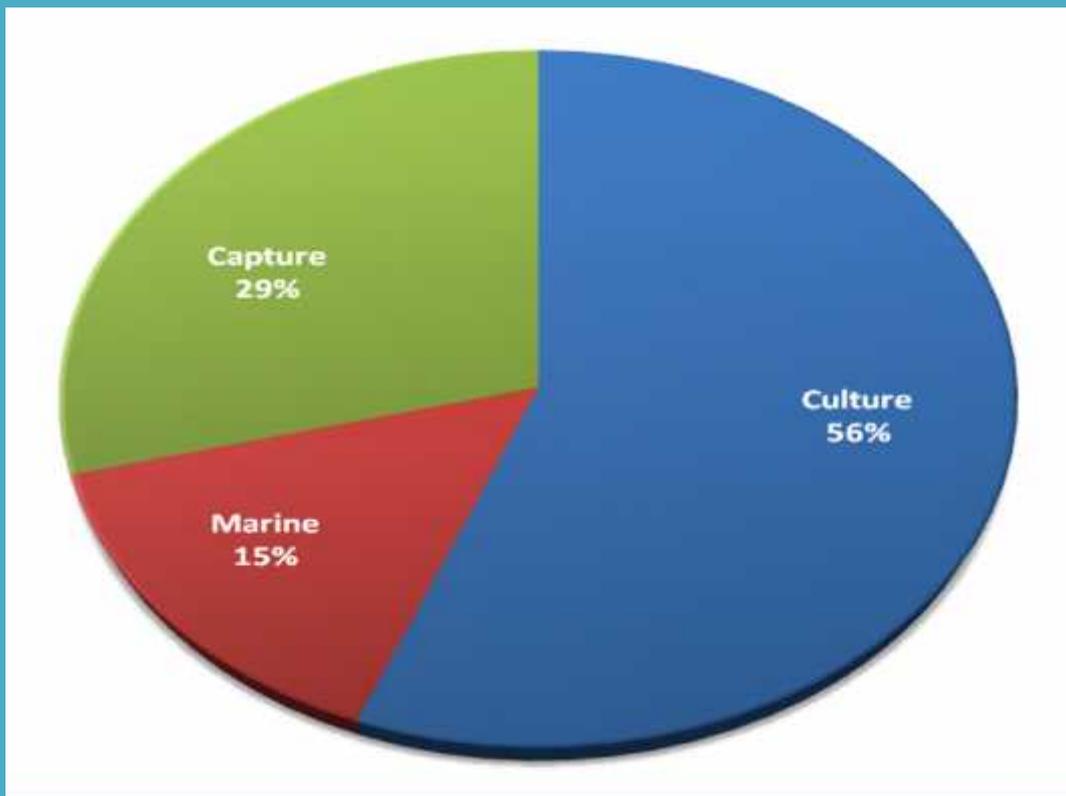




YEARBOOK OF FISHERIES STATISTICS OF BANGLADESH 2017-18



Department of Fisheries Bangladesh
Ministry of Fisheries and Livestock
Government of the People's Republic of Bangladesh
www.fisheries.gov.bd



YEARBOOK OF
FISHERIES STATISTICS OF BANGLADESH
2017-18



Fisheries Resources Survey System
Department of Fisheries Bangladesh
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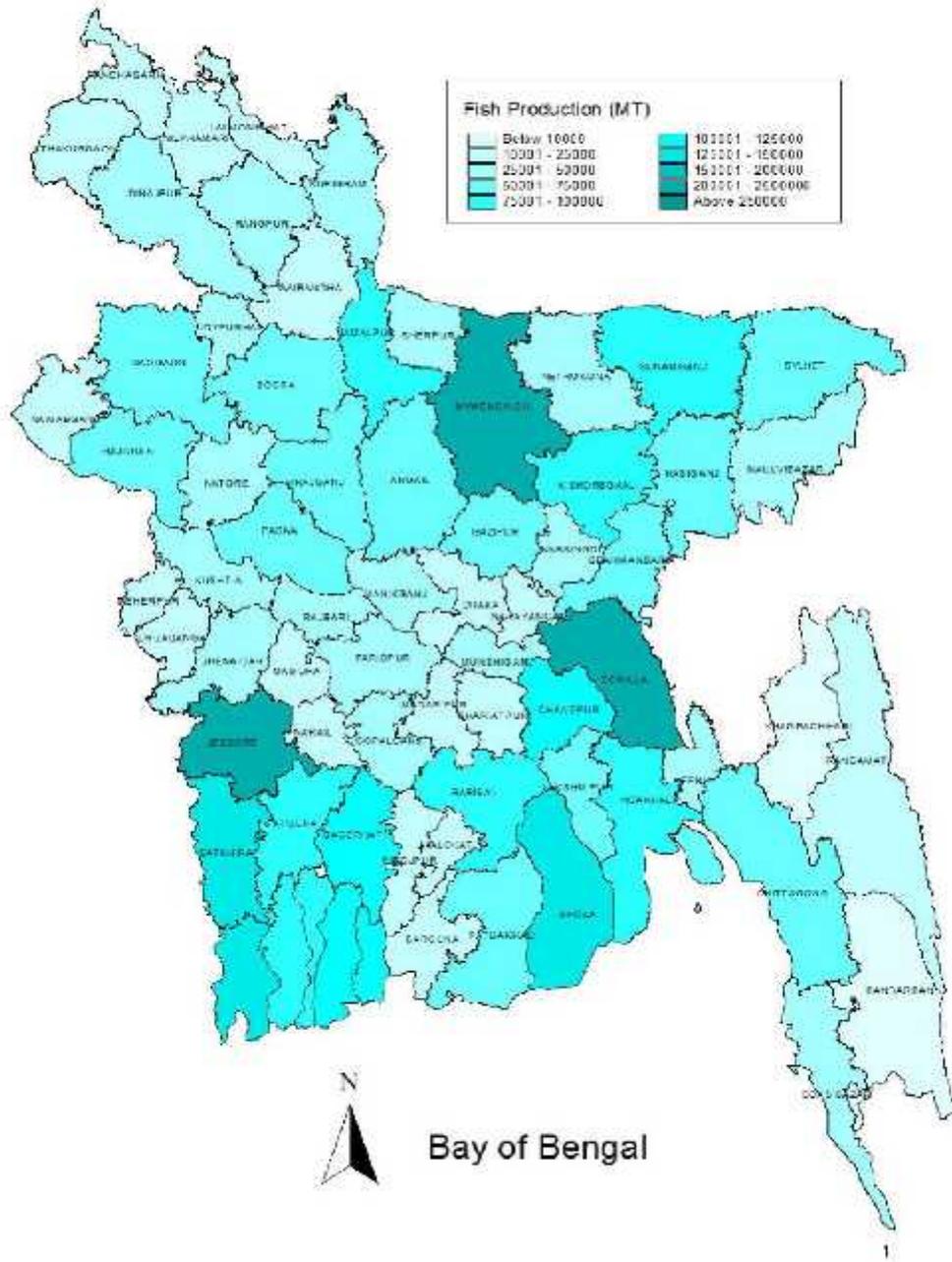
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Acronyms

BBS	Bangladesh Bureau of Statistics
BFDC	Bangladesh Fisheries Development Corporation
CEGIS	Center for Environment and Geographical Information service
CWB	Cultured Waterbody
DoF	Department of Fisheries
FAO	Food and Agriculture Organization
FD	Forest Department
FY	Fiscal 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
SPARRSO	Space Research and Remote Sensing Organization

Districtwise Total Fish Production (Inland Waterbodies) of Bangladesh 2017-2018



PREFACE

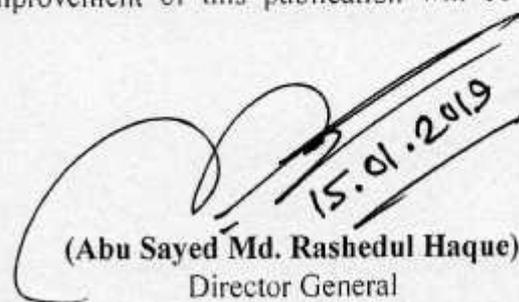
Bangladesh is one of the world's leading fish producing country with a total production of 4.276 million MT in FY 2017-18. Through this remarkable achievement Bangladesh, first time in the history, became self-sufficient country in fish production proving 62.58 g of fish per person in daily dietary consumption. Last 10 years average growth performance of this sector is 5.26 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 2017-18. 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 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 35th 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 Department (BFD), have continuously 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.



15.01.2019

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ACKNOWLEDGEMENTS

Yearbook of Fisheries Statistics of Bangladesh is a regular distinctive and 35th 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 of 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.



15.01.19

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Key Findings

Sectors of Fisheries	2017-18			2016-17			Prod. Increase (MT)	Growth Rate %
	Water Area (Ha)	Prod. (MT)	Productivity (Kg/Ha)	Water Area (Ha)	Prod. (MT)	Productivity (Kg/Ha)		
A. Inland Open Water (Capture)	3927142	1216539	310	3927142	1163606	296	52933	4.55
1. River and Estuary	853863	320598	376	853863	271639	318	48959	18.02
2. Sundarbans	177700	18225	103	177700	18086	102	139	0.77
3. Beel	114161	99197	869	114161	98117	859	1080	1.10
(a) Natural	101428	83455	823	101428	83178	821	277	0.33
(b) Beel Nursery	12733	15742	1236	12733	14939	1173	803	5.38
4. Kaptai Lake	68800	10152	148	68800	9982	145	170	1.70
5. Floodplain	2712618	768367	283	2712618	765782	282	2585	0.34
(a) Subsistence Fisheries	2317175	622581	269	2317175	622521	269	60	0.01
(b) Fry Released Program	166620	48667	292	166620	47178	283	1489	3.16
(c) Haor	228823	97119	424	228823	96083	420	1036	1.08
B. Inland Close Water (Culture)	797851	2405415	3014	833752	2333352	2799	72063	3.09
6. Pond	391753	1900298	4851	384700	1833118	4765	67180	3.67
7. Seasonal cultured waterbody	136622	216353	1620	136273	215547	1582	806	0.37
(a) Paddy Field/ Floodplain	127933	201737	1613	127638	200801	1573	936	0.47
(b) Boropit	8689	14616	1721	8635	14746	1708	(-)130	(-)0.88
8. Baor	5488	8072	1471	5488	8002	1458	70	0.87
9. Shrimp/Prawn Farm	258681	254367	983	272717	246406	904	7961	3.23
(a) Shrimp/Prawn Production	-	122550	474	-	130296	478	(-) 7746	(-) 5.94
(b) Fish Production	-	131817	510	-	116110	426	15707	13.53
(c) Crab Production*	9854	11787	1196	27010	14421	534	(-) 2634	(-)18.27
10. Pen Culture	5294	11015	2081	7564	13368	1767	(-) 2353	(-)17.60
11. Cage Culture**	1.29 lakh cu. meter	3523	27 kg/cum	1.10 lakh cu. meter	2490	25 kg/cum	1033	48.49
C. Marine Fisheries	-	654687	-	-	637476	-	17211	2.71
12. Industrial	-	120087	-	-	108479	-	11608	10.70
13. Artisanal	-	534600	-	-	528997	-	5603	1.06
Total Fish Production		4276641			4134434		142207	3.44
Production of Selected Species								
Hilsa Production (MT)	-	517189	-	-	496417	-	20781	4.19
Shrimp/Prawn Production (MT)	-	254367	-	-	246406	-	7961	3.23

* Crab area is included with Shrimp far area.

** Cage culture area is 1,28,945 cubic meter (12.89 ha). This area is included with River and Estuary area.

Executive Summary

Bangladesh is one of the world's leading fish producing countries with a total production of 42.77 lakh MT in FY 2017-18, where aquaculture production contributes 56.24 percent of the total fish production. Average growth performance of this sector is 5.26 percent for last 10 years. Aquaculture shows a sturdy and consistent growth, average growth rate is almost 10 percent during the same timeframe. It is believed that if the increasing trend of fish production continues, it will be possible to achieve the projected production target of 45.52 lakh MT by 2021 in conformity with the targets of **Vision-2021** of the present Government. After 46 years of independence, Bangladesh becomes a self-sufficient country in fish production, with a per capita fish consumption of 62.58 g/day against set target of 60 g/day.

According to FAO report *The State of World Fisheries and Aquaculture 2018*, Bangladesh ranked 3rd in inland open water capture production and 5th in world aquaculture production. Currently Bangladesh ranks 4th in tilapia production in the world and 3rd in Asia. National fish hilsa as a single species has been making the highest contribution (around 12 percent) to the country's total fish production. **Geographical Indication Registration Certificate** has been achieved for our national fish hilsa.

In 2017-18, this sector contributes 3.57 percent to the national GDP and more than one-fourth (25.30 %) to the agricultural GDP. More than 11 percent of total population of Bangladesh is engaged in 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. DoF awarded **Bangabandhu National Agriculture Award 1423** for its outstanding performance during the recent past years.

This sector is contributing significantly in food and nutrition security through consistently providing safer and good quality animal protein, almost 60 percent of total animal protein supply. Bangladesh earns a considerable amount of foreign currencies by exporting fish, shrimps and other fishery products. In 2017-18, the country earns BDT 430994.00 lakh by exporting almost 68.94 thousand MT of fish and fishery products.

Over the last three decades, the fish production is increased more than five times (7.54 MT in 1983-84 to 42.77 lakh MT in 2017-18). 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. In comparison to 2008-09 FY production (10.63 lakh MT), the aquaculture production became more than double in 2017-18 FY

(24.05 lakh MT). 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 pangas, tilapia 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 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. 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 7.97 lakh ha and produces about 56.24 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 along with development partners and NGOs has implementing different initiatives to maximize fish production in a sustainable manner.

Bangladesh is blessed with huge open water resources with a wide range of aquatic diversity. Biodiversity is also enriched, comprising almost 260 freshwater fish species. But due to mainly decline and degradation of wetland resources, the share of inland capture fisheries has been reduced remarkably during recent past decades. In 1983-84, the contribution of inland capture and culture fisheries to total fish production were 62.59 percent and 15.53 percent, respectively; whereas in 2017-18, inland capture fisheries contributes only 28.45 percent and inland culture fisheries

contributes 56.24 percent to total fish production. Presently government is emphasizing on improved biological management of public waterbodies to minimize further declination of resources and enhance production.

To address the current challenges, several socio-eco-friendly programs are being implemented to increase the productivity of inland open waters in the recent past years. These programs include-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 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, stocking of endangered species, etc. have been undertaken during the recent past years. 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 waterbodies, which ultimately enhanced the aquatic bio-diversity. Besides, for the conservation and development of hilsa fishery six 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 percent of the country's total fish production comes from hilsa. To achieve the increased target of hilsa production, the government is being implementing a unique coordinated management program to protect jatka and brood hilsa. 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 FY 2003-04 (starting of the on-going program) to 5.17 lakh MT in FY 2017-18.

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 2.54 lakh MT in 2017-18. 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 government has maintained quality standards in all stages of fish and shrimp production, processing and export. More emphasis also provided on the hygienic and safe fish and fishery products supply in the domestic market. DoF has strong monitoring on the food supply chain to ensure food safety of the consumers.

Bangladesh possesses vast marine water resources. Despite the abundance of marine waters, only about 15.31 percent of country's total fish production is contributed by the marine sector. The 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) and one marine protected area (MPA) (covering 1738 sq. km) in the Bay of Bengal to protect and preserve the breeding grounds of marine flora and fauna. Another MPA is under declaring stage to achieve the specific **SDG target (14.5.1)**.

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 achieving the SDG targets National Fisheries Policy 1998 and National Fisheries Strategy 2006 are the key policy documents. There are number of acts and rules under this policy which will help support to achieve the SDG targets. The Marine Fisheries Act is now in formulation process which will also be helpful to achieve the SDG targets related to the MoFL. The extension departments,

research institutes and other agencies under the Ministry of Fisheries and Livestock (MoFL) is being implementing various socio-eco-friendly interventions aligning with its mandate. MoFL, in consultation with relevant stakeholders, has already developed ***SDG Action Plan and Monitoring Framework*** through National Mid-Term and Long-Term Development Plans. MoFL has taken necessary initiatives to review the progress of the planned interventions, which eventually contributes to achieve the specific SDG targets. As per GED Handbook on ***Mapping of Ministries by Targets in the Implementation SDGs aligned with 7FYP (2016-2020)***, MoFL has identified as Lead Ministry for the SDG targets- 14.2, 14.4, 14.5, 14.6, 14.7 and 14.b under the ***Goal 14 (Conserve and sustainably use the oceans, seas and marine resources for sustainable development)***.

To achieve the SDG targets/specific global indicators multiple interventions are outlined in the developed action plan incorporating on-going and proposed development projects and programs. Considering the multiple stakeholder engagement for the effective implementation of the planned interventions, institutional linkages among the key stakeholders are active consideration. Capacity building of the agencies is also considered as priority agenda for the ministry for sustainably manage the resources as well as to develop comprehensive data generation and management system of the fisheries sector in a very holistic manner.

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 is being implementing number of development projects toward the sustainable utilization of fisheries resources to ensure food and nutrition security. For the better planning accurate fisheries statistical information is prerequisite. For three and half decades DoF is being publishing this valuable document (***Yearbook of Fisheries Statistics of Bangladesh***) with the very specific objective of providing necessary and precise fisheries production information facilitating resource-based fisheries planning and management.

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. This 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 3.57 percent to our national GDP and around one-fourth (25.30 percent) to the agricultural GDP. This sector provides major (60%) share of animal protein.

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 and cage culture. Again, Marine fisheries include Industrial (Trawl) and Artisanal fisheries.

Yearbook of Fisheries Statistics of Bangladesh, 2017-18 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 regularly.

Department of Fisheries (DoF) Bangladesh usually produces the yearbook for distinctive yearly publication since 1983. This is the 35th 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 2017-18 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 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. Year-wise annual export has also included.

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 3.57% to GDP and 25.30% 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 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	Fisheries in flood lands, including small canals around paddy

(including Haor)	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 waterbody 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:

<u>Sample stage</u>	<u>Sample unit</u>
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:

- For each Principal river, two largest villages and one medium sized village in terms of the number of fishing boats are selected as representatives.
- 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 nursery, where fingerlings have been stocked. On the other hand, one beel has to be selected from productive beel and another from less productive.

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

Physical Condition of Beel & Information

Identification, physical condition and general information as Beel area, management, no. of fishing unit, fishers, no. of gear & type, no. of 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, Chattogram 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 -- Chattogram, 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 Chattogram, North of Chattogram, 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 interval of 15 days. (For example, 7th and 22nd). The sample days, thus selected are to be the same every month.

Sample landing:

When the concern Officer visits a sample landing center of a certain type of gear on a sample day, first he is to make a contact with a well-informed fisherman and ask the expected number of landings (boat arrival for landing) of that particular type of gear during the sample day. This number is to be recorded in the column "No. of all landings" on 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 42.77 lakh MT in 2017-18, whereas inland open water (capture) contributes 28.45 percent (12.17 lakh MT) and inland closed water (culture) contributes 56.24 percent (24.05 lakh MT) to total production. So, 84.69 percent of total production comes from inland fisheries. The growth rates of inland capture and inland culture fisheries are 4.55 and 3.09 percent respectively. On the other hand, Marine fisheries production is 6.55 lakh MT and its contribution to total fish production is 15.31 percent with growth rate 2.71 percent. Overall growth rate of total fish production in 2017-18 is 3.44 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 42.76 lakh MT in 2017-18) 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 2017-18 are 3.21 lakh MT, 0.99 lakh MT, 7.68 lakh MT and 0.10 lakh MT respectively and corresponding growth rates are 18.02, 1.10, 0.34 and 1.70 percent respectively. The respective contributions to total production are 7.50, 2.32, 17.97 and 0.24 percent. Fish production has been increased compare to previous year. The production of Sundarbans fishery has increased, its production is 0.18 lakh M.T, its contribution is 0.43 percent to total production and consequently its growth rate is 0.77 percent.

The fish production (aquaculture) in 2017-18 of pond, seasonal cultured waterbody, baor, shrimp farm, pen culture and cage culture (inland closed waterbody-culture) are 19.00 lakh MT, 2.16 lakh MT, 0.08 lakh MT, 2.54 lakh MT, 0.10 lakh MT, 0.04 lakh MT respectively. Subsequently, the corresponding contributions to total production are 44.43, 5.06, 0.19, 5.95, 0.24 and 0.10 percent respectively. The corresponding growth rates are 3.67, 0.37, 0.87, 3.23, (-) 23.06 and 70.80 percent respectively. Crab production is 0.12 lakh MT which is included from 2015-16 in the yearbook. The aquaculture production became more than double (9.19 lakh MT in 2005-06 to 24.05 lakh MT in 2017-18) 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 2017-18, inland capture fisheries contributes only 28.45 percent and inland culture fisheries contributes 56.24 percent to total fish production. Total marine fisheries production is 6.55 lakh MT (Industrial is 1.20 lakh and Artisanal is 5.35 lakh MT) and its growth rate is 2.71 percent.

Hilsa (Ilish) is the national fish of Bangladesh. About 12.09 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 5.17 lakh MT in 2017-18. The growth rate of hilsa production is 4.19 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 2.54 lakh MT in 2017-18 and its growth rate is 3.23

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 major findings are presented in the below tables.

Table 3.1. Sector-wise Annual Fish Production in Inland and Marine Fisheries, 2017-18

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	320598	7.50	376 kg/ha
2. Sundarbans	177700	18225	0.43	103 kg/ha
3. Beel	114161	99197	2.32	869 kg/ha
4. Kaptai Lake	68800	10152.	0.24	148 kg/ha
5. Floodplain	2712618	768367	17.97	283 kg/ha
Capture Total	3927142	1216539	28.45	
(ii) Inland Closed Water (Culture)				
6. Pond	391753	1900298	44.43	4851 kg/ha
7. Seasonal cultured water body	136622	216353	5.06	1584 kg/ha
8. Baor	5488	8072	0.19	1471 kg/ha
9. Shrimp/Prawn Farm	258681	254367	5.95	983 kg/ha
10. Crab *	9854*	11787	0.28	1196 kg/ha
11. Pen Culture	5294	11015	0.24	2081 kg/ha
12. Cage Culture **	1.29 lakh cu. meter **	3523	0.10	27 kg/cu. m
Culture Total	797851	2405415	56.24	
Inland Fisheries Total	4724993	3621954	84.69	
B. Marine Fisheries				
13. Industrial (Trawl)		120087	2.81	
14. Artisanal		534600	12.50	
Marine Fisheries Total		654687	15.31	
COUNTRY TOTAL		4276641	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. 4856 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 area.
- ** Cage culture area is 1,28,946 cubic meter (12.89 ha). This area is included with River and Estuary area.

