0	17	0	0	0	0	0	0	0	13	0	4	4	8	18	17
8	Boal/Air/Guizza Air	0	41	44	24	0	0	5	0	7	15	7	4	4	38	28	9
9	Shol/Gazar/Taki	0	8	0	7	0	0	0	0	0	0	2	2	5	34	2	4
10	Koi	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2
11	Shingi/Magur	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	1
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1
13	Other Inland Fish	202	172	314	71	89	75	76	66	518	537	57	959	483	877	638	1269
14	Hilsa/Illish	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Galda	0	0	0	2	2	0	0	0	0	0	0	0	4	0	4	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	5	32	16	26	45	13	14	15	16	13	21	59	33	65	69	110
Total		**207**	**385**	**399**	**150**	**146**	**88**	**116**	**81**	**672**	**775**	**147**	**1241**	**726**	**1267**	**905**	**1617**

Cont....

[Unit : Metric Ton]

Sl. No.	Species	Bandarban	Brahmanbaria	Chandpur	Chittagong	Comilla	Cox's Bazar	Feni	Khagrachari	Lakshmipur	Noakhali	Rangamati	Habiganj	Moulovibazar	Sunamganj	Sylhet	Total
1	Rui	4	42	30	8	55	0	40	0	2	2	3	23	8	31	35	1484
2	Catla	4	19	3	2	9	0	37	0	1	1	3	7	4	9	0	914
3	Mrigal	3	6	1	1	4	0	70	0	1	0	2	14	3	11	0	628
4	Kalibaus	0	3	3	1	4	0	0	0	0	0	2	0	0	0	45	281
5	Bata	0	2	0	0	0	0	57	0	5	2	2	0	12	48	0	199
6	Ghonia	0	3	1	0	0	0	2	0	0	0	0	0	0	0	0	13
3xz7	Pangas	0	6	0	0	0	0	0	0	1	1	0	0	3	7	5	138
8	Boal/Air/Guizza Air	0	78	22	0	47	0	61	0	3	2	10	0	4	43	45	941
9	Shol/Gazar/Taki	0	9	26	0	13	0	52	0	2	1	7	0	3	15	14	582
10	Koi	0	2	0	0	3	0	0	0	2	1	0	0	3	4	2	78
11	Shingi/Magur	3	4	0	0	3	0	0	0	2	1	0	0	4	4	2	78
12	Sarpunti	0	3	0	0	2	0	0	0	0	0	0	0	0	0	0	12
13	Other Inland Fish	54	291	239	35	191	19	400	145	38	21	117	476	181	380	382	23453
14	Hilsa/Illish	0	0	2316	2224	0	1782	72	0	107	40	0	0	0	102	0	40124
15	Galda	0	2	2	8	19	7	0	0	3	1	0	0	2	1	0	189
16	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
17	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2391
18	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
19	Other small shrimp/prawn	39	16	9	28	55	16	257	6	12	6	3	57	27	91	89	5191
Total		**107**	**486**	**2652**	**2307**	**405**	**1824**	**1048**	**151**	**179**	**79**	**149**	**577**	**254**	**746**	**619**	**76727**

Table 3.11. Annual Fish Production of Sundarbans Fisheries
2016-17

[Unit : Metric Ton]

Zone	District	Hilsa	Big Shrimp/ Prawn	Small Shrimp/ Prawn	Other Fish	Total
East Sundarbans	Bagerhat	169.74	63.66	197.44	16233.41	16664.25
West Sundarbans	Khulna	0	1.28	32.14	609.37	642.79
West Sundarbans	Satkhira	0	1.58	38.95	738.47	779.00
Total	**- -**	**169.74**	**66.52**	**268.53**	**17581.25**	**18086.04**
%	- -	***0.94***	***0.37***	***1.48***	***97.21***	***100.00***

Source: Catch data of Sundarbans is supplied by the Forest Department.

Other Fish : Crab (887.90 MT), Koral, dry fish and other inland fish.

Table 3.12. Annual Fish Production of Beel, *2016-17*

Area in Hectare ***Production in Metric Ton***

Sl. No.	District	Natural Source		Beel Nursery Program		Total	
		Area	Production	Area	Production	Area	Production
1	Dhaka	918	707	78	84	996	791
2	Faridpur	229	215	197	249	426	464
3	Gazipur	1711	1242	7	3	1718	1245
4	Gopalganj	657	425	244	221	901	646
5	Kishorganj	5273	4807	1564	1881	6837	6688
6	Madaripur	112	87	151	145	263	232
7	Manikganj	513	226	259	301	772	527
8	Munshiganj	331	148	18	17	349	165
9	Narayanganj	203	108	13	8	216	116
10	Narsingdi	1149	1037	15	28	1164	1065
11	Rajbari	90	41	159	197	249	238
12	Shariatpur	72	32	4	2	76	34
13	Tangail	2098	1901	235	355	2333	2256
	Dhaka Division	**13356**	**10977**	**2946**	**3489**	**16302**	**14466**
14	Mymensingh	6747	5870	599	807	7346	6677
15	Jamalpur	2508	2154	852	875	3360	3029
16	Netrakona	7988	5781	367	742	8355	6523
17	Sherpur	3494	2380	14	20	3508	2400
	Mymensingh Div.	**20737**	**16185**	**1832**	**2444**	**22569**	**18629**
18	Bagerhat	39	17	9	3	48	20
19	Chuadanga	988	787	173	270	1161	1057
20	Jessore	2482	1410	228	265	2710	1675
21	Jhenaidah	971	838	160	173	1131	1011
22	Khulna	250	116	21	15	271	131
23	Kushtia	430	293	157	138	587	431
24	Magura	282	261	50	50	332	311
25	Meherpur	434	188	15	8	449	196
26	Narail	578	308	286	250	864	558
27	Satkhira	41	14	5	2	46	16
	Khulna Division	**6495**	**4232**	**1104**	**1173**	**7599**	**5405**
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**	**41**

Cont....

Area in Hectare ***Production in Metric Ton***

Sl. No.	District	Natural Source		Beel Nursery Program		Total	
		Area	Production	Area	Production	Area	Production
34	Dinajpur	583	321	199	186	782	507
35	Gaibandha	794	435	25	24	819	459
36	Kurigram	1251	985	100	121	1351	1106
37	Lalmonirhat	422	219	181	173	603	392
38	Nilphamari	742	281	66	50	808	331
39	Panchagarh	94	42	16	10	110	52
40	Rangpur	1789	1616	121	137	1910	1753
41	Thakurgaon	290	155	71	43	361	198
	Rangpur Division	**5965**	**4054**	**779**	**744**	**6744**	**4798**
42	Bogra	3226	2067	291	422	3517	2489
43	Chapainawabganj	3754	2128	1050	1151	4804	3279
44	Joypurhat	262	109	22	18	284	127
45	Naogaon	6299	2967	1356	1297	7655	4264
46	Natore	1046	579	347	326	1393	905
47	Pabna	1875	954	478	486	2353	1440
48	Rajshahi	5664	3267	333	320	5997	3587
49	Sirajganj	629	403	273	256	902	659
	Rajshahi Division	**22755**	**12474**	**4150**	**4276**	**26905**	**16750**
50	Bandarban	0	0	0	0	0	0
51	Brahmanbaria	344	307	124	151	468	458
52	Chandpur	195	126	167	176	362	302
53	Chittagong	83	31	6	3	89	34
54	Comilla	188	177	86	92	274	269
55	Cox's Bazar	0	0	0	0	0	0
56	Feni	0	0	0	0	0	0
57	Khagrachari .	49	20	26	28	75	48
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	**859**	**661**	**408**	**450**	**1267**	**1110**
61	Habiganj	2669	3228	309	530	2978	3758
62	Moulvibazar	2912	3307	580	1008	3492	4315
63	Sunamganj	20950	23700	18	24	20968	23724
64	Sylhet	4612	4319	650	802	5262	5121
	Sylhet Division	**31143**	**34554**	**1559**	**2364**	**32702**	**36918**
Total		**101428**	**83178**	**12733**	**14939**	**114161**	**98117**

Source	Area (Ha)	Production (MT)	%	MT/Ha	*Growth Rate %*
Natural Source	101428	83178	***84.77***	0.820	***2.26***
Beel Nursery Program	12733	14939	***15.23***	1.173	***5.84***
Total	**114161**	**98117**	***100.00***	**0.859**	***2.79***

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
2016-17

Sl. No.	Species	Total Catch	
		(Metric Ton)	***%***
1	Rui	12919	*13.17*
2	Catla	8313	*8.47*
3	Mrigal	9049	*9.22*
4	Kalibaus	1741	*1.77*
5	Bata	1549	*1.58*
6	Gonia	1037	*1.06*
7	Silver carp	4431	*4.52*
8	Grass carp	1950	*1.99*
9	Mirror/Common carp	2453	*2.50*
10	Other Exotic carp	782	*0.80*
11	Pangas	176	*0.18*
12	Boal/Air	4481	*4.57*
13	Shol/Gazar/Taki	3414	*3.48*
14	Koi	2753	*2.81*
15	Shingi/Magur	1903	*1.94*
16	Tilapia/ Nilotica	1463	*1.49*
17	Sarpunti/Thai punti	4105	*4.18*
18	Big Shrimp/ Prawn	58	*0.06*
19	Small Shrimp/ Prawn	4036	*4.11*
20	Other Inland Fish	31504	*32.11*
T O T A L		**98117**	*100.00*

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

Table 3.14. Annual Fish Production of Kaptai Lake
2016-17

Sl. No.	Species	Production (Metric Ton)	%
1	Rui ***(Labeo rohita)***	8.16	*0.08*
2	Catla ***(Catla catla)***	8.16	*0.08*
3	Mrigal ***(Cirrhinus cirrhosus)***	16.42	*0.16*
4	Kalibaus ***(Labeo calbasu)***	3.65	*0.04*
5	Bata ***(Labeo Bata)***	15.77	*0.16*
6	Ghonia ***(Labeo gonius)***	43.76	*0.44*
7	Silver Carp ***(Hypophthalmichthys molitrix)***	0.03	*0.00*
8	Grass Carp ***(Ctenopharyngodon idella)***	0.88	*0.01*
9	Common Carp ***(Cyprinus carpio)***	2.34	*0.02*
10	Other Exotic Carp	0.00	*0.00*
11	Pangas ***(Pangasius pangasius)***	0.00	*0.00*
12	Boal/Air/Guizza Air ***(Wallago attu/ Sperata aor / Sperata seenghala)***	0.00	*0.00*
13	Shol/Gazar/Taki ***(Channa striatus/C. marulius/C. punctatus)***	247.81	*2.48*
14	Koi ***(Anabas testudineus)***	48.44	*0.49*
15	Singi/Magur ***(Heteropneustes fossilis/Clarias batrachus)***	0.06	*0.00*
16	Big Prawn	22.50	*0.23*
17	Small Prawn	0.00	*0.00*
18	Tilapia/Nilotica ***(Oreochromis mossambicus/ O. niloticus)***	159.77	*1.60*
19	Sarpunti ***(Puntius sarana)***	70.70	*0.71*
20	Other Fish	9333.19	*93.50*
T O T A L		**9981.64**	*100.00*

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

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

Table 3.15. Annual Fish Catch in Flood Plain: *2016-17*

District	Subsistence Fisheries			Fry Released Program			Haor		Total Production (MT)
	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)	(A+B+C)
Dhaka	106	43.84	4648	1374	2.23	201	0	0	4849
Faridpur	174	48.08	8365	4657	4.94	1097	0	0	9462
Gazipur	273	57.86	15797	4741	0.67	967	0	0	16764
Gopalganj	137	37.93	5196	6054	4.15	1496	0	0	6692
Kishorganj	230	85.29	19618	10240	10.08	2294	40823	18711	40623
Madaripur	136	56.24	7648	1152	3.33	237	0	0	7885
Manikganj	211	47.38	9998	2075	12.46	582	0	0	10580
Munshiganj	230	47.85	11006	6641	1.03	1208	0	0	12214
Narayanganj	67	18.01	1207	2677	2.42	614	0	0	1821
Narsingdi	212	52.82	11198	2652	1.00	710	0	0	11908
Rajbari	159	36.62	5823	1577	3.77	381	0	0	6204
Shariatpur	131	38.45	5037	1484	12.70	350	0	0	5387
Tangail	240	38.69	9285	3382	4.36	1025	0	0	10310
Dhaka Div.	**2306**	**49.79**	**114826**	**48706**	**63.14**	**11162**	**40823**	**18711**	**144699**
Mymensingh	205	49.52	10152	2878	3.76	636	0	0	10788
Netrakona	246	49.16	12093	7236	19.73	1573	34592	16575	30241
Jamalpur	115	78.52	9030	2580	3.01	614	0	0	9644
Sherpur	183	11.50	2105	698	1.87	170	0	0	2275
Mymensingh Div.	**749**	**44.57**	**33380**	**13392**	**28.37**	**2993**	**34592**	**16575**	**52948**
Bagerhat	213	20.92	4455	229	1.57	83	0	0	4538
Chuadanga	62	19.87	1232	0	0.00	0	0	0	1232
Jessore	265	133.53	35386	673	1.71	170	0	0	35556
Jhenaidah	192	29.52	5668	804	1.40	140	0	0	5808
Khulna	301	62.22	18728	984	2.00	387	0	0	19115
Kushtia	182	17.90	3257	1754	3.05	589	0	0	3846
Magura	98	14.34	1405	131	0.90	42	0	0	1447
Meherpur	67	9.88	662	374	0.54	98	0	0	760
Narail	35	79.89	2796	3274	1.82	1061	0	0	3857
Satkhira	120	114.76	13771	395	1.03	81	0	0	13852
Khulna Div.	**1535**	**56.91**	**87360**	**8618**	**14.02**	**2651**	**0**	**0**	**90011**
Barguna	80	30.93	2474	13	0.46	23	0	0	2497
Barisal	216	37.02	7997	1189	3.04	257	0	0	8254
Bhola	160	22.94	3671	0	0.00	0	0	0	3671
Jhalokathi	122	28.25	3447	462	3.18	188	0	0	3635
Patuakhali	184	53.73	9887	129	0.54	20	0	0	9907
Pirojpur	111	31.94	3545	631	2.03	89	0	0	3634
Barisal Div.	**873**	**35.53**	**31021**	**2424**	**9.25**	**577**	**0**	**0**	**31598**

Cont....

