YEARBOOK OF FISHERIES STATISTICS OF BANGLADESH 2021-22

Fisheries Resources Survey System
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Ministry of Fisheries and Livestock
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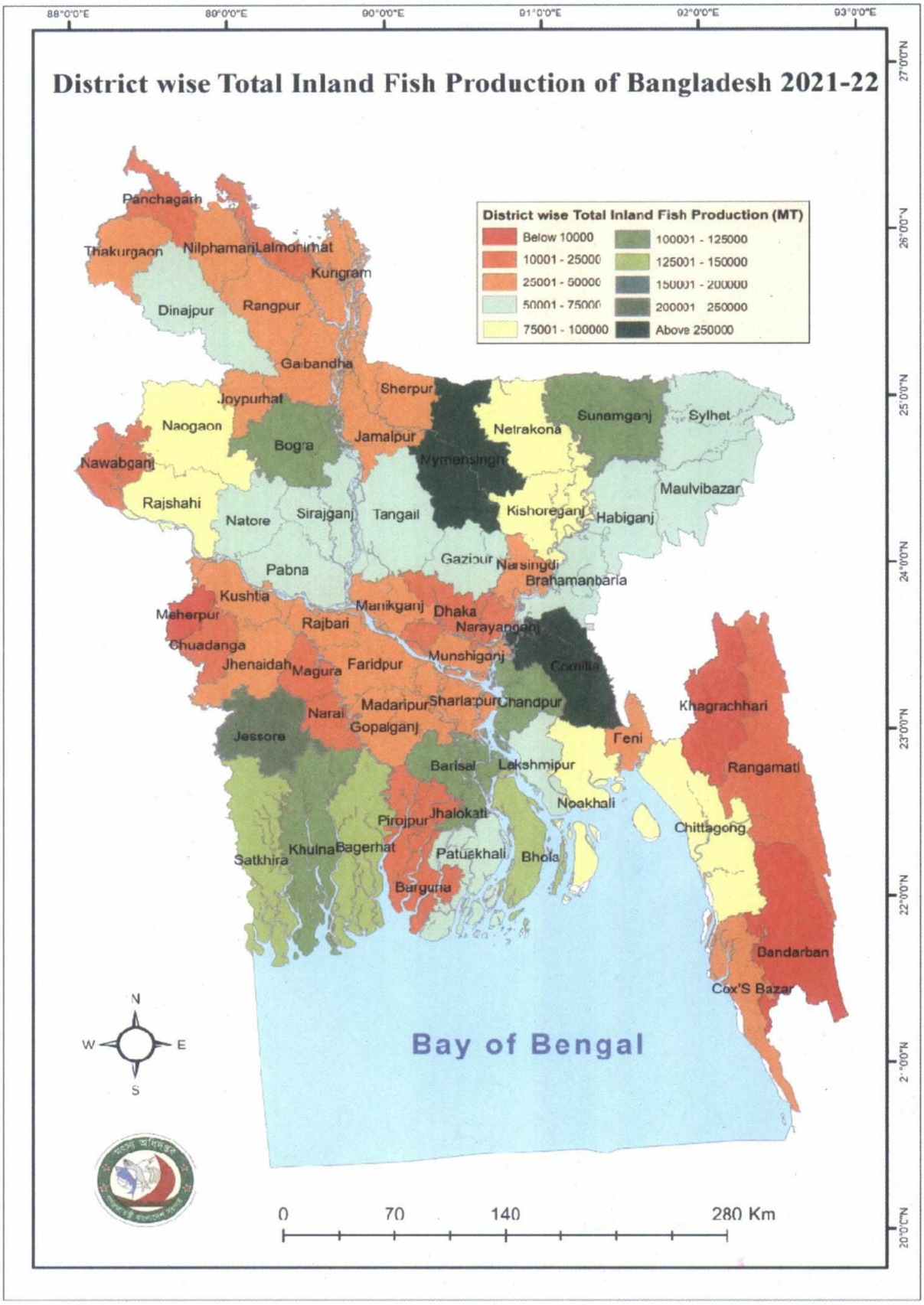
ABBREVIATIONS AND ACRONYMS

BBS	Bangladesh Bureau of Statistics
BFD	Bangladesh Forest Department
BFDC	Bangladesh Fisheries Development Corporation
BER	Bangladesh Economic Review
CEGIS	Center for Environment and Geographic Information Services
CWB	Cultured Water Body
DoF	Department of Fisheries
FAO	Food and Agriculture Organization
FRSS	Fisheries Resources Survey System
FY	Fiscal Year
GAP	Good Aquaculture Practice
GDP	Gross Domestic Product
GED	General Economic Division
GI	Geographical Indicator
GO	Government Organization
Ha	Hectare
HACCP	Hazard Analysis Critical Control Points
HFMAP	Hilsa Fisheries Management Action Plan
MoFL	Ministry of Fisheries and Livestock
MPA	Marine Protected Area
MT	Metric Ton
NFP	National Fisheries Policy
NFS	National Fisheries Strategy
NGO	Non-Governmental Organization
NOC	No Objection Certificate
Kg	Kilogram
PL	Post Larvae
SDGs	Sustainable Development Goals
SPARRSO	Space Research and Remote Sensing Organization