Table 3.2. Species/Group-wise Annual Fish Production in Inland and Marine Fisheries, 2017-18

[Unit: Metric Ton]

Sl. No.	Species/Group	Inland Fisheries	Marine Fisheries	Total	%
1	Major Carp	846397	0	846397	19.79
2	Other Carp	111373	0	111373	2.60
3	Exotic Carp	454078	0	454078	10.62
4	Pangas (Cat Fish)	453383	0	453383	10.60
5	Other Cat Fish	68850	0	68850	1.61
6	Snake Head	73358	0	73358	1.72
7	Live Fish	144007	0	144007	3.37
8	Tilapia	381215	0	381215	8.91
9	Other Inland fish	554558	0	554558	12.97
10	Hilsha/Illish (<i>Tenualosa ilisha</i>)	232698	284500	517198	12.09
11	Shrimp/Prawn	198457	48847	247304	5.78
12	Crab (<i>Scylla Serrata</i> & <i>Scylla Olivacea</i>)	11787	0	11787	0.28
13	Sarpunti (<i>Puntius sarana</i>)	91792	0	91792	2.15
14	Sardine (<i>Sardinella fimbriata</i>)	0	41486	41486	0.97
15	Bombay Duck (<i>Harpondon nehereus</i>)	0	75085	75085	1.76
16	Indian Salmon (<i>Polydactylus indicus</i>)	0	487	487	0.01
17	Pomfret (<i>Rup/ Hail/ Foli Chanda</i>)	0	11899	11899	0.28
18	Jew Fish (<i>Poa, Lambu, Kaladatina</i> etc.)	0	35427	35427	0.83
19	Sea Cat Fish (<i>Tachysurus spp.</i>)	0	9455	9455	0.22
20	Shark/ Skate / Ray	0	3974	3974	0.09
21	Other Marine Fish	0	143527	143527	3.36
TOTAL	Metric Ton	3621954	654687	4276641	100
	%	84.69	15.31	100	

- 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
 - . 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 Waterbodies, 2017-18

[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	3104	0	13061	8	43236	239146	50736	1169	28244	1517	0	380221	10.50
2	Catla	1928	0	8405	16	18521	157571	22632	670	21076	1059	0	231878	6.40
3	Mrigal	1444	0	9148	2	23347	171262	23991	474	3663	967	0	234298	6.47
4	Kalibaus	638	0	1760	37	2820	31063	387	26	0	120	0	36851	1.02
5	Bata	2003	0	1566	12	1163	37279	9807	186	2538	262	0	54816	1.51
6	Gonia	33	0	1048	0	1785	14110	2388	9	187	146	0	19706	0.54
7	Silver carp	0	0	4479	0	2374	184908	34815	1355	14185	826	0	242942	6.71
8	Grass carp	0	0	1971	2	6504	44785	11257	453	616	270	0	65858	1.82
9	Mirror/Common carp	0	0	2480	0	21972	70104	22121	353	580	238	0	117848	3.25
10	Other Exotic carp	0	0	791	0	0	26427	0	38	0	174	0	27430	0.76
11	Pangas	1576	0	178	0	9700	441645	0	0	0	284	0	453383	12.52
12	Boal/Air	3430	0	4532	153	59713	754	115	111	0	42	0	68850	1.90
13	Shol/Gazar/Taki	810	0	3452	18	66642	1982	228	187	0	39	0	73358	2.03
14	Koi	109	0	2784	0	9013	46459	1337	9	0	14	0	59725	1.65
15	Shingi/Magur	104	0	1924	10	54854	27329	45	9	0	7	0	84282	2.33
16	Tilapia/ Nilotica	0	0	1479	10	0	316283	21986	312	38465	2680	3523	384737	10.62
17	Sarpunti/Thai punti	291	0	4150	0	18904	43797	8133	143	15190	1184	0	91792	2.53
18	Other Inland Fish	54601	17245	31850	9780	383334	39174	4628	2236	7073	1115	0	551036	15.21
19	Hilsha	232066	632	0	0	0	0	0	0	0	0	0	232698	6.42
20	Big Shrimp/ Prawn	8564	91	58	102	1843	1871	680	9	119191	0	0	132408	3.66
21	Small Shrimp/ Prawn	9897	258	4081	0	42642	4350	1067	323	3359	71	0	66048	1.82
22.	Crab	0	0	0	0	0	0	0	0	11787	0	0	11787	0.33
T O T A L		320598	18225	99197	10152	768367	1900298	216353	8072	266154	11015	3523	3621954	100
%		8.85	0.50	2.74	0.28	21.21	52.47	5.97	0.22	7.35	0.28	0.12	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 Waterbodies, 2017-18*(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	1153	0	797	0	4855	8155	3539	0	0	140	4	18643
Faridpur	2043	0	478	0	9498	17749	1778	463	5.19	1095.5	2	33112
Gazipur	501	0	1249	0	16795	26151	8559	0	0.54	1206.11	0	54462
Gopalganj	604	0	659	0	6739	15701	1422	92	2072.67	3560.09	29.83	30880
Kishorganj	2398	0	6801	0	40898	22591	5445	0	1.38	985.02	34.35	79154
Madaripur	1346	0	240	0	7893	12153	189	205	150.5	61	483.2	22720
Manikganj	2714	0	544	0	10599	10515	3469	0	7.36	761	0	28610
Munshiganj	3099	0	167	0	12253	11093	4515	0	0	101.7	2.5	31231
Narayanganj	1815	0	117	0	1840	10782	2555	0	0	1004.5	0	18113
Narsingdi	2574	0	1071	0	11931	21651	2307	0	0.44	367	599.5	40501
Rajbari	2888	0	250	0	6217	14548	2015	411	1.88	0	0	26331
Shariatpur	2376	0	35	0	5399	15095	2229	0	44.4	36.7	7	25222
Tangail	1180	0	2281	0	10343	43871	6426	0	0	0	30.8	64131
Dhaka Div.	24691	0	14689	0	145260	230055	44448	1171	2284.36	9318.62	1193.18	473110
Mymensingh	1262	0	6739	0	10809	357816	5885	0	1.49	0	12	382524
Jamalpur	2943	0	3083	0	9664	17244	2651	0	0	730	0	36315
Sherpur	961	0	6582	0	2281	28274	1536	0	0	0	0	39634
Netrakona	1382	0	2409	0	30470	31371	7266	0	2.18	34.68	0	72935
Mymensingh Div.	6548	0	18813	0	53224	434705	17338	0	3.67	764.68	12	531408
Bagerhat	5379	17036.57	20	0	4540	12192	8635	0	64607.96	0	0	112411
Chuadanga	359	0	1074	0	1233	11876	1329	1139	0	0	0	17010
Jashore	956	0	1694	0	35563	118467	26206	2146	37643.13	0	0	250757
Jhenaidah	345	0	1023	0	5812	23365	4860	1174	12.209	0	0	36591
Khulna	3346	676.42	133	0	19129	14906	0	179	56043.48	17	4	87434
Kushtia	1746	0	440	0	3865	18028	1057	690	3.935	21	87.89	25939
Magura	1113	0	313	0	1448	10621	263	651	50.415	0	0	14414
Meherpur	282	0	197	0	763	6872	204	452	0	0	0	8770
Narail	952	0	572	0	3890	4254	464	285	5424.84	0	0	14942
Satkhira	1302	512.25	16	0	13855	33836	9400	185	64875.91	0	0	113006
Khulna Div.	15780	18225.24	5482	0	90099	254417	52418	6901	228661.88	38	91.89	681274
Barguna	5821	0	0	0	2498	6967	601	0	970.21	7.2	32	16673
Barishal	36872	0	23	0	8262	36936	12601	0	3402.1	44.56	0	95928
Bhola	90357	0	0	0	3671	40152	243	0	156.08	0	65.73	134595
Jhalokathi	1674	0	9	0	3641	4710	445	0	54.5	205	28	10950
Patuakhali	25703	0	0	0	9909	18580	114	0	3548	5	12	57281
Pirojpur	3809	0	9	0	3637	7210	1028	0	1631.6	15	36.36	16956
Barishal Div.	164236	0	41	0	31618	114555	15032	0	9762.49	276.76	174.09	332382

(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	290	0	519	0	5897	35857	3459	0	21.31	0	0	46024
Gaibandha	2115	0	463	0	5585	19785	718	0	4.449	7.34	12.7	28687
Kurigram	3854	0	1116	0	10679	15503	3121	0	5.45	143	104.58	34426
Lalmonirhat	202	0	402	0	1509	9868	1320	0	1.43	0	0	13302
Nilphamari	198	0	334	0	3108	13355	161	0	1.977	15.2	0	17173
Panchagarh	121	0	53	0	2605	11958	91	0	1.09	0	8	14837
Rangpur	151	0	1766	0	8214	19462	1383	0	2.896	26	0	30995
Thakurgaon	112	0	201	0	3747	21554	22	0	1.9	0	7	25645
Rang. Div.	7043	0	4854	0	41345	147343	10275	0	40.502	191.54	132.28	211093
Bagura	1053	0	2519	0	4408	67093	752	0	2.365	0	0	75827
C.Nawabganj	2191	0	3348	0	1926	10118	111	0	0	0	90	17694
Joypurhat	195	0	129	0	142	21679	85	0	15.915	0	0	22231
Naogaon	1706	0	4343	0	17009	54470	279	0	1.785	0	132.84	77942
Natore	1480	0	925	0	14486	34759	418	0	5.55	0	21.4	52095
Pabna	4616	0	1470	0	10012	45955	9275	0	8.869	3.35	104	71436
Rajshahi	2728	0	3616	0	7022	54859	6970	0	11.121	0	20.01	75226
Sirajganj	4520	0	674	0	31879	18480	3105	0	0.68	0	104	58668
Raj. Div.	18489	0	17024	0	86882	307412	20995	0	46.285	3.35	472.25	451117
Bandarban	145	0	0	0	126	1021	0	0	4.71	0	0	1294
Brahmanbaria	1953	0	467	0	20720	33459	2741	0	0	0	0	59340
Chandpur	34916	0	312	0	23167	37481	1885	0	128.27	196.48	945.5	99031
Chattogram	2958	0	36	0	626	62840	0	0	1658.06	0	0	67823
Cumilla	961	0	274	0	70699	108262	32993	0	173	59.7	242	213664
Cox's Bazar	2336	0	0	0	1155	4669	82	0	22944.935	0	0	24805
Feni	1390	0	0	0	6569	22368	109	0	63.53	0	26	30526
Khagrachari	211	0	51	0	42	2734	0	0	0	0	0	3038
Lakshmipur	20236	0	0	0	10268	29710	792	0	56.3	0	113	61175
Noakhali	13055	0	0	0	30850	45744	5717	0	320.55	0	0	95671
Rangamati	208	0	0	10152	0	666	36	0	0	41.02	8.41	11111
Ctg. Div.	78367	0	1140	10152	164221	348953	44354	0	25349.355	297.2	1334.91	667473
Habiganj	983	0	3796	0	36025	16330	330	0	0.53	70	20	57465
Moulvi Bazar	477	0	4378	0	20896	18903	747	0	0.84	15	35	45442
Sunamganj	1002	0	23804	0	60904	10053	1135	0	0.58	40.1	57	96957
Sylhet	840	0	5176	0	37891	17571	9281	0	3.72	0	0	70763
Sylhet Div.	3302	0	37154	0	155716	62858	11493	0	5.67	125.1	112	270627
Total	320598	18225	99197	10152	768367	1900298	216353	8072	266154	11015.25	3522.6	3621954
%	8.85	0.50	2.74	0.28	21.21	52.47	5.97	0.22	7.35	0.30	0.10	100.00

Note : Shrimp Farm production including Crab production.

Table 3.5. District-wise Annual Fish Catch of All Rivers, 2017-18

[Unit : Metric Ton]

District	Principal River						Principal River Total (A)	Other River Total (B)	Grand Total (A+B)
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahmaputra			
Dhaka	0	0	706	0	0	0	706	447	1153
Faridpur	0	0	1488	0	0	0	1488	555	2043
Gazipur	0	0	0	0	0	0	0	501	501
Gopalganj	0	0	0	0	0	0	0	604	604
Kishoreganj	0	1018	0	0	0	0	1018	1380	2398
Madaripur	0	0	1112	0	0	0	1112	234	1346
Manikganj	0	0	1613	0	751	0	2364	350	2714
Munshiganj	0	1378	1331	0	0	0	2709	390	3099
Narayanganj	0	1350	0	0	0	0	1350	465	1815
Narshingdi	0	2065	0	0	0	0	2065	509	2574
Rajbari	0	0	1051	1198	0	0	2249	639	2888
Shariatpur	1247	0	653	0	0	0	1900	476	2376
Tangail	0	0	0	0	930	0	930	250	1180
Dhaka Div.	1247	5811	7954	1198	1681	0	17891	6800	24691
Mymensingh	0	0	0	0	0	0	0	1262	1262
Netrakona	0	0	0	0	0	0	0	1382	1382
Jamalpur	0	0	0	0	658	2084	2742	201	2943
Sherpur	0	0	0	0	0	0	0	961	961
Mymensingh Div.	0	0	0	0	658	2084	2742	3806	6548
Bagerhat	0	0	0	0	0	0	0	5379	5379
Chuadanga	0	0	0	0	0	0	0	359	359
Jashore	0	0	0	0	0	0	0	956	956
Jhenaidah	0	0	0	0	0	0	0	345	345
Khulna	0	0	0	0	0	0	0	3346	3346
Kushtia	0	0	0	717	0	0	717	1029	1746
Magura	0	0	0	0	0	0	0	1113	1113
Meherpur	0	0	0	0	0	0	0	282	282
Narail	0	0	0	0	0	0	0	952	952
Satkhira	0	0	0	0	0	0	0	1302	1302
Khulna Div.	0	0	0	717	0	0	717	15063	15780
Barguna	0	0	0	0	0	0	0	5821	5821
Barishal	32757	0	0	0	0	0	32757	4115	36872
Bhola	86800	0	0	0	0	0	86800	3557	90357
Jhalokathi	0	0	0	0	0	0	0	1674	1674
Patuakhali	0	0	0	0	0	0	0	25703	25703
Pirojpur	0	0	0	0	0	0	0	3809	3809
Barishal Div.	119557	0	0	0	0	0	119557	44679	164236

Cont....

[Unit : Metric Ton]

District	Principal River						Principal River Total (A)	Other River Total (B)	Grand Total (A+B)
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma Putra			
Dinajpur	0	0	0	0	0	0	0	290	290
Gaibandha	0	0	0	0	211	1392	1603	513	2116
Kurigram	0	0	0	0	0	3307	3307	548	3855
Lalmonirhat	0	0	0	0	0	0	0	203	203
Nilphamari	0	0	0	0	0	0	0	198	198
Panchagarh	0	0	0	0	0	0	0	121	121
Rangpur	0	0	0	0	0	0	0	151	151
Thakurgaon	0	0	0	0	0	0	0	112	112
Rangpur Div.	0	0	0	0	211	4699	4910	2136	7046
Bagura	0	0	0	0	128	0	128	709	837
C.Nawabganj	0	0	0	1134	0	0	1134	802	1936
Joypurhat	0	0	0	0	0	0	0	185	185
Naogaon	0	0	0	0	0	0	0	1282	1282
Natore	0	0	0	493	0	0	493	835	1328
Pabna	0	0	0	1859	1027	0	2886	1314	4200
Rajshahi	0	0	0	1529	0	0	1529	925	2454
Sirajganj	0	0	0	0	2291	0	2291	1877	4168
Rajshahi Div.	0	0	0	5015	3446	0	8461	7929	16390
Bandarban	0	0	0	0	0	0	0	145	145
Brahmanbaria	0	1318	0	0	0	0	1318	661	1979
Chandpur	32222	0	0	0	0	0	32222	3425	35647
Chattogram	0	0	0	0	0	0	0	6958	6958
Cumilla	0	421	0	0	0	0	421	539	960
Cox's Bazar	0	0	0	0	0	0	0	2333	2333
Feni	0	0	0	0	0	0	0	1324	1324
Khagrachari	0	0	0	0	0	0	0	211	211
Lakshmipur	19270	0	0	0	0	0	19270	234	19504
Noakhali	13399	0	0	0	0	0	13399	101	13500
Rangamati	0	0	0	0	0	0	0	208	208
Ctg. Div.	64891	1739	0	0	0	0	66630	16139	82769
Habiganj	0	187	0	0	0	0	187	796	983
Moulvibazar	0	0	0	0	0	0	0	471	471
Sunamganj	0	0	0	0	0	0	0	844	844
Sylhet	0	0	0	0	0	0	0	840	840
Sylhet Div.	0	187	0	0	0	0	187	2951	3138
Total	185695	7737	7954	6930	5996	6783	221095	99503	320598
%	57.73	2.39	2.41	1.96	1.86	2.12	68.46	31.54	100.00

Growth rate : 18.02%

Table 3.6. Species-wise Annual Fish Catch of All Rivers, 2017-18

[Unit : Metric Ton]

Sl. No.	Species	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma Putra	Other River	Total	%
1	Rui	165	263	242	228	183	197	1826	3104	0.97
2	Catla	111	140	158	150	123	157	1089	1928	0.60
3	Mrigal	90	126	139	61	110	142	776	1444	0.45
4	Kalibaus	0	31	61	45	36	93	372	638	0.20
5	Bata	1612	100	0	0	7	0	284	2003	0.62
6	Ghonia	0	14	0	0	0	0	19	33	0.01
7	Pangas	1079	57	68	189	0	0	183	1576	0.49
8	Boal/Air	784	140	348	210	271	419	1258	3430	1.07
9	Shol/Gazar/Taki	0	0	0	0	0	0	810	810	0.25
10	Koi	0	0	0	0	0	0	109	109	0.03
11	Shingi/Magur	0	0	0	0	0	0	104	104	0.03
12	Sarpunti	0	0	269	0	0	0	22	291	0.09
13	Other Inland Fish	4301	5283	156	4718	4516	4690	30937	54601	17.03
14	Hilsa/Ilish	175322	1077	2692	1117	320	221	51317	232066	72.39
15	Galda	1040	144	3784	15	16	69	271	5339	1.67
16	Bagda	0	0	0	0	0	0	34	34	0.01
17	Harina	0	0	0	0	0	0	3135	3135	0.98
18	Chaka	0	0	37	0	0	0	19	56	0.02
19	Other small shrimp/prawn	1191	362	0	197	414	795	6938	9897	3.09
Total		185695	7737	7954	6930	5996	6783	99503	320598	100.00

Total Production (Principal River) = 221095 M. Ton . Hilsa Production (Principal River) = 180749 M. Ton.

Total Production (Other River) = 99503 M.Ton. Hilsa Production (Other River) = 51317 M. Ton.