District	Subsistence Fisheries			Fry Released Program			Haor		Total Production (MT)
	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)	(A+B+C)
Dinajpur	421	13.78	5803	616	0.98	91	0	0	5894
Gaibandha	304	17.74	5393	1465	2.57	186	0	0	5579
Kurigram	241	42.91	10342	871	32.55	326	0	0	10668
Lalmonirhat	119	9.92	1181	1105	2.50	318	0	0	1499
Nilphamari	121	25.48	3083	135	1.05	24	0	0	3107
Panchagarh	132	18.83	2485	504	3.83	116	0	0	2601
Rangpur	210	38.44	8072	460	5.67	137	0	0	8209
Thakurgaon	114	31.37	3576	1100	3.07	165	0	0	3741
Rangpur Div.	**1662**	**24.03**	**39935**	**6256**	**52.22**	**1363**	0	**0**	**41298**
Bogra	100	42.31	4231	583	14.17	170	0	0	4401
C. Nawabganj	47	29.53	1388	1774	0.24	522	0	0	1910
Joypurhat	22	4.50	99	170	0.22	42	0	0	141
Naogaon	333	39.16	13040	12273	29.28	3847	0	0	16887
Natore	248	48.85	12115	8012	5.22	2297	0	0	14412
Pabna	243	34.49	8380	5474	6.89	1581	0	0	9961
Rajshahi	215	24.65	5300	4876	4.55	1665	0	0	6965
Sirajganj	427	73.38	31334	2370	5.48	526	0	0	31860
Rajshahi Div.	**1635**	**46.41**	**75887**	**35532**	**66.05**	**10650**	0	**0**	**86537**
Bandarban	18	6.83	123	18	0.16	3	0	0	126
Brahmanbaria	273	55.82	15239	4128	1.39	1377	8050	4015	20631
Chandpur	351	65.01	22820	1070	3.93	335	0	0	23155
Chittagong	52	12.04	626	0	0.00	0	0	0	626
Comilla	621	112.58	69910	2984	13.02	758	0	0	70668
Cox's Bazar	91	12.00	1092	288	0.91	61	0	0	1153
Feni	253	25.64	6487	372	0.98	79	0	0	6566
Khagrachari .	0	0.00	0	167	5.54	39	0	0	39
Lakshmipur	146	67.42	9843	1492	7.76	410	0	0	10253
Noakhali	352	74.88	26359	16153	9.09	4350	0	0	30709
Rangamati	0	0.00	0	0	0.00	0	0	0	0
Ctg. Div.	**2157**	**70.70**	**152499**	**26672**	**42.78**	**7412**	**8050**	**4015**	**163926**
Habiganj	180	102.75	18495	5002	6.96	3188	36462	14087	35770
Moulvi Bazar	154	75.31	11597	4855	0.85	2290	24807	6861	20748
Sunamganj	242	129.88	31430	10539	14.21	4184	56150	24886	60500
Sylhet	168	155.30	26091	4624	6.96	708	27964	10948	37747
Sylhet Div.	**744**	**117.76**	**87613**	**25020**	**28.98**	**10370**	**145383**	**56782**	**154765**
Total	**11778**	**52.86**	**622521**	**166620**	**304.81**	**47178**	**228823**	**96083**	**765782**

Source	Area (Ha)	Production (MT)	%	MT/Ha	*Growth Rate (%)*
Subsistence Fisheries	2317175	622521	81.29	*0.269*	***1.83***
Fry Released Program	166620	47178	6.16	*0.283*	***9.41***
Haor	228823	96083	12.55	*0.420*	***2.85***
Total	**2712618**	**765782**	100.00	*0.282*	***2.79***

Table 3.16. Species Composition of Annual Fish Catch of Flood Plain
2016-17

Sl. No.	Species	Production	
		(MT)	***%***
1	Rui	43256	5.63
2	Catla	18529	2.41
3	Mrigal	23359	3.04
4	Kalibaus	2821	0.37
5	Bata	1163	0.15
6	Gonia	1786	0.23
7	Silver carp	2375	0.31
8	Grass carp	6508	0.85
9	Mirror/Common carp	21982	2.86
10	Other Exotic carp	0	0.00
11	Pangas	9704	1.26
12	Boal/Air	59743	7.77
13	Shol/Gazar/Taki	66674	8.67
14	Koi	9018	1.17
15	Shingi/Magur	54881	7.14
16	Tilapia/ Nilotica	0	0.00
17	Sarpunti/Thai punti	18913	2.46
18	Big Shrimp/ Prawn	1844	0.24
19	Small Shrimp/ Prawn	42663	5.55
20	Other Inland Fish	383519	49.89
T O T A L		**768738**	100.00

Table 3.17. Annual Fish Production of Pond, *2016-17*

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	22	24	1103	4183	685	3557	24	281	1834	8045	*4.387*
2	Faridpur	528	529	1792	6345	741	4868	25	557	3086	12299	*3.985*
3	Gazipur	7	9	2593	9176	1214	10612	189	5791	4002	25588	*6.394*
4	Gopalgonj	662	980	1453	5168	1428	8140	56	561	3599	14849	*4.126*
6	Kishorgonj	388	359	2822	10335	1572	9784	36	350	4818	20828	*4.323*
6	Madaripur	289	417	2149	8392	448	3339	0	0	2886	12148	*4.209*
7	Manikgonj	270	379	1565	5566	550	3947	0	0	2385	9892	*4.148*
8	Munshigonj	132	182	1331	5104	726	5406	33	400	2222	11092	*4.992*
9	Narayangonj	30	35	890	2928	679	3960	372	3938	1971	10861	*5.510*
10	Narsingdi	185	264	1170	4215	801	7812	452	8362	2609	20653	*7.919*
11	Rajbari	709	770	3493	9959	366	3421	0	0	4568	14150	*3.098*
12	Shariatpur	27	36	1776	7042	734	7980	0	0	2537	15058	*5.935*
13	Tangail	4	5	3003	11194	4308	28052	176	3059	7491	42310	*5.648*
	Dhaka Div.	**3253**	**3989**	**25140**	**89607**	**14252**	**100878**	**1363**	**23299**	**44008**	**217773**	***4.948***
14	Mymensingh	987	1102	11267	40505	7895	52570	9527	253702	29676	347879	*11.723*
15	Netrakona	499	686	3724	13275	2003	11011	23	238	6248	25210	*4.035*
16	Jamalpur	40	58	2375	9257	628	5431	139	2416	3182	17162	*5.394*
17	Sherpur	57	80	2255	7117	1311	10402	680	9376	4303	26975	*6.270*
	Mymensingh Div	**1582**	**1926**	**19620**	**70154**	**11837**	**79414**	**10369**	**265732**	**43409**	**417226**	***9.612***
18	Bagerhat	1903	5207	3175	6725	0	0	0	0	5078	11932	*2.350*
19	Chuadanga	6	8	1203	4781	979	6446	0	0	2188	11235	*5.135*
20	Jessore	71	100	5439	19737	7947	55515	3246	42648	16703	118000	*7.065*
21	Jhinaidah	671	3000	2943	12383	867	4870	0	0	4480	20253	*4.520*
22	Khulna	1224	1212	3184	12677	180	976	0	0	4588	14865	*3.240*
23	Kushtia	0	0	4129	14702	3	20	0	0	4132	14722	*3.563*
24	Magura	35	49	1896	7546	380	2764	0	0	2311	10359	*4.482*
25	Meherpur	0	0	1269	5421	328	1444	0	0	1597	6865	*4.299*
26	Narail	91	127	840	2656	143	887	0	0	1074	3670	*3.420*
27	Satkhira	7525	7568	4790	15998	516	3242	278	7128	13109	33936	*2.589*
	Khulna Div.	**11526**	**17271**	**28868**	**102626**	**11343**	**76164**	**3524**	**49776**	**55261**	**245837**	***4.449***
28	Barguna	496	675	1835	6147	22	130	0	0	2353	6952	*2.955*
29	Barisal	0	0	9958	38339	103	551	62	1086	10123	39976	*3.949*
30	Bhola	245	355	1740	6620	5699	32604	22	267	7706	39846	*5.171*
31	Jhalokathi	0	0	1107	4359	13	121	4	58	1124	4538	*4.037*
32	Patuakhali	1426	1631	6803	22057	172	1015	0	0	8401	24703	*2.940*
33	Pirojpur	702	1001	1738	4079	337	1874	0	0	2777	6954	*2.504*
	Barisal Div.	**2869**	**3662**	**23181**	**81601**	**6346**	**36295**	**88**	**1411**	**32484**	**122969**	***3.786***

Area in Hectare ***Production in Metric Ton***

Sl. No.	3333District	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
34	Dinajpur	585	780	6286	22170	1472	11329	28	423	8371	34702	4.146
35	Gaibandha	0	0	3186	12612	935	6225	15	225	4136	19062	4.609
36	Kurigram	388	531	3323	12348	287	1934	8	86	4006	14899	3.719
37	Lalmonirhat	20	29	2295	8213	215	1231	2	24	2532	9497	3.751
38	Nilphamari	0	0	3032	12780	64	441	0	0	3096	13221	4.270
39	Panchagarh	111	150	2362	8410	11	72	0	0	2484	8632	3.475
40	Rangpur	16	19	3905	13904	650	4283	0	0	4571	18206	3.983
41	Thakurgaon	898	1003	3258	11601	731	4816	57	1583	4944	19003	3.844
	Rangpur Div.	**2018**	**2512**	**27647**	**102038**	**4365**	**30331**	**110**	**2341**	**34140**	**137222**	**4.019**
42	Bogra	421	1065	7908	25239	3427	26834	467	13402	12223	66540	5.444
43	C.Nawabganj	426	1212	1516	5876	432	2226	0	0	2374	9314	3.923
44	Joypurhat	31	46	2872	10493	1352	7563	0	0	4255	18102	4.254
45	Naogaon	128	173	8650	32088	3424	16352	49	560	12251	49173	4.014
46	Natore	0	0	5351	20490	2046	12388	99	1098	7496	33975	4.533
47	Pabna	0	0	8830	34716	1694	11008	5	90	10529	45814	4.351
48	Rajshahi	0	0	6128	19863	5879	32223	141	1562	12148	53648	4.416
49	Sirajganj	93	104	2728	7436	1885	8897	0	0	4706	16437	3.493
	Rajshahi Div.	**1099**	**2600**	**43983**	**156201**	**20139**	**117491**	**761**	**16712**	**65982**	**293004**	**4.441**
50	Bandarban	201	223	193	686	0	0	0	0	394	909	2.307
51	B.Baria	135	191	5113	17900	2061	11631	47	935	7356	30657	4.168
52	Chandpur	169	224	6325	21815	2872	15183	0	0	9366	37222	3.974
53	Chittagong	6477	11243	12791	39537	1666	11313	13	140	20947	62233	2.971
54	Comilla	1535	2160	12332	43910	7747	50341	851	9295	22465	105706	4.705
55	Cox's Bazar	1567	1520	606	2251	77	410	25	479	2275	4660	2.048
56	Feni	378	542	3901	14861	795	5520	29	394	5103	21317	4.177
57	Khagrachari	153	261	714	1929	92	353	0	0	959	2543	2.652
58	Lakshmipur	238	314	6020	21973	1865	7493	0	0	8123	29780	3.666
59	Noakhali	1093	1383	11694	42192	284	1922	0	0	13071	45497	3.481
60	Rangamati	63	45	307	816	5	26	0	0	375	887	2.365
	Ctg Div.	**12009**	**18106**	**59996**	**207870**	**17464**	**104192**	**965**	**11243**	**90434**	**341404**	**3.775**
61	Habiganj	1258	1820	2364	8230	813	4830	31	353	4466	15232	3.411
62	Moulov.Bazar	3428	4278	2132	7410	1123	6908	0	0	6683	18596	2.783
63	Sunamgonj	411	410	1651	5880	230	1515	1	20	2293	7825	3.413
64	Sylhet	856	1124	2704	7038	1976	7777	4	83	5540	16022	2.892
	Sylhet Div.	**5953**	**7632**	**8851**	**28558**	**4142**	**21030**	**36**	**465**	**18982**	**57676**	**3.039**
	Grand Total	**40310**	**57698**	**237286**	**838655**	**89888**	**565795**	**17216**	**370970**	**384700**	**1833118**	**4.765**

Culture Method	Production Range	Number of Pond	Area		Production		MT/Ha	Growth Rate %
			(Ha)	%	(MT)	%		
Extensive	***<1.5MT/Ha***	313102	40310	*10.48*	57698	*3.15*	1.431	*36.20*
Semi-intensive	***1.5-4 MT/Ha***	1386885	237286	*61.68*	838655	*45.75*	3.534	*7.39*
Intensive	***4>10MT/Ha***	454941	89888	*23.36*	565795	*30.87*	6.295	*4.21*
Highly Intensive	***10 > MT/Ha***	85791	17216	*4.48*	370970	*20.24*	21.544	*4.93*
Total		**2240719**	**384700**	*100.00*	**1833118**	*100.00*	4.765	*6.59*

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
2016-17

Sl. No.	Species	Production (Metric Ton)	%
1	Rui ***(Labeo rohita)***	234154	*12.77*
2	Catla ***(Catla catla)***	153092	*8.35*
3	Mrigal ***(Cirrhinus cirrhosus)***	154796	*8.44*
4	Kalibaus ***(Labeo calbasu)***	25889	*1.41*
5	Bata ***(Labeo Bata)***	33405	*1.82*
6	Ghonia ***(Labeo gonius)***	14365	*0.78*
7	Silver Carp ***(Hypophthalmichthys molitrix)***	169853	*9.27*
8	Grass Carp ***(Ctenopharyngodon idella)***	34153	*1.86*
9	Common Carp ***(Cyprinus carpio)***	64425	*3.51*
10	Other Exotic Carp	15507	*0.85*
11	Pangas ***(Pangasius pangasius)***	499471	*27.25*
12	Boal/Air ***(Wallago attu/ Sperata aor / Sperata seenghala)***	763	*0.04*
13	Shol/Gazar/Taki ***(Channa striatus/C. marulius/C. punctatus)***	1872	*0.10*
14	Koi ***(Anabas testudineus)***	40333	*2.20*
15	Singi/Magur ***(Heteropneustes fossilis/Clarias batrachus)***	16853	*0.92*
16	Big Shrimp/Prawn	2365	*0.13*
17	Small Shrimp/ Prawn	4336	*0.24*
18	Tilapia/Nilotica ***(Oreochromis mossambicus/ O. niloticus)***	306556	*16.72*
19	Sarpunti ***(Puntius sarana)***	43128	*2.35*
20	Other Inland Fish	17803	*0.97*
	T O T A L	**1833118**	*100.00*

Table 3.19. District-wise Species Composition of Fish Production of Pond
2016-17

Sl. No.	Species	Dhaka		Faridpur		Gazipur		Gopalganj		Jamalpur		Kishorganj		Madaripur		Manikganj		Munshiganj	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	1359	*16.90*	2138	*17.38*	2645	*10.34*	2654	*17.88*	3683	*21.46*	3720	*17.86*	2399	19.75	1524	*15.41*	2215	*19.96*
2	Catla	999	*12.42*	1678	*13.64*	2043	*7.98*	1881	*12.67*	1878	*10.94*	2204	*10.58*	905	7.45	865	*8.75*	1632	*14.71*
3	Mrigal	734	*9.12*	2044	*16.62*	1486	*5.81*	1530	*10.31*	2211	*12.88*	1987	*9.54*	982	8.08	1047	*10.59*	1318	*11.88*
4	Kalibaus	529	*6.58*	36	*0.29*	260	*1.02*	490	*3.30*	363	*2.12*	212	*1.02*	10	0.09	168	*1.70*	378	*3.41*
5	Bata	483	*6.01*	380	*3.09*	220	*0.86*	480	*3.23*	152	*0.89*	290	*1.39*	72	0.59	503	*5.09*	240	*2.16*
6	Gonia	165	*2.06*	5	*0.04*	25	*0.10*	180	*1.21*	173	*1.01*	82	*0.39*	42	0.34	139	*1.41*	225	*2.03*
7	Silver carp	636	*7.90*	1061	*8.63*	6094	*23.82*	1731	*11.66*	2595	*15.12*	1411	*6.78*	1952	16.07	1315	*13.29*	437	*3.94*
8	Grass carp	159	*1.98*	220	*1.79*	685.5	*2.68*	741	*4.99*	0	*0.00*	285	*1.37*	27	0.23	145	*1.47*	93	*0.84*
9	Mirror/Common carp	489	*6.08*	1037	*8.43*	1211.5	*4.73*	1273	*8.57*	270	*1.57*	489	*2.35*	291	2.39	382	*3.86*	209	*1.88*
10	Other Exotic carp	0	*0.00*	669	*5.44*	280	*1.09*	447	*3.01*	50	*0.29*	50	*0.24*	0	0.00	178	*1.80*	18	*0.16*
11	Pangas	219	*2.72*	523	*4.25*	1962.5	*7.67*	412	*2.77*	3210	*18.70*	3761	*18.06*	1892	15.57	544	*5.50*	1618	*14.58*
12	Boal/Air	6	*0.07*		*0.00*	0	*0.00*	51	*0.34*	0	*0.00*	0	*0.00*	0	0.00	0	*0.00*		*0.00*
13	Shol/Gazar/Taki	5	*0.06*	12	*0.10*	0	*0.00*	3	*0.02*	0	*0.00*	0	*0.00*	0	0.00	2	*0.02*	50	*0.45*
14	Koi	7	*0.09*	38	*0.31*	85	*0.33*	295	*1.99*	318	*1.85*	425	*2.04*	1263	10.40	604	*6.11*	59	*0.53*
15	Shingi/Magur	6	*0.07*	34	*0.28*	110	*0.43*	128	*0.86*	0	*0.00*	4	*0.02*	553	4.55	0	*0.00*	61	*0.55*
16	Big Shrimp/ Prawn	0	*0.00*	4	*0.04*	0	*0.00*	417	*2.81*	0	*0.00*	0	*0.00*	0	0.00	0	*0.00*	0	*0.00*
17	Small Shrimp/ Prawn	7	*0.09*	61	*0.49*	0	*0.00*	100	*0.67*	0	*0.00*	164	*0.79*	3	0.02	1	*0.01*		*0.00*
18	Tilapia/ Nilotica	1601	*19.90*	1678	*13.64*	7405.9	*28.94*	1242	*8.37*	2250	*13.11*	5558	*26.68*	1502	12.36	2145	*21.69*	1162	*10.48*
19	Sarpunti/Thai punti	566	*7.04*	197	*1.60*	1055	*4.12*	488	*3.29*	0	*0.00*	164	*0.79*	220	1.81	278	*2.81*	134	*1.21*
20	Other Inland Fish	75	*0.92*	484	*3.93*	20	*0.08*	306	*2.06*	9	*0.05*	22	*0.10*	35	0.29	52	*0.52*	1243	*11.21*
	Total	**8045**	*100*	**12299**	*100*	**25588**	*100*	**14849**	*100*	**17162**	*100*	**20828**	*100*	**12148**	100	**9892**	*100*	**11092**	*100*