District wise Total Inland Fish Production of Bangladesh 2021-22
District wise Total Inland Fish Production (MT)
Below 10000
10001 - 25000
25001 - 50000
50001 - 75000
75001 - 100000
100001 - 125000
125001 - 150000
150001 - 200000
200001 - 250000
Above 250000
Panchagarh
Thakurgaon
Nilphamari
Lalmonirhat
Kurigram
Dinajpur
Rangpur
Gaibandha
Joypurhat
Sherpur
Naogaon
Bogra
Jamalpur
Nawabganj
Mymensingh
Netrakona
Sunamganj
Sylhet
Maulvibazar
Rajshahi
Natore
Sirajganj
Tangail
Kishoreganj
Habiganj
Pabna
Gazipur
Narsingdi
Brahamanbaria
Kushtia
Manikganj
Dhaka
Meherpur
Rajbari
Narayanganj
Chuadanga
Munshiganj
Jhenaidah
Magura
Faridpur
Comilla
Madaripur
Shariatpur
Chandpur
Khagrachhari
Narail
Gopalganj
Jessore
Feni
Barisal
Lakshmipur
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Noakhali
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0
70
140
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20°0'0"N
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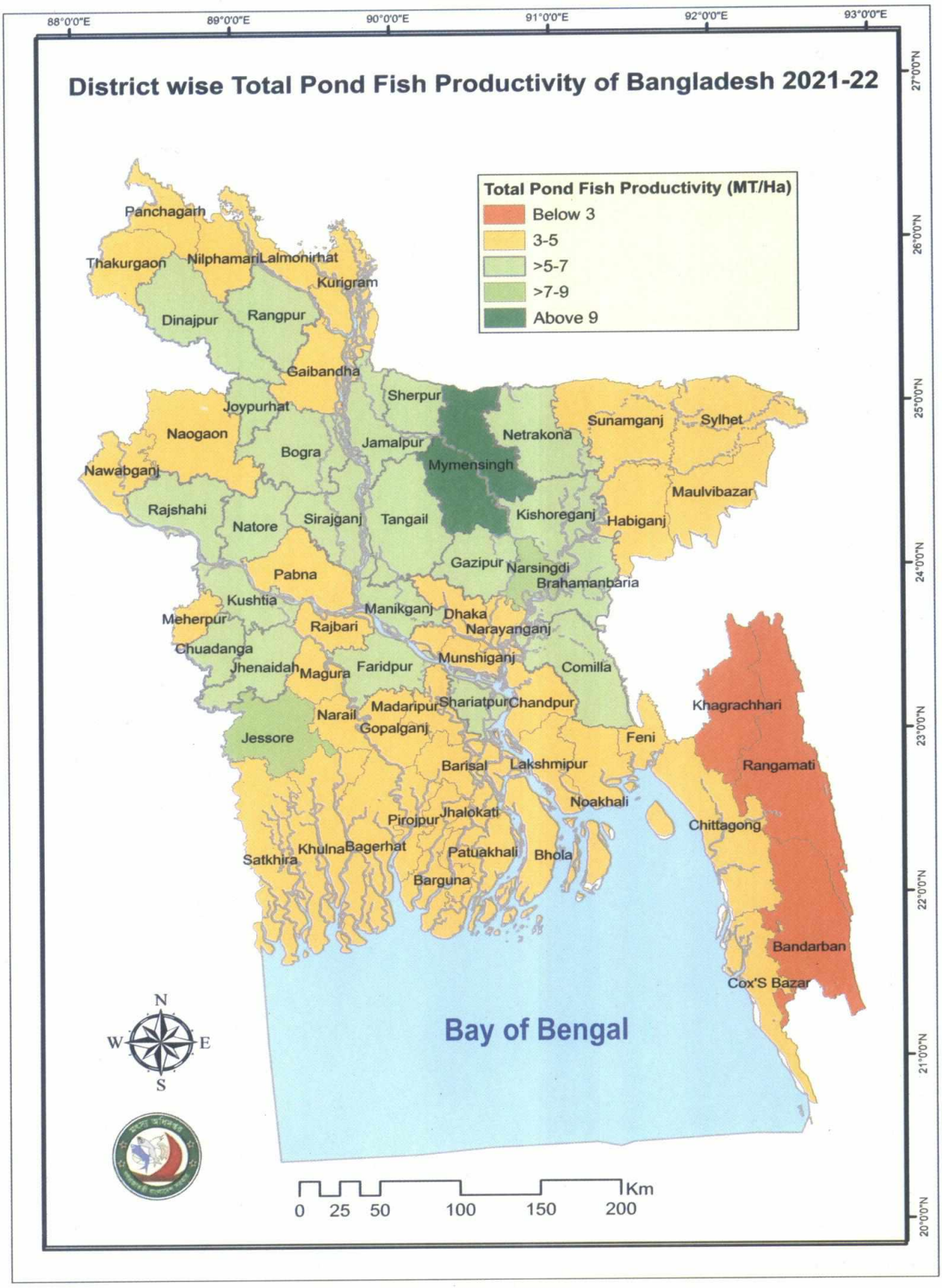
District wise Total Pond Fish Productivity of Bangladesh 2021-22
Total Pond Fish Productivity (MT/Ha)
Below 3
3-5
>5-7
>7-9
Above 9
88°0'0"E
89°0'0"E
90°0'0"E
91°0'0"E
92°0'0"E
93°0'0"E
27°0'0"N
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25°0'0"N
24°0'0"N
23°0'0"N
22°0'0"N
21°0'0"N
20°0'0"N
Panchagarh
Thakurgaon
Nilphamari
Lalmonirhat
Kurigram
Dinajpur
Rangpur
Gaibandha
Joypurhat
Naogaon
Bogra
Nawabganj
Rajshahi
Natore
Sirajganj
Pabna
Kushtia
Meherpur
Chuadanga
Jhenaidah
Magura
Faridpur
Jessore
Narail
Gopalganj
Madaripur
Rajbari
Manikganj
Tangail
Sherpur
Jamalpur
Mymensingh
Netrakona
Sunamganj
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Habiganj
Kishoreganj
Gazipur
Narsingdi
Brahamanbaria
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Narayanganj
Munshiganj
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PREFACE

Bangladesh is one of the world's leading fish producing countries with a total production of 4.759 million MT in FY 2021-22. Through this remarkable achievement Bangladesh became a self-sufficient country in fish production providing 63g of fish per person in daily dietary consumption. Inspite of financial crisis situation, the growth performance of this sector seems quite consistent and encouraging. Department of Fisheries is trying to sustain this growth performance, aligned with government development plans and policies. The GDP growth in the fisheries sector is 2.08 percent and the contribution of the fisheries sector in the overall agriculture sector is 21.83 percent in FY 2021-22 (BER 2022).

The **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 2021-22. Realizing the due importance 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, feed-seed producers, processors/entrepreneurs and development partners who are intended for the sustainable development of the fast-growing fisheries sector of Bangladesh.

This 39th edition is a unique yearly publication of the Department of Fisheries, Bangladesh since FY 1983-84. Data accumulated in this publication have been collected following structured framework-based regular field survey such as fish landing records, data from DoF field offices, reports of different projects of DoF and statistics of other concerned departments/agencies. 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 regularly provided valuable information of resource-based fisheries production to enrich the publication. It gives us immense pleasure in expressing our heartfelt gratitude to them for their valuable contributions. It also gives us great satisfaction to extend our 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.

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

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ACKNOWLEDGEMENT

In 2021-22 FY, the total fish production reached at 4.759 million MT, which exceeds the targeted fish production of 4.664 million MT. During the recent past years, the steady and sturdy growth performance in fisheries sector has helped to achieve this milestone. As one of the leading fish producing countries in the world, Bangladesh ranks 3rd in inland open water capture production, 5th in aquaculture production as stated in the FAO report **The State of World Fisheries and Aquaculture 2022**. Bangladesh also ranks 1st in global catch of hilsa shad, ilish (GI Product).

Bangladesh has achieved the visionary target of being middle income country in 2021 and is on right tract in achieving the SDGs under the guidance and dynamic leadership of the honorable Prime Minister Sheikh Hasina. The 'Vision 2041' has been adopted in line of 'Vision 2021' to provide impetus to the development dream of the nation. Where, reliable data generation is an integral part to visualize the development goals. In view of that, this yearbook has been prepared as a guide for the planners, decision makers, researchers and development partners who are intended for sustainable development of the fast-growing fisheries sector of Bangladesh. The **Yearbook of Fisheries Statistics of Bangladesh** is a regular publication of the Department of Fisheries, and this is 39th annual publication.

I would like to express my heartfelt acknowledgement, deepest sense of gratitude and profound regards to respected Director General, Department of Fisheries for his scholastic guidance, empathetic supervision, valuable advice and constructive criticism in all phases of the data collection and preparation of this yearbook. Cordial thanks and gratitudeare also given to all Divisional Deputy Director, District Fisheries Officer, Senior Upazila Fisheries Officer, Upazila Fisheries Officer and other field officials for their cooperation in providing data during data collection and processing for this publication.

Last but not the least, I would also like to express my cordial thanks and gratitude to all the members of the Editorial Committee and colleagues of DoF for their assistance and cooperation. Special thanks to colleagues of Fisheries Resources Survey System (FRSS) of DoF for their untiring efforts throughout the data processing, validation and formulation of this valuable publication.