Growth rate : 18.02%. (Hilsa : 6.80%)

Table 3.7. Species-wise Annual Fish Catch of Principal River- Meghna, 2017-18

[Unit : Metric Ton]

Sl. No.	Species	Lower Meghna							Upper Meghna							Total	
		Noakhali	Bhola	Barishal	Lakshmipur	Sariatpur	Chandpur	Sub-Total	Munshiganj	Narayanganj	Cumilla	Narshingdi	Brahmanbaria	Kishoreganj	Habiganj		Sub-Total
1	Rui	14	41	44	15	22	29	165	19	0	34	14	88	108	0	263	428
2	Catla	14	19	31	7	18	22	111	16	0	17	8	55	44	0	140	251
3	Mrigal	7	21	16	20	4	22	90	9	0	17	2	42	56	0	126	216
4	Kalibaus	0	0	0	0	0	0	0	2	0	8	0	9	12	0	31	31
5	Bata	149	62	187	1136	0	78	1612	16	0	11	0	26	47	0	100	1712
6	Ghonia	0	0	0	0	0	0	0	0	0	3	0	11	0	0	14	14
7	Pangas	0	142	826	0	27	84	1079	7	0	7	6	14	23	0	57	1136
8	Boal/Air	0	142	540	0	18	84	784	9	0	34	6	65	26	0	140	924
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	189	913	2077	446	38	638	4301	845	1230	168	1857	670	362	151	5283	9584
14	Hilsa/Illish	12945	84993	27615	17447	1103	31219	175322	381	104	0	152	273	167	0	1077	176399
15	Galda	41	190	646	163	0	0	1040	13	0	29	6	26	70	0	144	1184
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	40	277	775	36	17	46	1191	61	16	93	14	39	103	36	362	1553
Total		13399	86800	32757	19270	1247	32222	185695	1378	1350	421	2065	1318	1018	187	7737	193432

Table 3.8. Species-wise Annual Fish Catch of Principal River- Padma, 2017-18

[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	61	36	18	32	30	36	29	242	37	12	66	27	42	44	228	470
2	Catla	37	17	18	33	23	13	17	158	21	8	34	16	35	36	150	308
3	Mrigal	39	16	12	30	14	20	8	139	13	3	6	5	15	19	61	200
4	Kalibaus	16	11	8	11	7	6	2	61	8	2	19	5	6	5	45	106
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	16	11	9	11	9	7	5	68	0	6	34	32	75	42	189	257
8	Boal/Air	41	57	92	37	59	52	10	348	21	8	52	16	51	62	210	558
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	53	44	23	37	35	44	33	269	0	0	0	0	0	0	0	269
13	Other Inland Fish	36	17	19	32	22	13	17	156	761	135	1521	374	1096	831	4718	4874
14	Hilsa/Illish	0	91	569	115	1039	355	523	2692	286	532	93	2	164	40	1117	3809
15	Galda	354	805	555	355	372	940	403	3784	3	1	0	0	0	11	15	3799
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	7	8	13	3	2	4	37	0	0	0	0	0	0	0	37
19	Other small shrimp/prawn	0	0	0	0	0	0	0	0	48	10	34	16	45	44	197	197
Total		653	1112	1331	706	1613	1488	1051	7954	1198	717	1859	493	1529	1134	6930	14884

Table 3.9. Species-wise Annual Fish Catch of Principal River- Jamuna and Brahmaputra, 2017-18

[Unit : Metric Ton]

Sl. No.	Species	Jamuna								Brahmaputra				Total	Grand Total
		Manikganj	Pabna	Tangail	Sirajganj	Bogura	Jamalpur	Gaibandha	Sub-Total	Jamalpur	Gaibandha	Kurigram	Sub-Total		
1	Rui	16	13	36	31	11	62	14	183	103	37	57	197	380	1278
2	Catla	7	8	22	41	6	34	5	123	76	37	44	157	280	839
3	Mrigal	7	6	26	41	4	22	4	110	74	30	38	142	252	668
4	Kalibaus	5	0	17	5	0	9	0	36	32	34	27	93	129	266
5	Bata	0	4	0	3	0	0	0	7	0	0	0	0	7	1719
6	Ghonia	0	0	0	0	0	0	0	0	0	0	0	0	0	14
7	Pangas	0	0	0	0	0	0	0	0	0	0	0	0	0	1393
8	Boal/Air	61	48	82	5	12	41	22	271	149	150	120	419	690	2172
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	269
13	Other Inland Fish	571	833	628	1977	56	348	103	4516	1266	788	2636	4690	9206	23664
14	Hilsa/Illish	0	49	30	137	1	99	4	320	8	28	185	221	541	180749
15	Galda	0	4	6	0	6	0	0	16	39	30	0	69	85	5068
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	37
19	Other small shrimp/prawn	84	62	83	51	32	43	59	414	337	258	200	795	1209	2959
Total		751	1027	930	2291	128	658	211	5996	2084	1392	3307	6783	12779	221095

Table 3.10. Species-wise Annual Fish Catch of Other Rivers, 2017-18

[Unit : Metric Ton]

Sl. No.	Species	Dhaka	Faridpur	Gazipur	Gopalganj	Jamalpur	Kisorganj	Madaripur	Manikganj	Munshiganj	Mymensingh	Narayanganj	Narsingdi	Netrakona	Rajbari	Sariatpur	Sherpur	Tangail	Sub-total
1	Rui	40	23	12	43	18	60	9	16	10	32	0	10	17	23	16	82	10	421
2	Catla	38	14	16	23	9	23	5	10	5	14	0	6	6	10	12	79	8	278
3	Mrigal	22	10	10	27	10	13	0	5	4	10	0	4	0	5	8	47	4	179
4	Kalibaus	16	10	10	10	8	0	0	4	4	93	0	0	17	10	8	35	4	229
5	Bata	0	0	10	0	1	0	0	4	0	0	0	0	0	0	0	0	0	15
6	Ghonia	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7	Pangas	0	6	0	5	3	0	0	0	20	0	0	0	0	10	0	0	3	47
8	Boal/Air	33	23	5	17	4	52	9	9	83	93	0	0	17	32	12	78	10	477
9	Shol/Gazar/Taki	29	0	12	43	5	9	0	5	0	10	0	0	6	4	5	61	0	189
10	Koi	7	0	0	23	4	0	0	4	0	0	0	0	0	0	0	16	0	54
11	Shingi/Magur	7	0	0	0	1	0	0	5	0	0	0	0	0	0	0	16	0	29
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Other Inland Fish	111	411	305	276	127	1223	182	251	219	967	443	415	1297	323	385	232	185	7352
14	Hilsa/Ilish	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	Galda	16	10	0	10	1	0	0	5	14	5	0	12	0	14	5	42	4	138
16	Bagda	0	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	0
18	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Other small shrimp/prawn	128	48	121	122	9	0	29	32	31	38	22	62	22	208	25	273	22	1192
Total		447	555	501	604	201	1380	234	350	390	1262	465	509	1382	639	476	961	250	10606

Cont....

[Unit : Metric Ton]

Sl. No.	Species	Bagerhat	Chuadanga	Jashore	Jhenaidah	Khulna	Kushtia	Magura	Meherpur	Narail	Satkhira	Barguna	Barishal	Bhola	Jhalokathi	Patuakhali	Pirojpur	Sub-total
1	Rui	0	17	26	4	0	49	81	2	55	0	0	0	0	0	0	0	234
2	Catla	0	17	13	4	0	32	71	2	6	0	0	0	0	0	0	0	145
3	Mrigal	0	0	5	0	0	0	10	1	48	0	0	0	0	0	0	0	64
4	Kalibaus	0	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	58	0	0	0	0	0	0	0	58
6	Ghonia	0	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	0
8	Boal/Air/Guizza Air	0	0	3	0	0	21	0	9	11	9	0	0	0	0	0	0	53
9	Shol/Gazar/Taki	11	25	73	23	31	18	0	31	34	74	0	0	0	0	0	0	320
10	Koi	0	0	0	7	0	8	0	0	0	0	3	0	0	0	0	0	18
11	Shingi/Magur	0	0	14	0	0	5	0	0	0	13	0	0	0	0	0	0	32
12	Sarpunti	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4
13	Other Inland Fish	1572	168	644	148	1079	481	754	91	362	197	968	1955	381	736	427	2360	12323
14	Hilsa/Illish	951	0	0	0	694	0	0	0	3	0	4822	2065	3141	796	25263	1404	39139
15	Galda	0	0	0	0	19	5	0	0	0	0	0	13	5	15	0	0	57
16	Bagda	0	0	0	0	19	0	0	0	0	0	0	8	0	0	7	0	34
17	Harina	1814	0	0	0	719	0	0	0	0	521	0	21	12	39	0	9	3135
18	Chaka	8	0	0	0	6	0	0	0	0	5	0	0	0	0	0	0	19
19	Other small shrimp/prawn	1023	132	178	159	779	410	197	146	371	483	28	53	18	88	6	36	4107
Total		5379	359	956	345	3346	1029	1113	282	952	1302	5821	4115	3557	1674	25703	3809	59742

Cont....

[Unit : Metric Ton]

Sl. No.	Species	Dinajpur	Gaibanda	Kurigram	Lalmonirhat	Nilphamari	Panchagar	Rangpur	Thakurgoan	Bogura	C Nawabganj	Joypurhat	Naogaon	Natore	Pabna	Rajshahi	Sirajganj	Sub-total
1	Rui	0	59	13	9	5	0	10	0	53	83	42	113	91	117	72	104	771
2	Catla	0	43	3	9	5	0	8	0	48	60	28	66	67	71	48	71	527
3	Mrigal	0	18	18	5	3	0	5	0	42	65	11	44	25	70	33	33	372
4	Kalibaus	0	21	0	3	0	0	8	0	0	0	0	3	12	8	0	9	64
5	Bata	0	12	0	3	0	0	0	0	0	0	0	3	8	0	0	5	31
6	Ghonia	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	3	9
7	Pangas	0	22	0	0	0	0	0	0	1	14	0	5	5	10	22	23	102
8	Boal/Air/Guizza Air	0	54	60	32	0	0	7	0	10	21	9	5	5	37	31	14	285
9	Shol/Gazar/Taki	0	10	0	10	0	0	0	0	0	0	4	3	8	47	3	5	90
10	Koi	0	0	0	0	0	0	0	0	0	0	0	3	3	0	3	3	12
11	Shingi/Magur	0	0	0	0	0	0	0	0	0	0	0	3	3	0	3	1	10
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	1	7
13	Other Inland Fish	282	231	432	94	121	103	96	93	537	542	62	968	552	882	643	1448	7086
14	Hilsa/Illish	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
15	Galda	0	0	0	3	3	0	0	0	0	0	0	0	5	0	5	5	21
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	8	43	22	34	61	18	17	19	18	17	29	63	45	72	59	152	677
Total		290	513	548	203	198	121	151	112	709	802	185	1282	835	1314	925	1877	10065

Cont....

[Unit : Metric Ton]

Sl. No.	Species	Bandarban	Brahmanbaria	Chandpur	Chattogram	Cumilla	Cox's Bazar	Feni	Khagrachari	Lakshmipur	Noakhali	Rangamati	Habiganj	Moulvibazar	Sunamganj	Sylhet	Sub-total	Total
1	Rui	8	56	60	5	72	0	55	0	3	3	5	32	13	41	47	400	1826
2	Catla	6	26	6	2	12	0	52	0	1	1	4	10	7	12	0	139	1089
3	Mrigal	5	9	2	1	5	0	96	0	1	0	3	19	6	14	0	161	776
4	Kalibaus	0	4	6	1	5	0	0	0	0	0	3	0	0	0	60	79	372
5	Bata	0	3	0	0	0	0	79	0	8	3	3	0	22	62	0	180	284
6	Ghonia	0	4	2	0	0	0	3	0	0	0	0	0	0	0	0	9	19
7	Pangas	0	9	0	0	0	0	0	0	1	1	0	0	6	9	8	34	183
8	Boal/Air/Guizza Air	0	106	45	0	63	0	86	0	4	3	13	0	7	56	60	443	1258
9	Shol/Gazar/Taki	0	12	50	0	17	0	73	0	3	1	11	0	6	20	18	211	810
10	Koi	0	3	0	0	4	0	0	0	3	1	0	0	6	5	3	25	109
11	Shingi/Magur	5	5	0	0	4	0	0	0	3	1	0	0	7	5	3	33	104
12	Sarpunti	0	6	0	0	5	0	0	0	0	0	0	0	0	0	0	11	22
13	Other Inland Fish	73	393	470	37	254	17	490	194	54	28	162	657	336	495	516	4176	30937
14	Hilsa/Ilish	0	0	2762	6886	0	2296	34	0	132	50	0	0	1	5	6	12172	51317
15	Galda	0	3	5	5	26	6	0	0	4	1	0	0	4	1	0	55	271
16	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
17	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3135
18	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
19	Other small shrimp/prawn	48	22	17	21	72	14	356	17	17	8	4	78	50	119	119	962	6938
Total		145	661	3425	6958	539	2333	1324	211	234	101	208	796	471	844	840	14900	99503

Table 3.11. Annual Fish Production of Sundarbans Fisheries, 2017-18*[Unit : Metric Ton]*

Zone	District	Hilsa	Big Shrimp/ Prawn	Small Shrimp/ Prawn	Other Fish	Total
East Sundarbans	Bagerhat	145.45	47.23	193.38	16650.51	17036.57
West Sundarbans	Khulna	271.42	29.3	43.96	331.74	676.42
West Sundarbans	Satkhira	214.8	13.97	20.95	262.53	512.25
Total	- -	631.67	90.50	258.29	17244.78	18225.24
%	- -	3.47	0.50	1.42	94.62	100.00

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

Other Fish : Koral, Vetki, dry fish and other inland fish. Crab : 1263.93 MT

Growth rate : 0.77 (Hilsa : 27.21%, Shrimp : 4.10% and other species : (-) 1.91%)

Table 3.12. Annual Fish Production of Beels, 2017-18

Sl. No.	District	Area in Hectare		Production in Metric Ton		Total	
		Natural Source		Beel Nursery Program		Total	
		Area	Production	Area	Production	Area	Production
1	Dhaka	918	709	78	88	996	797
2	Faridpur	229	216	197	262	426	478
3	Gazipur	1713	1246	7	3	1720	1249
4	Gopalganj	657	426	244	233	901	659
5	Kishorganj	5273	4818	1564	1983	6837	6801
6	Madaripur	112	87	151	153	263	240
7	Manikganj	513	227	259	317	772	544
8	Munshiganj	331	149	18	18	349	167
9	Narayanganj	203	109	13	8	216	117
10	Narsingdi	1149	1041	15	30	1164	1071
11	Rajbari	90	42	159	208	249	250
12	Shariatpur	72	33	4	2	76	35
13	Tangail	2098	1907	235	374	2333	2281
Dhaka Division		13356	11010	2944	3679	16302	14689
14	Mymensingh	6747	5889	599	850	7346	6739
15	Jamalpur	2508	2161	852	922	3360	3083
16	Netrakona	7988	5800	367	782	8355	6582
17	Sherpur	3494	2388	14	21	3508	2409
Mymensingh Div.		20737	16238	1832	2575	22569	18813
18	Bagerhat	39	17	9	3	48	20
19	Chuadanga	988	789	173	285	1161	1074
20	Jashore	2482	1415	228	279	2710	1694
21	Jhenaidah	971	841	160	182	1131	1023
22	Khulna	250	117	21	16	271	133
23	Kushtia	430	294	157	146	587	440
24	Magura	282	261	50	52	332	313
25	Meherpur	434	189	15	8	449	197
26	Narail	578	309	286	263	864	572
27	Satkhira	41	14	5	2	46	16
Khulna Division		6495	4246	1104	1236	7599	5482
28	Barguna	0	0	0	0	0	0
29	Barishal	41	23	0	0	41	23
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
Barishal Division		75	41	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	323	199	196	782	519
35	Gaibandha	794	437	25	26	819	463
36	Kurigram	1251	988	100	128	1351	1116
37	Lalmonirhat	422	220	181	182	603	402
38	Nilphamari	742	282	66	52	808	334
39	Panchagarh	94	43	16	10	110	53
40	Rangpur	1789	1622	121	144	1910	1766
41	Thakurgaon	290	155	71	46	361	201
Rangpur Division		5965	4070	779	784	6744	4854
42	Bogura	3226	2074	291	445	3517	2519
43	Chapainawabganj	3754	2135	1050	1213	4804	3348
44	Joypurhat	262	110	22	19	284	129
45	Naogaon	6299	2977	1356	1366	7655	4343
46	Natore	1046	581	347	344	1393	925
47	Pabna	1875	957	478	513	2353	1470
48	Rajshahi	5664	3278	333	338	5997	3616
49	Sirajganj	629	405	273	269	902	674
Rajshahi Division		22755	12517	4150	4507	26905	17024
50	Bandarban	0	0	0	0	0	0
51	Brahmanbaria	344	308	124	159	468	467
52	Chandpur	195	127	166	185	361	312
53	Chattogram	83	33	6	3	89	36
54	Cumilla	188	177	86	97	274	274
55	Cox's Bazar	0	0	0	0	0	0
56	Feni	0	0	0	0	0	0
57	Khagrachari .	49	21	26	30	75	51
58	Lakshmipur	0	0	0	0	0	0
59	Noakhali	0	0	0	0	0	0
60	Rangamati	0	0	0	0	0	0
Chattogram Division		859	666	408	474	1267	1140
61	Habiganj	2669	3238	309	558	2978	3796
62	Moulvibazar	2912	3318	580	1060	3492	4378
63	Sunamganj	20950	23778	18	26	20968	23804
64	Sylhet	4612	4333	650	843	5262	5176
Sylhet Division		31143	34667	1559	2487	32702	37154
Total		101387	83455	127774	15742	114161	99197

Source	Area (Ha)	Production (MT)	%	MT/Ha	Growth Rate %
Natural Source	101387	83455	84.13	0.823	0.33
Beel Nursery Program	12774	15742	15.87	1.232	5.38
Total	114161	99197	100.00	0.869	1.10

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 Beels, 2017-18

Sl. No.	Species	Total Catch	
		(Metric Ton)	%
1	Rui	13061	13.17
2	Catla	8405	8.47
3	Mrigal	9148	9.22
4	Kalibaus	1760	1.77
5	Bata	1566	1.58
6	Gonia	1048	1.06
7	Silver carp	4479	4.52
8	Grass carp	1971	1.99
9	Mirror/Common carp	2480	2.50
10	Other Exotic carp	791	0.80
11	Pangas	178	0.18
12	Boal/Air	4532	4.57
13	Shol/Gazar/Taki	3452	3.48
14	Koi	2784	2.81
15	Shingi/Magur	1924	1.94
16	Tilapia/ Nilotica	1479	1.49
17	Sarpunti/Thai punti	4150	4.18
18	Big Shrimp/ Prawn	58	0.06
19	Small Shrimp/ Prawn	4081	4.11
20	Other Inland Fish	31850	32.11
TOTAL		99197	100.00

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

Table 3.14. Annual Fish Production of Kaptai Lake, 2017-18

Sl. No.	Species	Production (Metric Ton)	%
1	Rui (<i>Labeo rohita</i>)	7.83	0.08
2	Catla (<i>Catla catla</i>)	16.09	0.16
3	Mrigal (<i>Cirrhinus cirrhosus</i>)	1.84	0.02
4	Kalibaus (<i>Labeo calbasu</i>)	36.80	0.36
5	Bata (<i>Labeo Bata</i>)	12.09	0.12
6	Ghonia (<i>Labeo gonius</i>)	0.07	0.00
7	Silver Carp (<i>Hypophthalmichthys molitrix</i>)	0.46	0.00
8	Grass Carp (<i>Ctenopharyngodon idella</i>)	2.30	0.02
9	Common Carp (<i>Cyprinus carpio</i>)	0.00	0.00
10	Other Exotic Carp	0.00	0.00
11	Pangas (<i>Pangasius pangasius</i>)	0.00	0.00
12	Boal/Air/Guizza Air (<i>Wallago attu/ Sperata aor / Sperata seenghala</i>)	153.07	1.51
13	Shol/Gazar/Taki (<i>Channa striatus/C. marulius/C. punctatus</i>)	18.39	0.18
14	Koi (<i>Anabas testudineus</i>)	0.00	0.00
15	Singi/Magur (<i>Heteropneustes fossilis/Clarias batrachus</i>)	10.48	0.10
16	Big Prawn	102.04	1.01
17	Small Prawn	0.00	0.00
18	Tilapia/Nilotica (<i>Oreochromis mossambicus/ O. niloticus</i>)	10.42	0.10
19	Sarpunti (<i>Puntius sarana</i>)	0.00	0.00
20	Other Fish	9780.44	96.34
TOTAL		10152.32	100.00

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

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

Growth Rate : 1.71%

Table 3.15. Annual Fish Catch in Floodplains, 2017-18

District	Subsistence Fisheries			Fry Released Program			Haor		Total Production (MT) (A+B+C)
	No. of Subsistence Household (.000)	Average Catch per Household (kg)	Total Estimated Catch (MT) (A)	Area (Ha)	No of Fry Released (Lakh)	Prod. (MT) (B)	Area (Ha)	Prod. (MT) (C)	
Dhaka	106	43.85	4648	1374	2.23	207	0	0	4855
Faridpur	174	48.08	8366	4657	4.94	1132	0	0	9498
Gazipur	273	57.87	15798	4741	0.67	997	0	0	16795
Gopalganj	137	37.93	5196	6054	4.15	1543	0	0	6739
Kishorganj	230	85.3	19619	10240	10.08	2366	40823	18913	40898
Madaripur	136	56.24	7649	1152	3.33	244	0	0	7893
Manikganj	211	47.39	9999	2075	12.46	600	0	0	10599
Munshiganj	230	47.86	11007	6641	1.03	1246	0	0	12253
Narayanganj	67	18.01	1207	2677	2.42	633	0	0	1840
Narsingdi	212	52.83	11199	2652	1	732	0	0	11931
Rajbari	159	36.63	5824	1577	3.77	393	0	0	6217
Shariatpur	131	38.46	5038	1484	12.7	361	0	0	5399
Tangail	240	38.69	9286	3382	4.36	1057	0	0	10343
Dhaka Div.	2306	49.79	114836	48706	63.14	11511	40823	18913	145260
Mymensingh	205	49.53	10153	2878	3.76	656	0	0	10809
Netrakona	246	49.16	12094	7236	19.73	1623	34592	16753	30470
Jamalpur	115	78.53	9031	2580	3.01	633	0	0	9664
Sherpur	183	11.5	2105	698	1.87	176	0	0	2281
Mymensingh Div.	749	44.57	33383	13392	28.37	3088	34592	16753	53224
Bagerhat	213	20.92	4455	229	1.57	85	0	0	4540
Chuadanga	62	19.89	1233	0	0	0	0	0	1233
Jashore	265	133.54	35387	673	1.71	176	0	0	35563
Jhenaidah	192	29.52	5668	804	1.4	144	0	0	5812
Khulna	301	62.23	18730	984	2	399	0	0	19129
Kushtia	182	17.9	3257	1754	3.05	608	0	0	3865
Magura	98	14.34	1405	131	0.9	43	0	0	1448
Meherpur	67	9.88	662	374	0.54	101	0	0	763
Narail	35	79.89	2796	3274	1.82	1094	0	0	3890
Satkhira	120	114.77	13772	395	1.03	83	0	0	13855
Khulna Div.	1535	56.91	87365	8618	14.02	2733	0	0	90098
Barguna	80	30.93	2474	13	0.46	24	0	0	2498
Barishal	216	37.02	7997	1189	3.04	265	0	0	8262
Bhola	160	22.94	3671	0	0	0	0	0	3671
Jhalokathi	122	28.25	3447	462	3.18	194	0	0	3641
Patuakhali	184	53.74	9888	129	0.54	21	0	0	9909
Pirojpur	111	31.94	3545	631	2.03	92	0	0	3637
Barishal Div.	873	35.53	31022	2424	9.25	596	0	0	31618