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Sl. No.	Species	Mymensingh		Narayanganj		Narsingdi		Netrakona		Rajbari		Sariatpur		Sherpur		Tangail	
		MT	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***
1	Rui	23332	*6.71*	1383	*12.73*	1142	*5.53*	626	*2.48*	3950	*28.22*	4210	*27.96*	2981	*11.05*	6515	*15.40*
2	Catla	17221	*4.95*	1092	*10.05*	745	*3.61*	657	*2.61*	2620	*20.06*	2668	*17.72*	2286	*8.47*	3521	*8.32*
3	Mrigal	16913	*4.86*	1043	*9.60*	1397	*6.76*	445	*1.77*	2145	*14.25*	1673	*11.11*	2987	*11.07*	5069	*11.98*
4	Kalibaus	103	*0.03*	602	*5.54*	132	*0.64*	98	*0.39*		*0.00*	418	*2.78*	1536	*5.69*	818	*1.93*
5	Bata	4263	*1.23*	514	*4.73*	86	*0.42*	13	*0.05*	126	*0.84*	0	*0.00*	1220	*4.52*	1318.71	*3.12*
6	Gonia	3451	*0.99*	204	*1.88*	48	*0.23*	102	*0.40*		*0.00*	0	*0.00*	1326	*4.91*	265	*0.63*
7	Silver carp	22307	*6.41*	1515	*13.95*	547	*2.65*	495	*1.96*	2400	*17.27*	3226	*21.43*	3830	*14.20*	6311	*14.92*
8	Grass carp	593	*0.17*	655	*6.03*	223	*1.08*	218	*0.86*	120	*0.80*	629	*4.18*	1810	*6.71*	662	*1.56*
9	Mirror/Common carp	4421	*1.27*	555	*5.11*	249	*1.21*	168	*0.67*	598	*3.97*	1281	*8.51*	1725	*6.40*	1720	*4.07*
10	Other Exotic carp	172	*0.05*	154	*1.42*	215	*1.04*	172	*0.68*	0	*0.00*	0	*0.00*	550	*2.04*	1577.78	*3.73*
11	Pangas	194128	*55.80*	974	*8.97*	8539	*41.34*	12122	*48.08*	900	*5.98*	0	*0.00*	2551	*9.46*	6550.63	*15.48*
12	Boal/Air		*0.00*	70	*0.64*		*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*
13	Shol/Gazar/Taki		*0.00*	10	*0.09*		*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*
14	Koi	19293	*5.55*	33	*0.30*	2791	*13.51*	381	*1.51*	0	*0.00*	197	*1.31*	1630	*6.04*	373.88	*0.88*
15	Shingi/Magur	5236	*1.51*	57	*0.52*	410	*1.98*	813	*3.22*	0	*0.00*	0	*0.00*	221	*0.82*	447.63	*1.06*
16	Big Shrimp/ Prawn		*0.00*	1	*0.01*	1	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	1.47	*0.00*
17	Small Shrimp/ Prawn		*0.00*	1	*0.01*	25	*0.12*	0	*0.00*	0	*0.00*	0	*0.00*	30	*0.11*	0	*0.00*
18	Tilapia/ Nilotica	25945	*7.46*	1202	*11.07*	3887	*18.82*	8422	*33.41*	600	*3.98*	127	*0.84*	1250	*4.64*	6045.62	*14.29*
19	Sarpunti/Thai punti	6329	*1.82*	371	*3.42*	60	*0.29*	96	*0.38*	682	*4.58*	429	*2.85*	135	*0.50*	0	*0.00*
20	Other Inland Fish	4172	*1.20*	425	*3.91*	156	*0.77*	382	*1.51*	9	*0.06*	200	*1.32*	907	*3.36*	1113.27	*2.63*
	Total	**347879**	*100*	**10861**	*100*	**20653**	*100*	**25210**	*100*	**14150**	*100*	**15058**	*100*	**26975**	*100*	**42310**	*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	3393	*28.44*	1191	*10.60*	15070	*12.77*	3710	*18.32*	2724	*18.32*	1539	*10.46*	2032	*19.62*	630	*9.18*
2	Catla	1569	*13.15*	887	*7.90*	9042	*7.66*	1797	*8.87*	1696	*11.41*	889	*6.04*	1651	*15.94*	350	*5.10*
3	Mrigal	1538	*12.89*	956	*8.50*	18838	*15.96*	1940	*9.58*	2359	*15.87*	2034	*13.82*	1806	*17.43*	434	*6.32*
4	Kalibaus	144	*1.20*	69	*0.61*	3014	*2.55*	4	*0.02*	16	*0.11*	24	*0.16*	0	*0.00*	5	*0.07*
5	Bata	22	*0.18*	555	*4.94*	3768	*3.19*	122	*0.60*	432	*2.90*	228	*1.55*	150	*1.45*	3	*0.04*
6	Gonia	0	*0.00*	2	*0.02*	0	*0.00*	0	*0.00*	170	*1.15*	0	*0.00*	0	*0.00*	0	*0.00*
7	Silver carp	636	*5.33*	2215	*19.71*	15070	*12.77*	3587	*17.71*	876	*5.89*	2424	*16.46*	2289	*22.10*	752	*10.96*
8	Grass carp	679	*5.69*	306	*2.73*	3014	*2.55*	1005	*4.96*	433	*2.91*	137	*0.93*	379	*3.66*	225	*3.28*
9	Mirror/Common carp	471	*3.95*	705	*6.27*	4521	*3.83*	1603	*7.92*	715	*4.81*	1088	*7.39*	602	*5.81*	450	*6.56*
10	Other Exotic carp	93	*0.78*	191	*1.70*	0	*0.00*	0	*0.00*	470	*3.16*	0	*0.00*	0	*0.00*	250	*3.64*
11	Pangas	548	*4.59*	787	*7.00*	17928	*15.19*	390	*1.93*	1164	*7.83*	0	*0.00*	528	*5.10*	1255	*18.28*
12	Boal/Air	2	*0.02*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	1	*0.01*
13	Shol/Gazar/Taki	3	*0.03*	0	*0.00*	0	*0.00*	0	*0.00*	165	*1.11*	0	*0.00*	0	*0.00*	0	*0.00*
14	Koi	24	*0.20*	39	*0.35*	0	*0.00*	0	*0.00*	731	*4.92*	0	*0.00*	0	*0.00*	2	*0.03*
15	Shingi/Magur	13	*0.11*	12	*0.11*	0	*0.00*	0	*0.00*	312	*2.10*	2184	*14.84*	0	*0.00*	5	*0.07*
16	Big Shrimp/ Prawn	1081	*9.06*	0	*0.00*	0	*0.00*	0	*0.00*	502	*3.38*	0	*0.00*	0	*0.00*	0	*0.00*
17	Small Shrimp/ Prawn	132	*1.11*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*
18	Tilapia/ Nilotica	1053	*8.83*	2953	*26.28*	24720	*20.95*	5898	*29.12*	1182	*7.95*	4069	*27.64*	412	*3.98*	2330	*33.95*
19	Sarpunti/Thai punti	388	*3.25*	238	*2.12*	3015	*2.56*	168	*0.83*	214	*1.44*	106	*0.72*	485	*4.68*	25	*0.36*
20	Other Inland Fish	143	*1.20*	129	*1.17*	0	*0.00*	29	*0.14*	704	*4.72*	0	*0.00*	25	*0.24*	148	*2.14*
	Total	**11932**	*100*	**11235**	*100*	**118000**	*100*	**20253**	*100*	**14865**	*100*	**14722**	*100*	**10359**	*100*	**6865**	*100*

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Sl. No.	Species	Narail		Satkhira		Barguna		Barisal		Bhola		Jhalokathi		Patuakhali		Pirojpur	
		MT	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***
1	Rui	1311	35.73	4452	*13.12*	719	*10.34*	1982	*4.96*	8351	*20.96*	591	13.03	3017	*12.21*	495	*7.12*
2	Catla	1475	40.18	3891	*11.47*	436	*6.27*	1868	*4.67*	6574	*16.50*	402	8.86	2815	*11.40*	484	*6.97*
3	Mrigal	280	7.62	4060	*11.96*	417	*6.00*	1891	*4.73*	2792	*7.01*	423	9.32	1010	*4.09*	396	*5.69*
4	Kalibaus	98	2.68	31	*0.09*	146	*2.10*	61	*0.15*	636	*1.60*	0	0.00	27	*0.11*	40	*0.58*
5	Bata	0	0.00	115	*0.34*	548	*7.88*	308	*0.77*	0	*0.00*	0	0.00	0	*0.00*	0	*0.00*
6	Gonia	0	0.00	0	*0.00*	25	*0.36*	0	*0.00*	296	*0.74*	0	0.00	0	*0.00*	0	*0.00*
7	Silver carp	19	0.52	1372	*4.04*	754	*10.85*	978	*2.45*	3725	*9.35*	369	8.13	3300	*13.36*	315	*4.52*
8	Grass carp	50	1.37	148	*0.44*	127	*1.83*	0	*0.00*	765	*1.92*	72	1.59	404	*1.64*	200	*2.87*
9	Mirror/Common carp	113	3.09	126	*0.37*	67	*0.97*	443	*1.11*	389	*0.98*	162	3.56	303	*1.23*	115	*1.65*
10	Other Exotic carp	3	0.08	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	15	0.33	94	*0.38*	75	*1.08*
11	Pangas	86	2.35	8238	*24.28*	2582	*37.14*	19105	*47.79*	8969	*22.51*	1813	39.95	6452	*26.12*	2074	*29.82*
12	Boal/Air	0	0.00	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	0.00	30	*0.12*	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	27	*0.11*	0	*0.00*
14	Koi	111	3.03	0	*0.00*	0	*0.00*	0	*0.00*	24	*0.06*	123	2.70	397	*1.61*	651	*9.36*
15	Shingi/Magur	55	1.50	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	0.00	128	*0.52*	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	296	*1.20*	0	*0.00*
17	Small Shrimp/ Prawn	0	0.00	26	*0.08*	0	*0.00*	0	*0.00*	1932	*4.85*	0	0.00	16	*0.07*	3	*0.04*
18	Tilapia/ Nilotica	36	0.98	11402	*33.60*	1072	*15.41*	12801	*32.02*	4637	*11.64*	568	12.53	5657	*22.90*	1966	*28.27*
19	Sarpunti/Thai punti	19	0.52	0	*0.00*	59	*0.85*	296	*0.74*	550	*1.38*	0	0.00	404	*1.64*	128	*1.84*
20	Other Inland Fish	4	0.08	60	*0.17*	0	*0.00*	243	*0.61*	167	*0.42*	0	0.00	326	*1.31*	12	*0.20*
	Total	**3670**	100	**33936**	*100*	**6952**	*100*	**39976**	*100*	**39846**	*100*	**4538**	100	**24703**	*100*	**6954**	*100*

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Sl. No.	Species	Dinajpur		Gaibanda		Kurigram		Lalmonirhat		Nilphamari		Panchagar		Rangpur		Thakurgoan	
		MT	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***
1	Rui	3514	*10.13*	1872	*9.82*	1239	*8.32*	1211	*12.75*	1573	*11.90*	1237	*14.33*	2380	*13.07*	1220	*6.42*
2	Catla	2569	*7.40*	1967	*10.32*	1079	*7.24*	523	*5.50*	657	*4.97*	846	*9.80*	1501	*8.24*	1365	*7.18*
3	Mrigal	2903	*8.37*	1101	*5.78*	954	*6.40*	1101	*11.60*	859	*6.50*	804	*9.32*	2649	*14.55*	1189	*6.26*
4	Kalibaus	154	*0.44*	143	*0.75*	27	*0.18*	124	*1.31*	147	*1.11*	314	*3.64*	307	*1.69*	62	*0.33*
5	Bata	968	*2.79*	308	*1.61*	598	*4.01*	660	*6.95*	220	*1.66*	679	*7.87*	2109	*11.59*	233	*1.23*
6	Gonia	16	*0.05*	35	*0.19*	0	*0.00*	385	*4.05*	313	*2.37*	0	*0.00*	48	*0.26*	271	*1.43*
7	Silver carp	3479	*10.03*	1340	*7.03*	2281	*15.31*	1488	*15.67*	1366	*10.33*	1095	*12.68*	2959	*16.25*	3208	*16.88*
8	Grass carp	375	*1.08*	1113	*5.84*	659	*4.42*	502	*5.28*	545	*4.12*	481	*5.57*	627	*3.44*	136	*0.72*
9	Mirror/Common carp	2411	*6.95*	1147	*6.02*	588	*3.94*	762	*8.02*	558	*4.22*	666	*7.72*	1494	*8.21*	971	*5.11*
10	Other Exotic carp	26	*0.08*	0	*0.00*	592	*3.97*	627	*6.60*	37	*0.28*	456	*5.28*	146	*0.80*	487	*2.56*
11	Pangas	9266	*26.70*	3521	*18.47*	0	*0.00*	179	*1.89*	16	*0.12*	56	*0.65*	84	*0.46*	132	*0.70*
12	Boal/Air	0	*0.00*	0	*0.00*	0	*0.00*	49	*0.52*	0	*0.00*	46	*0.53*	0	*0.00*	0	*0.00*
13	Shol/Gazar/Taki	0	*0.00*	670	*3.51*	0	*0.00*	51	*0.54*	152	*1.15*	24	*0.27*	5	*0.03*	0	*0.00*
14	Koi	261	*0.75*	557	*2.92*	915	*6.14*	126	*1.33*	465	*3.52*	269	*3.12*	424	*2.33*	9	*0.05*
15	Shingi/Magur	0	*0.00*	1101	*5.78*	0	*0.00*	72	*0.76*	53	*0.40*	284	*3.29*	350	*1.92*	3	*0.02*
16	Big Shrimp/ Prawn	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	1	*0.01*	0	*0.00*	0	*0.00*
17	Small Shrimp/ Prawn	1679	*4.84*	0	*0.00*	0	*0.00*	12	*0.13*	0	*0.00*	8	*0.09*	2	*0.01*	0	*0.00*
18	Tilapia/ Nilotica	6168	*17.77*	4178	*21.92*	5660	*37.99*	725	*7.63*	4643	*35.12*	739	*8.57*	1974	*10.84*	9156	*48.18*
19	Sarpunti/Thai punti	896	*2.58*	9	*0.05*	296	*1.99*	363	*3.83*	1536	*11.62*	422	*4.89*	1027	*5.64*	532	*2.80*
20	Other Inland Fish	17	*0.05*	0	*0.00*	11	*0.09*	537	*5.65*	81	*0.61*	205	*2.35*	120	*0.66*	29	*0.15*
	Total	**34702**	*100*	**19062**	*100*	**14899**	*100*	**9497**	*100*	**13221**	*100*	**8632**	*100*	**18206**	*100*	**19003**	*100*

Cont....

Sl. No.	Species	Bogra		C Nawabganj		Joypurhat		Naogaon		Natore		Pabna		Rajshahi		Sirajganj	
		MT	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***
1	Rui	6626	*9.96*	1596	*17.13*	3149	*17.40*	8294	*16.87*	5910	*17.40*	6918	*15.10*	17447	*32.52*	2100	*12.78*
2	Catla	3693	*5.55*	1047	*11.24*	2663	*14.71*	4112	*8.36*	3302	*9.72*	3053	*6.66*	8120	*15.14*	1754	*10.67*
3	Mrigal	4763	*7.16*	1576	*16.92*	1826	*10.09*	8290	*16.86*	4972	*14.64*	4561	*9.96*	11034	*20.57*	1259	*7.66*
4	Kalibaus	250	*0.38*	283	*3.04*	0	*0.00*	1018	*2.07*	245	*0.72*	655	*1.43*	2747	*5.12*	241	*1.47*
5	Bata	1710	*2.57*	772	*8.29*	159	*0.88*	1013	*2.06*	992	*2.92*	2669	*5.83*	450	*0.84*	304	*1.85*
6	Gonia	872	*1.31*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	123	*0.27*	0	*0.00*	421	*2.56*
7	Silver carp	6660	*10.01*	1881	*20.19*	3566	*19.70*	5889	*11.98*	6579	*19.36*	7588	*16.56*	6350	*11.84*	1583	*9.63*
8	Grass carp	632	*0.95*	268	*2.88*	966	*5.34*	906	*1.84*	1347	*3.96*	592	*1.29*	691	*1.29*	385	*2.34*
9	Mirror/Common carp	2755	*4.14*	627	*6.73*	865	*4.78*	1662	*3.38*	3308	*9.74*	2499	*5.45*	3881	*7.23*	713	*4.34*
10	Other Exotic carp	1320	*1.98*	728	*7.82*	112	*0.62*	1093	*2.22*	7	*0.02*	46	*0.10*	343	*0.64*	19	*0.12*
11	Pangas	29824	*44.82*	39	*0.42*	2818	*15.57*	11493	*23.37*	5532	*16.28*	10797	*23.57*	926	*1.73*	685	*4.17*
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*	7	*0.07*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*
14	Koi	1084	*1.63*	78	*0.83*	0	*0.00*	217	*0.44*	0	*0.00*	0	*0.00*	84	*0.16*	469	*2.85*
15	Shingi/Magur	0	*0.00*	16	*0.17*	0	*0.00*	0	*0.00*	0	*0.00*	0	*0.00*	96	*0.18*	159	*0.97*
16	Big Shrimp/ Prawn	0	*0.00*	2	*0.02*	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*	8	*0.09*	0	*0.00*	4	*0.01*	0	*0.00*	0	*0.00*	80	*0.15*	0	*0.00*
18	Tilapia/ Nilotica	5416	*8.14*	104	*1.12*	1674	*9.25*	5019	*10.21*	1691	*4.98*	343	*0.75*	1035	*1.93*	5835	*35.50*
19	Sarpunti/Thai punti	705	*1.06*	63	*0.67*	169	*0.93*	43	*0.09*	22	*0.06*	5970	*13.03*	225	*0.42*	510	*3.10*
20	Other Inland Fish	230	*0.35*	219	*2.37*	135	*0.75*	120	*0.24*	69	*0.20*	0	*0.00*	139	*0.26*	0	*0.00*
	Total	**66540**	*100*	**9314**	*100*	**18102**	*100*	**49173**	*100*	**33975**	*100*	**45814**	*100*	**53648**	*100*	**16437**	*100*

Cont....