Any suggestion in written or oral for any improvement of this publication will be appreciated with due importance.

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CONTENTS

KEY FINDINGS

Sectors of Fisheries	2021-22			2020-21			Production Increased (MT)	*Growth Rate (%)*
	Water Area (Ha)	Production (MT)	Productivity (Kg/Ha)	Water Area (Ha)	Production (MT)	Productivity (Kg/Ha)		
1	2	3	4	5	6	7	8	9
A. Inland Open Water (Capture)	**3860772**	**1321631**	**342**	**3860466**	**1301244**	**337**	**20387**	**1.57**
1. River and Estuary	853863	342545	401	853863	337051	395	**5494**	**1.63**
2. Sundarbans	177700	24259	137	177700	21544	121	**2715**	**12.60**
3. Beel	114161	105573	925	114161	104871	919	**702**	**0.67**
(a) Natural	98841	87663	887	98898	87228	882	**435**	**0.50**
(b) Beel Nursery	15320	17910	1169	15263	17643	1156	**267**	**1.51**
4. Kaptai Lake	68800	17937	261	68800	12345	179	**5592**	**45.30**
5. Floodplain	2646248	831317	314	2645942	825433	312	**5884**	**0.71**
(a) Subsistence Fisheries	2317175	673550	291	2317175	671909	290	**1641**	**0.24**
(b) Fry Released Program	77356	39126	506	77050	38454	499	**672**	**1.75**
(c) Haor	251717	118641	471	251717	115070	457	**3571**	**3.10**
B. Inland Close Water (Culture)	**845399**	**2731070**	**3231**	**843729**	**2638745**	**3127**	**92325**	**3.50**
6. Pond	410683	2166715	5276	407625	2090787	5129	**75928**	**3.63**
7. Seasonal Cultured Waterbody	149004	231692	1555	150492	226608	1506	**5084**	**2.24**
(a) Paddy Field/ Floodplain	133996	204810	1528	135570	200359	1478	**4451**	**2.22**
(b) Borrow Pit	15008	26882	1791	14922	26249	1759	**633**	**2.41**
8. Baor	5671	11685	2060	5671	11319	1996	**366**	**3.23**
9. Shrimp/Prawn Farm	262980	287497	1093	263025	278417	1059	**9080**	**3.26**
(a) Shrimp/Prawn Production	-	137021	521	-	131509	500	**5512**	**4.19**
(b) Fish Production	-	150476	-	-	146908	-	**3568**	**2.43**
10. Crab Production	9353	13397	1432	9602	12337	1285	**1060**	**8.59**
11. Pen Culture	7708	15063	1954	7314	14282	1953	**781**	**5.47**
12. Cage Culture	1.75 lakh cum	5021	29 kg/cum	1.79 lakh cum	4995	28 kg/cum	**26**	**0.52**
Total Inland Fisheries	**4706171**	**4052701**	861	**4704195**	**3939989**	838	**112712**	**2.86**
C. Marine Fisheries	-	**706030**	-	-	**681239**	-	**24791**	**3.64**
13. Industrial	-	137170	-	-	119121	-	**18049**	**15.15**
14. Artisanal	-	568860	-	-	562118	-	**6742**	**1.20**
Total Fish Production	-	**4758731**	-	-	**4621228**	-	**137503**	**2.98**
Production of Selected Species								
Hilsa Production (MT)	-	**566593**	-	-	**565183**	-	**1410**	**0.25**
(a) River	-	244035	-	-	250847	-	**-6812**	**-2.72**
(b) Sundarbans	-	687	-	-	743	-	**-56**	**-7.54**
(c) Marine	-	321871	-	-	313593	-	**8278**	**2.64**
Shrimp/Prawn Production (MT)	-	**261154**	-	-	**251964**	-	**9190**	**3.65**
(a) Shrimp/Prawn Farm	-	137021	-	-	131509	-	**5512**	**4.19**
(b) Other Sources	-	76527	-	-	74158	-	**2369**	**3.19**
(c) Marine	-	47606	-	-	46297	-	**1309**	**2.83**

* ***Cage culture volume is 1.75 lakh cubic meter assuming average one-meter depth over 17.49 ha water area. This area is included within River and Estuary area.***

EXECUTIVE SUMMARY

Bangladesh, the fortunate in having potential water resources, is one of the world's leading fish producing countries with a total production of 47.59 lakh MT in FY 2021-22, where aquaculture accounts for 57.39 percent of the total fish production. The country has exceeded the projected production target of 46.64 lakh MT of fish by 2021-22 in conformity with the targets of ***Vision-2021*** of the present government. Now, Bangladesh has become self-sufficient fish producing country that supplements about 60% (with per capita of 62.58 g/day against targeted 60 g/day) of total daily animal protein intake of her people. Bangladesh earns a considerable volume of foreign currencies by exporting fish, shrimps and other fishery products that contribute 1.05% of the total national export earnings (EPB 2022). In 2021-22, the country earns BDT 5191.75 crore by exporting almost 74.04 thousand MT of fish and fishery products despite the financial crisis situation around the world as a result of the effective initiatives taken by the current government.

According to FAO report ***The State of World Fisheries and Aquaculture 2022***, Bangladesh ranked 3rd in inland open water capture production and 5th in world aquaculture production. Bangladesh positioned 4th in tilapia production in the world and 3rd in Asia. Bangladesh ranked 1st among 11 hilsa producing countries in the world. The national fish hilsa (*Tenualosa ilisha)* as a single species has been making the highest contribution (11.91 percent) to the country's total fish production. **Geographical Indication Registration Certificate** has also been achieved for our national fish hilsa named as '**Bangladesh Ilish**' and also for tiger shrimp named as '**Bangladesh Tiger Shrimp**'.

The GDP growth in the fisheries sector is 2.08 percent and the contribution of the fisheries sector in the overall agriculture sector is 21.83 percent in FY 2021-22 (BER 2022). More than 12% of population are directly or indirectly engaged in various activities under fisheries sector for their livelihood. Department of Fisheries received prestigious **Bangabandhu National Agriculture Award-1423**, the highest state recognition in agriculture sector for its outstanding performance during the recent past years.

Over the last three decades, the total fish production of Bangladesh has been increased more than six times (7.54 lakh MT in 1983-84 to 47.59 lakh MT in 2021-22). The country's vast fisheries resources are broadly divided into three sub-groups, i.e, inland culture, inland capture and marine capture. Inland culture fishery includes mainly pond/ditch, ox-bow lake (baor), shrimp/prawn farm, seasonal cultured waterbody, pen and cage culture, etc. covering an area of about 8.45 lakh hectors and produces 27.31 lakh MT accounting for about 57.39 percent of the total fish production in 2021-22. The aquaculture production of 10.63 lakh MT in 2008-09 has been more than doubled to 27.31 lakh MT in 2021-22 showing consistent growth performance.