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District	Subsistence Fisheries			Fry Released Program			Haor		Total Production (MT) (A+B+C)
	No. of Subsistence Household (.000)	Average Catch per Household (kg)	Total Estimated Catch (MT) (A)	Area (Ha)	No of Fry Released (Lakh)	Prod. (MT) (B)	Area (Ha)	Prod. (MT) (C)	
Dinajpur	421	13.78	5803	616	0.98	94	0	0	5897
Gaibandha	304	17.74	5393	1465	2.57	192	0	0	5585
Kurigram	241	42.92	10343	871	32.55	336	0	0	10679
Lalmonirhat	119	9.92	1181	1105	2.5	328	0	0	1509
Nilphamari	121	25.48	3083	135	1.05	25	0	0	3108
Panchagarh	132	18.83	2485	504	3.83	120	0	0	2605
Rangpur	210	38.44	8073	460	5.67	141	0	0	8214
Thakurgaon	114	31.37	3576	1100	3.07	171	0	0	3747
Rangpur Div.	1662	23.6	39937	6256	52.22	1407	0	0	41344
Bogura	100	42.32	4232	583	14.17	176	0	0	4408
C. Nawabganj	47	29.53	1388	1774	0.24	538	0	0	1926
Joypurhat	22	4.5	99	170	0.22	43	0	0	142
Naogaon	333	39.16	13041	12273	29.28	3968	0	0	17009
Natore	248	48.85	12116	8012	5.22	2370	0	0	14486
Pabna	243	34.49	8381	5474	6.89	1631	0	0	10012
Rajshahi	215	24.67	5304	4876	4.55	1718	0	0	7022
Sirajganj	427	73.39	31337	2370	5.48	542	0	0	31879
Rajshahi Div.	1635	45.58	75898	35532	66.05	10986	0	0	86884
Bandarban	18	6.83	123	18	0.16	3	0	0	126
Brahmanbaria	273	55.83	15241	4128	1.39	1421	8050	4058	20720
Chandpur	351	65.02	22822	1070	3.93	345	0	0	23167
Chattogram	52	12.04	626	0	0	0	0	0	626
Cumilla	621	112.59	69917	2984	13.02	782	0	0	70699
Cox's Bazar	91	12	1092	288	0.91	63	0	0	1155
Feni	253	25.64	6488	372	0.98	81	0	0	6569
Khagrachari .	0	0	0	167	5.54	42	0	0	42
Lakshmipur	146	67.43	9845	1492	7.76	423	0	0	10268
Noakhali	352	74.89	26362	16153	9.09	4488	0	0	30850
Rangamati	0	0	0	0	0	0	0	0	0
Ctg. Div.	2157	69.43	152516	26672	42.78	7648	8050	4058	164222
Habiganj	180	102.76	18497	5002	6.96	3289	36462	14239	36025
Moulvi Bazar	154	75.32	11599	4855	0.85	2362	24807	6935	20896
Sunamganj	242	129.89	31433	10539	14.21	4316	56125	25155	60904
Sylhet	168	155.32	26094	4624	6.96	731	27964	11066	37891
Sylhet Div.	744	115.64	87623	25020	28.98	10698	145358	57395	155716
Total	11661	51.90	622581	166620	304.81	48667	228823	97119	768367

Source	Area (Ha)	Production (MT)	%	MT/Ha	Growth Rate (%)
Subsistence Fisheries	2317175	622581	81.03	0.269	0.01
Fry Released Program	166620	48667	6.33	0.292	3.16
Haor	228823	97119	12.64	0.424	1.08
Total	2712618	768367	100.00	0.283	0.34

Table 3.16. Species Composition of Annual Fish Catch of Floodplains, 2017-18

Sl. No.	Species	Production	
		(MT)	%
1	Rui	43236	5.63
2	Catla	18521	2.41
3	Mrigal	23347	3.04
4	Kalibaus	2820	0.37
5	Bata	1163	0.15
6	Gonia	1785	0.23
7	Silver carp	2374	0.31
8	Grass carp	6504	0.85
9	Mirror/Common carp	21972	2.86
10	Other Exotic carp	0	0.00
11	Pangas	9700	1.26
12	Boal/Air	59713	7.77
13	Shol/Gazar/Taki	66642	8.67
14	Koi	9013	1.17
15	Shingi/Magur	54854	7.14
16	Tilapia/ Nilotica	0	0.00
17	Sarpunti/Thai punti	18904	2.46
18	Big Shrimp/ Prawn	1843	0.24
19	Small Shrimp/ Prawn	42642	5.55
20	Other Inland Fish	383334	49.89
TOTAL		768367	100.00

Table 3.17. Annual Fish Production of Ponds, 2017-18

Sl. No.	District	Area in Hectare				Production in Metric Ton				Total		
		Extensive		Semi-intensive		Intensive		Highly Intensive				
		< 1.5 MT/Ha	1.5 - 4.0 MT/Ha	4> - 10 MT/Ha	10.0> MT/Ha	Area	Prod.	Area	Prod.	Area	Prod.	MT/Ha
1	Dhaka	38	52	1468	5802	344	2245	4	56	1854	8155	4.40
2	Faridpur	106	152	1342	4826	1997	10739	164	2032	3609	17749	4.92
3	Gazipur	6	8	2448	9376	1235	11634	331	5133	4020	26151	6.51
4	Gopalganj	662	1069	1449	5594	1429	8421	61	617	3601	15701	4.36
6	Kishorgonj	307	266	2743	10399	1784	11557	36	369	4870	22591	4.64
6	Madaripur	289	417	2146	8394	449	3342	0	0	2884	12153	4.21
7	Manikgonj	345	458	1508	5870	584	4187	0	0	2437	10515	4.31
8	Munshigonj	128	183	1515	5127	625	5343	32	440	2300	11093	4.82
9	Narayangonj	103	125	1098	4065	825	6592	0	0	2026	10782	5.32
10	Narsingdi	150	213	1135	4195	840	7913	492	9330	2617	21651	8.27
11	Rajbari	144	192	2654	9094	866	5262	0	0	3664	14548	3.97
12	Shariatpur	27	37	1776	7054	734	8004	0	0	2537	15095	5.95
13	Tangail	4	6	3001	11232	4309	29684	175	2949	7489	43871	5.86
	Dhaka Div.	2309	3178	24283	91028	16021	114923	1295	20926	43908	230055	5.24
14	Jamalpur	30	40	2177	7484	788	6838	188	2882	3183	17244	5.42
15	Mymensingh	654	889	6892	23009	11496	68739	9578	265179	28620	357816	12.50
16	Netrakona	495	685	5121	18086	2071	12325	23	275	7710	31371	4.07
17	Sherpur	86	114	2344	8243	1378	10018	604	9899	4412	28274	6.41
	Mymensingh Div	1265	1728	16534	56822	15733	97920	10393	278235	43925	434705	9.90
18	Bagerhat	2237	3204	2885	8988	0	0	0	0	5122	12192	2.38
19	Chuadanga	6	9	1171	4442	1037	7425	0	0	2214	11876	5.36
20	Jashore	77	110	7960	24758	5851	49789	2886	43810	16774	118467	7.06
21	Jhainadah	12	18	3075	11993	1753	11354	0	0	4840	23365	4.83
22	Khulna	1223	1216	3189	12687	202	1003	0	0	4614	14906	3.23
23	Kushtia	0	0	2509	9734	1824	8294	0	0	4333	18028	4.16
24	Magura	35	50	1879	7467	398	3104	0	0	2312	10621	4.59
25	Meherpur	0	0	1325	5195	210	1677	0	0	1535	6872	4.48
26	Narail	71	102	643	2272	360	1880	0	0	1074	4254	3.96
27	Satkhira	7520	7566	4798	15964	522	3404	272	6902	13112	33836	2.58
	Khulna Div.	11181	12275	29434	103500	12157	87930	3158	50712	55930	254417	4.55
28	Barguna	497	678	1836	6153	23	136	0	0	2356	6967	2.96
29	Barishal	0	0	9326	36199	138	737	0	0	9464	36936	3.90
30	Bhola	245	355	1940	7402	5522	31980	33	415	7740	40152	5.19
31	Jhalokathi	0	0	1102	4485	17	160	4	65	1123	4710	4.19
32	Patuakhali	1426	1636	6850	15973	173	971	0	0	8449	18580	2.20
33	Pirojpur	701	1011	1764	4445	354	1754	0	0	2819	7210	2.56
	Barishal Div.	2869	3680	22818	74657	6227	35738	37	480	31951	114555	3.59

Sl. No	District	Area in Hectare								Production in Metric Ton		
		Extensive		Semi-intensive		Intensive		Highly Intensive		Total		
		< 1.5 MT/Ha		1.5 - 4.0 MT/Ha		4> - 10 MT/Ha		10.0> MT/Ha		Area	Prod.	MT/Ha
Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	Area	Prod.	MT/Ha		
34	Dinajpur	275	365	6502	23538	1665	11511	40	443	8482	35857	4.23
35	Gaibandha	0	0	3928	14121	955	5664	0	0	4883	19785	4.05
36	Kurigram	354	504	3523	12868	307	2132	0	0	4184	15504	3.71
37	Lalmonirhat	20	29	2312	8257	227	1557	2	25	2561	9868	3.85
38	Nilphamari	104	132	2852	10977	315	2247	0	0	3271	13356	4.08
39	Panchagarh	0	0	2704	10720	145	1238	0	0	2849	11958	4.20
40	Rangpur	119	176	3928	14005	889	5263	2	18	4938	19462	3.94
41	Thakurgaon	0	0	4570	16303	481	4236	85	1016	5136	21555	4.20
	Rangpur Div.	872	1206	30319	110789	4984	33848	129	1502	36304	147345	4.06
42	Bogura	420	575	9553	23921	3687	27855	528	14741	14188	67092	4.73
43	C.Nawabganj	0	0	1944	7796	432	2321	0	0	2376	10117	4.26
44	Joypurhat	31	46	2105	6149	2499	15483	0	0	4635	21678	4.68
45	Naogaon	120	175	9714	35429	2799	17574	117	1292	12750	54470	4.27
46	Natore	0	0	5413	20959	2187	12461	113	1339	7713	34759	4.51
47	Pabna	0	0	8727	34078	1798	11788	5	90	10530	45956	4.36
48	Rajshahi	0	0	6428	20842	5561	30476	321	3541	12310	54859	4.46
49	Sirajganj	93	107	2850	8785	1995	9587	0	0	4938	18479	3.74
	Rajshahi Div.	664	903	46734	157959	20958	127545	1084	21003	69440	307410	4.43
50	Bandarban	201	279	236	674	12	68	0	0	449	1021	2.27
51	B.Barua	140	210	4320	19400	2267	12829	51	1020	6778	33459	4.94
52	Chandpur	169	229	6372	22441	2872	14811	0	0	9413	37481	3.98
53	Chattogram	6476	9289	12790	41717	1666	11652	12	182	20944	62840	3.00
54	Cumilla	1534	2203	12332	44795	7747	51530	851	9734	22464	108262	4.82
55	Cox's Bazar	1517	1620	685	2268	77	468	25	313	2304	4669	2.03
56	Feni	334	445	3995	15494	917	6174	21	255	5267	22368	4.25
57	Khagrachari	153	214	795	2015	92	505	0	0	1040	2734	2.63
58	Lakshmipur	238	304	6020	21938	1865	7468	0	0	8123	29710	3.66
59	Noakhali	1068	1438	11621	41771	329	2238	27	297	13045	45744	3.51
60	Rangamati	51	56	255	564	13	45	0	0	319	665	2.08
	Ctg Div.	11881	16287	59421	213077	17857	107788	987	11801	90146	348953	3.87
61	Habiganj	1036	1378	2609	9292	917	5203	41	457	4603	16330	3.55
62	Moulv.Bazar	3435	4288	2465	7664	1190	6911	3	40	7093	18903	2.67
63	Sunamgonj	410	414	2359	8349	168	1271	1	20	2938	10054	3.42
64	Sylhet	856	1125	3114	9133	1530	7033	15	280	5515	17571	3.19
	Sylhet Div.	5737	7205	10547	34438	3805	20418	60	797	20149	62858	3.12
	Grand Total	36778	46462	240090	842270	97742	626110	17143	385456	391753	1900298	4.85

Culture Method	Production Range	Number of Pond	Area		Production		MT/Ha	Growth Rate %
			(Ha)	%	(MT)	%		
Extensive	<1.5MT/Ha	553994	36778	9.39	46462	2.45	1.26	-19.47
Semi-intensive	1.5-4 MT/Ha	1400313	240090	61.29	842270	44.32	3.51	0.43
Intensive	4>10MT/Ha	449571	97742	24.95	626110	32.95	6.41	10.66
Highly Intensive	10 > MT/Ha	74005	17143	4.38	385456	20.28	22.48	3.91
Total		2477883	391753	100	1900298	100	4.85	3.66

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 Ponds, 2017-18

Sl. No.	Species	Production (Metric Ton)	%
1	Rui (<i>Labeo rohita</i>)	239146	12.58
2	Catla (<i>Catla catla</i>)	157571	8.29
3	Mrigal (<i>Cirrhinus cirrhosus</i>)	171261	9.01
4	Kalibaus (<i>Labeo calbasu</i>)	31065	1.63
5	Bata (<i>Labeo Bata</i>)	37277	1.96
6	Ghonia (<i>Labeo gonius</i>)	14110	0.74
7	Silver Carp (<i>Hypophthalmichthys molitrix</i>)	184909	9.73
8	Grass Carp (<i>Ctenopharyngodon idella</i>)	44783	2.36
9	Common Carp (<i>Cyprinus carpio</i>)	70106	3.69
10	Other Exotic Carp	26426	1.39
11	Pangas (<i>Pangasius pangasius</i>)	441643	23.24
12	Boal/Air (<i>Wallago attu/ Sperata aor / Sperata seenghala</i>)	754	0.04
13	Shol/Gazar/Taki (<i>Channa striatus/C. marulius/C. punctatus</i>)	1982	0.10
14	Koi (<i>Anabas testudineus</i>)	46457	2.44
15	Singi/Magur (<i>Heteropneustes fossilis/Clarias batrachus</i>)	27331	1.44
16	Tilapia/Nilotica (<i>Oreochromis mossambicus/ O. niloticus</i>)	316286	16.64
17	Sarpunti (<i>Puntius sarana</i>)	43799	2.30
18	Big Shrimp/Prawn	1871	0.10
19	Small Shrimp/ Prawn	4351	0.23
20	Other Inland Fish	39170	2.06
	TOTAL	1900298	100.00

Table 3.19. District-wise Species Composition of Fish Production of Ponds, 2017-18

Sl. No.	Species	Dhaka		Faridpur		Gazipur		Gopalganj		Jamalpur		Kishorganj		Madaripur		Manikganj		Munshiganj	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	1430	17.54	2731	15.39	2655	10.15	2855	18.18	3633	21.07	3700	16.38	1680	13.82	1367	13.00	2118	19.09
2	Catla	1275	15.63	2638	14.86	2033	7.77	1881	11.98	1923	11.15	2284	10.11	1094	9.00	896	8.52	1523	13.73
3	Mrigal	1140	13.98	2059	11.60	1486	5.68	1530	9.75	2279	13.22	2629	11.64	1094	9.00	948	9.02	1144	10.31
4	Kalibaus	373	4.57	263	1.48	229	0.88	490	3.12	357	2.07	847	3.75	43	0.35	105	1.00	378	3.41
5	Bata	455	5.58	912	5.14	220	0.84	580	3.69	145	0.84	412	1.82	243	2.00	210	2.00	345	3.11
6	Gonia	177	2.17	1	0.01	25	0.10	180	1.15	185	1.07	292	1.29		0.00	82	0.78	125	1.13
7	Silver carp	1145	14.04	2679	15.09	6094	23.30	1731	11.02	2487	14.42	3207	14.20	1094	9.00	1051	10.00	448	4.04
8	Grass carp	497	6.09	661	3.72	985.5	3.77	941	5.99	90	0.52	1036	4.59	243	2.00	178	1.69	115	1.04
9	Mirror/Common carp	367	4.50	1579	8.90	1211	4.63	1624	10.34	285	1.65	1441	6.38	486	4.00	525	4.99	210	1.89
10	Other Exotic carp	255	3.13	559	3.15	290	1.11	447	2.85	55	0.32	99	0.44	121	1.00	100	0.95	18	0.16
11	Pangas	121	1.48	917	5.17	1962.5	7.50	412	2.62	3260	18.91	3365	14.90	2431	20.00	2189	20.82	1865	16.81
12	Boal/Air	0	0.00	1	0.01	0	0.00	52	0.33	0	0	0	0.00	0	0.00	0	0.00	0	0.00
13	Shol/Gazar/Taki	8	0.10	7	0.04	0	0.00	3	0.02	0	0	3	0.01	0	0.00	1	0.01	55	0.50
14	Koi	18	0.22	73	0.41	85	0.33	295	1.88	312	1.81	242	1.07	465	3.83	468	4.45	70	0.63
15	Shingi/Magur	29	0.36	39	0.22	210	0.80	128	0.81	0	0.00	292	1.29	121	1.00	84	0.80	65	0.59
16	Big Shrimp/ Prawn		0.00	2	0.01	0	0.00	417	2.66	0	0.00	0	0.00	30	0.25	0	0.00	0	0.00
17	Small Shrimp/ Prawn	7	0.09	3	0.02	0	0.00	100	0.64	0	0.00	0	0.00	60	0.49	26	0.25	0	0.00
18	Tilapia/ Nilotica	528	6.47	1385	7.80	7590	29.02	1242	7.91	2220	12.87	1398	6.19	2187	18.00	1998	19.00	1227	11.06
19	Sarpunti/Thai punti	239	2.93	319	1.80	1055	4.03	488	3.11	3	0.02	376	1.66	365	3.00	262	2.49	139	1.25
20	Other Inland Fish	91	1.12	921	5.19	20	0.08	306	1.95	10	0.06	968	4.28	396	3.26	25	0.24	1248	11.25
	Total	8155	100.00	17749	100	26151	100	15701	100	17244	100	22591	100	12153	100	10515	100	11093	100

Sl. No.	Species	Mymensingh		Narayanganj		Narsingdi		Netrakona		Rajbari		Sariatpur		Sherpur		Tangail	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	11391	3.18	1443	13.38	1200	5.54	1028	3.28	2130	14.64	4255	28.19	3124	11.05	8431	19.22
2	Catla	7671	2.14	1358	12.60	800	3.69	818	2.61	1512	10.39	3026	20.05	2396	8.47	3967	9.04
3	Mrigal	10531	2.94	1166	10.81	1500	6.93	554	1.77	1720	11.82	2148	14.23	3131	11.07	4272	9.74
4	Kalibaus	2555	0.71	716	6.64	150	0.69	122	0.39	420	2.89	0	0.00	1610	5.69	1058	2.41
5	Bata	4464	1.25	502	4.66	100	0.46	16	0.05	919.5	6.32	127	0.84	1279	4.52	1424	3.25
6	Gonia	2978	0.83	247	2.29	50	0.23	127	0.40	19	0.13	0	0.00	1390	4.91	195	0.44
7	Silver carp	10455	2.92	1295	12.01	600	2.77	741	2.36	1340	9.21	2605	17.26	3805	13.46	7882	17.97
8	Grass carp	6779	1.89	461	4.28	225	1.04	271	0.86	850	5.84	125	0.83	1898	6.71	663	1.51
9	Mirror/Common carp	3834	1.07	452	4.19	248.87	1.15	209	0.67	836	5.75	600	3.97	1808	6.40	2524	5.75
10	Other Exotic carp	9245	2.58	139	1.29	600	2.77	214	0.68	620	4.26	0	0.00	577	2.04	1635	3.73
11	Pangas	189388	52.93	957	8.88	6500	30.02	14711	46.89	1485	10.21	910	6.03	2883	10.20	3070	7.00
12	Boal/Air	0	0.00	30	0.28	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	10	0.09	0	0.00	0	0.00	10	0.07	0	0.00	0	0.00	35	0.08
14	Koi	24844	6.94	35	0.32	3800	17.55	474	1.51	210	1.44	0	0.00	1708	6.04	252	0.57
15	Shingi/Magur	15515	4.34	58	0.54	1300	6.00	1012	3.23	250	1.72	0	0.00	231	0.82	392	0.89
16	Big Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00
17	Small Shrimp/ Prawn	0	0.00	3	0.03	26.26	0.12	0	0.00	10	0.07	0	0.00	32	0.11	0	0.00
18	Tilapia/ Nilotica	29636	8.28	1129	10.47	4200	19.40	10480	33.41	930	6.39	600	3.97	1311	4.64	6270	14.29
19	Sarpunti/Thai punti	4520	1.26	429	3.98	70	0.32	119	0.38	518	3.56	690	4.57	143	0.50	930	2.12
20	Other Inland Fish	24010	6.71	352	3.26	281.2	1.30	475	1.51	768	5.28	9	0.06	949	3.36	868	1.98
	Total	357816	100	10782	100	21651	100	31371	100	14548	100	15095	100	28274	100	43871	100

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Sl. No.	Species	Bagerhat		Chuadanga		Jashore		Jhenaidah		Khulna		Kushtia		Magura		Meherpur	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	3415	28.01	1278	10.76	15030	12.69	4280	18.32	2731	18.32	2446	13.57	2142	20.17	691	10.06
2	Catla	1441	11.82	753	6.34	9178	7.75	2073	8.87	1323	8.87	1500	8.32	1731	16.30	388	5.65
3	Mrigal	1548	12.70	1022	8.61	18913	15.96	2238	9.58	1428	9.58	1838	10.19	1810	17.04	468	6.81
4	Kalibaus	160	1.31	74	0.62	3026	2.55	5	0.02	3	0.02	423	2.35	8	0.08	7	0.10
5	Bata	26	0.21	590	4.97	3783	3.19	141	0.60	90	0.60	1015	5.63	164	1.54	4	0.06
6	Gonia	10	0.08	2	0.02	0	0.00	0	0.00	0	0.00	1	0.01	0	0.00	0	0.00
7	Silver carp	628	5.15	2397	20.18	15130	12.77	3792	16.23	2419	16.23	3517	19.51	1985	18.69	802	11.67
8	Grass carp	700	5.74	363	3.06	3026	2.55	1159	4.96	740	4.96	667	3.70	276	2.60	228	3.32
9	Mirror/Common carp	514	4.22	757	6.38	4539	3.83	1849	7.91	1180	7.91	1617	8.97	522	4.91	465	6.77
10	Other Exotic carp	106	0.87	198	1.67	0	0.00	0	0.00	0	0.00	415	2.30	403	3.79	252	3.67
11	Pangas	559	4.58	816	6.87	17999	15.19	913	3.91	582	3.91	2401	13.32	528	4.97	1146	16.68
12	Boal/Air	9	0.07	0	0.00	0	0.00	0	0.00	0	0.00	3	0.02	0	0.00	1	0.01
13	Shol/Gazar/Taki	181	1.49	0	0.00	0	0.00	0	0.00	0	0.00	3	0.02	0	0.00	0	0.00
14	Koi	48	0.40	51	0.43	0	0.00	0	0.00	0	0.00	21	0.12	15	0.14	5	0.07
15	Shingi/Magur	14	0.11	15	0.13	0	0.00	0	0.00	0	0.00	14	0.08	10	0.09	7	0.10
16	Big Shrimp/ Prawn	1088	8.92	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
17	Small Shrimp/ Prawn	141	1.16	0	0.00	0	0.00	0	0.00	0	0.00	40	0.22	0	0.00	0	0.00
18	Tilapia/ Nilotica	1073	8.80	3173	26.72	24818	20.95	6689	28.63	4267	28.63	1841	10.21	487	4.59	2230	32.45
19	Sarpunti/Thai punti	386	3.17	256	2.15	3027	2.56	194	0.83	124	0.83	247	1.37	195	1.84	30	0.44
20	Other Inland Fish	144	1.18	133	1.12	0	0.00	32	0.14	21	0.14	18	0.10	345	3.25	148	2.15
	Total	12192	100	11876	100	118467	100	23365	100	14906	100	18028	100	10621	100	6872	100