Sl. No.	Species	Bandarban		Brahmanbaria		Chandpur		Chittagong		Comilla		Cox's Bazar		Feni		Khagrachari	
		MT	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***
1	Rui	206	*22.67*	4755	*15.51*	7724	*20.75*	10960	*17.61*	6287	*5.95*	614	*13.19*	3289	*15.43*	390	*15.34*
2	Catla	143	*15.74*	3112	*10.15*	6885	*18.50*	8992	*14.45*	2547	*2.41*	498	*10.70*	2141	*10.04*	295	*11.60*
3	Mrigal	132	*14.52*	2720	*8.87*	4749	*12.76*	9226	*14.82*	4405	*4.17*	372	*7.97*	2744	*12.87*	405	*15.93*
4	Kalibaus	5	*0.55*	1473	*4.81*	112	*0.30*	984	*1.58*	464	*0.44*	165	*3.54*	416	*1.95*	112	*4.40*
5	Bata	2	*0.18*	627	*2.05*	455	*1.22*	6	*0.01*	2409	*2.28*	4	*0.08*	0	*0.00*	60	*2.36*
6	Gonia	11	*1.21*	961	*3.14*	0	*0.00*	24	*0.04*	2703	*2.56*	46	*0.99*	997	*4.68*	17	*0.67*
7	Silver carp	134	*14.74*	2767	*9.02*	5426	*14.58*	2550	*4.10*	3260	*3.08*	315	*6.75*	2335	*10.95*	255	*10.03*
8	Grass carp	31	*3.41*	696	*2.27*	7	*0.02*	797	*1.28*	1138	*1.08*	154	*3.30*	253	*1.19*	31	*1.22*
9	Mirror/Common carp	74	*8.14*	865	*2.82*	2471	*6.64*	970	*1.56*	799	*0.76*	86	*1.85*	478	*2.24*	260	*10.22*
10	Other Exotic carp	0	*0.00*	212	*0.69*	381	*1.02*	74	*0.12*	0	*0.00*	40	*0.85*	82	*0.39*	100	*3.93*
11	Pangas	52	*5.72*	3025	*9.87*	0	*0.00*	5152	*8.28*	40385	*38.21*	655	*14.05*	505	*2.37*	240	*9.44*
12	Boal/Air	1	*0.11*	2	*0.01*	0	*0.00*	0	*0.00*	0	*0.00*		*0.00*	499	*2.34*	9	*0.35*
13	Shol/Gazar/Taki	1	*0.13*	4	*0.01*	0	*0.00*	0	*0.00*	0	*0.00*	13	*0.28*	0	*0.00*	10	*0.39*
14	Koi	2	*0.22*	312	*1.02*	0	*0.00*	0	*0.00*	3329	*3.15*	27	*0.57*	775	*3.64*	1	*0.04*
15	Shingi/Magur	5	*0.55*	348	*1.14*	0	*0.00*	62	*0.10*	2502	*2.37*	17	*0.37*	332	*1.56*	5	*0.20*
16	Big Shrimp/ Prawn	0	*0.00*	9	*0.03*	0	*0.00*	6	*0.01*	0	*0.00*	17	*0.36*	0	*0.00*		*0.00*
17	Small Shrimp/ Prawn	2	*0.22*	47	*0.15*	0	*0.00*	0	*0.00*	0	*0.00*	7	*0.15*	0	*0.00*	6	*0.24*
18	Tilapia/ Nilotica	70	*7.70*	3381	*11.03*	8702	*23.38*	21925	*35.23*	35291	*33.39*	1434	*30.77*	6254	*29.34*	190	*7.47*
19	Sarpunti/Thai punti	0	*0.00*	4990	*16.28*	308	*0.83*	68	*0.11*	42	*0.04*	9	*0.19*	194	*0.91*	79	*3.11*
20	Other Inland Fish	38	*4.18*	351	*1.15*	2	*0.00*	437	*0.70*	145	*0.14*	187	*4.03*	23	*0.11*	78	*3.07*
	Total	**909**	*100*	**30657**	*100*	**37222**	*100*	**62233**	*100*	**105706**	*100*	**4660**	*100*	**21317**	*100*	**2543**	*100*

Sl. No.	Species	Lakshmipur		Noakhali		Rangamati		Habiganj		Moulovibazar		Sunamganj		Sylhet		Total	
		MT	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***	***MT***	***%***
1	Rui	4685	*15.73*	10664	*23.44*	199	*22.48*	1479	9.71	1803	9.69	2506	*31.99*	2403	*15.00*	234154	*12.77*
2	Catla	3495	*11.74*	7348	*16.15*	164	*18.49*	1013	6.65	1599	8.60	1172	*14.96*	1602	*10.00*	153092	*8.35*
3	Mrigal	2894	*9.72*	7575	*16.65*	113	*12.74*	1040	6.83	1026	5.52	1515	*19.34*	1923	*12.00*	154796	*8.44*
4	Kalibaus	977	*3.28*	3361	*7.39*	8	*0.90*	130	0.85	778	4.19	0	*0.00*	481	*3.00*	25889	*1.41*
5	Bata	0	*0.00*	0	*0.00*	0	*0.00*	233	1.53	482	2.59	0	*0.00*	0	*0.00*	33405	*1.82*
6	Gonia	0	*0.00*	114	*0.25*	0	*0.00*	340	2.23	630	3.39	19	*0.24*	320	*2.00*	14365	*0.78*
7	Silver carp	1827	*6.13*	3375	*7.42*	91	*10.26*	1888	12.40	257	1.38	972	*12.41*	1282	*8.00*	169853	*9.27*
8	Grass carp	565	*1.90*	1552	*3.41*	13	*1.44*	446	2.93	802	4.31	486	*6.20*	1282	*8.00*	34153	*1.86*
9	Mirror/Common carp	331	*1.11*	2070	*4.55*	16	*1.78*	1041	6.84	758	4.08	515	*6.58*	1282	*8.00*	64425	*3.51*
10	Other Exotic carp	565	*1.90*	2247	*4.94*	0	*0.00*	4	0.02	122	0.66	0	*0.00*	80	*0.50*	15507	*0.85*
11	Pangas	4719	*15.85*	4123	*9.06*	159	*17.90*	606	3.98	1066	5.73	221	*2.82*	160	*1.00*	499471	*27.25*
12	Boal/Air	0	*0.00*	44	*0.10*	0	*0.00*	0	0.00	0	0.00	0	*0.00*	0	*0.00*	763	*0.04*
13	Shol/Gazar/Taki	78	*0.26*	36	*0.08*	0	*0.00*	0	0.00	28	0.15	0	*0.00*	0	*0.00*	1872	*0.10*
14	Koi	89	*0.30*	20	*0.04*	0	*0.00*	0	0.00	392	2.11	8	*0.10*	160	*1.00*	40333	*2.20*
15	Shingi/Magur	0	*0.00*	23	*0.05*	0	*0.00*	0	0.00	352	1.89	0	*0.00*	80	*0.50*	16853	*0.92*
16	Big Shrimp/ Prawn	0	*0.00*	0	*0.00*	0	*0.00*	0	0.00	0	0.00	0	*0.00*	80	*0.50*	2365	*0.13*
17	Small Shrimp/ Prawn	9	*0.03*	14	*0.03*	0	*0.00*	0	0.00	0	0.00	0	*0.00*	0	*0.00*	4336	*0.24*
18	Tilapia/ Nilotica	9109	*30.59*	2413	*5.30*	117	*13.15*	4473	29.37	6659	35.81	195	*2.49*	3204	*20.00*	306556	*16.72*
19	Sarpunti/Thai punti	378	*1.27*	345	*0.76*	4	*0.42*	2527	16.59	1710	9.19	223	*2.85*	1602	*10.00*	43128	*2.35*
20	Other Inland Fish	59	*0.20*	173	*0.38*	3	*0.42*	13	0.08	132	0.70	1	*0.02*	80	*0.50*	17803	*0.97*
	Total	**29780**	*100*	**45497**	*100*	**887**	*100*	**15233**	100	**18596**	100	**7825**	*100*	**16022**	*100*	**1833118**	*100.00*

Table 3.20. Annual Fish Production of Seasonal cultured water body, *2016-17*

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
1	Dhaka	1815	3514	11	9	1826	3566
2	Faridpur	900	1459	187	315	1087	1792
3	Gazipur	3276	8515	3	5	3279	8623
4	Gopalgonj	659	1308	138	108	797	1432
5	Kishorgonj	2906	5420	0	0	2906	5486
6	Madaripur	101	188	0	0	101	190
7	Manikgonj	3560	3445	10	8	3570	3495
8	Munsigonj	1452	4426	26	70	1478	4550
9	Narayangonj	1204	1925	209	626	1413	2574
10	Narsingdi	433	1215	440	1096	873	2326
11	Rajbari	1097	1774	223	235	1320	2031
12	Shariatpur	1305	2219	0	0	1305	2246
13	Tangail	2919	6061	143	340	3062	6475
	Dhaka Div.	**21628**	**41469**	**1392**	**2813**	**23020**	**44786**
14	Mymensingh	1841	4695	197	170	2038	4922
15	Netrakona	3273	6200	18	37	3291	6312
16	Jamalpur	1764	2638	0	0	1764	2670
17	Sherpur	557	1106	6	5	563	1124
	Mymensingh Div.	**7435**	**14639**	**221**	**212**	**7656**	**15029**
18	Bagerhat	7505	8252	218	348	7723	8700
19	Chuadanga	731	1310	11	12	742	1338
20	Jessore	7943	26068	19	16	7962	26401
21	Jhenaidhah	1299	4100	404	747	1703	4897
22	Khulna	0	0	0	0	0	0
23	Kushtia	704	778	142	277	846	1064
24	Magura	152	255	4	7	156	265
25	Meherpur	220	203	0	0	220	205
26	Narail	0	0	276	468	276	468
27	Satkhira	7224	9144	256	215	7480	9470
	Khulna Div.	**25777**	**50110**	**1330**	**2091**	**27107**	**52809**
28	Barguna	662	581	28	17	690	605
29	Barisal	13024	12542	0	0	13024	12694
30	Bhola	0	0	131	246	131	246
31	Jhalokathi	353	443	0	0	353	448
32	Patuakhali	30	39	52	76	82	115
33	Pirojpur	934	670	749	358	1683	1036
	Barisal Div.	**15003**	**14275**	**960**	**697**	**15963**	**15145**

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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	2500	2787	401	665	2901	3486
35	Gaibandha	284	329	185	391	469	724
36	Kurigram	2803	2562	408	552	3211	3145
37	Lalmonirhat	1882	1149	94	168	1976	1331
38	Nilphamari	163	161	0	0	163	163
39	Panchagarh	132	71	17	20	149	92
40	Rangpur	1323	937	202	446	1525	1394
41	Thakurgaon	32	22	0	0	32	22
	Rangpur Div.	**9120**	**8018**	**1308**	**2243**	**10428**	**10358**
42	Bogra	506	591	80	161	586	759
43	C.Nawabganj	94	111	0	0	94	112
44	Joypurhat	41	34	22	51	63	85
45	Naogaon	226	170	47	109	273	281
46	Natore	176	224	110	194	286	421
47	Pabna	8727	7677	522	1576	9249	9346
48	Rajshahi	6194	6000	375	951	6569	7024
49	Sirajganj	2503	2423	342	675	2845	3127
	Rajshahi Div.	**18466**	**17230**	**1497**	**3716**	**19963**	**21153**
50	Bandarban	0	0	0	0	0	0
51	B.Baria	2458	2670	29	59	2487	2761
52	Chandpur	704	874	637	1016	1341	1901
53	Chittagong	0	0	0	0	0	0
54	Comilla	16755	32567	180	276	16935	33238
55	Cox's Bazar	83	63	32	18	115	82
56	Feni	64	54	25	54	89	109
57	Khagrachari	0	0	0	0	0	0
58	Lakshmipur	269	466	220	327	489	799
59	Noakhali	3247	5566	107	126	3354	5760
60	Rangamati	35	36	0	0	35	36
	Ctg. Div.	**23616**	**42296**	**1231**	**1878**	**24847**	**44689**
61	Habiganj	192	315	6	10	198	329
62	Moulovibazar	69	43	395	710	464	754
63	Sunamganj	667	914	208	219	875	1144
64	Sylhet	5664	9085	86	156	5750	9351
	Sylhet Div.	**6593**	**10357**	**696**	**1096**	**7289**	**11578**
	Total	**127638**	**198394**	**8635**	**14746**	**136273**	**215547**

	Area (Ha)	Production (MT)	MT/Ha	% of Prod.	*Growth Rate (%)*
Floodplain/Paddy field	**127638**	200801	1.573	93.16	*3.94*
Boropit	**8635**	14746	1.708	6.84	*1.93*
Total	**136273**	**215547**	**1.582**	**100.00**	***3.79***

Table 3.21. Species Composition of Fish Production of Seasonal cultured water body *2016-17*

Sl. No.	Species	Total Catch (MT)	(%)
1	Rui ***(Labeo rohita)***	50547	23.45
2	Catla ***(Catla catla)***	22548	10.46
3	Mrigal ***(Cirrhinus cirrhosus)***	23901	11.09
4	Kalibaus ***(Labeo calbasu)***	386	0.18
5	Bata ***(Labeo Bata)***	9771	4.53
6	Ghonia ***(Labeo gonius)***	2379	1.10
7	Silver Carp ***(Hypophthalmichthys molitrix)***	34685	16.09
8	Grass Carp ***(Ctenopharyngodon idella)***	11215	5.20
9	Common Carp ***(Cyprinus carpio)***	22038	10.22
10	Other Exotic Carp	0	0.00
11	Pangas ***(Pangasius pangasius)***	0	0.00
12	Boal/Air/Guizza Air ***(Wallago attu/ Sperata aor / Sperata seenghala)***	115	0.05
13	Shol/Gazar/Taki ***(Channa striatus/C. marulius/C. punctatus)***	227	0.11
14	Koi ***(Anabas testudineus)***	1332	0.62
15	Singi/Magur ***(Heteropneustes fossilis/Clarias batrachus)***	45	0.02
16	Big Prawn	678	0.31
17	Small Prawn	1063	0.49
18	Tilapia/Nilotica ***(Oreochromis mossambicus/O. niloticus)***	21904	10.16
19	Sarpunti ***(Puntius sarana)***	8103	3.76
20	Other Inland Fish	4611	2.14
	T O T A L	**215547**	100.00

Table 3.22. Annual Fish Production of Baor, *2016-17*

District	Area (Ha)	Production (MT)
Faridpur	355	459
Gopalganj	110	91
Madaripur	200	203
Rajbari	300	408
Dhaka Division	***965***	**1161**
Chuadanga	686	1129
Jessore	1127	2127
Jhenaidah	807	1164
Khulna	225	177
Kushtia	372	684
Magura	510	646
Meherpur	400	448
Narail	290	283
Satkhira	106	183
Khulna Division	***4523***	**6841**
TOTAL	***5488***	**8002**
	Unit Production (MT/Ha)	***1.458***