Inland aquaculture of indigenous and exotic carp species as well as pangas, tilapia and koi has been expanded massively and farming of valuable, nutrient-rich indigenous species like koi, shingi, magur, pabda, gulsha, mola etc. draws special attention among the farmers as well. Such great aquaculture contribution is achieved for the adoption of improved farming practices by the farmers supported with required extension services. In addition, new farming technology like pen culture, cage culture, new species, intensification of pond farming in particular, helped experience fast growth in aquaculture and country's favorable climatic conditions and future endeavor will help aquaculture grow further both at vertical and horizontal dimensions.

But the rapid development of shrimp and fish hatchery and nursery mostly owned by the private entrepreneurs has helped for the promotion and quick expansion of aquaculture during the recent past decades in the country which also created some seed quality problem as well. Reasons for carp seed quality deterioration included inbreeding, negative selection, non-availability of quality brood and improper brood management practices and in case of shrimp, non-availability of virus-free mother shrimp and overall non-compliances in hatchery operation protocol. To address these current challenges of seed quality crucial for inland culture fishery, several special programs like establishment of major carp brood bank, supply of imported Chinese carp brood of natural origin, promotion of Specific Pathogen Free (SPF) shrimp hatchery with policy support, enforcement of fish hatchery regulations, monitoring and capacity building of govt. and private hatchery operators and extension workers etc. are being undertaken by the government.

Inland capture fishery comprising rivers and estuaries, Sundarbans water resource in the forest, beels, Kaptai Lake, and floodplain is very rich in biodiversity with almost 260 freshwater fish species that have historically dominated the fish production of Bangladesh. But the share of inland capture fisheries to total fish production has been gradually reduced to the lowest level from 62.59% in 1983-84 to 27.78% in 2021-22 due to over exploitation, degradation and loss of fish habitats, siltation of waterbodies and water pollution from industry and agro-chemicals. Despite gradual declination of open water fish habitat, the implementation of governments several need-based special programs has impacted to minimize the declination of fish production.

For addressing the current challenges of inland capture fishery, several special programs are being implemented in the recent past intended to increase the productivity. The programs include introduction of biological management of open water, community based fisheries management, establishment of beel nurseries, stocking of fingerlings including endangered species, restoration of fish habitats to facilitate breeding and migration, establishment and maintenance of sanctuaries for the conservation of biodiversity, expansion of cage and pen farming in feasible water areas, introduction of coordinated management approach, issuing of fishers identity card, well access to fishers right, enforcement of fish conservation acts and 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 in some cases, 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. During the recent past year, around 400 fish sanctuaries along with six hilsa sanctuaries have been established in the selected river system for the conservation and development of hilsa fishery in the country. Due to eco-friendly initiative, open water capture fishery demonstrated a substantial increase in fish production as well as abundance of endangered species, which ultimately enhanced the aquatic biodiversity.

The national fish hilsa is the biggest single-species fishery, with landings accounting for about 11.91% of annual fish production by volume in 2021-22. Hilsa production once abundant in1970's gradually declined in many rivers system in 1990's. This declined river catch has been attributed to a combination of factors such as the closure of migratory routes, river siltation, overfishing, indiscriminate catching of brood stocks and juveniles use of monofilament small meshed nets (current jal), mechanization of fishing, and increasing numbers of fishers, industrial pollution, and climate variability. To achieve the increased target of hilsa production, government has undertaken several protection and conservation measures to protect jatka and hilsa brood. The Hilsa Fisheries Management Action Plan (HFMAP) is also being implemented through mass awareness campaign, rallies, meetings, enforcing conservation acts, establishing hilsa sanctuaries, seasonal fishing ban, distribution of rice among the poor fishers, offering alternative livelihoods of fishermen as cash incentives. As a result, in recent years, total hilsa national catches have been increased and since 2002-03, hilsa catch of 1.99 lakh MT has been increased to 5.67 lakh MT in FY 2021-22.

Coastal aquaculture comprised of both shrimp/prawn and finfish and shrimp farming in ghers (ponds/enclosures) has been expanding in coastal belt. Presently farmers, complying Good Aquaculture Practices (GAP), are becoming more interested to adopt eco-friendly shrimp farming system and also cluster shrimp farming approach. As shrimp is one of the major export items, government of Bangladesh has taken up different programs to increase shrimp production through dissemination of appropriate technology and to promote business-friendly supply chain with special care for hygiene and safety of fish and fishery product to be marketed both in domestic and export market. Emphasis was also given to maintain quality standards in all stages of fish and shrimp production, processing and export with strong monitoring by the Competent Authority (CA). With the govt. intervention, total shrimp and prawn production including capture has been increased from 1.00 lakh MT in 2002-03 to 2.61 lakh MT in 2021-22.

Bangladesh having sovereign rights over almost 118,813 sq. kms in the Bay of Bengal possesses vast marine water resources rich in biodiversity. Marine fishing sector provides only about 14.83% of marine production 7.06 lakh MT in 2021-22. In marine fishing involves over 231 industrial trawlers and more than 67900 artisanal vessels. Artisanal small-scale fishery contributes 80.57%; i.e, 5.69 lakh MT and large industrial fishery contributes 19.43%; i.e. 1.37 lakh MT of total marine production. Over the three decades, since 1983–84, the total marine catch of 1.65 lakh MT has been increased to 7.06 lakh MT in FY 2021-22. The government has given much priority for the sustainable management of marine fisheries resources and undertaken various measures like strengthening monitoring, controlling and surveillance (MCS), catch monitoring, declaration of the St. Martin Island and the Sundarbans mangrove forest as sanctuary, and declaration and surveillance of 698 sq. km marine reserve and marine protected area (MPA) of 1738 sq. kms in the Bay of Bengal and to protect and conserve 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 the Department of Fisheries (DoF) to handle administrative, management and technological issues efficiently by the deployed staffs with enhanced capabilities. DoF following Human Resource Development Sub-strategy, developed as per National Fisheries Policy 1998 used to organize both in-country and overseas training for the officers to enable them for the transfer/dissemination of technologies, enforcement of fisheries regulations and also act as trainer. For this purpose, regular training programs are being conducted with support from both revenue and development budget of DoF for the skill development of concerned personnel including DoF officials/staff, extension workers, entrepreneurs, fishers, fish farmers, unemployed youths, left behind peoples of hilly, haor, and char areas distressed women, landless and marginal farmers, etc.

The National Fisheries Policy 1998, a key policy document, includes number of acts and rules related to conservation of inland and marine fisheries to be enforced by DoF which will help support to achieve the SDG targets set by the Ministry of Fisheries and Livestock (MoFL). The different agencies including DoF under the MoFL have been implementing various socio-eco-friendly interventions aligning with its mandate for achieving SDG targets. MoFL, in consultation with the stakeholders, has already developed ***SDG Action Plan and Monitoring Framework*** through National Mid-Term and Long-Term Development Plans. MoFL has also taken necessary initiatives to review the progress of the planned interventions, which eventually contributes to achieve the specific SDG targets. 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 in 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 very holistic manner.

Bangladesh fisheries have ample scope of development to strengthen the national economy. To realize the potential, concerned government departments, development partners, researchers and non-governmental organizations can play important role in the wide-ranging advancement of the fisheries sector. For the overall development and management of fisheries sector, DoF has been 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 has been 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

Fish, the second most valuable agricultural crop in Bangladesh, plays a crucial role in the livelihoods and employment of millions of people. The culture and consumption of fish therefore has important implications for national income and food security. Bangladeshi people are popularly referred to as "Machhe Bhate Bangali" or "Fish and Rice makes a Bengali".