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Sl. No.	Species	Narail		Satkhira		Barguna		Barishal		Bhola		Jhalokathi		Patuakhali		Pirojpur	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	1375	0.32	4363	12.89	386	5.55	2049	5.55	8413	20.95	587	12.47	3000	16.15	555	7.70
2	Catla	1488	0.35	3887	11.49	338	4.85	1790	4.85	6601	16.44	400	8.48	2299	12.37	477	6.62
3	Mrigal	395	0.09	4050	11.97	332	4.77	1763	4.77	2746	6.84	423	8.99	1550	8.34	403	5.59
4	Kalibaus	87	0.02	30	0.09	16	0.24	87	0.24	648	1.61	0	0.00	15	0.08	39	0.54
5	Bata	72	0.02	118	0.35	80	1.14	422	1.14	0	0.00	0	0.00	0	0.00	5	0.07
6	Gonia	0	0.00	0	0.00	0	0.00	0	0.00	301	0.75	0	0.00	0	0.00	3	0.04
7	Silver carp	327	0.08	1388	4.10	188	2.70	996	2.70	3798	9.46	372	7.89	2038	10.97	301	4.17
8	Grass carp	50	0.01	152	0.45	34	0.49	180	0.49	780	1.94	73	1.54	226	1.22	181	2.51
9	Mirror/Common carp	114	0.03	132	0.39	113	1.63	601	1.63	397	0.99	173	3.68	169	0.91	138	1.91
10	Other Exotic carp	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	16	0.33	70	0.38	80	1.11
11	Pangas	85	0.02	9122	26.96	3314	47.57	17569	47.57	9076	22.60	1853	39.33	3979	21.42	2173	30.14
12	Boal/Air	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	17	0.09	3	0.04
13	Shol/Gazar/Taki	0	0.00	0	0.00	0	0.00	0	0.00	39	0.10	0	0.00	15	0.08	0	0.00
14	Koi	112	0.03	0	0.00	0	0.00	0	0.00	24	0.06	131	2.78	300	1.61	745	10.33
15	Shingi/Magur	55	0.01	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	71	0.38	0	0.00
16	Big Shrimp/ Prawn	26	0.01	19	0.06	0	0.00	0	0.00	0	0.00	0	0.00	165	0.89	2	0.03
17	Small Shrimp/ Prawn	0	0.00	27	0.08	0	0.00	0	0.00	1970	4.91	0	0.00	9	0.05	3	0.04
18	Tilapia/ Nilotica	38	0.01	10460	30.91	1993	28.60	10564	28.60	4626	11.52	683	14.50	4250	22.87	1933	26.81
19	Sarpunti/Thai punti	21	0.005	19	0.06	115	1.64	607	1.64	560	1.40	0	0.00	226	1.22	152	2.11
20	Other Inland Fish	6	0.00	69	0.20	58	0.83	308	0.83	171	0.43	0	0.00	181	0.97	17	0.24
	Total	4254	1.00	33836	100	6967	100	36936	100	40152	100	4710	100	18580	100	7210	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	4321	12.05	1742	9.82	1324	8.54	1269	12.85	1597	11.96	1816	15.19	1617	8.31	1445	6.70
2	Catla	2431	6.78	2063	10.32	1097	7.08	552	5.59	674	5.05	1619	13.54	1727	8.88	1403	6.51
3	Mrigal	3044	8.49	1075	5.78	986	6.36	1153	11.68	868	6.50	1646	13.76	1794	9.22	1353	6.28
4	Kalibaus	139	0.39	187	0.75	27	0.17	131	1.33	141	1.06	434	3.63	485	2.49	74	0.34
5	Bata	877	2.45	270	1.61	508	3.28	698	7.07	212	1.59	543	4.54	1192	6.13	289	1.34
6	Gonia	14	0.04	36	0.19	0	0.00	406	4.12	302	2.26	0	0.00	76	0.39	206	0.96
7	Silver carp	3979	11.10	1595	7.03	2381	15.36	1572	15.93	1418	10.62	1391	11.63	4244	21.81	3725	17.28
8	Grass carp	402	1.12	1041	5.84	611	3.94	530	5.37	525	3.93	229	1.91	990	5.09	150	0.70
9	Mirror/Common carp	2598	7.24	1118	6.02	1000	6.45	804	8.15	599	4.49	342	2.86	1290	6.63	1171	5.43
10	Other Exotic carp	27	0.07	0	0	586	3.78	662	6.71	42	0.32	151	1.26	231	1.19	531	2.46
11	Pangas	9223	25.72	3716	18.47	1052	6.79	189	1.92	224	1.68	241	2.02	132	0.68	144	0.67
12	Boal/Air	0	0.00	0	0	0	0.00	16	0.16	0	0.00	1	0.01	0	0.00	0	0.00
13	Shol/Gazar/Taki	0	0.00	1005	3.51	0	0.00	54	0.55	146	1.10	17	0.14	7	0.04	0	0.00
14	Koi	317	0.88	901	2.92	955	6.16	133	1.35	459	3.43	352	2.94	242	1.24	124	0.58
15	Shingi/Magur	0	0.00	989	5.78	0	0.00	76	0.77	52	0.39	378	3.16	553	2.84	3	0.01
16	Big Shrimp/ Prawn	0	0.00	0	0	0	0.00	0	0.00	0	0.00	7	0.06	0	0.00	0	0.00
17	Small Shrimp/ Prawn	1627	4.54	0	0	0	0.00	13	0.13	0	0.00	14	0.12	2	0.01	0	0.00
18	Tilapia/ Nilotica	6002	16.74	3989	21.92	4724	30.47	765	7.75	4496	33.67	2188	18.30	3090	15.87	10096	46.84
19	Sarpunti/Thai punti	837	2.33	49	0.05	241	1.55	382	3.87	1511	11.32	359	3.00	1611	8.28	808	3.75
20	Other Inland Fish	17	0.05	9	0	11	0.07	462	4.69	88	0.66	231	1.93	179	0.92	32	0.15
	Total	35857	100	19785	100	15503	100	9868	100	13355	100	11958	100	19462	100	21554	100.00

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Sl. No.	Species	Bogura		C Nawabganj		Joypurhat		Naogaon		Natore		Pabna		Rajshahi		Sirajganj	
		MT	%														
1	Rui	7475	11.14	1731	17.10	4160	19.19	9471	17.39	6676	19.21	6916	15.05	16754	30.54	2352	12.73
2	Catla	4922	7.34	1138	11.25	3168	14.61	5087	9.34	3458	9.95	3142	6.84	9505	17.33	1412	7.64
3	Mrigal	6355	9.47	1709	16.89	2110	9.73	8685	15.94	5444	15.66	4534	9.87	7338	13.38	1382	7.48
4	Kalibaus	1225	1.83	305	3.02	0	0.00	1124	2.06	220	0.63	621	1.35	2048	3.73	308	1.67
5	Bata	2639	3.93	832	8.22	247	1.14	1025	1.88	907	2.61	2611	5.68	669	1.22	388	2.10
6	Gonia	25	0.04	0	0.00	0	0.00	0	0.00	0	0.00	118	0.26	41	0.07	537	2.91
7	Silver carp	8287	12.35	2049	20.25	4152	19.15	7003	12.86	6973	20.06	7535	16.40	9435	17.20	1570	8.50
8	Grass carp	1198	1.79	289	2.86	1171	5.40	902	1.66	1299	3.74	647	1.41	758	1.38	491	2.66
9	Mirror/Common carp	2393	3.57	675	6.67	1051	4.85	2197	4.03	3247	9.34	2753	5.99	4311	7.86	908	4.91
10	Other Exotic carp	1146	1.71	784	7.75	174	0.80	1213	2.23	6	0.02	45	0.10	631	1.15	25	0.14
11	Pangas	21446	31.96	41	0.41	3047	14.05	12320	22.62	4926	14.17	10845	23.60	932	1.70	874	4.73
12	Boal/Air	41	0.06	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	208	0.31	8	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
14	Koi	1065	1.59	84	0.83	0	0.00	216	0.40	0	0.00	0	0.00	390	0.71	598	3.24
15	Shingi/Magur	1220	1.82	17	0.17	0	0.00	0	0.00	0	0.00	0	0.00	98	0.18	202	1.09
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	75	0.11	9	0.09	0	0.00	4	0.01	0	0.00	0	0.00	104	0.19	0	0.00
18	Tilapia/ Nilotica	4879	7.27	112	1.11	1971	9.09	5060	9.29	1519	4.37	520	1.13	1125	2.05	6782	36.70
19	Sarpunti/Thai punti	681	1.01	74	0.73	230	1.06	44	0.08	20	0.06	5665	12.33	356	0.65	651	3.52
20	Other Inland Fish	1814	2.70	260	2.57	198	0.91	120	0.22	62	0.18	3	0.01	364	0.66	0	0.00
	Total	67093	100	10118	100	21679	100	54470	100	34759	100	45955	100	54859	100	18480	100

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Sl. No.	Species	Bandarban		Brahmanbaria		Chandpur		Chattogram		Cumilla		Cox's Bazar		Feni		Khagrachari	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	231	22.62	6279	18.77	8434	22.50	10441	16.62	6335	5.85	616	13.19	3488	15.59	419	15.34
2	Catla	161	15.77	3931	11.75	6457	17.23	8380	13.34	2612	2.41	499	10.70	2317	10.36	317	11.60
3	Mrigal	149	14.59	3328	9.95	4709	12.56	8292	13.20	4512	4.17	372	7.97	2793	12.49	435	15.93
4	Kalibaus	6	0.59	551	1.65	788	2.10	940	1.50	475	0.44	165	3.54	440	1.97	120	4.40
5	Bata	1	0.10	792	2.37	438	1.17	10	0.02	2468	2.28	4	0.08	0	0.00	65	2.36
6	Gonia	12	1.18	628	1.88	0	0.00	22	0.04	2759	2.55	46	0.99	1059	4.73	18	0.67
7	Silver carp	151	14.79	3495	10.45	5058	13.49	3461	5.51	3333	3.08	315	6.75	2276	10.17	274	10.03
8	Grass carp	35	3.43	879	2.63	28	0.07	832	1.32	1157	1.07	154	3.30	269	1.20	33	1.22
9	Mirror/Common carp	83	8.13	1093	3.27	2278	6.08	1038	1.65	812	0.75	87	1.85	506	2.26	280	10.22
10	Other Exotic carp	0	0.00	267	0.80	392	1.05	167	0.27	0	0.00	40	0.85	89	0.40	108	3.93
11	Pangas	58	5.68	3276	9.79	0	0.00	5934	9.44	41587	38.41	656	14.05	537	2.40	258	9.44
12	Boal/Air	1	0.10	2	0.01	0	0.00	0	0.00	0	0.00	0	0.00	527	2.35	10	0.35
13	Shol/Gazar/Taki	1	0.10	5	0.02	0	0.00	0	0.00	0	0.00	13	0.28	0	0.00	11	0.39
14	Koi	2	0.20	394	1.18	96	0.26	105	0.17	3411	3.15	27	0.57	824	3.68	1	0.04
15	Shingi/Magur	6	0.59	275	0.82	58	0.15	65	0.10	2555	2.36	17	0.37	348	1.56	5	0.20
16	Big Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	6	0.01	0	0.00	17	0.36	0	0.00	0	0.00
17	Small Shrimp/ Prawn	2	0.20	0	0.00	0	0.00	2	0.00	0	0.00	7	0.15	0	0.00	6	0.24
18	Tilapia/ Nilotica	79	7.74	2635	7.87	8396	22.40	22476	35.77	36064	33.31	1437	30.77	6666	29.80	204	7.47
19	Sarpunti/Thai punti	0	0.00	5182	15.49	302	0.81	270	0.43	43	0.04	9	0.19	208	0.93	85	3.11
20	Other Inland Fish	43	4.21	446	1.33	47	0.13	399	0.63	139	0.13	188	4.03	22	0.10	84	3.07
	Total	1021	100	33459	100	37481	100	62840	100	108262	100	4669	100	22368	100	2734	100

Sl. No.	Species	Lakshmipur		Noakhali		Rangamati		Habiganj		Moulovibazar		Sunamganj		Sylhet		Total	
		MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%
1	Rui	4948	16.66	10643	23.27	108	16.15	1506	9.22	1832	9.69	2652	26.38	2636	15.00	239146	12.58
2	Catla	3646	12.27	7200	15.74	80	12.08	1141	6.99	1626	8.60	1287	12.80	1757	10.00	157571	8.29
3	Mrigal	3084	10.38	7543	16.49	63	9.43	1099	6.73	1043	5.52	1997	19.86	2109	12.00	171261	9.01
4	Kalibaus	1004	3.38	3230	7.06	51	7.68	147	0.90	791	4.19	15	0.15	527	3.00	31065	1.63
5	Bata	0	0.00	0	0.00	0	0.00	240	1.47	490	2.59	0	0.00	0	0.00	37277	1.96
6	Gonia	0	0.00	111	0.24	8	1.13	278	1.70	641	3.39	26	0.26	351	2.00	14110	0.74
7	Silver carp	1991	6.70	3544	7.75	60	8.99	1980	12.12	261	1.38	1257	12.50	1406	8.00	184909	9.73
8	Grass carp	527	1.77	1510	3.30	36	5.45	413	2.53	816	4.32	603	6.00	1406	8.00	44783	2.36
9	Mirror/Common carp	314	1.06	1999	4.37	28	4.20	987	6.04	771	4.08	665	6.61	1186	6.75	70106	3.69
10	Other Exotic carp	425	1.43	1841	4.02	3	0.45	7	0.04	124	0.66	105	1.04	88	0.50	26426	1.39
11	Pangas	4581	15.42	4185	9.15	77	11.56	815	4.99	1084	5.73	308	3.06	395	2.25	441643	23.24
12	Boal/Air	0	0.00	40	0.09	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	754	0.04
13	Shol/Gazar/Taki	75	0.25	33	0.07	0	0.00	1	0.01	28	0.15	0	0.00	0	0.00	1982	0.10
14	Koi	94	0.32	113	0.25	0	0.00	4	0.02	398	2.11	175	1.74	176	1.00	46457	2.44
15	Shingi/Magur	0	0.00	21	0.05	3	0.45	5	0.03	358	1.89	25	0.25	88	0.50	27331	1.44
16	Big Shrimp/ Prawn	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	88	0.50	1871	0.10
17	Small Shrimp/ Prawn	8	0.03	15	0.03	0	0.00	5	0.03	0	0.00	0	0.00	0	0.00	4351	0.23
18	Tilapia/ Nilotica	8568	28.84	2913	6.37	101	15.16	4980	30.50	6769	35.81	710	7.06	3514	20.00	316286	16.64
19	Sarpunti/Thai punti	389	1.31	536	1.17	8	1.26	2708	16.58	1735	9.18	225	2.24	1757	10.00	43799	2.30
20	Other Inland Fish	56	0.19	268	0.59	40	6.00	14	0.09	135	0.71	3	0.03	88	0.50	39170	2.06
	Total	29710	100	45744	100	666	100	16330	100	18903	100	10053	100	17571	100	1900298	100

Table 3.20. Annual Fish Production of Seasonal Cultured Waterbodies, 2017-18

Sl. No.	District	Area in Hectare				Production in Metric Ton	
		Fish Culture in Floodplain & Paddy Field		Fish Culture in Boropit		Total	
		Area	Production	Area	Production	Area	Production
1	Dhaka	1819	3530	11	9	1830	3539
2	Faridpur	902	1466	188	312	1090	1778
3	Gazipur	3284	8554	3	5	3287	8559
4	Gopalganj	661	1314	139	108	800	1422
5	Kishorgonj	2913	5445	0	0	2913	5445
6	Madaripur	101	189	0	0	101	189
7	Manikgonj	3568	3461	10	8	3578	3469
8	Munsigonj	1455	4446	26	69	1481	4515
9	Narayangonj	1207	1934	210	621	1417	2555
10	Narsingdi	434	1221	443	1086	877	2307
11	Rajbari	1100	1782	224	233	1324	2015
12	Shariatpur	1308	2229	0	0	1308	2229
13	Tangail	2926	6089	144	337	3070	6426
	Dhaka Div.	21678	41660	1398	2788	23076	44448
14	Mymensingh	1845	5717	198	168	2043	5885
15	Netrakona	3281	7229	18	37	3299	7266
16	Jamalpur	1768	2651	0	0	1768	2651
17	Sherpur	558	1531	6	5	564	1536
	Mymensingh Div.	7452	17128	222	210	7674	17338
18	Bagerhat	7522	8290	219	345	7741	8635
19	Chuadanga	733	1317	11	12	744	1329
20	Jashore	7961	26190	19	16	7980	26206
21	Jhenaidhah	1302	4119	407	741	1709	4860
22	Khulna	0	0	0	0	0	0
23	Kushtia	706	782	143	275	849	1057
24	Magura	152	256	4	7	156	263
25	Meherpur	221	204	0	0	221	204
26	Narail	0	0	278	464	278	464
27	Satkhira	7241	9187	258	213	7499	9400
	Khulna Div.	25838	50345	1339	2073	27177	52418
28	Barguna	664	584	28	17	692	601
29	Barishal	13054	12601	0	0	13054	12601
30	Bhola	0	0	132	243	132	243
31	Jhalokathi	354	445	0	0	354	445
32	Patuakhali	30	39	52	75	82	114
33	Pirojpur	936	673	754	355	1690	1028
	Barishal Div.	15038	14342	966	690	16004	15032

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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	2506	2800	404	659	2910	3459
35	Gaibandha	289	330	186	388	475	718
36	Kurigram	2809	2574	411	547	3220	3121
37	Lalmonirhat	1888	1154	95	166	1983	1320
38	Nilphamari	163	161	0	0	163	161
39	Panchagarh	132	71	17	20	149	91
40	Rangpur	1326	941	203	442	1529	1383
41	Thakurgaon	32	22	0	0	32	22
	Rangpur Div.	9145	8053	1316	2222	10461	10275
42	Bogura	507	593	81	159	588	752
43	C.Nawabganj	94	111	0	0	94	111
44	Joypurhat	41	34	22	51	63	85
45	Naogaon	227	171	47	108	274	279
46	Natore	176	225	111	193	287	418
47	Pabna	8747	7713	525	1562	9272	9275
48	Rajshahi	6208	6028	377	942	6585	6970
49	Sirajganj	2509	2435	344	670	2853	3105
	Rajshahi Div.	18509	17310	1507	3685	20016	20995
50	Bandarban	0	0	0	0	0	0
51	B.Barua	2464	2682	29	59	2493	2741
52	Chandpur	706	878	641	1007	1347	1885
53	Chattogram	0	0	0	0	0	0
54	Cumilla	16794	32719	181	274	16975	32993
55	Cox's Bazar	83	64	32	18	115	82
56	Feni	64	55	25	54	89	109
57	Khagrachari	0	0	0	0	0	0
58	Lakshmipur	270	468	221	324	491	792
59	Noakhali	3255	5592	108	124	3363	5717
60	Rangamati	35	36	0	0	35	36
	Ctg. Div.	23671	42494	1237	1860	24908	44354
61	Habiganj	192	317	6	13	198	330
62	Moulvibazar	69	43	397	704	466	747
63	Sunamganj	669	918	209	217	878	1135
64	Sylhet	5677	9127	87	154	5764	9281
	Sylhet Div.	6607	10405	699	1088	7306	11493
	Total	127938	201737	8684	14616	136622	216353

	Area (Ha)	Production (MT)	MT/Ha	% of Prod.	Growth Rate (%)
Floodplain/Paddy field	127938	201737	1.577	93.24	0.47
Boropit	8684	14616	1.683	6.76	(-) 0.88
Total	136622	216353	1.584	100.00	0.37

Table 3.21. Species Composition of Fish Production of Seasonal Cultured Waterbodies, 2017-18

Sl. No.	Species	Total Catch (MT)	(%)
1	Rui (<i>Labeo rohita</i>)	50736	23.45
2	Catla (<i>Catla catla</i>)	22632	10.46
3	Mrigal (<i>Cirrhinus cirrhosus</i>)	23991	11.09
4	Kalibaus (<i>Labeo calbasu</i>)	387	0.18
5	Bata (<i>Labeo Bata</i>)	9807	4.53
6	Ghonia (<i>Labeo gonius</i>)	2388	1.10
7	Silver Carp (<i>Hypophthalmichthys molitrix</i>)	34815	16.09
8	Grass Carp (<i>Ctenopharyngodon idella</i>)	11257	5.20
9	Common Carp (<i>Cyprinus carpio</i>)	22121	10.22
10	Other Exotic Carp	0	0.00
11	Pangas (<i>Pangasius pangasius</i>)	0	0.00
12	Boal/Air/Guizza Air (<i>Wallago attu/ Sperata aor / Sperata seenghala</i>)	115	0.05
13	Shol/Gazar/Taki (<i>Channa striatus/C. marulius/C. punctatus</i>)	228	0.11
14	Koi (<i>Anabas testudineus</i>)	1337	0.62
15	Singi/Magur (<i>Heteropneustes fossilis/Clarias batrachus</i>)	45	0.02
16	Tilapia/Nilotica (<i>Oreochromis mossambicus/O. niloticus</i>)	21986	10.16
17	Sarpunti (<i>Puntius sarana</i>)	8133	3.76
18	Other Inland Fish	4628	2.14
19	Big Prawn	680	0.31
20	Small Prawn	1067	0.49
	TOTAL	216353	100.00

Table 3.22. Annual Fish Production of Baors, 2017-18

District	Area (Ha)	Production (MT)
Faridpur	355	463
Gopalganj	110	92
Madaripur	200	205
Rajbari	300	411
Dhaka Division	965	1171
Chuadanga	686	1139
Jashore	1127	2146
Jhenaidah	807	1174
Khulna	225	179
Kushtia	372	690
Magura	510	651
Meherpur	400	452
Narail	290	285
Satkhira	106	185
Khulna Division	4523	6901
TOTAL	5488	8072
	<i>Unit Production (MT/Ha)</i>	<i>1.471</i>