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

Table 3.23. Species Composition of Fish Production of Baor, *2016-17*

SL. No.	Species	Total Production	
		MT	%
1	Rui	1159	14.48
2	Catla	664	8.29
3	Mrigal	470	5.87
4	Kalibaus	26	0.32
5	Bata	184	2.30
6	Gonia	9	0.12
7	Silver carp	1343	16.78
8	Grass carp	449	5.62
9	Mirror/Common carp	350	4.37
10	Other Exotic carp	38	0.48
11	Pangas	0	0.00
12	Boal/Air	110	1.37
13	Shol/Gazar/Taki	185	2.32
14	Koi	9	0.12
15	Shingi/Magur	9	0.12
16	Big Shrimp/Prawn	9	0.12
17	Small Shrimp/Prawn	320	4.00
18	Tilapia/Nilotica	309	3.86
19	Sarpunti/Thai punti	142	1.77
20	Other Inland Fish	2217	27.70
	TOTAL	**8002**	100.00

Table 3.24. Annual Production of Shrimp/Prawn Farm, *2016-17*

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	0.80	0.00	0.80	0.00	0.60	0.00	0.60	0.00	1.40	2.00
Gazipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gopalgonj	0.00	1262.75	0.00	1262.75	0.00	737.598	0.00	737.60	0.00	1274.39	2011.99
Kishorgonj	0.00	0.16	0.00	0.16	0.00	0.003	0.00	0.003	0.00	0.11	0.113
Madaripur	0.00	98.48	0.00	98.48	0.00	49.85	0.00	49.85	0.00	168.25	218.10
Manikgonj	0.00	2.20	0.00	2.20	0.00	1.40	0.60	2	0.00	0.00	2.00
Munsigonj	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Narayangonj	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Narsingdi	0.00	0.35	0.00	0.35	0.00	0.34	0.00	0.34	0.00	1.40	1.74
Rajbari	0.00	2.24	0.00	2.24	0.00	1	0.00	1	0.00	2.32	3.32
Shariatpur	0.00	22.15	0.00	22.15	0.00	5.60	0.00	5.60	0.00	35.05	40.65
Tangail	0.00	2.10	0.00	2.10	0.00	1.47	0.00	1.47	0.00	3.38	4.85
Dhaka Div.	**0.00**	**1391.23**	**0.00**	**1391.23**	**0.00**	**797.86**	**0.60**	**798.46**	**0.00**	**1486.30**	**2284.76**
Mymensingh	0.00	1	0.00	1	0.00	0.90	0.00	0.90	0.00	2.10	3.00
Netrakona	0.00	1.50	0.00	1.50	0.00	1.50	0.00	1.50	0.00	5.50	7.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mymensingh Div.	**0.00**	**2.50**	**0.00**	**2.50**	**0.00**	**2.40**	**0.00**	**2.40**	**0.00**	**7.60**	**10.00**
Bagerhat	52536.5	19654	1680	73870.50	15916	14468.7	1590.08	31974.78	2436	27920.24	62331.02
Chuadanga	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jessore	2180	10099.50	1050	13329.50	792	7910.80	26.20	8729	0.40	26525.31	35254.71
Jhenaidhah	0	2.20	0.00	2.20	0.00	0.05	0.31	0.36	0.00	7	7.36
Khulna	36151.9	20034.40	23822.67	80008.97	12411.90	13667.71	1370	27449.61	6799.61	17000	51249.22
Kushtia	0	0.13	0.00	0.13	0.00	0.09	0.00	0.09	0.00	0.80	0.89
Magura	0	22.80	0.00	22.80	0.00	5.22	0.00	5.22	0.00	20	25.22
Meherpur	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Narail	0	2331	0.00	2331.00	0.00	2457.75	172	2629.75	0.00	1586	4215.75
Satkhira	66559	9308.78	84.20	75951.98	26481	6106	6571.30	39158.30	3100.00	28846.50	71104.80
Khulna Div.	**157427**	**61452.81**	**26636.87**	**245517.10**	**55601**	**44616.30**	**9729.90**	**109947.2**	**12336**	**101905.9**	**224189.10**
Barguna	307	184	3.84	494.84	110	107	72	289	8.46	453	750.46
Barisal	0	1303.40	0.00	1303.40	0.00	1176.80	0.00	1176.80	0.00	252	1428.80
Bhola	18.50	19.72	12.76	50.98	7	8.05	0.00	15.05	32.63	74.16	121.84
Jhalokathi	0	48.30	0.00	48.30	0.00	19	0.00	19	0.00	21	40.00
Patuakhali	486	744	67	1297.00	457	326	252	1035	164	1935	3134
Pirojpur	265	1175	2.87	1442.87	97.70	615.85	19.66	733.21	7.66	260.75	1001.62
Barisal Div.	**1076.50**	**3474.42**	**86.47**	**4637.39**	**671.70**	**2252.70**	**343.66**	**3268.06**	**212.75**	**2995.91**	**6476.72**

Cont....

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	4.74	0.00	4.74	0.00	2.34	0.00	2.34	0.00	0.63	2.97
Gaibandha	0.00	000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.50	0.00	0.50	0.00	0.13	0.00	0.13	0.00	1.20	1.33
Nilphamari	0.00	3.08	0.00	3.08	0.00	4.285	1.95	6.235	0.00	1.85	8.09
Panchagarh	0.00	0.29	0.00	0.29	0.00	0.145	0.00	0.145	0.00	0.94	1.09
Rangpur	0.00	1.12	0.00	1.12	0.00	0.625	0.00	0.625	0.00	0.45	1.08
Thakurgaon	0.00	0.40	0.00	0.40	0.00	0.20	0.00	0.20	0.00	1.40	1.60
Rang. Div	**0.00**	**10.13**	0.00	**10.13**	**0.00**	**7.73**	**1.95**	**9.68**	0.00	**6.47**	**16.15**
Bogra	0.00	2.00	0.00	2	0.00	1.05	0.00	1.05	0.00	9.07	10.12
C.Nawabganj	0.00	0.26	0.00	0.26	0.00	0.13	0.00	0.13	0.00	0.60	0.73
Joypurhat	0.00	6.16	0.00	6.16	0.00	2.29	0.00	2.29	0.00	16.89	19.18
Naogaon	0.00	0.34	0.00	0.34	0.00	0.094	0.00	0.09	0.00	0.49	0.58
Natore	0.00	1.18	0.00	1.18	0.00	0.559	0.00	0.56	0.00	4	4.56
Pabna	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00
Rajshahi	0.00	2.42	0.00	2.42	0.00	0.902	0.00	0.90	0.00	6.50	7.40
Sirajganj	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.80
Raj. Div	**0.00**	**12.36**	0.00	**12.36**	**0.00**	**5.03**	0.00	**5.03**	**0.00**	**37.35**	**42.38**
Bandarban	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00
B.Baria	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00
Chandpur	0.00	46.43	0.00	46.43	0.00	8.72	0.00	8.72	0.00	114.76	123.48
Chittagong	2922	205.52	139	3266.52	874.26	109.89	217.768	1201.92	193.30	340.65	1735.87
Comilla	0	35.56	0.00	35.56	0.00	98.3	35.35	133.65	0.00	133.90	267.55
Cox's Bazar	44227.9	153.30	130.10	44511.3	11125.50	573.42	3121	14819.92	1664.35	8729.10	25213.37
Feni	0.00	53.30	0.00	53.30	0.00	14.95	0.00	14.95	0.00	62.05	77
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	0.00	72	0.00	32	0.00	32	0.00	24.3	56.30
Noakhali	0.00	144.34	17.10	161.44	0.00	52.53	0.00	52.53	14.25	246.65	313.43
Rangamati	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ctg. Div	**47149.90**	**710.45**	**286.20**	**48146.55**	**12000**	**889.81**	**3374.10**	**16263.91**	**1871.90**	**9651.41**	**27787.22**
Habiganj	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moulov.Baz	0.00	8.29	0.00	8.29	0.00	2.40	0.00	2.40	0.00	18.33	20.73
Sunamgonj	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sylhet	0.00	0.49	0.00	0.49	0.00	0.60	0.00	0.60	0.00	0.60	1.20
Sylhet Div	**0.00**	**8.78**	0.00	**8.78**	**0.00**	**3.00**	**0.00**	3	0.00	**18.93**	**21.93**
Total	**205654**	**67063**	**27010**	**299727**	**68272**	**48574**	**13450**	**130296**	**14421**	**116110**	**260827**
%	*68.65*	*22.39*	*8.97*	*100.00*	*26.18*	*18.62*	*5.16*	*49.95*	*5.53*	*44.52*	*100.00*

Species	Area (Ha)			Production. (MT)			Kg/Ha		*Growth Rate (%)*	
	2016-17	2015-16	Difference	2016-17	2015-16	Difference	2016-17	2015-16	2016-17	2015-16
Bagda	205654	206763	(-) 1109	68272	68217	55	332	330	*0.08*	*(-) 9.38*
Galda	67063	68746	(-) 1683	48574	46189	2385	724	671	*5.16*	*9.84*
Other Shrimp /Prawn	-	-	-	13450	11293	2157	49	40	*19.10*	*29.06*
Shrimp/Prawn Total	**-**	**-**	**-**	**130296**	**125699**	4597	**478**	***456***	*3.66*	*(-) 0.30*
Fish	-	-	-	116110	114099	2011	426	414	*1.76*	***17.02***
Total	**272717**	**275509**	**(-) 2792**	**246406**	**239798**	6608	**904**	**870**	***2.76***	***7.25***
Crab	27010	19408	7602	14421	13160	1261	534	678	***9.58***	-

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 2015-16.

Cont....

Table 3.25 . Species-wise Production of Shrimp/Prawn Farm, 2016-17

Sl. No.	Species	Total Production (MT)	%
1	Bagda ***(Penaeus monodon)***	68272	*26.18*
2	Galda ***(Macrobrachium rosenbergii)***	48574	*18.62*
3	Harina ***(Metapenaeus monoceros)***	3957	*1.52*
4	Chaka ***(Fenneropenaeus indicus)***	2452	*0.94*
5	Other Shrimp/Prawn	7041	*2.70*
	Shrimp/Prawn Total	**130296**	***49.95***
6	Rui	24878	*9.54*
7	Catla	18564	*7.12*
8	Mrigal	3227	*1.24*
9	Kalibaus	0	*0.00*
10	Bata	2236	*0.86*
11	Ghonia	164	*0.06*
12	Silver Carp	12495	*4.79*
13	Grass Carp	543	*0.21*
14	Mirror/Common Carp	510	*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	33882	*12.99*
22	Thai Sharpunti	13381	*5.13*
23	Other Fish	6231	*2.39*
	Fish Total	**116110**	***44.52***
24	Crab	**14421**	***5.53***
	Grand Total	**260827**	*100.00*

Table 3.26. Sector-wise Annual Shrimp/Prawn Production, 2016-17

	Sector of Fisheries	Galda	Bagda	Harina	Chaka	Other Shrimp/ Prawn	Total
1	River	532	26	2311	9	6335	9213
2	Sundarbans	46	71	0	0	219	336
3	Beel	58	0	0	0	4036	4094
4	Kaptai Lake	0	0	0	0	23	23
5	Floodplain	1908	0	0	0	42428	44336
6	Pond	803	0	0	0	4242	5045
7	Seasonal cultured water body	610	0	0	0	1130	1740
8	Baor	13	0	0	0	316	329
9	Shrimp/Prawn Farm	48574	68272	3957	2452	7041	130296
10	Pen Culture	0	0	0	0	86	86
11	Cage Culture	0	0	0	0	0	0
	Inland Total	**52544**	**68369**	**6268**	**2461**	**65856**	**195498**
12	Marine Industrial	0	244	1950	112	914	3219
13	Marine Artisanal	0	2000	31000	5225	8175	46400
	Marine Total	**0**	**2244**	**32950**	**5337**	**9089**	**49619**
	COUNTRY TOTAL	**52544**	**70613**	**39218**	**7798**	**74945**	**245117**
	Growth Rate (%)	*5.32*	*(-)1.87*	*12.78*	*21.35*	*5.35*	*4.67*

Table 3.27. Annual Fish Production in Pen Culture
2016-17

District	Area (Ha)	Production (MT)	MT/Ha		District	Area (Ha)	Production (MT)	MT/Ha
Dhaka	1347	2046	*1.519*		Dinajpur	0	0	0
Faridpur	559	695	*1.243*		Gaibandha	28	50	1.786
Gazipur	588	1058	*1.799*		Kurigram	52.40	105	2.004
Gopalgonj	2466	4476	*1.815*		Lalmonirhat	93.40	143.62	1.538
Kishorgonj	497	1213	*2.441*		Nilphamari	2.83	5.89	2.081
Madaripur	157	253	*1.611*		Panchagarh	0	0	0
Manikgonj	13	24	*1.846*		Rangpur	18.41	30.10	1.635
Munsigonj	59	124	*2.102*		Thakurgaon	0	0	0
Narayangonj	255	388	*1.522*		**Rangpur Div.**	**195.04**	**334.61**	**1.716**
Narsingdi	26	56	*2.154*		Bogra	0	0	0
Rajbari	0	0	*0*		C.Nawabganj	75	155	2.067
Shariatpur	39	40	*1.026*		Joypurhat	0	0	0
Tangail	105	256	*2.438*		Naogaon	0	0	0
Dhaka Div.	**6111**	**10629**	***1.739***		Natore	11	17	1.545
Mymensingh	0	0	*0*		Pabna	1.34	3.35	2.500
Netrakona	12	23	*1.917*		Rajshahi	14	29	2.071
Jamalpur	400	903	*2.258*		Sirajganj	4	5	1.250
Sherpur	0	00	*0*		**Rajshahi Div.**	**105.34**	**209.35**	**1.987**
Mymensingh Div.	**412**	**926**	***2.248***		Bandarban	0	0	0
Bagerhat	0 .4	1.15	*0*		B.Baria	81.50	217.93	2.691
Chuadanga	0	0	*0*		Chandpur	35.50	67	1.887
Jessore	0	0	*0*		Chittagong	0	0	0
Jhenaidhah	0	0	*0*		Comilla	22.05	64	2.844
Khulna	1.62	1.72	*1.062*		Cox's Bazar	0	0	0
Kushtia	5.37	14	*2.607*		Feni	0	0	0
Magura	0	0	*0*		Khagrachari	0	0	0
Meherpur	0	0	*0*		Lakshmipur	0	0	0
Narail	0	0	*0*		Noakhali	0	0	0
Satkhira	0	0	*0*		Rangamati	41	49.3	1.202
Khulna Div.	**7.39**	**16.87**	***2.283***		**Chittagong Div.**	**180.05**	**398.23**	**2.212**
Barguna	3	5	*1.667*		Habiganj	79	120	1.519
Barisal	15	38	*2.533*		Moulov.Baz	0	0	0
Bhola	0	0	*0*		Sunamgonj	80	105	1.313
Jhalokathi	57	107	*1.877*		Sylhet	66	115	1.742
Patuakhali	156	200	*1.282*		**Sylhet Div.**	**225**	**340**	**1.511**
Pirojpur	98	164	*1.673*		**Total**	**7564.77**	**13368.06**	**1.767**
Barisal Div.	**329**	**514**	***1.562***					

Table 3.28. Annual Fish Production in Cage Culture
2016-17

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	120	18.58	2230	33	Dinajpur	0	0	0	0
Faridpur	0	0	0	0	Gaibandha	11	18.58	204	2.52
Gazipur	0	0	0	0	Kurigram	50	18.58	929	12
Gopalgonj	60	18.58	1115	14.5	Lalmonirhat	0	0	0	0
Kishorgonj	40	18.58	743	32.35	Nilphamari	10	18.58	186	5
Madaripur	445	18.58	8268	111	Panchagarh	0	0	0	0
Manikgonj	0	0	0	0	Rangpur	0	0	0	0
Munsigonj	120	18.58	2230	86	Thakurgaon	0	0	0	0
Narayangonj	0	0	0	0	**Rangpur Div**	**71**	18.58	**1319**	**19.52**
Narsingdi	840	18.58	15607	583.50	Bogra	0	0	0	0
Rajbari		0	0	0	C.Nawabganj	250	18.58	4645	97
Shariatpur	84	18.58	1561	20.5	Joypurhat	0	0	0	
Tangail	0	0	0	0	Naogaon	50	18.58	929	18.3
Dhaka Div	**1709**	18.58	**31753**	**880.85**	Natore	0	0	0	0
Mymensingh	50	18.58	929	15	Pabna	80	18.58	1486	27
Netrokona	0	0	0	0	Rajshahi	20	0	0	4.32
Jamalpur	0	0	0	0	Sirajganj	200	18.58	3716	120
Sherpur	0	0	0	0	**Raj. Div**	**600**	18.58	**11148**	**266.62**
Mymensingh Div.	**50**	18.58	**929**	**15**	Bandarban	0	0	0	0
Bagerhat	10	18.58	186	2.52	B.Baria	150	18.58	2787	98
Chuadanga		0	0	0	Chandpur	1892	18.58	35153	905
Jessore		0	0	0	Chittagong	0	0	0	0
Jhenaidhah		0	0	0	Comilla	100	18.58	1858	70
Khulna	10	18.58	186	2.75	Cox's Bazar	0	0	0	
Kushtia	56	18.58	1040	33.60	Feni	100	18.58	1858	26
Magura		0	0	0	Khagrachari	0	0	0	0
Meherpur	0	0	0	0	Lakshmipur	150	18.58	2787	43.35
Narail		0	0	0	Noakhali	0	0	0	0
Satkhira		0	0	0	Rangamati	40	18.58	743	4
Khulna Div	**76**	18.58	**1412**	**38.87**	**Ctg. Div**	**2432**	18.58	**45187**	**1146.40**
Barguna	100	18.58	1858	25.15	Habiganj	60	18.58	1115	10.80
Barisal	0	0	0	0	Moulov.Baz	58	18.58	1078	15
Bhola		0	0	0	Sunamgonj	120	18.58	2230	25
Jhalokathi	130	18.58	2415	28	Sylhet	0	0	0	0
Patuakhali	20	18.58	372	6	**Sylhet Div**	**238**	18.58	**4422**	**50.80**
Pirojpur	40	18.58	743	13.03	**Total**	**5466**	18.58	**101558**	**2490.19**
Barisal Div	**290**	18.58	**5388**	**72.18**					

Note : Depth of cage culture is 1.00 meter on an average.