Fisheries in Bangladesh has both prospects and challenges. Fisheries sector being one of the most productive and dynamic sectors, has been playing an increasingly significant role in the economy for the last few decades. Bangladesh has achieved remarkable progress in the fisheries sector since her independence in 1971. This sector is contributing a very vital role in the socio-economic development and deserves potential for future development in the agrarian economy of Bangladesh. The GDP growth in the fisheries sector is 2.08 percent and the contribution of the fisheries sector in the overall agriculture sector is 21.83 percent in FY 2021-22 (BER 2022) as well as 1.05% to national export earnings. This sector supplies major share (60%) of all consumed animal protein.

Bangladesh is blessed with vast and rich fisheries resources. The enriched and diversified fisheries resources of the country are broadly divided into two groups as Inland and Marine fisheries. Inland fisheries is again divided into two sub-groups as Inland Capture and Inland Culture fisheries. Inland Capture fisheries comprise with river and estuaries, beels, floodplain, Sundarbans and Kaptai Lake. 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.

Department of Fisheries received prestigious **Bangabandhu National Agriculture Award 1423,** the highest state recognition in agriculture sector for its outstanding performance during the recent past years. These achievements have been possible through implementation of the government fisheries policies and regulations as well as activities implemented by the government for development of fisheries resources.

Yearbook of Fisheries Statistics of Bangladesh 2021-22 is designed to provide statistical information on various fisheries resources and their contribution in fisheries production in Bangladesh. It represents the brief collection and compilation of statistics on fish production of different fisheries resources prepared by the concerned office under the Department of Fisheries. Department of Fisheries conducts catch assessment survey for Inland (capture and culture) and Marine fisheries on regular basis.

Department of Fisheries has been regularly producing the yearbook of fisheries statistics as a regular publication since 1983-84. This is the 39th annual publication comprising updated fisheries statistical information on different sources of fisheries production in Bangladesh. This yearbook represents country's detailed yearly fisheries production data collated systematically during the year of 2021-22. Considering the importance and significance, DoF has been trying to deliver the up-to-date information on different areas of fisheries production. Moreover, crab production has been incorporated since FY 2015-16 and cuchia production has also been added in FY 2019-20.

The data accumulated in this publication have been collected following well designed methodology such as field survey, fish landing records, data from DoF field offices, reports of different projects of DoF and statistical reports of other concerned departments. Regular supervision and monitoring have been done to present reliable and accurate data reducing occurrence of error. The valuable feedback from the concerned agencies and persons has been taken into account during the processing of data. The information is presented in this publication in the simplest form after necessary analysis, search and scrutiny. The production of fish and shellfish from different waterbodies or fisheries resources has been presented at national, divisional and district wise. The comparison of fish production of different years from various resources and year-wise annual export data has also been added.

Bangladesh fisheries have great potential to flourish further to contribute to the economic growth of the nation. Timely, reliable and trustworthy fisheries data and statistics are crucial to monitor progress or performance of any program and also to take up better developmental plan. This edition of fishery statistical yearbook is published with the objective of providing necessary and precise fisheries data facilitating need-based fisheries planning and development to be taken up by the concerned stakeholders.

Objectives of the Yearbook

The objectives of the Yearbook are as follows:

- 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 different key stakeholders in the fisheries sector;
- To use production information for national, regional and global fisheries development and management planning; and
- To provide fisheries production information to facilitate resource-based fisheries planning by the related different stakeholders.

Scope

- Proper fisheries planning and facilitating project for fisheries development.
- Sharing and dissemination fisheries information /data.
- Preparation of action plan to be taken and in use.
- Fisheries development and enlargement strategy.
- Fisheries research programmes planning.

Limitation

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

CHAPTER 2

Methodology, Concepts and Definitions (Fisheries Catch Assessment of Survey System)

Introduction

Bangladesh endowed with vast potential water resources, is one of the world leading fish producing countries. This sector is contributing significantly in food security through providing safe and quality animal protein. The GDP growth in the fisheries sector is 2.08 percent and the contribution of the fisheries sector in the overall agriculture sector is 21.83 percent in FY 2021-22 (BER 2022) as well as 1.05% to total country export earnings. Fish supplements to about 60% of our daily animal protein intake. More than 12 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.

The Yearbook of Fisheries Statistics of Bangladesh is designed to provide statistical information on diversified fisheries resources and contribution in fisheries production in Bangladesh. Fisheries Resources Survey System (FRSS) of Department of Fisheries is conducting catch assessment survey for Inland (Capture & Culture) and Marine fisheries since 1983-84 with assistance of field level officers. This yearbook is very useful for national, regional and global fisheries development and management planning.

Sources of data collection

The sources of data collection are based on mainly 3 sectors viz; (A) Inland Fisheries (Capture), (B) Inland Fisheries (Culture) and (C) Marine Fisheries which consist of 14 sub-sectors as described in the following table. Fisheries Survey Officers and other field officers of DoF are responsible for data collection.

Sector of Fisheries	Definition
Inland Fisheries	Inland fisheries are "any activity conducted to extract fish and other aquatic organisms from inland waters". Small-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)	Capture fisheries in Inland open water refers to the harvesting of fish stocks occurring naturally in inland open water body which includes river and estuary, beels, floodplains including haor, Kaptai lake, Sundarbans along with subsistence fishing.
1. River & Estuary	Fisheries in rivers and estuarine waters. River refers to 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, estuary is a natural stream of water across the land flowing towards in the sea. It refers to the widening channel of a river, where it nears the sea with a mixing of fresh water and salt water.
2. Beels	Beel is an open water (capture) fisheries; Beel is defined as lake-like wetland with relatively large surface, static water body as opposed to moving water in rivers, canals-typically called khals. 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.