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 Baors, 2017-18

SL. No.	Species	Total Production	
		MT	%
1	Rui	1169	14.48
2	Catla	670	8.30
3	Mrigal	474	5.87
4	Kalibaus	26	0.32
5	Bata	186	2.30
6	Gonia	9	0.11
7	Silver carp	1355	16.78
8	Grass carp	453	5.61
9	Mirror/Common carp	353	4.37
10	Other Exotic carp	38	0.47
11	Pangas	0	0.00
12	Boal/Air	111	1.37
13	Shol/Gazar/Taki	187	2.31
14	Koi	9	0.11
15	Shingi/Magur	9	0.11
16	Tilapia/Nilotica	312	3.86
17	Sarpunti/Thai punti	143	1.77
18	Other Inland Fish	2236	27.71
19	Big Shrimp/Prawn	9	0.11
20	Small Shrimp/Prawn	323	4.00
	TOTAL	8072	100.00

Table 3.24. Annual Production of Shrimp/Prawn Farms, 2017-18

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	0	0	0	0	0	0	0	0	0	0
Faridpur	0	3.59	0	3.59	0	2.24	0	2.24	0	2.95	5.19
Gazipur	0	0.13	0	0.13	0	0.07	0	0.07	0	0.47	0.54
Gopalganj	0	1262.93	0	1262.93	0	768.02	0	768.02	0	1304.65	2072.67
Kishorgonj	0	0.42	0	0.42	0	0.15	0	0.15	0	1.23	1.38
Madaripur	0	78.48	0	78.48	0	37.25	0	37.25	0	113.25	150.50
Manikgonj	0	3.20	0	3.20	0	2.45	0.60	3.05	0	4.31	7.36
Munsigonj	0	0	0	0	0	0	0	0	0	0	0
Narayangonj	0	0	0	0	0	0	0	0	0	0	0
Narsingdi	0	0.68	0	0.68	0	0.26	0	0.26	0	0.18	0.44
Rajbari	0	1.24	0	1.24	0	0.50	0	0.5	0	1.38	1.88
Shariatpur	0	22.15	0	22.15	0	5.40	0	5.4	0	39	44.40
Tangail	0	0	0	0	0	0	0	0	0	0	0
Dhaka Div.	0	1372.82	0	1372.82	0	816.34	0.60	816.94	0	1467.42	2284.36
Jamalpur	0	0	0	0	0	0	0	0	0	0	0
Mymensingh	0	0.96	0	0.96	0	0.85	0	0.85	0	0.64	1.49
Netrakona	0	0.29	0	0.29	0	0.23	0	0.23	0	1.95	2.18
Sherpur	0	0.00	0	0	0	0	0	0	0	0	0
Mymensingh Div.	0	1.25	0	1.25	0	1.08	0	1.08	0	2.59	3.67
Bagerhat	52550.0	19960.00	1719.0	74229.00	16242	14962	1988.63	33192.63	2552.33	28863	64607.96
Chuadanga	0.0	0.00	0.0	0	0	0	0	0	0	0	0
Jashore	2321.0	16369.9	500.0	19190.94	507	9207	135.70	9849.7	0.43	27793	37643.13
Jhenaidhah	0.0	2.4	0.0	2.40	0	1.21	0	1.21	0	11	12.209
Khulna	36159.9	20034.5	6825.0	63019.40	12463	14501.78	1380.70	28345.48	6998	20700	56043.48
Kushtia	0.0	0.7	0.0	0.70	0	0.54	0	0.54	0	3.40	3.94
Magura	0.0	23.4	0.0	23.36	0	5.42	0	5.42	0	45	50.42
Meherpur	0.0	0.00	0.0	0.00	0	0	0	0	0	0	0
Narail	0.0	2327.0	0.0	2327.00	0	2477.84	180	2657.84	0	2767	5424.84
Satkhira	49066.0	9271.8	395.0	58732.78	20941	6363	2871.91	30175.91	1155	33545	64875.91
Khulna Div.	140096.9	67989.7	9439.0	217525.58	50153	47518.78	6556.94	104228.72	10705.76	113727.4	228661.87
Barguna	307.7	185	11.15	503.85	110.70	108.25	73	291.95	24.7	653.56	970.21
Barishal	0	1721.43	0	1721.43	0	1189.10	0	1189.1	0	2213	3402.10
Bhola	22	22.55	19.31	63.86	8.27	9.44	2.04	19.75	49.52	86.81	156.08
Jhalokathi	0	46.86	0	46.86	0	19.50	0	19.5	0	35	54.5
Patuakhali	476	711	25.00	1212.00	468	317	270	1055	90	2403	3548
Pirojpur	70	1044.6	5.20	1119.80	108	877	28.20	1013.2	10.4	608	1631.60
Barishal Div.	875.7	3731.44	60.66	4667.80	694.97	2520.29	373.24	3588.5	174.62	5999.37	9762.49

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District	Area (Ha)				Shrimp/ Prawn Production (MT)				Crab Production (MT)	Fish Production (MT)	Total Production (MT)
	Bagda	Galda	Crab	Total	Bagda	Galda	Other shrimp/ prawn	Total shrimp/ prawn			
Dinajpur	0	12.73	0	12.73	0	2.19	0.12	2.31	0	19	21.31
Gaibandha	0	2.48	0	2.48	0	1.45	0	1.449	0	3	4.449
Kurigram	0	1.14	0	1.14	0	0.65	0	0.65	0	4.8	5.450
Lalmonirhat	0	0.4	0	0.4	0	0.13	0	0.13	0	1.3	1.430
Nilphamari	0	0.53	0	0.53	0	0.39	0	0.387	0	1.59	1.977
Panchagarh	0	0.34	0	0.34	0	0.17	0	0.17	0	0.92	1.090
Rangpur	0	2.02	0	2.02	0	1.40	0	1.396	0	1.5	2.896
Thakurgaon	0	0.9	0	0.9	0	0.45	0	0.45	0	1.45	1.900
Rang. Div	0	20.54	0	20.54	0	6.82	0.12	6.942	0	33.56	40.50
Bogura	0	0.57	0	0.57	0	0.365	0	0.37	0	2	2.37
C.Nawabganj	0	0	0	0	0	0	0	0	0	0	0.00
Joypurhat	0	5.84	0	5.84	0	1.22	0	1.215	0	14.7	15.92
Naogaon	0	0.76	0	0.76	0	0.23	0	0.225	0	1.56	1.79
Natore	0	0.56	0	0.56	0	0.50	0	0.5	0	5.05	5.55
Pabna	0	3.32	0	3.32	0	1.07	0	1.069	0	7.8	8.87
Rajshahi	0	2.353	0	2.35	0	1.18	0	1.181	0	9.94	11.12
Sirajganj	0	0.13	0	0.13	0	0.18	0	0.18	0	0.5	0.68
Raj. Div	0	13.533	0	13.533	0	4.74	0	4.735	0	41.55	46.29
Bandarban	0	2.42	0	2.42	0	1.56	0	1.56	0	3.15	4.71
B.Barua	0	0	0	0	0	0	0	0	0	0	0
Chandpur	0	46.43	0	46.43	0	8.72	0	8.72	0	119.55	128.27
Chattogram	2922.08	205.82	139	3266.9	686.05	111.76	220.25	1018.06	195	445	1658.06
Cumilla	0	35.56	0	35.56	0	29.8	14.75	44.55	0	128.45	173
Cox's Bazar	40926.4	186.11	198.2	41310.7	10175	454.06	2104.09	12733.15	696	9515.79	22944.935
Feni	0	35.4	0	35.4	0	9.97	0.20	10.17	0	53.36	63.53
Khagrachari	0	0.00	0	0	0	0	0	0	0	0	0
Lakshmipur	0	72	0	72	0	32	0	32	0	24.30	56.30
Noakhali	0	144.34	17.1	161.44	0	53.55	0	53.55	15.5	251.50	320.55
Rangamati	0.00	0.00	0	0	0	0	0	0	0	0	0
Ctg. Div	43848.5	728.08	354.3	44930.85	10861.05	701.42	2339.29	13901.76	906.5	10541.10	25349.355
Habiganj	0	0.26	0	0.26	0	0.14	0	0.142	0	0.39	0.53
Moulv.Baz	0	1.2	0	1.2	0	0.54	0	0.54	0	0.30	0.84
Sunamgonj	0	0.13	0	0.13	0	0.08	0	0.08	0	0.50	0.58
Sylhet	0	1.01	0	1.01	0	0.58	0	0.58	0	3.14	3.72
Sylhet Div	0	2.60	0	2.6036	0	1.34	0	1.34	0	4.33	5.67
Total	184821	73860	9854	268535	61709	51571	9270	122550	11787	131817	266154
%	0	12.73	0	12.73	0	2.19	0.12	2.31	0	19	21.31

Species	Area (Ha)			Production. (MT)			Kg/Ha		Growth Rate (%)	
	2017-18	2016-17	Difference	2017-18	2016-17	Difference	2017-18	2016-17	2017-18	2016-17
Bagda	184821	205654	(-) 20833	61709	68272	(-) 6563	334	332	(-) 9.61	0.08
Galda	73860	67063	6797	51571	48574	2997	698	724	6.17	5.16
Other Shrimp /Prawn	-	-	0	9270	13450	(-) 4180	36	49	(-) 31.08	19.1
Shrimp/Prawn Total	-	-	0	122550	130296	(-) 7746	474	478	(-) 5.94	3.66
Fish	-	-	0	131817	116110	15707	510	426	13.53	1.76
Total	258681	272717	(-) 14036	254367	246406	7961	983	904	3.23	2.76
Crab	9854	27010	(-) 17156	11787	14421	(-) 2634	1196	534	(-) 18.27	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 Farms, 2017-18

Sl. No.	Species	Total Production (MT)	%
1	Bagda (<i>Penaeus monodon</i>)	61709	23.19
2	Galda (<i>Macrobrachium rosenbergii</i>)	51571	19.38
3	Harina (<i>Metapenaeus monoceros</i>)	3882	1.46
4	Chaka (<i>Fenneropenaeus indicus</i>)	2029	0.76
5	Other Shrimp/Prawn	3359	1.26
	Shrimp/Prawn Total	122550	46.04
6	Rui	28244	10.61
7	Catla	21076	7.92
8	Mrigal	3663	1.38
9	Kalibaus	0	0.00
10	Bata	2538	0.95
11	Ghonia	187	0.07
12	Silver Carp	14185	5.33
13	Grass Carp s	616	0.23
14	Mirror/Common Carp	580	0.22
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	38465	14.45
22	Thai Sharpunti	15190	5.71
23	Other Fish	7073	2.66
	Fish Total	131817	49.53
24	Crab	11787	4.43
	Grand Total	266154	100

Table 3.26. Sector-wise Annual Shrimp/Prawn Production, 2017-18

	Sector of Fisheries	Galda	Bagda	Harina	Chaka	Other Shrimp/Prawn	Total
1	River	5339	34	3135	56	9897	18461
2	Sundarbans	42	49	0	0	258	349
3	Beel	58	0	0	0	4081	4139
4	Kaptai Lake	0	0	0	0	11	11
5	Floodplain	1843	0	0	0	42642	44485
6	Pond	1871	0	0	0	4350	6221
7	Seasonal cultured water bodyd	680	0	0	0	1067	1747
8	Baor	9	0	0	0	323	332
9	Shrimp/Prawn Farm	51571	61709	3882	2029	3359	122550
10	Pen Culture	0	0	0	0	71	71
11	Cage Culture	0	0	0	0	0	0
	Inland Total	61413	61792.02	7017	2085	66059	198366
12	Marine Industrial	0	253	1715	54	1660	3682
13	Marine Artisanal	0	2300	3150	4500	35215	45165
	Marine Total	0	2553	4865	4554	36875	48847
	COUNTRY TOTAL	61413	64345.33	11881.86	6639	102934.11	247213
	<i>Growth Rate (%)</i>	<i>9.37</i>	<i>(-) 8.83</i>	<i>5.91</i>	<i>19.04</i>	<i>5.45</i>	<i>1.71</i>

Table 3.27. Annual Fish Production in Pen Culture, 2017-18

District	Area (Ha)	Production (MT)	MT/Ha	District	Area (Ha)	Production (MT)	MT/Ha
Dhaka	35	140	4.00	Dinajpur	0	0	0
Faridpur	587	1095.5	1.87	Gaibandha	7	7.34	1.05
Gazipur	376	1206.11	3.21	Kurigram	80	143	1.79
Gopalganj	2085	3560.09	1.71	Lalmonirhat	0	0	0
Kishorgonj	393	985.02	2.51	Nilphamari	13	15.2	1.17
Madaripur	50	61	1.22	Panchagarh	0	0	0
Manikgonj	384	761	1.98	Rangpur	18	26	1.44
Munsigonj	66	101.7	1.54	Thakurgaon	0	0	0
Narayanganj	443	1004.5	2.27	Rangpur Div.	118	191.54	1.62
Narsingdi	35	367	10.49	Bogura	0	0	0
Rajbari	0	0	0	C.Nawabganj	0	0	0
Shariatpur	32	36.7	1.15	Joypurhat	0	0	0
Tangail	0	0	0	Naogaon	0	0	0
Dhaka Div.	4486	9318.62	2.08	Natore	0	0	0
Mymensingh	0	0	0	Pabna	1	3.35	3.35
Netrakona	11	34.68	3.15	Rajshahi	0	0	0
Jamalpur	400	730	1.83	Sirajganj	0	0	0
Sherpur	0	0	0	Rajshahi Div.	1	3.35	3.35
Mymensingh Div.	411	764.68	1.86	Bandarban	0	0	0
Bagerhat	0	0	0	B.Barua	0	0	0
Chuadanga	0	0	0	Chandpur	56	196.48	3.51
Jashore	0	0	0	Chattogram	0	0	0
Jhenaidhah	0	0	0	Cumilla	56	59.7	1.07
Khulna	6	17	2.83	Cox's Bazar	0	0	0
Kushtia	9	21	2.33	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	23	41.02	1.78
Khulna Div.	15	38	2.53	Chattogram Div.	135	297.2	2.20
Barguna	4	7.2	1.80	Habiganj	27	70	2.59
Barishal	13	44.56	3.43	Moulv.Baz	7	15	2.14
Bhola	0	0	0	Sunamgonj	10	40.1	4.01
Jhalokathi	55	205	3.73	Sylhet	0	0	0
Patuakhali	2	5	2.50	Sylhet Div.	44	125.1	2.84
Pirojpur	10	15	1.50	Total	5294	11015	2.08
Barishal Div.	84	276.76	3.29	-	-	-	-

Table 3.28. Annual Fish Production in Cage Culture, 2017-18

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	10	18.58	186	4	Dinajpur	0	0	0	0
Faridpur	1	18.58	19	2	Gaibandha	60	18.58	1115	12.7
Gazipur	0	0	0	0	Kurigram	150	18.58	2787	104.58
Gopalganj	64	18.58	1189	29.83	Lalmonirhat	0	0	0	0
Kishorgonj	55	18.58	1022	34.35	Nilphamari	0	0	0	0
Madaripur	604	18.58	11222	483.20	Panchagarh	10	18.58	186	8
Manikgonj	0	0	0	0	Rangpur	0	0	0	0
Munsigonj	120	18.58	2230	2.50	Thakurgaon	20	18.58	372	7
Narayangonj	0	0	0	0	Rangpur Div	240	18.58	4460	132.28
Narsingdi	860	18.58	15979	599.5	Bogura	0	0	0	0
Rajbari	0	0	0	0	C.Nawabganj	230	18.58	4273	90
Shariatpur	20	18.58	372	7	Joypurhat	0	0	0	0
Tangail	34	18.58	632	30.8	Naogaon	290	18.58	5388	132.84
Dhaka Div	1768	18.58	32849	1193.18	Natore	70	18.58	1301	21.4
Mymensingh	50	18.58	929	12	Pabna	90	18.58	1672	104
Netrokona	0	0	0	0	Rajshahi	50	18.58	929	20.01
Jamalpur	0	0	0	0	Sirajganj	262	18.58	4868	104
Sherpur	0	0	0	0	Raj. Div	992	18.58	18431	472.25
Mymensingh Div.	50	18.58	929	12	Bandarban	0	0	0	0
Bagerhat	0	18.58	0	0	B.Barua	0	0	0	0
Chuadanga	0	0	0	0	Chandpur	2360	18.58	43849	945.3
Jashore	0	0	0	0	Chattogram	0	0	0	0
Jhenaithah	0	0	0	0	Cumilla	120	18.58	2230	242
Khulna	10	18.58	186	4	Cox's Bazar	0	0	0	0
Kushtia	142	18.58	2638	87.89	Feni	100	18.58	1858	26
Magura	0	0	0	0	Khagrachari	0	0	0	0
Meherpur	0	0	0	0	Lakshmipur	390	18.58	7246	113
Narail	0	0	0	0	Noakhali	0	0	0	0
Satkhira	0	0	0	0	Rangamati	12	18.58	223	8.41
Khulna Div	152	18.58	2824	91.89	Ctg. Div	2982	18.58	55406	1334.71
Barguna	120	18.58	2230	32	Habiganj	50	18.58	929	20
Barishal	0	0	0	0	Moulv.Baz	78	18.58	1449	35
Bhola	140	18.58	2601	65.73	Sunamgonj	168	18.58	3121	57
Jhalokathi	70	18.58	1301	28	Sylhet	0	0	0	0
Patuakhali	40	18.58	743	12	Sylhet Div	296	18.58	5500	112
Pirojpur	90	18.58	1672	36.36	Total	6940	18.58	128946	3522.6
Barishal Div	460	18.58	8547	174.09					

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

Table 3.29. Species-wise Fish Production of Cage and Pen Culture, 2017-18

SL. No.	Species	Cage Culture		Pen Culture	
		Production (MT)	%	Production (MT)	%
1	Rui	0	0	1517	13.77
2	Catla	0	0	1059	9.61
3	Mrigal	0	0	967	8.78
4	Kalibaus	0	0	120	1.09
5	Bata	0	0	262	2.38
6	Gonia	0	0	146	1.33
7	Silver carp	0	0	826	7.50
8	Grass carp	0	0	270	2.45
9	Mirror/Common carp	0	0	238	2.16
10	Other Exotic carp	0	0	174	1.58
11	Pangas	0	0	284	2.58
12	Boal/Air	0	0	42	0.38
13	Shol/Gazar/Taki	0	0	39	0.35
14	Koi	0	0	14	0.13
15	Shingi/Magur	0	0	7	0.06
16	Tilapia/Nilotica	3523	100	2680	24.33
17	Sarpunti/Thai punti	0	0	1184	10.75
18	Big Shrimp/Prawn	0	0	0	0.00
19	Small Shrimp/Prawn	0	0	71	0.64
20	Other Inland Fish	0	0	1115	10.12
	TOTAL	3523	100	11015	100

Table 3.30. Annual Catch of Hilsa in Inland and Marine Fisheries, 2017-18

[Unit : Metric Ton]

District	Principal River						Other River	Sundarbans	Inland Total	Marine Total	Country Total
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahmaputra					
Dhaka	0	0	115	0	0	0	0	0	115	0	115
Faridpur	0	0	355	0	0	0	0	0	355	0	355
Gazipur	0	0	0	0	0	0	0	0	0	0	0
Gopalganj	0	0	0	0	0	0	5	0	5	0	5
Kishoreganj	0	167	0	0	0	0	0	0	167	0	167
Madaripur	0	0	91	0	0	0	0	0	91	0	91
Manikganj	0	0	1039	0	0	0	0	0	1039	0	1039
Munshiganj	0	381	569	0	0	0	0	0	950	0	950
Narayanganj	0	104	0	0	0	0	0	0	104	0	104
Narsingdi	0	152	0	0	0	0	0	0	152	0	152
Rajbari	0	0	523	286	0	0	0	0	809	0	809
Sariatpur	1103	0	0	0	0	0	0	0	1103	0	1103
Tangail	0	0	0	0	30	0	0	0	30	0	30
Dhaka Div.	1103	804	2692	286	30	0	5	0	4920	0	4920
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	99	8	0	0	107	0	107
Sherpur	0	0	0	0	0	0	0	0	0	0	0
Mymensingh Div.	0	0	0	0	99	8	0	0	107	0	107
Bagerhat	0	0	0	0	0	0	951	146	1097	646	1743
Chuadanga	0	0	0	0	0	0	0	0	0	0	0
Jashore	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	694	271	965	0	965
Kushtia	0	0	0	532	0	0	0	0	532	0	532
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	3	0	3	0	3
Satkhira	0	0	0	0	0	0	0	215	215	0	215
Khulna Div.	0	0	0	532	0	0	1648	632	2812	646	3458
Barguna	0	0	0	0	0	0	4822	0	4822	66917	71739
Barishal	27615	0	0	0	0	0	2065	0	29680	1254	30934
Bhola	84993	0	0	0	0	0	3141	0	88134	81471	169605
Jhalokathi	0	0	0	0	0	0	796	0	796	0	796
Patuakhali	0	0	0	0	0	0	25263	0	25263	33593	58856
Pirojpur	0	0	0	0	0	0	1404	0	1404	1172	2576
Barishal Div.	112608	0	0	0	0	0	37491	0	150099	184407	334506

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	4	28	0	0	32	0	32
Kurigram	0	0	0	0	0	185	0	0	185	0	185
Lalmonirhat	0	0	0	0	0	0	1	0	1	0	1
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	4	213	1	0	218	0	218
Bogura	0	0	0	0	1	0	0	0	1	0	1
C.Nawabganj	0	0	0	40	0	0	0	0	40	0	40
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	2	0	0	0	0	2	0	2
Pabna	0	0	0	93	49	0	0	0	142	0	142
Rajshahi	0	0	0	164	0	0	0	0	164	0	164
Sirajganj	0	0	0	0	137	0	0	0	137	0	137
Rajshahi Div.	0	0	0	299	187	0	0	0	486	0	486
Bandarban	0	0	0	0	0	0	0	0	0	0	0
Brahmanbaria	0	273	0	0	0	0	0	0	273	0	273
Chandpur	31219	0	0	0	0	0	2762	0	33981	0	33981
Chattogram	0	0	0	0	0	0	6886	0	6886	51304	58190
Cumilla	0	0	0	0	0	0	0	0	0	0	0
Cox's Bazar	0	0	0	0	0	0	2296	0	2296	36800	39096
Feni	0	0	0	0	0	0	34	0	34	0	34
Khagrachari	0	0	0	0	0	0	0	0	0	0	0
Laksmipur	17447	0	0	0	0	0	132	0	17579	0	17579
Noakhali	12945	0	0	0	0	0	50	0	12995	11343	24338
Rangamati	0	0	0	0	0	0	0	0	0	0	0
Ctg. Division	61611	273	0	0	0	0	12160	0	74044	99447	173491
Habiganj	0	0	0	0	0	0	0	0	0	0	0
Moulvi Bazar	0	0	0	0	0	0	1	0	1	0	1
Sunamganj	0	0	0	0	0	0	5	0	5	0	5
Sylhet	0	0	0	0	0	0	6	0	6	0	6
Sylhet Division	0	0	0	0	0	0	12	0	12	0	12
Total	175322	1077	2692	1117	320	221	51317	632	232698	284500	517198
%	33.90	0.21	0.52	0.22	0.06	0.04	9.92	0.12	44.99	55.01	100