Table 3.29. Species-wise Fish Production of Cage and Pen Culture
2016-17

SL. No.	Species	Cage Culture		Pen Culture	
		Production (MT)	%	Production (MT)	%
1	Rui			1840	*13.76*
2	Catla			1285	*9.61*
3	Mrigal			1174	*8.78*
4	Kalibaus			146	*1.09*
5	Bata			319	*2.38*
6	Gonia			177	*1.32*
7	Silver carp			1002	*7.50*
8	Grass carp			328	*2.46*
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	*0.12*
15	Shingi/Magur			9	*0.07*
16	Big Shrimp/Prawn			0	*0.00*
17	Small Shrimp/Prawn			86	*0.65*
18	Tilapia/Nilotica	2490	***100.00***	3254	*24.35*
19	Sarpunti/Thai punti			1438	*10.75*
20	Other Inland Fish			1351	*10.12*
	TOTAL	**2490**	***100.00***	**13368**	*100.00*

Table 3.30. Annual Catch of Hilsa in Inland and Marine Fisheries, 2016-17

[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	228	0	0	0	0	0	228	0	228
Faridpur	0	0	641	0	0	0	0	0	641	0	641
Gazipur	0	0	0	0	0	0	0	0	0	0	0
Gopalganj	0	0	0	0	0	0	3	0	3	0	3
Kishoreganj	0	382	0	0	0	0	0	0	382	0	382
Madaripur	0	0	183	0	0	0	0	0	183	0	183
Manikganj	0	0	958	0	76	0	0	0	1034	0	1034
Munshiganj	0	433	650	0	0	0	0	0	1083	0	1083
Narayanganj	0	67	0	0	0	0	0	0	67	0	67
Narsingdi	0	358	0	0	0	0	0	0	358	0	358
Rajbari	0	0	247	135	0	0	0	0	382	0	382
Sariatpur	607	0	253	0	0	0	0	0	860	0	860
Tangail	0	0	0	0	28	0	0	0	28	0	28
Dhaka Div.	**607**	**1240**	**3160**	**135**	**104**	**0**	**3**	**0**	**5249**	**0**	5249
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	69	54	0	0	123	0	123
Sherpur	0	0	0	0	0	0	0	0	0	0	0
Mymensingh Div.	**0**	**0**	**0**	**0**	**69**	**54**	**0**	**0**	123	**0**	123
Bagerhat	0	0	0	0	0	0	1272	169	1441	633	2074
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	2231	0	2231	0	2231
Kushtia	0	0	0	17	0	0	0	0	17	0	17
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	94	0	94	0	94
Satkhira	0	0	0	0	0	0	0	0	0	0	0
Khulna Div.	**0**	**0**	**0**	**17**	**0**	**0**	**3597**	**169**	**3783**	**633**	4416
Barguna	0	0	0	0	0	0	3292	0	3292	65917	69209
Barisal	34668	0	0	0	0	0	5196	0	39864	1164	41028
Bhola	76791	0	0	0	0	0	2570	0	79361	81471	160832
Jhalokathi	0	0	0	0	0	0	1296	0	1296	0	1296
Patuakhali	0	0	0	0	0	0	13054	0	13054	33233	46287
Pirojpur	0	0	0	0	0	0	4473	0	4473	1172	5645
Barisal Div.	**111459**	**0**	**0**	**0**	**0**	**0**	**29881**	**0**	**141340**	**182957**	324297

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	8	8	0	0	16	0	16
Kurigram	0	0	0	0	0	20	0	0	20	0	20
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**	**13**	**28**	**0**	**0**	41	**0**	41
Bogra	0	0	0	0	5	0	0	0	5	0	5
Chapainawabganj	0	0	0	4	0	0	0	0	4	0	4
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	4	0	0	0	0	4	0	4
Pabna	0	0	0	104	50	0	0	0	154	0	154
Rajshahi	0	0	0	87	0	0	0	0	87	0	87
Sirajganj	0	0	0	0	89	0	0	0	89	0	89
Rajshahi Div.	**0**	**0**	**0**	**199**	**144**	**0**	**0**	**0**	343	**0**	343
Bandarban	0	0	0	0	0	0	0	0	0	0	0
Brahmanbaria	0	288	0	0	0	0	0	0	288	0	288
Chandpur	29423	0	0	0	0	0	2316	0	31739	0	31739
Chittagong	0	0	0	0	0	0	2224	0	2224	50303	52527
Comilla	0	8	0	0	0	0	0	0	8	0	8
Cox's Bazar	0	0	0	0	0	0	1782	0	1782	36082	37864
Feni	0	0	0	0	0	0	72	0	72	0	72
Khagrachari	0	0	0	0	0	0	0	0	0	0	0
Laksmipur	18193	0	0	0	0	0	107	0	18300	0	18300
Noakhali	12031	0	0	0	0	0	40	0	12071	8973	21044
Rangamati	0	0	0	0	0	0	0	0	0	0	0
Ctg. Division	**59647**	**296**	**0**	**0**	**0**	**0**	**6541**	**0**	66484	**95358**	161842
Habiganj	0	4	0	0	0	0	0	0	4	0	4
Moulvi Bazar	0	0	0	0	0	0	0	0	0	0	0
Sunamganj	0	0	0	0	0	0	102	0	102	0	102
Sylhet	0	0	0	0	0	0	0	0	0	0	0
Sylhet Division	**0**	**4**	**0**	**0**	**0**	**0**	**102**	**0**	106	**0**	106
Total	**171713**	**1540**	**3160**	**351**	**330**	**82**	**40124**	**169**	**217469**	**278948**	**496417**
%	*34.59*	*0.31*	*0.64*	*0.07*	*0.07*	*0.02*	*8.08*	*0.03*	*43.81*	*56.19*	*100.00*

[Unit : Metric Ton]

Sector	Production in 2016-17	*Growth Rate %*
River	217300	***54.51***
Sundarbans	169	***55.04***
Marine Industrial	6948	***88.04***
Marine Artisanal	272000	***8.58***
Total	**496417**	***25.69***

Table 3.31. Annual Catch of Marine Fisheries
2016-17

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	2685	0	2333	5018
b) Fish Trawler	211	633	534	6948	95979	103461
TOTAL INDUSTRIAL	***248***	***744***	***3219***	***4652***	***98312***	***108479***
B. Artisanal						
1. Gill Net Fishing						
a) Mechanized	20359	77768	0	250000	64100	*314100*
b) Non Mechanized	16831	40585	0	22000	20000	*42000*
SUB-TOTAL	***37190***	***118353***	***0***	***272000***	***84100***	***356100***
2. Set Bag Net Fishing						*0*
a) Seasonal (MB)	10000	22404	31950	0	101447	*133397*
b) Seasonal (NMB)	5200	10000	9600	0	1250	*10850*
c) All Seasonal (NMB)	5550	10025	1550	0	300	*1850*
SUB-TOTAL	***20750***	***42429***	***43100***	***0***	***102997***	***146097***
3. Long Line Fishing						*0*
a) Jew Fish Long Line						*0*
Mechanized	2500	10191	0	0	15350	*15350*
Non Mechanized	400	900	0	0	500	*500*
b) Other Long Line (NMB)	325	772	0	0	200	*200*
SUB-TOTAL	***3225***	***11863***	***0***	***0***	***16050***	***16050***
4. Trammel Net Fishing (NMB)	131	422	1500	0	4150	*5650*
5. Other Gears Fishing (NMB)	6373	15640	1800	0	3300	*5100*
TOTAL ARTISANAL	***67669***	***188707***	***46400***	***272000***	***210597***	***528997***
GRAND TOTAL (A+B)	***67917***	***189451***	***49619***	***278948***	***308909***	***637476***

Trawler		Boat		Gear	
Type	**No.**	**Type**	**No.**	**Type**	**No.**
Shrimp Trawler	37	**MB** *(Mechanized Boat)*	32859	Gill Net	118353
Fish Trawler	210	**NMB** *(Non-Mechanized Boat)*	34810	Set Bag Net	42429
				Long Line	11863
				Trammel Net	422
				Other Gear	15640
Total	**247**		**67669**		**188707**

Table 3.32. Species-wise Catch of Marine Fisheries
2016-17

[Unit : Metric Ton]

Type of Fishing	Shrimp (A)	Hilsha (B)	Other Species									Grand Total (A+B+C)
			Sardine	Bombay Duck	Indian Salmon	Pomfret	Jew Fish	Cat Fish	Shark/ Skate/ Ray	Other Marine Fish	Total (C)	
A. Industrial Trawl Fishing	**3219**	**6948**	46104	4320	0	686	2768	1864	645	41925	98312	**108479**
B. Artisanal **1 Gill Net Fishing**												
a) Mechanized	0	250000	2500	4000	700	1600	20550	1520	1700	22072	54642	304642
b) Non-mechanized	0	22000	0	55	0	0	2000	120	10	14380	16565	38565
SUB-TOTAL	**0**	**272000**	**2500**	**4055**	**700**	**1600**	**22550**	**1640**	**1710**	**36452**	**71207**	**343207**
2. Set Bag Net Fishing											0	0
a) Seasonal	41550	0	50	60500	0	8400	1350	45	150	45875	116370	157920
b) All Seasonal	1550	0	0	120	0	0	0	25	30	225	400	1950
SUB-TOTAL	**43100**	**0**	**50**	**60620**	**0**	**8400**	**1350**	**70**	**180**	**46100**	**116770**	**159870**
3.Long Line Fishing											0	0
a) Jew Fish Long Line											0	0
Mechanized	0	0	0	0	50	0	4000	3950	1890	4820	14710	14710
Non Mechanized	0	0	0	0	25	0	200	105	50	300	680	680
b) Other Long Line	0	0	0	0	0	0	100	45	20	30	195	195
SUB-TOTAL	**0**	**0**	**0**	**0**	**75**	**0**	**4300**	**4100**	**1960**	**5150**	**15585**	**15585**
4.Trammel Net Fishing	1500	0	0	35	0	0	1600	600	0	1800	4035	5535
5. Other Gears' Fishing	1800	0	50	200	0	0	1200	150	0	1400	3000	4800
TOTAL ARTISANAL	**46400**	**272000**	**2600**	**64910**	**775**	**10000**	**31000**	**6560**	**3850**	**90902**	**210597**	**528997**
GRAND TOTAL (Industrial+ Artisanal)	**49619**	**278948**	**48704**	**69230**	**775**	**10686**	**33768**	**8424**	**4495**	**132827**	**308909**	**637476**
%	***7.28***	***43.76***	***7.31***	***10.18***	***0.12***	***1.62***	***5.33***	***1.39***	***0.70***	***21.80***	***48.46***	***100.00***

Species-wise Annual Shrimp Catch in Marine Fisheries

Sector	Bagda (Tiger)	Harina (Brown)	Chaka (White)	Others	Total	Growth Rate (%)
Trawl Fishing	243.79	1950.11	111.86	913.52	3219.28	*24.62*
Artisanal Fishing	2000.00	31000.00	5225.00	8175.00	46400.00	*3.11*
Total	**2243.79**	**32950.11**	**5336.86**	**9088.52**	**49619.28**	***4.28***

Table 3.33. Annual Carp Hatchling Production
2017

Source of Production	No of Hatchery	Hatchling Production (Kg)	%
3) **Natural**			
Jamuna River		1697	
Padma River		2086	
Arialkha River		253	
Brahmaputra River		116	
Garai/Madhumati River		571	
Surma		6	
Halda River		338	
Natural Total		**5067**	***0.76***
3) **Artificial**			
Govt. Hatchery	85	12826	*1.92*
Private Hatchery	818	650636	*97.32*
Artificial Total	**902**	**663462**	***99.24***
COUNTRY TOTAL	**902**	**668529**	*100.00*

Note: ***Hatchling of 4-5 days old. Growth rate of Natural Hatchling is 5.15% and Growth of Artificial is 8.83% z***

Table 3.34. Annual PL (Post Larva) Production, *2017*

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	0.62	0	0.00	17	0.62
Private Hatchery	19	4.43	49	1383.04	68	1387.47
T O T A L	**36**	**5.05**	**49**	**1383.04**	**85**	**1388.09**

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

Table 3.35. Hatchling Production of Govt. Hatchery, *2017*

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	8	609.0	315.0	0.0	70.0	85.0	0.0	0.0	0.0	1079
2. Mymensingh Division	9	861.0	262.0	5.0	137.0	60.0	0.0	0.0	10.0	1335
3. Khulna Division	11	729.0	133.5	0.0	3.0	2.0	0.0	0.0	0.0	867.5
4. Barisal Division	10	334.0	126.0	50.0	10.0	10.0	0.0	0.0	0.0	530
5. Rangpur Division	11	347.0	430.0	0.0	77.0	54.0	0.0	0.0	20.0	928
6. Rajshahi Division	15	1156.0	1303.0	30.0	59.0	306.0	0.0	0.0	4.0	2858
7. Chittagong Division	10	629.5	189.5	0.0	42.5	13.0	0.0	0.0	0.0	874.5
8. Sylhet Division	6	584.0	175.0	0.0	132.0	0.0	0.0	0.0	5.0	896
Sub Total	**80**	**5249.5**	**2934**	**85**	**530.5**	**530**	**0**	**0**	**39**	**9368**
Other Govt. Hatchery										
1. Central Fish Breeding and Training Centre, Jhenaidah.	1	726.0	799.0	0.0	14.0	20.0	0.0	0.0	0.0	1559.0
2. Fish Breeding and Training Centre, Raipur Lakshmipur.	1	540.0	190.0	10.0	60.0	0.0	0.0	0.0	0.0	800.0
3. Fish Seed Multiplication Farm and Training Centre, Parbatipur, Dinajpur.	1	225.0	375.0	0.0	35.0	80.0	0.0	0.0	0.0	715.0
4.Hatchery of Bangladesh Fisheries Research Institute, Mymensingh.	1	255.0	31.0	10.0	31.0	0.0	7.0	0.0	0.0	334.0
5. Faridpur Traning and Extension Center, Faridpur	1	40.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
Sub Total	5	1786	1405	20	140	100	7	0	0	**3458**
T O T A L	**85**	**7036**	**4339**	**105**	**671**	**630**	**7**	**0**	**39**	**12826**

Table 3.36. Hatchling Production of Private Hatchery, *2017*

Division	No. of Hatchery	Hatchling Production (Kg)									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Punti	Bata	Koi	Shingi/ Magur	Other	Total	
Dhaka	42	16137	6906	0	2332	2339	268	804	607	29393	583
Mymensingh	197	51609	48106	27345	8696	2948	4413	11964	25770	180851	6881
Khulna	94	49381	30222	3837	1849	3618	1134	232	2122	92394	3935
Barisal	41	14057	5437	120	762	27	328	77	109	20919	195
Rangpur	71	17467	20391	5234	2904	5949	307	532	299	53082	74
Rajshahi	174	43866	38993	52934	4774	13318	1451	1938	2435	159710	5095
Chittagong	178	51961	26679	13853	4356	965	571	618	1107	100109	8103
Sylhet	21	9263	1843	77	2852	19	0	88	38	14179	906
T O T A L	**818**	**253740**	**178577**	**103400**	**28524**	**29183**	**8474**	**16252**	**32487**	**650636**	**25773**