Sector of Fisheries	Definition
3. Floodplain (Including Haor)	Fisheries in flood lands, including small canals around paddy fields; Floodplains are relatively low-lying flat land area, bordering rivers and seasonally over flooded by overspill from the main river channel. It is inundated for 3-4 months in the rainy season and partly dried during the dry season. A haor is a marshy wetland ecosystem which physically a bowl or saucer shaped. The haors remain flooded for about 7 to 8 months. During the rainy season, the haors look just like vast inland sea.
4. Kaptai Lake	Fisheries in Kaptai Lake only; It is an artificial manmade creek shaped lake located in the Kaptai Upazila under Rangamati District.
5. The Sundarbans	Fisheries in The Sundarbans only; Sundarbans, the largest single block of tidal halophytic mangrove forest in the world, comprises with flowing rivers and a mangrove area separated by interconnected tidal rivers, creeks and canals. It is the unique habitat that serves as the nursery and breeding grounds for several commercially important species of aquatic fauna like fish, shrimps and prawns etc.
6. Subsistence Fishing	Non-commercial fishing in inland waters; It is fishing or catching fish only for own house-hold consumption not for sale.
B. Inland Closed Water (Culture)	The area of inland water closed from the other waters. The farming of fish in freshwaters/estuarine water.
7. Ponds	Fisheries in ponds and tanks; Manmade closed water body with permanent embankment or boundary. It is relatively a small water body of still water. Ponds may be perennial or seasonal based on water retention capacity.
8. Seasonal Cultured Waterbody (SCW)	Fisheries in seasonal waterbody; Seasonally flooded area with temporary boundary to capture fish.
9. Baors	Fisheries in baors; Baor is mainly dead river creating a free-standing body of water for fish culture. Baor, the horseshoe shaped oxbow lake was created by the meandering rivers changed their courses, part of the old course got silted up and cut-off from the mainstream channel by depressing and filled with water. A baor apparently looks like a lake, but unlike lakes, it remains connected with original river through channels during monsoon.
10. Shrimp Culture/ Prawn Farm	Shrimp culture in estuarine waters and prawn culture in fresh water; The waterbody is closed with boundary for shrimp/prawn culture.
11. Pen Culture	Pen culture, an enclosure type fish culture, is defined as raising of fish in a volume of water enclosed on all sides except bottom, permitting the free circulation of water at least from one side. In a fish pen, the bottom of the river, beel or any other water body forms the bottom of the pen. Pens are constructed by nylon or polyethylene mesh nets with traditional bamboo fences. By strict definition, a cage and a net pen differ based on their construction.
12. Cage Culture	Cage culture is an intensive method of aquaculture in which fish is reared in cages placed in waterbody with sufficient water movement. It is blocked with nets, framed on all sides with bamboo or steel and floats in water along with anchored to the lake/river bottom. A cage is totally enclosed on all side, but the top side by mesh or netting. Fixed cages are used in shallow waters and fixed at appropriate height from muddy bottoms.

Sector of Fisheries	Definition
C. Marine Fisheries	Fisheries out of the sea coastline.
13. Industrial Fisheries (Trawling)	Fisheries using larger boats such as trawlers in marine waters fish beyond 40-meter water depth. Trawling is a method ofthat involves pulling fishing net through the waters. Commercial fishing vessel having the high level of technology and investment designed to operate fishing trawlers for carrying out fishing on a large scale.
14. Artisanal Fisheries	Fisheries using relatively smaller boats. Artisanal fishing occurs in shallow water normally within 40-meter water depth using mechanical or non-mechanical boats. It refers to small-scale, low technology and low capital fishing practices undertaking by individual fishing households. 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.
a. Mechanized	Fisheries involved fishing operation by using mechanized boats.
b. Non-mechanized	Fisheries involved fishing operation by using non-mechanized boats.

Besides, data are also collected for:

- Hatchling/spawn production in the government and private hatchery
- Carp spawn/fertilized eggs collection from natural resources
- Annual export of fish and fishery products
- Dry fish production of Inland and Marine fisheries

Bangladesh Fisheries Development Corporation (BFDC) and Bangladesh Forest Department (BFD) 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 accumulation, processing analysis for the annual fish production report as **Yearbook of Fisheries Statistics of Bangladesh**.

Methodology of Data Collection

- A catch assessment survey is designed to collect catch data of the different sectors of fisheries to estimate yearly total fish production for statistical purposes in Bangladesh.
- Each of the catch assessment survey 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) based on 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 from pond, river, subsistence etc.

Recording of Catches: Observation of fishing activities and interview with the relevant stakeholders.

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 (at district & divisional level) 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

	Source wise	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 Cultured Waterbody (SCW)	--	SCW-1	SCW-2
8.	Pen & Cage	PC-1	PC-2	PC-2
9.	Kaptai Lake	BFDC	--	--
10.	Sundarbans	BFD	--	--
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 disaggregation dimensions:

- 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) /Assistant Fisheries Officer (AFO)/Field Assistant (FA)	Upazila Level	District Fisheries Officer
Fisheries Survey Officer (FSO)	District level	District Fisheries Officer
Scientific Officer (SO)	Division level	Coordination & Supervision by Deputy Director
For all	Upazila/District/Division	Deputy Director & Headquarter Staff (FRSS)
Marine Wing	Marine Fisheries	Director (Marine)
Shrimp Wing	Shrimp Cell	Deputy Director (Shrimp)
BFDC Staff	Kaptai Lake Fishery	BFDC
Bangladesh Forest Department (BFD)	Sundarbans Fishery	BFD
Data Input & Processing	Headquarter Staff	Principal Scientific Officer (Overall Supervision of Field & Headquarter)

Sampling Method

Riverine Fisheries

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

Sample Selection

Sample Stage	Sample Unit
Primary sampling	Fishing village
Secondary sampling	Day
Tertiary sampling	Fishing unit

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

Recording of catches

Two sample days in each month.

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

Note: Sample villages are fixed for several years.

Selection of sample villages

i) For each PrincipalRiver, two largest villages and one medium sized village in terms of the number of fishing boats are selected as representatives.

ii) For the other rivers, two largest villages and one medium sized village are selected from all the rivers. Selection of representative village in terms of locations and types of gear used and 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 × Raising Factor

Where, 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 × District Raising Factor × Days of the Month)/1000 (MT)

Where, District Raising Factor $= \frac{\text{District Total Boat of the River}}{\text{Total Boat of Sample Villages}}$

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	<1.5 MT/Ha
Semi-intensive	1.5- 4.0 MT/Ha
Intensive	>4.0 -10 MT/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 programs and projects of Department of Fisheries. 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/beelnursury, 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, and 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 monthduring the fishing period of beel.
- He has to collect data on the visiting day and also the previous day (Format Beel- 2).
- Sample unit of fishing has to be selected for each type of gear.
- Estimate average production of two days.
- Gear wise total production has to 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 based on 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 Total Annual Fish Production from Beel

- 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).

Table 3.4. District-wise Annual Fish Production of Inland Waterbodies in 2021-22

[Unit: Metric Ton]