[Unit : Metric Ton]

Sector	2017-18			2016-17	
	Production	Production Increase	Growth Rate (%)	Production	Growth Rate (%)
River	232066	14766	6.80	217300	54.51
Sundarbans	632	463	273.96	169	55.04
Marine Industrial	11060	4112	59.18	6948	88.04
Marine Artisanal	273440	1440	0.53	272000	8.58
Total	517198	20781	4.19	496417	25.69

Table 3.31. Annual Catch of Marine Fisheries, 2017-18

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	2621	0	2749	5370
b) Fish Trawler	216	648	1061	11060	102596	114717
TOTAL INDUSTRIAL	253	759	3682	11060	105345	120087
B. Artisanal						
1. Gill Net Fishing						
a) Mechanized	20359	77768	0	251140	66545	317685
b) Non Mechanized	16831	40585	0	22300	20550	42850
SUB-TOTAL	37190	118353	0	273440	87095	360535
2. Set Bag Net Fishing						
a) Seasonal (MB)	10000	22404	30600	0	102185	132785
b) Seasonal (NMB)	5200	10000	10100	0	1590	11690
c) All Seasonal (NMB)	5550	10025	1300	0	425	1725
SUB-TOTAL	20750	42429	42000	0	104200	146200
3. Long Line Fishing						
a) Jew Fish Long Line						
Mechanized	2500	10191	0	0	16550	16550
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	17250	17250
4. Trammel Net Fishing (NMB)	131	422	1140	0	4150	5290
5. Other Gears Fishing (NMB)	6373	15640	2025	0	3300	5325
TOTAL ARTISANAL	67669	188707	45165	273440	215995	534600
GRAND TOTAL (A+B)	67922	189466	48847	284500	321340	654687

Growth Rate : 2.71% , (Hilsa : 1.99%; Shrimp : (-) 1.56% and other species : 4.02%)

Growth Rate (Industrial) : 10.70%; Growth Rate (Artisanal) : 1.06%

Trawler		Boat		Gear	
Type	No.	Type	No.	Type	No.
Shrimp Trawler	37	MB (Mechanized Boat)	32859	Gill Net	118353
Fish Trawler	216	NMB (Non-Mechanized Boat)	34810	Set Bag Net	42429
				Long Line	11863
				Trammel Net	422
				Other Gear	15640
Total	253		67669		188707

Table 3.32. Species-wise Catch of Marine Fisheries, 2017-18

[Unit : Metric Ton]

Type of Fishing	Shrimp (A)	Hilsa (B)	Other Species									Grand Total (A+B+C)
			Sardine	Bombay Duck	Indian Salmon	Pom fret	Jew Fish	Cat Fish	Shark/Skate/Ray	Other Marine Fish	Total (C)	
A. Industrial Trawl Fishing	3682	11060	40936	6050	0	849	3862	2735	549	50364	105345	120087
B. Artisanal 1 Gill Net Fishing												
a) Mechanized	0	251140	475	6500	425	2800	21550	1650	1450	31695	66545	317685
b) Non-mechanized	0	22300	0	80	0	200	1850	100	25	18295	20550	42850
SUB-TOTAL	0	273440	475	6580	425	3000	23400	1750	1475	49990	87095	360535
2. Set Bag Net Fishing												
a) Seasonal	40700	0	40	62125	0	8050	1475	55	165	31865	103775	144475
b) All Seasonal	1300	0	0	115	0	0	0	30	35	245	425	1725
SUB-TOTAL	42000	0	40	62240	0	8050	1475	85	200	32110	104200	146200
3. Long Line Fishing												
a) Jew Fish Long Line												
Mechanized	0	0	0	0	42	0	3800	4075	1680	6953	16550	16550
Non-Mechanized	0	0	0	0	20	0	165	125	40	150	500	500
b) Other Long Line	0	0	0	0	0	0	85	50	30	35	200	200
SUB-TOTAL	0	0	0	0	62	0	4050	4250	1750	7138	17250	17250
4. Trammel Net Fishing	1140	0	0	40	0	0	1490	470	0	2150	4150	5290
5. Other Gears' Fishing	2025	0	35	175	0	0	1150	165	0	1775	3300	5325
TOTAL ARTISANAL	45165	273440	550	69035	487	11050	31565	6720	3425	93163	215995	534600
GRAND TOTAL (Industrial+Artisanal)	48847	284500	4186	75085	487	11899	35427	9455	3974	143728	321541	654687
%	7.46	43.46	6.34	11.47	0.07	1.82	5.41	1.44	0.61	21.95	49.11	100.00

Species-wise Annual Shrimp Catch in Marine Fisheries

Sector	Bagda (Tiger)	Harina (Brown)	Chaka (White)	Others	Total	Growth Rate (%)
Trawl Fishing	253.31	1714.86	53.72	1660.11	3682	14.38
Artisanal Fishing	2300	3150	4500	35215	45165	(-) 2.66
Total	2553.31	4864.86	4553.72	36875.11	48847	(-) 1.56

Table 3.33. Annual Carp Hatchling Production, 2018

Source of Production	No of Hatchery	Hatchling Production (Kg)	%
3) Natural			
Jamuna River		1767	
Padma River		2049	
Arialkha River		262	
Brahmaputra River		120	
Garai/Madhumati River		561	
Surma		8	
Halda River		4507	
Natural Total		9274	1.33
3) Artificial			
Govt. Hatchery	102	12059	1.73
Private Hatchery	824	674695	96.94
Artificial Total	926	686754	98.67
COUNTRY TOTAL	926	696028	100

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, 2018

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	27	0.45	0	0.00	27	0.45
Private Hatchery	19	4.76	49	1412.04	68	1416.80
TOTAL	46	5.21	49	1412.04	95	1417.25

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

Table 3.35. Hatchling Production of Govt. Hatchery, 2018

Name/Location of Hatchery	No. of Hatchery	Hatchling Production (Kg)								
		Major Carp	Exotic Carp	Pangas	Thai Puntl	Bata	Koi	Shingi/Magur	Other	Total
Fish Seed Multiplication Farm										
1. Dhaka Division	13	694.00	320.00	0.00	88.00	115.00	0.00	1.00	20.0	1238.0
2. Mymensingh Division	9	818.50	391.00	126.00	78.00	15.50	0.00	0.00	0.00	1429.0
3. Khulna Division	14	2390.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2390.0
4. Barishal Division	10	297.50	45.00	20.00	3.00	20.00	0.00	0.00	0.00	385.50
5. Rangpur Division	15	740.85	517.90	0.00	99.50	144.00	0.00	0.00	0.00	1502.3
6. Rajshahi Division	17	1222.50	921.10	10.00	77.00	305.00	0.00	0.00	0.00	2535.6
7. Chattogram Division	18	1308.25	317.00	0.00	78.50	18.00	0.00	0.00	25.0	1746.8
8. Sylhet Division	6	631.35	53.00	0.00	142.50	5.00	0.00	0.00	0.00	831.85
Total	102	8102.95	2565.00	156.00	566.50	622.50	0.00	1.00	45.0	12059

Table 3.36. Hatchling Production of Private Hatchery, 2018

Division	No. of Hatchery	Hatchling Production (Kg)									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Puntl	Bata	Koi	Shingi/Magur	Other	Total	
Dhaka	43	16410	6906	0	2333	2337	268	804	607	29665	584
Mymensingh	199	51830	48106	27345	8695	2949	4413	11964	25767	181069	6913
Khulna	95	54359	33269	4224	2035	3984	1248	255	2336	101710	4171
Barishal	42	22467	7331	146	1088	60	361	61	120	31634	207
Rangpur	71	17653	20611	5291	2936	6013	310	537	303	53654	78
Rajshahi	175	44341	39417	53506	4825	13461	1467	1959	2462	161437	5401
Chattogram	179	52524	26968	14001	4403	976	577	625	1119	101193	8644
Sylhet	20	9363	1863	78	2883	19	0	89	38	14333	952
TOTAL	824	268947	184471	104591	29198	29799	8644	16294	32752	674695	26949

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 Productin on of Hatchling of Private Hatchery, 2018

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	2983	390	0	490	492	0	0	0	4355	10.82
Faridpur	2	2598	1750	0	416	131	0	0	0	4895	0
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
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
Manikganj	2	1307	306	0	164	410	0	0	0	2187	0
Munshiganj	1	372	230	0	230	142	0	0	0	974	0
Narayanganj	1	0	0	0	0	0	0	0	0	0	0
Narsingdi	7	431	253	0	93	49	268	514	126	1734	215.8
Rajbari	4	427	213	0	49	180	0	0	383	1252	0
Shariatpur	1	0	0	0	0	0	0	88	0	88	0
Tangail	6	2325	1188	0	535	769	0	202	98	5117	147.47
Dhaka Div	43	16410	6906	0	2333	2337	268	804	607	29665	583.9
Mymensingh	14	2415	1272	0	394	497	0	55	0	4633	335.74
Netrakona	167	47972	46257	27345	8190	2397	4413	11023	25428	173025	6037
Jamalpur	10	766	328	0	109	55	0	886	339	2483	0
Sherpur	8	677	249	0	2	0	0	0	0	928	540
Mymensingh Div.	199	51830	48106	27345	8695	2949	4413	11964	25767	181069	6912.74
Bagerhat	1	2409	0	0	0	0	0	0	0	2409	9.53
Chuadanga	1	0	0	0	0	0	0	0	181	181	152.5
Jashore	45	37085	29674	4224	1583	1062	783	255	1385	76051	1387.64
Jhenaidah	1	482	241	0	0	24	36	0	0	783	0
Khulna	4	8091	0	0	0	1079	429	0	637	10236	178.59
Kushtia	13	3799	1831	0	205	1150	0	0	12	6997	50.84
Magura	1	0	0	0	0	0	0	0	0	0	0
Meherpur	2	451	277	0	66	127	0	0	0	921	0
Narail	2	758	698	0	181	542	0	0	120	2299	40.67
Satkhira	25	1284	548	0	0	0	0	0	1	1833	2351.09
Khulna Div	95	54359	33269	4224	2035	3984	1248	255	2336	101710	4170.86
Barguna	3	6994	1345	12	249	30	0	0	0	8630	15
Barishal	16	5421	4039	61	241	0	0	0	0	9762	0
Bhola	12	409	217	0	0	0	0	0	0	626	178
Jhalokhati	2	2468	265	0	229	0	0	0	0	2962	0
Patuakhali	7	181	120	61	120	0	361	61	120	1024	12.58
Pirozpur	2	6994	1345	12	249	30	0	0	0	8630	1
Barishal Div.	42	22467	7331	146	1088	60	361	61	120	31634	206.58

District	No. of Hatchery	Hatchling Production (Kg)									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Puntl	Bata	Koi	Shingi/Magur	Other	Total	
Dinajpur	8	2078	1277	0	89	271	0	0	61	3776	0
Gaibandha	15	2380	4256	0	481	1733	199	13	67	9129	0
Kurigram	12	4016	3749	0	597	1677	0	0	0	10039	13.52
Lalmonirhat	1	11	2980	5291	0	0	0	0	0	8282	0
Nilphamari	10	4118	4035	0	448	271	0	0	0	8872	0
Panchagar	2	1061	0	0	44	0	0	0	0	1105	0
Rangpur	21	3491	3698	0	1046	1644	111	524	156	10670	64.56
Thakurgaon	3	498	616	0	231	417	0	0	19	1781	0
Rangpur Div.	71	17653	20611	5291	2936	6013	310	537	303	53654	78.08
Bogura	96	22610	20476	49504	2709	9702	1382	1791	420	108593	2096.89
C. Nababganj	3	586	529	0	33	56	0	0	0	1204	0
Joypurhat	10	3998	1692	249	110	287	0	0	1966	8302	101.66
Naogaon	23	1537	3037	3753	121	685	85	124	8	9352	0
Natore	10	1459	1361	0	64	213	0	0	0	3096	2351.07
Pabna	8	6231	3241	0	624	602	0	0	0	10697	787.93
Rajshahi	13	3630	5620	0	523	479	0	44	68	10364	0
Sirajganj	12	4290	3461	0	641	1437	0	0	0	9829	63.55
Rajshahi Div	175	44341	39417	53506	4825	13461	1467	1959	2462	161437	5401.1
Bandarban	0	0	0	0	0	0	0	0	0	0	0
B-Baria	21	8478	2179	1614	1194	438	0	0	479	14382	54.39
Chandpur	15	1749	821	16	124	20	0	0	0	2730	566.79
Chattogram	8	354	67	0	22	0	0	0	0	443	0.02
Cumilla	75	33556	19958	10492	2521	518	577	625	68	68315	3004.28
Coxes Bazar	11	176	25	0	2	0	0	0	0	203	826.05
Feni	16	4257	1305	0	459	0	0	0	50	6071	59.7
Khagrachari	0	0	0	0	0	0	0	0	0	0	0
Lakshmipur	11	915	213	0	0	0	0	0	13	1141	196.73
Noakhali	22	3039	2400	1879	81	0	0	0	509	7908	3935.81
Rangamati	0	0	0	0	0	0	0	0	0	0	0
Ctg. Div.	179	52524	26968	14001	4403	976	577	625	1119	101193	8643.77
Habiganj	5	2315	724	0	450	19	0	0	0	3508	0
Maulavi Bazar	6	5749	553	0	2212	0	0	0	0	8514	942.32
Sunamganj	5	1017	553	78	188	0	0	0	33	1869	9.34
Sylhet	4	282	33	0	33	0	0	89	5	442	0
Sylhet Div.	20	9363	1863	78	2883	19	0	89	38	14333	951.66
TOTAL	824	268947	184471	104591	29198	29799	8644	16294	32752	674695	26948.69
%	-	39.86	27.34	15.50	4.33	4.42	1.28	2.42	4.85	100.00	-

Growth rate of Hatchling : 2.38%; Growth rate of Tilapia Juvenile : 4.56%

Table 3.38. Annual Carp Spawn/Fertilized Egg Collected from Natural Source, 2018

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	173	2000
Sirajganj	Shahjadpur	Sonatali, Belotia, Tarotia.	Jamuna	10	23	33	9	June to July	2	42	3000
Sirajganj	Chauhali	Khashkaolia, Basotia, Gorjan, Omarpur	Jamuna	7	13	54	8	May to June	2	969	1500
Sirajganj	Belkuchi	Khiramatia, Delua, Thakurpara, Jangalia	Jamuna	16	26	22	11	June to July	2	200	3200
Sirajganj	Kazirpur	Magai, Khudbandi, Shingrbari, Shuvagacha	Jamuna	7	14	64	8	May to June	2	195	2000
Pabna	Bera	Raksha, Nagarbari	Jamuna	5	23	72	7	May to June	2	188	2000
Jamuna Total				87	87	145	381	49	-	-	
Natore	Lalpur	Lakshampur, Beelmatia	Padma	6	33	6	3	Aug to Sept	2	51	4000
Pabna	Eshardi	Kamarpur, Sharagat, dadapur	Padma	11	36	34	10	June to July	2	141	1200
Rajshahi	Ghudaghari	Alipur, Chakpara, Kharijagati	Padma	8	20	100	4	June to Aug	2	121	4000
Rajshahi	Paba	Berpara, Shyampur, Char Khidirpur, Talaimari	Padma	30	48	180	32	July to Aug	4	186	1200
Rajshahi	Chargat	Tangon Shapur, Yousofpor, Raotia, Chargatbridge, Mongli	Padma, Baral	12	82	28	30	June to Sept	2	1380	4000
Rajshahi	Bagha	Sharehat, Alaipur, Morshidpur, Mirgonj	Padma	5	15	10	5	Aug to Sept	1	25	3000
Faridpur	Faridpur sadar	North channel, Decree char, C&B ghat	Padma	6	19	73	12	June to July	3	145	2500
Padma Total				78	78	253	431	96	-	-	
Faridpur	Sadarpur	Karalcandi, Char Valashia, Chandrapara, Chudhurihat	Arial Kha	5	20	72	8	June to July	3	262	2500
Arialkha Total				5	5	20	72	8	-	-	
Faridpur	Modhukhali	Modhumati, Nawapara, Dyayaramara	Gharai/Modhumati	10	30	122	11	June to Aug	3	107	3000
Magura	Sreepur	Kudla, Mashioala, Langalband, Ananda nagar, Gangaramkhali	Gharai Nodi	4	8	4	2	July to Aug	3	337	1700
Magura	Mohammadpur	Naderchad ghat, Kumarpur, Alanbari, Babukhali	Modhumati	18	9	3	3	July to Aug	1	58	1700
Magura	Magura sadar	Kalinagar ghat, Ghayshpur ghat	Modhumati	4	8	4	4	July to Aug	2	59	3000
Gharai, Modhumati Total				36	36	55	133	20	-	-	
Sylhet	Golapgonj	Hajipur	Surma	2	2	2	1		2	8	3000
Surma Total				2	2	2	2	1		2	
Gaibandha	Shagatta	Munshir hat	Brahmaputra	6	23	14	3	June to July	1	70	2400
Gaibandha	Fulshari	3 rd Ghat, Rasulpur	Brahmaputra	3	12	78	5	June to July	1	50	2400
Brahmaputra Total				9	9	35	92	8			
Chattogram	Hathazari	Katakhalthona, Mardarsha, Masuagona,	Halda	193	721	362	339	Apr to June	3	2374	3400
Chattogram	Rawzan	Khalifarhona, Ramdashat, Keraltalir Bak	Halda	104	557	261	258	Apr to June	3	2133	4300
Halda Total				297	297	1278	623	597		4507	---
Country Total				512	514	1788	1734	779		9274	---

Table 3.39. Year-wise Annual Export of Fish and Fish Product (2000-01 to 2017-18)

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	
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	12882.50	220.26	0.16	0.08	808.80	4.65	68305.68	4287.64	1.51
2017-18	36167.77	3527.07	0.00	0.00	8265.26	276.29	8889.85	214.80	3143.93	42.59	213.62	26.60	11435.33	217.53	0.50	0.12	819.46	4.96	68935.72	4309.94	1.50

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 (2017-18). Crab - 188.92 MT & Value -14.89 crore taka and Kuchia - 11246.41 MT & Value-202.64 crore taka

Exported Frozen Shrimp/ Prawn in 2017-18

	(MT)	Core Taka
Galda	5848.48	567.07
Bagda	26325.87	2720.44
Others	3993.42	239.56
Total	36167.77	3527.07

Table 3.40. Sector-wise Annual Fish Production from 2005-06 to 2017-18

[Unit : Metric Ton]

Year	Capture					Culture							Marine		Total	Growth Rate (%)
	River	Sundarbans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal Cultured waterbody	Baor	Shrimp	Crab	Pen Culture	Cage Culture	Marine Industrial	Marine Artisanal		
2005-06	137859	16423	76365	7548	690753	759628	27738	4498	127923	-	-	-	34084	445726	2328545	5.08
2006-07	136958	17751	75137	8085	738673	811954	30157	4698	129160	-	-	-	35391	452047	2440011	4.79
2007-08	136812	18151	77524	8248	786515	866049	32931	4778	134715	-	-	-	34159	463414	2563296	5.05
2008-09	138160	18462	79200	8590	843671	912178	35842	5038	145585	-	-	-	35429	479215	2701370	5.39
2009-10	141148	20437	79209	7336	781807	1140484	46902	8727	155866	-	-	-	34182	483100	2899198	7.32
2010-11	144566	22451	81564	8980	797024	1219736	51230	4864	184939	-	-	-	41665	504668	3061687	5.60
2011-12	145613	21610	85208	8537	696127	1392412	132163	5186	196306	-	-	-	73386	505234	3261782	6.54
2012-13	147264	15945	87902	9017	701330	1446594	200833	6146	206235	-	-	-	73030	515958	3410254	4.55
2013-14	167373	18366	88911	8179	712976	1526160	193303	6514	216447	-	13054	1447	76885	518500	3548115	4.04
2014-15	174878	17580	92678	8645	730210	1613240	201280	7267	223582	-	13070	1969	84846	515000	3684245	3.84
2015-16	178458	16870	95453	9589	747872	1719783	207658	7729	239798	13160	13364	2062	105348	521180	3878324	5.27
2016-17	271639	18086	98117	9982	765782	1833118	215547	8002	246406	14421	13368	2490	108479	528997	4134434	6.60
2017-18	320598	18225	99197	10152	768367	1900298	216353	8072	254367	11787	10285	4253	120087	534600	4276641	3.44