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, *2017*

District	No. of Hatchery	Hatchling Production in Kg									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Punti	Bata	Koi	Shingi/ Magur	Other	Total	
Dhaka	5	2710	390	0	490	492	0	0	0	4083	9.83
Faridpur	2	2598	1750	0	416	131	0	0	0	4895	0.00
Gazipur	3	306	350	0	88	44	0	0	0	788	199.02
Gopalganj	2	1455	645	0	33	0	0	0	0	2133	0.00
Kishorganj	8	3878	1581	0	235	120	0	0	0	5814	10.79
Madaripur	1	328	0	0	0	0	0	0	0	328	0.00
Manikganj	2	1307	306	0	164	410	0	0	0	2188	0.00
Munshiganj	1	372	230	0	230	142	0	0	0	973	0.00
Narayanganj	0	0	0	0	0	0	0	0	0	0	0.00
Narsingdi	7	431	253	0	93	49	268	514	126	1734	215.80
Rajbari	4	427	213	0	49	180	0	0	383	1252	0.00
Shariatpur	1	0	0	0	0	0	0	88	0	88	0.00
Tangail	6	2325	1188	0	535	769	0	202	98	5118	147.47
Dhaka Div	**42**	**16137**	**6906**	**0**	**2332**	**2339**	**268**	**804**	**607**	**29393**	**582.91**
Mymensingh	14	2194	1272	0	394	497	0	55	0	4411	305
Netrakona	167	47972	46257	27345	8190	2397	4413	11023	25428	173025	6037
Jamalpur	8	766	328	0	109	55	0	886	339	2483	0
Sherpur	8	677	249	0	2	0	0	0	0	929	540
Mymensingh Div.	**197**	**51609**	**48106**	**27345**	**8696**	**2948**	**4413**	**11964**	**25767**	**180848**	**6881.00**
Bagerhat	1	2188	0	0	0	0	0	0	0	2188	8.99
Chuadanga	1	0	0	0	0	0	0	0	164	164	143.87
Jessore	45	33689	26957	3837	1438	965	711	232	1258	69087	1309.09
Jhenaidah	1	438	219	0	0	22	33	0	0	711	0.00
Khulna	4	7350	0	0	0	980	390	0	579	9299	168.48
Kushtia	13	3451	1663	0	186	1045	0	0	11	6355	47.96
Magura	0	0	0	0	0	0	0	0	0	0	0.00
Meherpur	2	410	252	0	60	115	0	0	0	837	0.00
Narail	2	689	634	0	164	492	0	0	109	2089	38.37
Satkhira	25	1166	498	0	0	0	0	0	1	1665	2218.01
Khulna Div	**94**	**49381**	**30222**	**3837**	**1849**	**3618**	**1134**	**232**	**2122**	**92394**	**3934.77**
Barguna	3	0	0	0	0	0	0	22	0	22	14.39
Barisal	16	6354	1222	11	226	27	0	0	0	7840	0.00
Bhola	12	4925	3669	55	219	0	0	0	0	8867	167.85
Jhalokhati	1	372	197	0	0	0	0	0	0	569	0.00
Patuakhali	7	2242	241	0	208	0	0	0	0	2691	11.99
Pirozpur	2	164	109	55	109	0	328	55	109	930	0.72
Barisal Div.	**41**	**14057**	**5437**	**120**	**762**	**27**	**328**	**77**	**109**	**20919**	**194.95**

Cont....

District	No. of Hatchery	Hatchling Production (Kg)									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Punti	Bata	Koi	Shingi/ Magur	Other	Total	
Dinajpur	8	2056	1263	0	88	268	0	0	60	3735	0.00
Gaibandha	15	2355	4211	0	476	1714	197	13	66	9031	0.00
Kurigram	12	3973	3709	0	591	1659	0	0	0	9932	11.39
Lalmonirhat	0	11	2948	5234	0	0	0	0	0	8193	0.00
Nilphamari	10	4074	3992	0	443	268	0	0	0	8778	0.00
Panchagar	2	1050	0	0	44	0	0	0	0	1094	0.00
Rangpur	21	3454	3658	0	1035	1626	110	518	154	10556	62.34
Thakurgaon	3	493	609	0	229	413	0	0	19	1763	0.00
Rangpur Div.	**71**	**17467**	**20391**	**5234**	**2904**	**5949**	**307**	**532**	**299**	**53082**	**73.73**
Bogra	96	22368	20257	48975	2680	9598	1367	1772	416	107433	1978.20
C. Nababganj	2	580	523	0	33	55	0	0	0	1190	0.00
Joypurhat	10	3955	1674	246	109	284	0	0	1945	8213	95.91
Naogaon	23	1521	3005	3713	120	678	84	123	8	9252	0.00
Nator	10	1443	1346	0	63	211	0	0	0	3064	2217.99
Pabna	8	6164	3206	0	617	596	0	0	0	10583	743.33
Rajshahi	13	3591	5560	0	517	474	0	44	67	10252	0.00
Sirajganj	12	4244	3424	0	634	1422	0	0	0	9724	59.95
Rajshahi Div	**174**	**43866**	**38994**	**52934**	**4774**	**13318**	**1451**	**1938**	**2435**	**159711**	**5095.37**
Bandarban	0	0	0	0	0	0	0	0	0	0	0.00
B-Baria	21	8387	2156	1597	1181	433	0	0	474	14228	51.31
Chandpur	15	1730	812	16	123	20	0	0	0	14228	534.71
Chittagong	8	350	66	0	22	0	0	0	0	28456	0.02
Comilla	75	33197	19745	10380	2494	512	571	618	67	42684	2834.23
Coxes Bazar	10	174	25	0	2	0	0	0	0	71141	779.29
Feni	16	4212	1291	0	454	0	0	0	49	113825	56.32
Khagrachari	0	0	0	0	0	0	0	0	0	184966	0.00
Lakshmipur	11	905	211	0	0	0	0	0	13	298791	185.59
Noakhali	22	3007	2374	1859	80	0	0	0	504	483756	3713.03
Rangamati	0	0	0	0	0	0	0	0	0	782547	0.00
Ctg. Div.	**178**	**51962**	**26679**	**13853**	**4356**	**965**	**571**	**618**	**1107**	**1266304**	**8154.52**
Habiganj	5	2290	716	0	445	19	0	0	0	3471	0.00
Maulavi Bazar	6	5688	547	0	2188	0	0	0	0	8422	899.18
Sunamganj	5	1006	547	77	186	0	0	0	33	1849	7.19
Sylhet	3	279	33	0	33	0	0	88	5	438	0.00
Sylhet Div.	**19**	**9263**	**1843**	**77**	**2852**	**19**	**0**	**88**	**38**	14179	**906.38**
TOTAL	**818**	**253741**	**178576**	**103400**	**28523**	**29183**	**8474**	**16253**	**32486**	**650636**	**25773**
%	**-**	*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, *2017*

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	42	46	136	6	May to June	2	166	2000
Sirajganj	Shahjadpur	Sonatali, Belotia, Tarotia.	Jamuna	10	23	33	9	June to July	2	40	3000
Sirajganj	Chauhali	Khashkaolia, Basotia, Gorjan, Omarpur	Jamuna	7	13	54	8	May to June	2	931	1500
Sirajganj	Belkuchi	Khiramatia, Delua, Thakurpara, Jangalia	Jamuna	16	26	22	11	June to July	2	192	3200
Sirajganj	Kazirpur	Magai, Khudbandi, Shingrabari, Shuvagacha	Jamuna	7	14	64	8	May to June	2	187	2000
Pabna	Bera	Raksha, Nagarbari	Jamuna	5	23	72	7	May to June	2	181	2000
Jamuna Total				***87***	***145***	***381***	***49***	-	-	***1697***	--
Natore	Lalpur	Lakshmipur, Beelmatia	Padma	6	33	6	3	Aug to Sept	2	49	4000
Pabna	Eshardi	Kamarpur, Sharagat, dadapur	Padma	11	36	34	10	June to July	2	135	1200
Rajshahi	Ghudaghari	Alipur, Chakpara, Kharijagati	Padma	7	35	170	7	July to Sept	3	191	4000
Rajshahi	Poba	Berpara, Shyampur, Char Khidirpur, Talaimari	Padma	28	46	187	27	July to Aug	2	172	650
Rajshahi	Chargat	Tangon Shapur, Yousofpur, Raotha, Chargatbridge, Mongli	Padma, Baral	13	87	32	32	June to Sept	4	1388	1640
Rajshahi	Bagha	Sharerhat, Alaipur, Morshidpur, Mirgonj	Padma	4	12	8	5	Aug to Sept	2	12	3200
Faridpur	Faridpur sadar	North channel, Decreer char, C&B ghat	Padma	6	19	73	12	June to July	3	139	2500
Padma Total				***75***	***268***	***510***	***96***	-	-	***2086***	--
Faridpur	Sadarpur	Karalcandi, Char Valashia, Chandrapara, Chudhurihat	Arial Kha	5	20	72	8	June to July	3	253	2500
Arialkha Total				***5***	***20***	***72***	***8***	-	-	***253***	--
Faridpur	Modhukhali	Modhumati, Nawapara, Dyayaramara	Gharai/ Modhumati	10	30	122	11	June to Aug	3	103	3000
Magura	Sripur	Kudla, Mashioala, Langalband, Ananda nagar, Gangaramkhali	Gharai	19	77	302	20	June to Aug	3	353	3000
Magura	Mohammadpur	Naderchad ghat, Kumarpur, Alanbari, Babukhali	Modhumati	5	15	50	3	July to Aug	2	60	3000
Magura	Magura sadar	Kalinagar ghat, Ghayshpur ghat	Modhumati	4	8	4	4	July to Aug	2	55	3000
Gharai, Modhumati Total				***38***	***130***	***478***	***38***	-	-	***571***	--
Sylhet	Golapgonj	Hajipur	Surma	2	2	2	1		2	6	3000
Surma Total				***2***	***2***	***2***	***1***		***2***	***6***	--
Gaibandha	Shagatta	Munshir hat	Brahmaputra	2	6	14	2	June to July	1	35	1700
Gaibandha	Fulshari	3rd Ghat, Rasulpur	Brahmaputra	7	21	77	5	June to July	1	81	1400
BrahmaputraTotal				***9***	***27***	***91***	***7***			***116***	--
Chittagong	Hathazari	Katakhalighona, Mardarsha, Masuagona,	Halda	189	726	351	338	Apr to June	3	199	34000
Chittagong	Rawzan	Khalifarghona, Ramdashat, Keraltalir Bak	Halda	99	541	256	256	Apr to June	3	139	45000
Halda Total				***288***	***1267***	***607***	***594***			***338***	--
Country Total				**502**	**1857**	**2139**	**792**			**5067**	--

Table 3.39. Year-wise Annual Export of Fish and Fish Product (*2000-01 to 2016-17*)

Quantity in Metric Ton ***Value in Core Taka*** ***1 US Dollar = 80.59Taka***

Year	Frozen Shrimp/ Prawn		Live Fish		Frozen Fish		Chilled Fish		Dry fish		Salted/ dehydrated fish		Crab & Kuchia		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	
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	0.30	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	0.00	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	0.00	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	0.00	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
2016-17	39705.85	3682.26	0.00	0.00	8281.23	236.65	4123.55	94.99	2296.69	30.19	206.9	18.57	12882.5	220.26	0.16	0.08	808.80	4.65	68305.68	4287.64	1.51

Source : EPB (Export Promotion Bureau) and FIQC (Fish Inspection and Quality Control), Department of Fisheries.Note : Chilled fish was included in the column of frozen fish before the year 2010-11. 2. Exported Crab & Kuchia are live (2016-17). Crab - 196.52 MT & Value -15.77 crore and Kuhia - 12685.98 MT & value-204.48 crore taka

Exported Frozen Shrimp/ Prawn in 2016-17

	(MT)	Core Taka
Galda	6627.37	820.28
Bagda	29323.22	2656.05
Others	3755.27	205.93
Total	***39705.86***	***3682.26***

Table 3.40. Sector-wise Annual Fish Production from 2005-06 to 2016-17

[Unit : Metric Ton]

Year	Capture					Culture							Marine		Total	Growth Rate (%)
	River	Sundar bans	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
2016-17	271639	18086	98117	9982	765782	1833118	215547	8002	246406	14421	13368	2490	108479	528997	4134434	6.60

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 2016-17

[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	2016-17
1	Major Carp	509995	535492	547652	617761	692597	753572	777005	731662	728695	755074	750880	811588
2	Other Carp	9303	9821	9339	11155	64359	55021	60356	54130	80138	80997	80647	100730
3	Exotic Carp	257739	292961	333452	305938	376006	265375	299494	402490	389642	363737	357933	409801
4	Pangas (Cat Fish)									371068	406818	504674	510097
5	Other Cat Fish	34104	58588	85869	117856	208972	221965	288887	360722	81536	64537	65130	66646
6	Snake Head	101309	102686	110460	122093	113989	117577	89351	53305	60282	69305	70106	72991
7	Live Fish	60292	58158	75286	77113	101368	94000	95063	102651	115185	133512	136113	127120
8	Tilapia									298062	347801	377346	370017
9	Other Inland fish	634829	643160	643876	646085	575620	710853	763668	835457	524488	542711	568446	598923
10	Hilsha	277123	279189	290000	298921	313753	339845	346512	351223	385140	387211	394951	496417
11	Shrimp/Prawn	211010	221131	223095	244972	186418	239460	252523	228769	223788	230244	234188	246774
12	Crab	0	0	0	0	0	0	0	0	0	0	13160	14421
13	Sardine	0	0	0	0	0	0	20187	29636	27590	32835	44386	48704
14	Bombay Duck	39331	36009	36980	58263	58464	60750	62817	71745	51673	53950	58545	69230
15	Indian Salmon	1018	969	1040	7733	7733	4521	3030	2445	1960	1020	895	775
16	Pomfret	12023	13061	16728	46643	50245	40478	39537	29693	23355	11437	10593	10686
17	Jew Fish	32538	35214	33803	38414	35514	36639	37929	30600	36170	31826	31894	33768
18	Sea Cat Fish	18151	18131	20534	16515	16722	17193	19700	8594	9719	9476	8695	8424
19	Shark/ Skate / Ray	4448	4790	4767	3933	4794	4205	3865	5017	5648	5093	4622	4495
20	Other Marine Fish	125332	130651	130415	87975	92644	100233	101858	112115	133976	156661	165120	132827
	Total	**2328545**	**2440011**	**2563296**	**2701370**	**2899198**	**3061687**	**3261782**	**3410254**	**3548115**	**3684245**	**3878324**	**4134434**

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.

Table 3.42: Fish Production Trend (1983-84 to 2016-17)

Sector of Fisheries	Production (MT)						*Growth Rate % (2016-17)*
	1983-84	**1993-94**	**2003-04**	**2013-14**	**2015-16**	**2016-17**	
1. River and Estuary	207766	143425	137337	167373	178458	271639	*52.23*
2. Sundarbans	7783	7127	15242	18366	16870	18086	*7.21*
3. Beel	51373	55592	74328	88911	95453	98117	*2.79*
4. Kaptai Lake	4057	6635	7238	8179	9589	9982	*4.10*
5. Floodplain	200616	360597	497922	712976	747872	765782	***2.39***
Capture Total	**471595**	**573376**	**732067**	**995805**	**1048242**	**1163606**	***11.01***
6. Pond	107944	222542	795810	1526160	1719783	1833118	*6.59*
7. Seasonal cultured waterbody	0	0	0	193303	207658	215547	*3.80*
8. Baor	862	2201	4282	6514	7729	8002	*3.53*
9. Shrimp/Prawn Farm	8219	39447	114660	216447	239798	246406	*2.76*
10. Crab**	0	0	0	0	13160	14421	*9.58*
11. Pen Culture	0	0	0	13054	13364	13368	*0.03*
12. Cage Culture***	0	0	0	1447	2062	2490	*20.76*
Culture Total	**117025**	**264190**	**914752**	**1956925**	**2203554**	**2333352**	***5.89***
Inland Fisheries Total	**588620**	**837566**	**1646819**	**2952730**	**3251796**	**3496958**	***7.54***
Marine Fisheries	--						
13. Industrial	14500	12454	32606	76885	105348	108479	*2.97*
14. Artisanal	150382	240590	422601	518500	521180	528997	*1.50*
Marine Fisheries Total	**164882**	**253044**	**455207**	**595385**	**626528**	**637476**	***1.75***
Total Fish Production	**753502**	**1090610**	**2102026**	**3548115**	**3878324**	**4134434**	***6.60***

Annexure - 1

Schedules of Fish Catch Assesment 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	

River-2

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/Illish								
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.

River-3

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 ----------

3) **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**
		Estimated Total of Sample-1	Estimated Total of Sample-2	Average Total	
		(A)	(B)	(A+B)/2	
		Kg	Kg	Kg	MT
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 = Estmated total catch for beginning of the month.
B = Estmated total catch for ending of the month.