District	River	Sundar-bans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal Cultured Waterbody	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	**Total**
Dhaka	1159	0	842	0	6239	8618	3541	0	5	2049	4	**22457**
Faridpur	2118	0	606	0	9306	21394	6312	812	14	1171	15	**41748**
Gazipur	519	0	1804	0	17305	27653	8361	0	5	910	11	**56568**
Gopalganj	691	0	888	0	8739	17539	3262	814	2251	4141	13	**38338**
Kishoreganj	2466	0	7122	0	46642	27083	1058	0	2	936	4	**85313**
Madaripur	1492	0	323	0	8679	13479	210	1464	73	1395	181	**27296**
Manikganj	2883	0	700	0	11214	13670	3031	0	7	518	0	**32023**
Munshiganj	3376	0	287	0	11917	9946	4302	0	4	201	0	**30033**
Narayanganj	1817	0	166	0	1702	10529	3383	0	1	1062	0	**18660**
Narsingdi	2707	0	1306	0	13161	24997	833	0	2	100	939	**44045**
Rajbari	2989	0	307	0	6555	15844	2715	33	4	0	6	**28453**
Shariatpur	5727	0	47	0	5682	14579	732	0	39	4	0	**26810**
Tangail	1355	0	2401	0	11900	41802	2440	0	5	9	0	**59912**
Dhaka Division	**29299**	**0**	**16799**	**0**	**159041**	**247133**	**40180**	**3123**	**2412**	**12496**	**1173**	**511656**
Jamalpur	2991	0	3306	0	10088	19877	1517	0	2	0	19	**37800**
Mymensingh	1323	0	6585	0	11453	313213	1258	0	3	20	21	**333876**
Netrakona	1496	0	6906	0	37567	42159	3275	0	0	90	0	**91493**
Sherpur	971	0	2581	0	2606	23862	1028	0	0	0	0	**31048**
Mymensingh Division	**6781**	**0**	**19378**	**0**	**61714**	**399111**	**7078**	**0**	**5**	**110**	**40**	**494217**
Bagerhat	5335	22295	32	0	5190	17943	1878	18	76090	206	3	**128990**
Chuadanga	359	0	1115	0	1354	11755	1414	1650	0	0	0	**17647**
Jashore	974	0	1765	0	36410	135789	25302	3834	31591	0	0	**235665**
Jhenaidah	354	0	1081	0	6483	27684	4292	2150	0	0	0	**42044**
Khulna	3725	1223	244	0	21121	18611	1085	0	70935	0	2	**116946**
Kushtia	1301	0	586	0	3945	24601	3900	210	0	0	0	**34543**
Magura	1170	0	158	0	2962	11344	67	248	46	0	0	**15995**
Meherpur	292	0	396	0	903	7450	214	254	0	0	18	**9527**
Narail	970	0	566	0	3373	5127	630	0	4598	0	0	**15264**
Satkhira	1355	741	34	0	14164	42490	1954	198	78668	0	0	**139604**
Khulna Division	**15835**	**24259**	**5977**	**0**	**95905**	**302794**	**40736**	**8562**	**261928**	**206**	**23**	**756225**
Barguna	6378	0	0	0	3692	8096	649	0	625	18	86	**19544**
Barishal	41562	0	37	0	9476	39291	8022	0	3023	0	60	**101471**
Bhola	94252	0	0	0	5351	39067	434	0	134	0	155	**139393**
Jhalokati	2049	0	15	0	4777	4967	582	0	178	120	10	**12698**
Patuakhali	31416	0	0	0	10632	26780	244	0	3316	5	0	**72393**
Pirojpur	3623	0	12	0	4163	9793	1076	0	2526	0	28	**21221**
Barishal Division	**179280**	**0**	**64**	**0**	**38091**	**127994**	**11007**	**0**	**9802**	**143**	**339**	**366720**

Cont'd....

[Unit: Metric Ton]

District	River	Sundar bans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal Cultured Waterbody	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	**Total**
Dinajpur	298	0	564	0	6138	52132	2152	0	10	0	0	**61294**
Gaibandha	2170	0	582	0	6400	26818	1303	0	8	334	6	**37621**
Kurigram	4075	0	1711	0	11545	22136	5167	0	4	355	86	**45079**
Lalmonirhat	211	0	591	0	1856	14925	4761	0	3	119	6	**22472**
Nilphamari	205	0	517	0	3786	21269	1404	0	5	30	5	**27221**
Panchagarh	127	0	58	0	3020	14349	138	0	2	65	0	**17759**
Rangpur	166	0	1902	0	8519	32476	4562	0	21	45	0	**47691**
Thakurgaon	119	0	215	0	4078	26975	470	0	2	12	0	**31871**
Rangpur Division	**7371**	**0**	**6140**	**0**	**45342**	**211080**	**19957**	**0**	**55**	**960**	**103**	**291008**
Bogura	930	0	2656	0	4994	92277	726	0	9	62	10	**101664**
Chapai Nawabganj	1938	0	3092	0	1556	13971	263	0	0	8	33	**20861**
Joypurhat	197	0	276	0	164	24050	606	0	23	0	4	**25320**
Naogaon	1322	0	5375	0	15938	61117	697	0	9	0	0	**84458**
Natore	881	0	1090	0	16533	52389	256	0	6	15	4	**71174**
Pabna	4335	0	2761	0	11442	49686	3244	0	5	7	311	**71791**
Rajshahi	2499	0	4241	0	6616	67492	6409	0	19	0	0	**87276**
Sirajganj	4619	0	811	0	34342	28716	1152	0	7	21	1401	**71069**
Rajshahi Division	**16721**	**0**	**20302**	**0**	**91585**	**389698**	**13353**	**0**	**78**	**113**	**1763**	**533613**
Bandarban	154	0	0	0	168	1578	368	0	0	0	0	**2268**
Brahmanbaria	2029	0	509	0	21363	37519	1732	0	0	619	129	**63900**
Chandpur	36456	0	304	0	24919	39313	2812	0	188	221	1020	**105233**
Chattogram	6941	0	55	0	744	69208	3645	0	1555	0	0	**82148**
Cumilla	1058	0	340	0	75012	144794	82028	0	154	84	243	**303713**
Cox's Bazar	2419	0	0	0	1362	5064	163	0	24035	0	0	**33043**
Feni	1368	0	0	0	7206	26793	425	0	72	7	5	**35876**
Khagrachhari	182	0	40	0	0	3130	405	0	0	0	0	**3757**
Lakshmipur	22641	0	0	0	10751	33190	858	0	173	0	74	**67687**
Noakhali	10437	0	0	0	28694	51657	1139	0	416	0	0	**92343**
Rangamati	238	0	0	17937	4	1389	563	0	0	74	109	**20314**
Chattogram Division	**83923**	**0**	**1248**	**17937**	**170223**	**413635**	**94138**	**0**	**26593**	**1005**	**1580**	**810282**
Habiganj	1050	0	2682	0	29441	19496	1215	0	19	0	0	**53903**
Moulvibazar	495	0	3010	0	25127	23596	804	0	2	0	0	**53034**
Sunamganj	896	0	24502	0	71297	11112	1692	0	0	18	0	**109517**
Sylhet	894	0	5471	0	43551	21066	1532	0	0	12	0	**72526**
Sylhet Division	**3335**	**0**	**35665**	**0**	**169416**	**75270**	**5243**	**0**	21	**30**	**0**	**288980**
TOTAL	**342545**	**24259**	**105573**	**17937**	**831317**	**2166715**	**231692**	**11685**	**300894**	**15063**	**5021**	**4052701**
%	8.45	0.60	2.61	0.44	20.51	53.46	5.72	0.29	7.42	0.37	0.12	100

Note: Shrimp Farm production included Crab production.