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 2017-18*[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	2017-18
1	Major Carp	509995	535492	547652	617761	692597	753572	777005	731662	728695	755074	750880	811588	846397
2	Other Carp	9303	9821	9339	11155	64359	55021	60356	54130	80138	80997	80647	100730	111373
3	Exotic Carp	257739	292961	333452	305938	376006	265375	299494	402490	389642	363737	357933	409801	454078
4	Pangas (Cat Fish)	-	-	-	-	-	-	-	-	371068	406818	504674	510097	453383
5	Other Cat Fish	34104	58588	85869	117856	208972	221965	288887	360722	81536	64537	65130	66646	68850
6	Snake Head	101309	102686	110460	122093	113989	117577	89351	53305	60282	69305	70106	72991	73358
7	Live Fish	60292	58158	75286	77113	101368	94000	95063	102651	115185	133512	136113	127120	144007
8	Tilapia	-	-	-	-	-	-	-	-	298062	347801	377346	370017	381215
9	Other Inland fish	634829	643160	643876	646085	575620	710853	763668	835457	524488	542711	568446	598923	646350
10	Hilsha	277123	279189	290000	298921	313753	339845	346512	351223	385140	387211	394951	496417	517198
11	Shrimp/Prawn	211010	221131	223095	244972	186418	239460	252523	228769	223788	230244	234188	246774	247304
12	Crab	-	-	-	-	-	-	-	-	-	-	13160	14421	11787
13	Sardine	-	-	-	-	-	-	20187	29636	27590	32835	44386	48704	41486
14	Bombay Duck	39331	36009	36980	58263	58464	60750	62817	71745	51673	53950	58545	69230	75085
15	Indian Salmon	1018	969	1040	7733	7733	4521	3030	2445	1960	1020	895	775	487
16	Pomfret	12023	13061	16728	46643	50245	40478	39537	29693	23355	11437	10593	10686	11899
17	Jew Fish	32538	35214	33803	38414	35514	36639	37929	30600	36170	31826	31894	33768	35427
18	Sea Cat Fish	18151	18131	20534	16515	16722	17193	19700	8594	9719	9476	8695	8424	9455
19	Shark/ Skate / Ray	4448	4790	4767	3933	4794	4205	3865	5017	5648	5093	4622	4495	3974
20	Other Marine Fish	125332	130651	130415	87975	92644	100233	101858	112115	133976	156661	165120	132827	143527
	Total	2328545	2440011	2563296	2701370	2899198	3061687	3261782	3410254	3548115	3684245	3878324	4134434	4276641

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 2017-18)

Sector of Fisheries	Production (MT)							Growth Rate % (2017-18)
	1983-84	1993-94	2003-04	2013-14	2015-16	2016-17	2017-18	
1. River and Estuary	207766	143425	137337	167373	178458	271639	320598	18.02
2. Sundarbans	7783	7127	15242	18366	16870	18086	18225	0.77
3. Beel	51373	55592	74328	88911	95453	98117	99197	1.10
4. Kaptai Lake	4057	6635	7238	8179	9589	9982	10152	1.70
5. Floodplain	200616	360597	497922	712976	747872	765782	768367	0.34
Capture Total	471595	573376	732067	995805	1048242	1163606	1216539	4.55
6. Pond	107944	222542	795810	1526160	1719783	1833118	1900298	3.67
7. Seasonal cultured waterbody	0	0	0	193303	207658	215547	216353	0.37
8. Baor	862	2201	4282	6514	7729	8002	8072	0.87
9. Shrimp/Prawn Farm	8219	39447	114660	216447	239798	246406	254367	3.23
10. Crab**	0	0	0	0	13160	14421	11787	(-)18.27
11. Pen Culture	0	0	0	13054	13364	13368	10285	(-) 23.06
12. Cage Culture***	0	0	0	1447	2062	2490	4253	70.80
Culture Total	117025	264190	914752	1956925	2203554	2333352	2405415	3.09
Inland Fisheries Total	588620	837566	1646819	2952730	3251796	3496958	3621954	3.57
Marine Fisheries	--							
13. Industrial	14500	12454	32606	76885	105348	108479	120087	10.70
14. Artisanal	150382	240590	422601	518500	521180	528997	534600	1.06
Marine Fisheries Total	164882	253044	455207	595385	626528	637476	654687	2.70
Total Fish Production	753502	1090610	2102026	3548115	3878324	4134434	4276641	3.44

Annexure - 1

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

Riverine Fisheries :

River-1

Government of the People's Republic of Bangladesh
 Fisheries Resources Survey System
 Department of Fisheries
CATCH ASSESSMENT SURVEY OF RIVER
Number of Fishing Units (Survey Form -1)

1. River----- Code Date

2. District----- Code

3. Upazila----- Name of Officer-----

4. Union-----

5. Village----- Code

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

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/Ilish								
15	Galda								
16	Bagda								
17	Harina								
18	Chaka								
19	Other small shrimp/prawn								
Total									

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

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

1. River ----- Code Month -----Year-----
 2. District ----- Code
 3. Upazila ----- Name of Officer -----
 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) Kg	(B) Kg	(A+B)/2 Kg	
1	Rui				
2	Catla				
3	Mrigal				
4	Kalibaus				
5	Bata				
6	Ghonia				
7	Pangas				
8	Boal/Air				
9	Shol/Gazar/Taki				
10	Koi				
11	Shingi/Magur				
12	Sarpunti				
13	Other Inland Fish				
14	Hilsa/Ilish				
15	Galda				
16	Bagda				
17	Harina				
18	Chaka				
19	Other small shrimp/prawn				
	Total				

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

Signature

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

River-4

CATCH ASSESSMENT SURVEY OF RIVER

Yearly Summary Sheet (Principal River / Other River)

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

(Figure in Metric Ton)

Code	Species	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
01	Rui													
02	Catla													
03	Mrigal													
04	Kalibaus													
05	Bata													
06	Ghonia													
07	Pangas													
08	Boal/Air													
09	Shol/Gazar/Taki													
10	Koi													
11	Shingi/Magur													
12	Sarpunti													
13	Other Inland Fish													
14	Hilsa/Illich													
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
 Intensive 4>-10MT/Ha

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

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

MONTHLY CATCH ASSESSMENT SURVEY OF POND

Sp. Code	Species	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total	Av. Selling Rate	Total Price
		Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	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
Fisheries Resources Survey System
Department of Fisheries
UPAZILA-WISE SAMPLE CATCH RECORD OF POND

Pond-4

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

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

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

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

Annual Production of Shrimp and Crab for 2017-2018 (Financial Year)

Name of Division:

Name of District:

Area in Hectare

Production in Metric Ton

Sl. No.	Name of Upazila	Shrimp/Prawn Farm										Crab		Remarks		
		Golda Farm				Bagda Farm					Total					
		Area	Production			Area	Production				Area	Prod.	Area		Pro.	
			Golda	Other Shrimp	Fish		Bagda	Golda	Other Shrimp	Fish						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
	Total															

Signature

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
Fisheries Resources Survey System
Department of Fisheries

Form-S2/F2**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, Chattogram.

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 license: Yes/No.

OBSERVATION

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

(a) Shrimp

(b) Fish

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

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

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

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

12. Number of Officers and crew on board:
- | | | |
|---------|--------------|----------------|
| | <u>Local</u> | <u>Foreign</u> |
| Officer | | |
| Crew | | |
| Total | | |

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

Name and signature of inspecting officer:
Date:

Form - MI - 2

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

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, Chattogram.

Tabulation Form of Inspection/Observation Report of Sea Trawlers

Month Type of Fishing

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

xxviii

Form - MI - 4

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

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, Chattogram.

Catch Assessment Survey of Marine Artisanal Fisheries

Fishing Units Record

District :
 Upazila :
 Fishing Village

Date :
 Name of Officer

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.

Form : MA - 2

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

Sample Catch Record Marine Artisanal Fisheries

District : Date :
Upazila : Name of Officer

Landing Center or Fishing Village

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

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

Form : MA - 3

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

Signature

Annual Fish Production in Cage Culture 2017-2018

Name of District:		Area in Hectare				Production in Metric Ton				
Sl. No.	Name of Upazila	Cage Culture								
		River				Other Water Bodies				Total Prod (5+8)
		Name of River	Number of Cage	Av. area/ Cage (Sq. meter)	Production	Type of Water Body	Number of Cage	Av. area/ Cage (Sq. meter)	Production	
1	2		3	4	5		6	7	8	9
	Total									

Signature
District Fisheries Officer

Compilation_Data :

Chart - 1

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

Name of District :

Area in Hectare

Production in Metric Ton

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

Signature

Compilation_Data :

Chart - 2

FRSS Chart-2

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

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

*Culture Method:

- 1) Extensive
- 2) Semi-intensive
- 3) Intensive

- < 1.5 MT/Ha
- 1.5 - 4.0 MT/Ha
- 4.0> - 10.0 MT/Ha

4) Highly Intensive

10.0>

MT/Ha

Signature

Compilation_Data :

Chart - 3

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

Name of District:

Area in Hectare

Production in Metric Ton

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

Signature

Annexure - 2

Persons involved in preparation of the Yearbook

Dr. G. M. Shamsul Kabir	Assistant Chief Department of Fisheries
Md. Abdur Razzaque	Assistant Director Department of Fisheries
Afshan Noor	Scientific Officer Department of Fisheries
Kazi Mofizul Hoque	Statistical Officer Department of Fisheries
Begum Razia Sultana	Research Officer Department of Fisheries
Halima Akhter	Cartographer Department of Fisheries
Md. Abdul Karim	Fishery Survey Officer Department of Fisheries
Quazi Sania Afreen	Fishery Survey Officer Department of Fisheries
Md. Tazul Islam	Fishery Survey Officer Department of Fisheries
Mst. Umma-Un- Arifa	Assistant Cartographer Department of Fisheries

Annexure -3

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
বাংলাদেশ পরিসংখ্যান ব্যুরো
সেকেন্স উইং
পরিসংখ্যান ভবন, ই-২৭/এ আশারগাঁও, ঢাকা-১২০৭
www.bbs.gov.bd

নং: ৫২.০১.০০০০.৪০০.১৬.০৩৬.১৬.০৫১৩

তারিখ: ০৪ জ্যৈষ্ঠ, ১৪২৫
২৫-মে, ২০১৮

বিষয়: পরিসংখ্যান আইন, ২০১৩ অনুযায়ী মৎস্য অধিদপ্তরের "Yearbook of Fisheries Statistics of Bangladesh, 2017-18" শীর্ষক পুস্তিকা প্রকাশে শর্তসাপেক্ষে অনাপত্তি প্রদান।

সূত্র: মৎস্য অধিদপ্তরের-এর পত্র নং- ৩৩.০২.০০০০.১২৫.৬৯.০০২.১৩.১৫৩ তারিখ: ২২/০৪/২০১৮ খ্রি।

উপর্যুক্ত বিষয় ও সূত্র পত্রের পরিপ্রেক্ষিতে মৎস্য অধিদপ্তর কর্তৃক প্রস্তুতকৃত "Yearbook of Fisheries Statistics of Bangladesh, 2017-18" শীর্ষক প্রতিবেদনটি প্রকাশের নিমিত্ত এতদসঙ্গে সংযুক্ত ফরম-২ অনুযায়ী শর্তসাপেক্ষে অনাপত্তি প্রদান করা হলো।

সংযুক্তি: ফরম-২।

মহাপরিচালক
মৎস্য অধিদপ্তর
রমনা, ঢাকা।


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

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, 2017-18” শীর্ষক প্রতিবেদন প্রকাশের নিমিত্ত অনাপত্তি প্রদান করা হলো।

শর্তসমূহঃ

- (১) পরবর্তীতে জরিপ করার পূর্বে জরিপের Sampling Frame ও Methodology Update করতে হবে;
- (২) যে সকল পুকুরে মাছ চাষ করা হয় এবং যেগুলোতে চাষ করা হয় না দু'ধরনের পুকুরই জরিপে অন্তর্ভুক্ত করতে হবে;
- (৩) রিপোর্টের Key Findings-এ এসডিজি ইন্ডিকের ১৪.৪.১ এর হালনাগাদ তথ্য সরিবেশ করতে হবে;
- (৪) রিপোর্টের শুরুতে Executive Summary-তে মূল Findings গুলো point/bullet আকারে দিতে হবে;
- (৫) তথ্য সংগ্রহের পূর্বে প্রতিবছর তথ্য সংগ্রহকারীদের তথ্যমাধ্যম প্রশিক্ষণ প্রদান নিশ্চিত করতে হবে;
- (৬) 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।



মো. আমীর হোসেন

মহাপরিচালক

(অতিরিক্ত সচিব)

ফোন: ০২-৯১১২৫৮৯

ইমেইল: dg@bbs.gov.bd

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
বাংলাদেশ পরিসংখ্যান ব্যুরো
সেপাস উইং
পরিসংখ্যান ভবন, ই-২৭/এ আগারগাঁও, ঢাকা-১২০৭
www.bbs.gov.bd

নং: ৫২.০১.০০০০.৪০০.১৬.০৩৬.১৬. ০৬২

তারিখ: ০৪ জুলাই, ১৪২৫
২১ মে, ২০১৮

বিষয়: ০৮/০৫/২০১৮ খ্রি. তারিখে অনুষ্ঠিত “Yearbook of Fisheries Statistics of Bangladesh, 2017-18” পুস্তিকা প্রকাশে অনাপত্তি প্রদান বিষয়ে জরিপ/শুমারি প্রস্তাব পরীক্ষা, অনুমোদন ও পরিবীক্ষণ কমিটির সভার কার্যবিবরণী।

- ১.১ সভার তারিখ ও সময় : ০৮ মে, ২০১৮ সময়: বিকাল ০৩:০০ 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।

২.০১ সভার শুরুতে সভাপতি উপস্থিত সকল সদস্যকে স্বাগত জানিয়ে সভার কার্যক্রম শুরু করেন। তিনি সভার কার্যসূচি উপস্থাপন ও সে অনুযায়ী সভা পরিচালনার জন্য জরিপ/শুমারি প্রস্তাব পরীক্ষা, অনুমোদন ও পরিবীক্ষণ কমিটির সদস্য-সচিব কে অনুরোধ জানান। সদস্য-সচিব ও পরিচালক, সেপাস উইং সকলকে অবগত করেন যে, মৎস্য ও প্রাণিসম্পদ মন্ত্রণালয়ের আওতাধীন মৎস্য অধিদপ্তর কর্তৃক প্রস্তুতকৃত “Yearbook of Fisheries Statistics of Bangladesh, 2017-18” 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। বর্ণিতবস্থায়, মৎস্য অধিদপ্তর কর্তৃক প্রস্তুতকৃত “Yearbook of Fisheries Statistics of Bangladesh, 2017-18” 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, 2017-18” 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।

৩.০১ আলোচনা:

৩.১। সভায় “Yearbook of Fisheries Statistics of Bangladesh, 2017-18” শীর্ষক প্রতিবেদন-এর Methodology, Objective, Questionnaire, Data collection, Analysis প্রক্রিয়া ও রিপোর্ট প্রণয়ন পদ্ধতি সম্পর্কে বিস্তারিত আলোচনা হয়। আলোচনার শুরুতেই জরিপের Methodology ও Sampling Frame Update করা প্রয়োজন বলে পরিচালক, এগ্রিকালচার উইং, বিবিএস মত ব্যক্ত করেন। তিনি বলেন, যে সকল পুকুরে মাছ চাষ করা হয় এবং যেগুলোতে চাষ করা হয় না দুধরনের পুকুরই জরিপে অন্তর্ভুক্ত করা প্রয়োজন। এতে সকল ধরনের মাছ জরিপের আওতায় আনা সম্ভব হবে বলে তিনি মত প্রকাশ করেন।

৩.২। এ পর্যায়ে উপপরিচালক (ডাটা ম্যানেজমেন্ট), সেপাস উইং, বিবিএস সভার দুই অর্থকর্মী করেন যে, এসডিজি সূচক ১৪.৪.১ (Proportion of fish stocks within biologically sustainable levels) বিষয়ে তথ্য-উপাত্ত মৎস্য অধিদপ্তর কর্তৃক প্রদান করার কথা। সুতরাং এ সংক্রান্ত হালনাগাদ তথ্য এ প্রতিবেদনে অন্তর্ভুক্ত করা প্রয়োজন। এ বিষয়ে আলোচনায় অংশ নিয়ে সাধারণ অর্থনীতি বিভাগ (জিইডি)-এর প্রতিনিধি বলেন, আলোচ্য জরিপের মাধ্যমে সংগৃহীত তথ্য হতে যে সকল এসডিজি ইন্ডিকের এর তথ্য দেয়া সম্ভব সেগুলো দিতে হবে। একইসাথে যে সব ইন্ডিকের-এর Meta Data আছে সেগুলোর Baseline Data দেয়া প্রয়োজন বলে তিনি মনে করেন।

৩.৩। সভার এ পর্যায়ে মৎস্য অধিদপ্তর কর্তৃক ২০১৭ সালে প্রকাশিত “Yearbook of Fisheries Statistics of Bangladesh, 2016-17” রিপোর্টটি নিয়ে আলোচনা হয়। উল্লেখ্য, রিপোর্টটি প্রকাশে বিবিএস কর্তৃক শর্তসাপেক্ষে অনাপত্তি প্রদান করা হয়েছিল। প্রকাশিত প্রতিবেদনটির বিভিন্নাদিক পর্যালোচনাপূর্বক সভার সদস্যগণ সন্তোষ প্রকাশ করেন। তবে, রিপোর্টের শুরুতে Executive Summary-তে মূল Findings গুলো point/bullet আকারে দেয়ার পক্ষে মত ব্যক্ত করেন।

৩.৪। 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, 2017-18” প্রকাশে অনাপত্তি প্রদানে সর্বসম্মতিসহে সুপারিশ করা হয়:

- (১) পরবর্তীতে জরিপ করার পূর্বে জরিপের Sampling Frame ও Methodology Update করতে হবে;
- (২) যে সকল পুকুরে মাছ চাষ করা হয় এবং যেগুলোতে চাষ করা হয় না দু'ধরনের পুকুরই জরিপে অন্তর্ভুক্ত করতে হবে;
- (৩) রিপোর্টের Key Findings-এ এসডিজি ইডিকেটর ১৪.৪.১ এর হালনাগাদ তথ্য সন্নিবেশ করতে হবে;
- (৪) রিপোর্টের শুরুতে Executive Summary-তে মূল Findings গুলো point/bullet আকারে দিতে হবে;
- (৫) তথ্য সংগ্রহের পূর্বে প্রতিবছর তথ্য সংগ্রহকারীদের যথাযথ প্রশিক্ষণ প্রদান নিশ্চিত করতে হবে;
- (৬) 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।

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

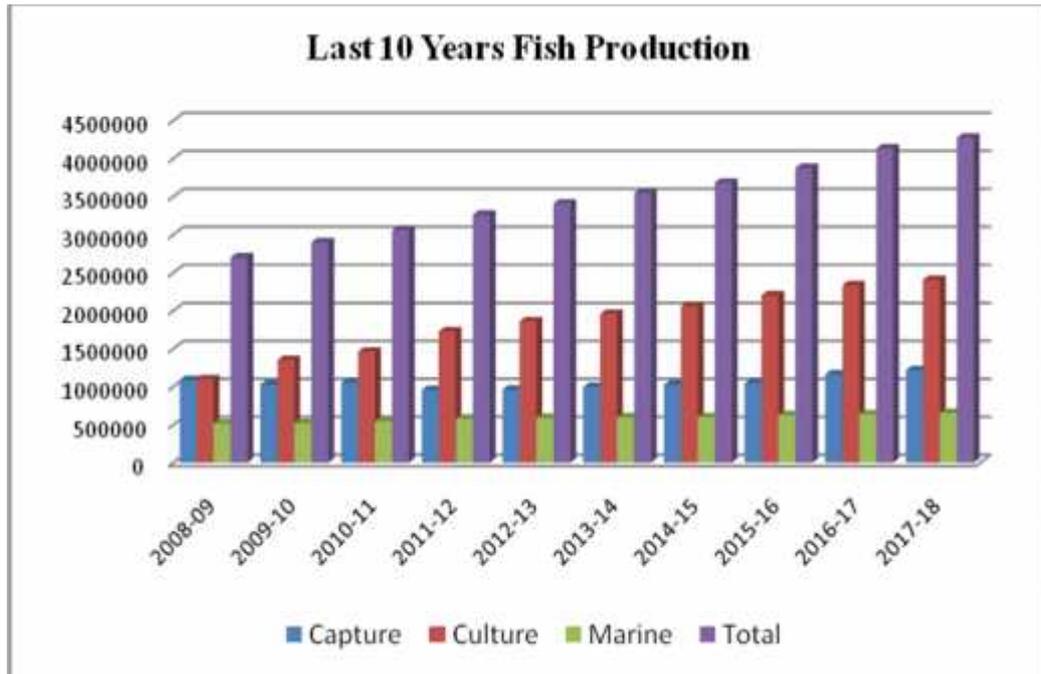

 (মো. আমীর হোসেন)
 সভাপতি
 ও
 মহাপরিচালক, বিবিএস

বিতরণ (জ্যেষ্ঠতার ক্রমানুসারে নয়):

০১. সদস্য, সাধারণ অর্থনীতি বিভাগ, পরিকল্পনা কমিশন, শেরে বাংলা নগর, ঢাকা।
০২. সচিব, মৎস্য ও প্রাণিসম্পদ মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।
০৩. মহাপরিচালক, বাংলাদেশ উন্নয়ন গবেষণা প্রতিষ্ঠান, আগারগাঁও, ঢাকা।
০৪. মহাপরিচালক, মৎস্য অধিদপ্তর, রমনা, ঢাকা।
০৫. ড. সৈয়দ সাহাদাত হোসেন, প্রফেসর, আইএসআরটি, ঢাকা বিশ্ববিদ্যালয়।
০৬. পরিচালক, আইএসআরটি, ঢাকা বিশ্ববিদ্যালয়।
০৭. পরিচালক, এগ্রিকালচার উইং, বিবিএস, ঢাকা।
০৮. পরিচালক, ন্যাশনাল আকাউন্টিং উইং, বিবিএস, ঢাকা।
০৯. পরিচালক, সেপাস উইং, বিবিএস, ঢাকা।
১০. ড. দিলকর রায়, প্রকল্প পরিচালক, HIES প্রকল্প, বিবিএস, ঢাকা।
১১. পরিচালক, ইন্ডাস্ট্রি অ্যান্ড লেবার উইং, বিবিএস, ঢাকা।
১২. উপসচিব, প্রশাসন-৩ শাখা, পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগ, আগারগাঁও, ঢাকা।
১৩. জনাব মো. আলমগীর হোসেন, উপপরিচালক, ডাটা ম্যানেজমেন্ট শাখা, সেপাস উইং, বিবিএস, ঢাকা।

অবগতির জন্য অনুলিপি:

০১. সচিবের একান্ত সচিব, পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগ, আগারগাঁও, ঢাকা।
০২. স্টাফ অফিসার, মহাপরিচালকের দপ্তর, বিবিএস, ঢাকা।
০৩. অফিস কপি।



Last 10 Years Fish Production in Bangladesh



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