Signature

River-4

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

Pond-2

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

Signature

Pond-3

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					

3) **Fertilizer & Feeding**

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

3) **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*** **Semi-intensive** ***1.5-4 MT/Ha***
Intensive ***4>-10MT/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	Tk/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															

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 **Pond-4**
Fisheries Resources Survey System
Department of Fisheries

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

Beel-2

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	Previous day	Sample day	Previous day	Sample day	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**

Beel-3

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	Average catch	Total catch	Average catch	Total catch	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

Beel-4

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)**
		1st day	2nd day	3rd day	4th day	5th day	6th 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**

Beel-5

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 kata for whole season---------- (N)
8. Number of sample kata observed ---------- (n)
9. Raising Factor = N/n = ----------

Sp. Code	**Species**	**Catch of Sample Kata 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 =								

Beel-6

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**

Subsistence/Floodplain Fisheries :

Form-S1/F1

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

List of Hundred Household

Sl No.	Head of Household	Location	Fishing Ground	Fishing Season												Remarks
				J	A	S	O	N	D	J	F	M	A	M	J	
1.																
2.																
3.																
100.																

Fishing ground : Large river, small river, pond, beel, baor, shrimp farm, canal, creek, ditch, swamp, paddy field or flood water.

Government of the People's Republic of Bangladesh **Form-S2/F2**
Fisheries Resources Survey System
Department of Fisheries

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

3) Gross tonnage : …….M. tons. 5. Whether possessing valid fishing licese: Yes/No.

OBSERVATION

6. (a) Date of department 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 ……. Longitude ……...E.
10. Catch data of the last fishing trip :

(a) Shrimp

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

(b) Fish

Species	Weight in Kg.
Pomfert	
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 sizeat cod-end:…….....mm.

Length of head rope……
Gear used: Single/double.

12. Number of Officers and crew on board:

	Local	Foreign
Officer	……	…….
Crew	……	……
Total	…….	……

13. Expect date of departure for the next fishing trip……..
14. Remarks: ……..

Name and signature of inspecting officer:
Date:

Form - MI - 2

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.

Form - MI - 3

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 ground	La.						
	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							

Form - MI - 4

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.

xxx

Form : MA - 2

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 [ ]	No. of all landings [ ]		No. of Sample landings [ ]			
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	River			Marine		Beel				Haor		Floodplain					Total Production (4+5+6+7+9+11 +13+15 +18)
							Natural		Under Beel Nursery Program				Natural		Under fry released Program			
		Area	Production		Production		Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	No of Fry Released (Lakh)	Prod.	
			Hilsa	Other Fish	Hilsa	Other Fish												
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*** ***< 1.5 MT/Ha***
2) Semi-intensive ***1.5 - 4.0 MT/Ha***
3) Intensive ***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													
			Production				Production																	
		Area	Golda	Other Shrimp	Fish	Area	Bagda	Golda	Other Shrimp	Fish	Area	Prod.	Area	Pro.	Area	Pro.	Area	Pro.	No	Av. area/ Cage (Sq. meter)	Pro.	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

Annexure - 2

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
Afshan Noor	Scientific Officer Department of Fisheries
Kazi Mofizul Hoque	Statistical Officer Department of Fisheries
Halima Akhter	Cartographer Department of Fisheries
Md. Tazul Islam	Fishery Survey Officer Department of Fisheries
Umma-Un- Arifa	Assistant Cartographer Department of Fisheries
Md. Abdul Karim	Fishery Survey Officer Department of Fisheries

Annexure -3

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
বাংলাদেশ পরিসংখ্যান ব্যুরো
সেন্সাস উইং
পরিসংখ্যান ভবন, ই-২৭/এ, আগারগাঁও, ঢাকা-১২০৭

নং: ৫২.০১.০০০০.৪০০.১৬.০৩৬.১৬. ৪০৮

তারিখ: ২৭ আশ্বিন, ১৪২৪
২২ অক্টোবর, ২০১৭

বিষয় : পরিসংখ্যান আইন, ২০১৩ অনুযায়ী মৎস্য অধিদপ্তরের "Yearbook of Fisheries Statistics of Bangladesh, 2016-17" শীর্ষক পুস্তিকা প্রকাশে শর্তসাপেক্ষে অনাপত্তি প্রদান।

সূত্র: মৎস্য অধিদপ্তরের-এর পত্র নং- ৩৩.০২.০০০০.১২৫.৬৯.০০২.১৩.৯৬ তারিখ: ০৭/০৮/২০১৭ খ্রি.।

উপর্যুক্ত বিষয় ও সূত্রস্থ পত্রের পরিপ্রেক্ষিতে মৎস্য অধিদপ্তর কর্তৃক প্রস্তুতকৃত "Yearbook of Fisheries Statistics of Bangladesh, 2016-17" শীর্ষক প্রতিবেদনটি প্রকাশের নিমিত্ত এতদসঙ্গে সংযুক্ত ফরম-২ অনুযায়ী শর্তসাপেক্ষে অনাপত্তি প্রদান করা হলো।

সংযুক্তি: ফরম-২।

মো. আমীর হোসেন
মহাপরিচালক
(অতিরিক্ত সচিব)
ফোন: ০২-৯১১২৫৮৯
ইমেইল: dg@bbs.gov.bd

মহাপরিচালক
মৎস্য অধিদপ্তর
বাংলাদেশ, ঢাকা।

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 of Bangladesh, 2016-17" শীর্ষক প্রতিবেদন প্রকাশের নিমিত্ত অনাপত্তি প্রদান করা হলো।

শর্তসমূহঃ

(১) ভবিষ্যতে তথ্য সংগ্রহের পূর্বেই অনাপত্তি গ্রহণের জন্য আবেদন করতে হবে;
(২) পরবর্তীতে কাজ করার পূর্বে জরিপের Sampling Frame ও Methodology Update করতে হবে;
(৩) রিপোর্টের শুরুতে Executive Summary সংযুক্ত করতে হবে;
(৪) তথ্য সংগ্রহের পূর্বে প্রতিবছর তথ্য সংগ্রহকারীদের যথাযথ প্রশিক্ষণ প্রদান নিশ্চিত করতে হবে;
(৫) তথ্য সংগ্রহ ও রিপোর্ট প্রণয়নের সাথে জড়িত কর্মকর্তা/কর্মচারীদের প্রশিক্ষণ এবং মাঠ পর্যায়ে তথ্য সংগ্রহের কাজে জাতীয় পরিসংখ্যান সংস্থা হিসেবে বিবিএস-কে সম্পৃক্ত করতে হবে; এবং
(৬) রিপোর্ট প্রণয়নে তথ্য সংগ্রহ থেকে শুরু করে প্রতিবেদন প্রস্তুত পর্যন্ত পেশাদারিত্ব নিশ্চিত করতে বিশেষজ্ঞ সংশ্লিষ্টতা নিশ্চিত করতে হবে।

মো. আমীর হোসেন
মহাপরিচালক
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গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
বাংলাদেশ পরিসংখ্যান ব্যুরো
সেন্সাস উইং
পরিসংখ্যান ভবন, ই-২৭/এ, আগারগাঁও, ঢাকা-১২০৭

নং: ৫২.০১.০০০০.৪০০.১৬.০৩৬.১৬.৪০৭

তারিখ: ২৭ আশ্বিন, ১৪২৪ / ১২ অক্টোবর, ২০১৭

বিষয়: ১২/০৯/২০১৭ খ্রি. তারিখে অনুষ্ঠিত "Yearbook of Fisheries Statistics of Bangladesh, 2016-17" পুস্তিকা প্রকাশে অনাপত্তি প্রদান বিষয়ে জরিপ/শুমারি প্রস্তাব পরীক্ষা, অনুমোদন ও পরিবীক্ষণ কমিটি'র সভার কার্যবিবরণী।

১.১ সভার তারিখ ও সময় : ১২ সেপ্টেম্বর, ২০১৭ সময়: সকাল ১১:০০ 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 কমিটি'র সদস্য-সচিব কে অনুরোধ জানান। সদস্য-সচিব ও পরিচালক, সেন্সাস উইং সকলকে অবগত করেন যে, মৎস্য ও প্রাণিসম্পদ মন্ত্রণালয়ের আওতাধীন মৎস্য অধিদপ্তর কর্তৃক প্রস্তুতকৃত "Yearbook of Fisheries Statistics of Bangladesh, 2016-17" শীর্ষক প্রতিবেদনটি প্রকাশের নিমিত্ত অনাপত্তি প্রদানের অনুরোধ করে নির্ধারিত ফরম-১ এর মাধ্যমে আবেদন জানানো হয়েছে। পরিসংখ্যান আইন, ২০১৩ এর ধারা ১১-এ বর্ণিত 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। বর্ণিতাবস্থায়, মৎস্য অধিদপ্তর কর্তৃক প্রস্তুতকৃত "Yearbook of Fisheries Statistics of Bangladesh, 2016-17" শীর্ষক প্রতিবেদনটি প্রকাশে অনাপত্তি প্রদান বিষয়ে বিস্তারিত আলোচনাপূর্বক সিদ্ধান্ত গ্রহণ করা প্রয়োজন। তিনি এ পর্যায়ে সভাপতির অনুমতিক্রমে সভায় উপস্থিত মৎস্য অধিদপ্তরের প্রতিনিধি কে আলোচ্য প্রতিবেদনের উপর বিস্তারিত উপস্থাপনা প্রদানের অনুরোধ জানান। অতঃপর সভায় মৎস্য অধিদপ্তরের প্রতিনিধি "Yearbook of Fisheries Statistics of Bangladesh, 2016-17" শীর্ষক প্রতিবেদন-এর Methodology, Objective, Questionnaire, Data collection, Analysis প্রক্রিয়া ও রিপোর্ট প্রণয়ন পদ্ধতি 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। সভায় "Yearbook of Fisheries Statistics of Bangladesh, 2016-17" শীর্ষক প্রতিবেদন-এর Methodology, Objective, Questionnaire, Data collection, Analysis প্রক্রিয়া ও রিপোর্ট প্রণয়ন পদ্ধতি সম্পর্কে বিস্তারিত আলোচনা হয়। আলোচনার শুরুতেই পরিচালক, এগ্রিকালচার উইং, বিবিএস বলেন, জরিপটিতে ১৯৮৩ সালের Sampling Frame ব্যবহার করা হচ্ছে, এ বিষয়টি প্রতিবেদনে উল্লেখ থাকা প্রয়োজন এবং বর্তমানে অবশ্যই নতুন Frame প্রয়োজন। এ বিষয়ে একমত পোষণ করে পরিচালক, ইন্ডাস্ট্রি অ্যান্ড লেবার উইং, বিবিএস বলেন, পরবর্তীতে কাজ করার পূর্বে Methodology Update করতে হবে। এ বিষয়ে বিবিএস গাইডলাইন দিয়ে সহযোগিতা করতে পারে বলে তিনি মত ব্যক্ত করেন।

৩.২। পরিচালক, ন্যাশনাল অ্যাকাউন্টিং উইং, বিবিএস GDP-তে মৎস্য খাতের শেয়ার নির্ধারণের সুবিধার্থে কিছু নির্দিষ্ট প্রজাতির উপর (যেমন- ইলিশ, পাংগাশ, তেলাপিয়া ইত্যাদি) আলাদাভাবে জরিপ করা যেতে পারে বলে মত প্রকাশ করেন। আলোচনায় অংশ নিয়ে

উপপরিচালক (ডাটা ম্যানেজমেন্ট), সেন্সাস উইং, বিবিএস সভার দৃষ্টি আকর্ষণ করেন যে, আইন ও বিধি অনুযায়ী তথ্য সংগ্রহের পূর্বেই বিবিএস-এর অনাপত্তি গ্রহণের বিধান রয়েছে, রিপোর্ট প্রকাশের পূর্বে নয়। ভবিষ্যতে তথ্য সংগ্রহের পূর্বেই বিবিএস-এর অনাপত্তি গ্রহণ করা উচিত হবে বলে তিনি মত ব্যক্ত করেন। এছাড়াও তিনি মৎস্য সাবসেক্টরসমূহের Definition গুলো সহজীকরণ করা, রিপোর্টে Concepts & Definitions সংযুক্ত করা এবং রিপোর্টের শুরুতেই Executive summary সংযুক্ত করার বিষয়ে মত দেন।

৩.৩। আলোচনায় অংশ নিয়ে ড. এম. লুৎফর রহমান, সহযোগী অধ্যাপক, আইএসআরটি, ঢাকা বিশ্ববিদ্যালয় বলেন, জরিপের কোন স্টেজে কোন Sampling Method ব্যবহার করা হয়েছে প্রতিবেদনে সে বিষয়ে বর্ণনা থাকা প্রয়োজন। তিনি গুরুত্বপূর্ণ এ কার্যক্রমে পেশাদারিত্ব নিশ্চিত করাসহ তথ্য সংগ্রহ থেকে শুরু করে প্রতিবেদন প্রস্তুতের কাজে সব ধরনের অসংগতি দূর করতে জাতীয় পরিসংখ্যান সংস্থা হিসেবে বিবিএস-কে সম্পৃক্ত করা এবং একইসাথে কাজটি একজন বিশেষজ্ঞের তত্ত্বাবধানে সম্পন্ন করা প্রয়োজন বলে মত ব্যক্ত করেন।

৩.৪। এ পর্যায়ে উপসচিব, পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগ বলেন, জরিপের Methodology Update করতে হবে। তথ্য সংগ্রহের পূর্বেই বিবিএস-এর সাথে যোগাযোগ করা হলে বিবিএস সব ধরনের কারিগরি সহায়তা দিতে পারবে বলে তিনি মনে করেন। পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগের সিনিয়র সহকারী সচিব প্রকাশনার মান ও অধ্যায়, বিষয় ইত্যাদির ধারাবাহিকতা বিবিএস-এর প্রকাশনার মত করা যেতে পারে বিষয়ে মত ব্যক্ত করেন।

৩.৫। আলোচনায় অংশ নিয়ে সদস্য-সচিব ও পরিচালক, সেন্সাস উইং উল্লেখ করেন যে, প্রতিবেদনটিতে SDG সম্পর্কিত তথ্য/উপাত্ত সন্নিবেশ করতে হবে। মৎস্য অধিদপ্তরের যে সকল কর্মকর্তা/কর্মচারী তথ্য সংগ্রহ ও রিপোর্ট প্রণয়নের সাথে জড়িত তাদেরকে তথ্য সংগ্রহ, প্রক্রিয়াকরণ, বিশ্লেষণ এ সকল বিষয়ে বিস্তারিত প্রশিক্ষণ প্রদান করতে হবে। প্রশিক্ষণ কর্মসূচিতে মৎস্য অধিদপ্তর হতে অনুরোধ করা হলে প্রয়োজনে বিবিএস হতে রিসোর্স পারসন প্রেরণ করা যেতে পারে বলে তিনি মত ব্যক্ত করেন।

৩.৬। 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 প্রস্তাবিত "Yearbook of Fisheries Statistics of Bangladesh, 2016-17" প্রকাশে অনাপত্তি প্রদানে সর্বসম্মতিক্রমে সুপারিশ করা হয়:

(১) ভবিষ্যতে তথ্য সংগ্রহের পূর্বেই অনাপত্তি গ্রহণের জন্য আবেদন করতে হবে;
(২) পরবর্তীতে কাজ করার পূর্বে জরিপের Sampling Frame ও Methodology Update করতে হবে;
(৩) রিপোর্টের শুরুতে Executive Summary সংযুক্ত করতে হবে;
(৪) তথ্য সংগ্রহের পূর্বে প্রতিবছর তথ্য সংগ্রহকারীদের যথাযথ প্রশিক্ষণ প্রদান নিশ্চিত করতে হবে;
(৫) তথ্য সংগ্রহ ও রিপোর্ট প্রণয়নের সাথে জড়িত কর্মকর্তা/কর্মচারীদের প্রশিক্ষণ এবং মাঠ পর্যায়ে তথ্য সংগ্রহের কাজে জাতীয় পরিসংখ্যান সংস্থা হিসেবে বিবিএস-কে সম্পৃক্ত করতে হবে; এবং
(৬) রিপোর্ট প্রণয়নে তথ্য সংগ্রহ থেকে শুরু করে প্রতিবেদন প্রস্তুত পর্যন্ত পেশাদারিত্ব নিশ্চিত করতে বিশেষজ্ঞ সংশ্লিষ্টতা নিশ্চিত করতে হবে।

৫.০। সভায় 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):

০১. সদস্য, সাধারণ অর্থনীতি বিভাগ, পরিকল্পনা কমিশন, শেরে বাংলা নগর, ঢাকা।