Table 3.5. District-wise Annual Fish Catch of All Rivers in 2021-22

[Unit: Metric Ton]

District	Principal River						Principal River Total (A)	Other River Total (B)	Grand Total (A+B)
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma putra			
Dhaka	0	0	683	0	0	0	683	476	**1159**
Faridpur	0	0	1523	0	0	0	1523	595	**2118**
Gazipur	0	0	0	0	0	0	0	519	**519**
Gopalganj	0	0	0	0	0	0	0	691	**691**
Kishoreganj	0	1019	0	0	0	0	1019	1447	**2466**
Madaripur	0	0	1203	0	0	0	1203	289	**1492**
Manikganj	0	0	1887	0	620	0	2507	376	**2883**
Munshiganj	0	1343	1602	0	0	0	2945	431	**3376**
Narayanganj	0	1368	0	0	0	0	1368	449	**1817**
Narsingdi	0	2195	0	0	0	0	2195	512	**2707**
Rajbari	0	0	1263	1081	0	0	2344	645	**2989**
Shariatpur	2017	0	3293	0	0	0	5310	417	**5727**
Tangail	0	0	0	0	1043	0	1043	312	**1355**
Dhaka Division	**2017**	**5925**	**11454**	**1081**	**1663**	**0**	**22140**	**7159**	**29299**
Jamalpur	0	0	0	0	475	2263	2738	253	**2991**
Mymensingh	0	0	0	0	0	0	0	1323	**1323**
Netrakona	0	0	0	0	0	0	0	1496	**1496**
Sherpur	0	0	0	0	0	0	0	971	**971**
Mymensingh Division	**0**	**0**	**0**	**0**	**475**	**2263**	**2738**	**4043**	**6781**
Bagerhat	0	0	0	0	0	0	0	5335	**5335**
Chuadanga	0	0	0	0	0	0	0	359	**359**
Jashore	0	0	0	0	0	0	0	974	**974**
Jhenaidah	0	0	0	0	0	0	0	354	**354**
Khulna	0	0	0	0	0	0	0	3725	**3725**
Kushtia	0	0	0	211	0	0	211	1090	**1301**
Magura	0	0	0	0	0	0	0	1170	**1170**
Meherpur	0	0	0	0	0	0	0	292	**292**
Narail	0	0	0	0	0	0	0	970	**970**
Satkhira	0	0	0	0	0	0	0	1355	**1355**
Khulna Division	**0**	**0**	**0**	**211**	**0**	**0**	**211**	**15624**	**15835**
Barguna	0	0	0	0	0	0	0	6378	**6378**
Barishal	36491	0	0	0	0	0	36491	5071	**41562**
Bhola	89888	0	0	0	0	0	89888	4364	**94252**
Jhalokati	0	0	0	0	0	0	0	2049	**2049**
Patuakhali	0	0	0	0	0	0	0	31416	**31416**
Pirojpur	0	0	0	0	0	0	0	3623	**3623**
Barishal Division	**126379**	**0**	**0**	**0**	**0**	**0**	**126379**	**52901**	**179280**

Cont'd....

[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	298	**298**
Gaibandha	0	0	0	0	213	1416	1629	541	**2170**
Kurigram	0	0	0	0	0	3494	3494	581	**4075**
Lalmonirhat	0	0	0	0	0	0	0	211	**211**
Nilphamari	0	0	0	0	0	0	0	205	**205**
Panchagarh	0	0	0	0	0	0	0	127	**127**
Rangpur	0	0	0	0	0	0	0	166	**166**
Thakurgaon	0	0	0	0	0	0	0	119	**119**
Rangpur Division	**0**	**0**	**0**	**0**	**213**	**4910**	**5123**	**2248**	**7371**
Bogura	0	0	0	0	163	0	163	767	**930**
Chapai Nawabganj	0	0	0	1121	0	0	1121	817	**1938**
Joypurhat	0	0	0	0	0	0	0	197	**197**
Naogaon	0	0	0	0	0	0	0	1322	**1322**
Natore	0	0	0	508	0	0	508	373	**881**
Pabna	0	0	0	1955	982	0	2937	1398	**4335**
Rajshahi	0	0	0	1651	0	0	1651	848	**2499**
Sirajganj	0	0	0	0	2706	0	2706	1913	**4619**
Rajshahi Division	**0**	**0**	**0**	**5235**	**3851**	**0**	**9086**	**7635**	**16721**
Bandarban	0	0	0	0	0	0	0	154	**154**
Brahmanbaria	0	1315	0	0	0	0	1315	714	**2029**
Chandpur	32791	0	0	0	0	0	32791	3665	**36456**
Chattogram	0	0	0	0	0	0	0	6941	**6941**
Cumilla	0	439	0	0	0	0	439	619	**1058**
Cox's Bazar	0	0	0	0	0	0	0	2419	**2419**
Feni	0	0	0	0	0	0	0	1368	**1368**
Khagrachhari	0	0	0	0	0	0	0	182	**182**
Lakshmipur	22293	0	0	0	0	0	22293	348	**22641**
Noakhali	10313	0	0	0	0	0	10313	124	**10437**
Rangamati	0	0	0	0	0	0	0	238	**238**
Chattogram Division	**65397**	**1754**	**0**	**0**	**0**	**0**	**67151**	**16772**	**83923**
Habiganj	0	162	0	0	0	0	162	888	**1050**
Moulvibazar	0	0	0	0	0	0	0	495	**495**
Sunamganj	0	0	0	0	0	0	0	896	**896**
Sylhet	0	0	0	0	0	0	0	894	**894**
Sylhet Division	**0**	**162**	**0**	**0**	**0**	**0**	**162**	**3173**	**3335**
TOTAL	**193793**	**7841**	**11454**	**6527**	**6202**	**7173**	**232990**	**109555**	**342545**
%	56.57	2.29	3.34	1.91	1.81	2.09	68.02	31.98	**100**

Annual Growth Rate: 1.63%

Table 3.6. Species-wise Annual Fish Catch of All Rivers in 2021-22

[Unit: Metric Ton]

Sl. No.	Species	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma - Putra	Total Principal River	Other River	Total	%
1	Rui	347	287	248	230	147	210	**1469**	1943	**3412**	1.00
2	Catla	228	160	155	154	114	171	**982**	1162	**2144**	0.63
3	Mrigal	199	132	126	66	105	149	**777**	756	**1533**	0.45
4	Kalibaus	13	40	61	46	38	97	**295**	367	**662**	0.19
5	Bata	2045	88	0	0	12	0	**2145**	290	**2435**	0.71
6	Ghania	0	18	0	0	0	0	**18**	17	**35**	0.01
7	Pangas	720	74	74	202	0	0	**1070**	199	**1269**	0.37
8	Boal/Ayre	653	242	349	217	258	441	**2160**	1314	**3474**	1.01
9	Shol/Gazar/Taki	0	0	0	0	0	0	**0**	835	**835**	0.24
10	Koi	0	0	0	0	0	0	**0**	104	**104**	0.03
11	Shingi/Magur	0	0	0	0	0	0	**0**	95	**95**	0.03
12	Sarpunti	37	27	172	0	0	0	**236**	18	**254**	0.07
13	Cuchia	0	0	0	0	0	0	**0**	2524	**2524**	0.74
14	Other Inland Fish	6565	5252	4079	4834	4505	4874	**30109**	34815	**64924**	18.95
15	Hilsa/Ilish	181457	1032	5836	547	573	312	**189757**	54278	**244035**	71.24
16	Galda	620	150	70	24	35	77	**976**	329	**1305**	0.38
17	Bagda	0	0	0	0	0	0	**0**	49	**49**	0.01
18	Harina	0	0	0	0	0	0	**0**	3098	**3098**	0.90
19	Chaka	0	0	0	0	0	0	**0**	19	**19**	0.01
20	Other small shrimp/prawn	909	339	284	207	415	842	**2996**	7343	**10339**	3.02
TOTAL		**193793**	**7841**	**11454**	**6527**	**6202**	**7173**	**232990**	**109555**	**342545**	***100***

- Total Production (Principal River): 232990 MT Hilsa Production (Principal River): 189757 MT
- Total Production (Other River): 109555 MT Hilsa Production (Other River): 54278 MT
- Annual Growth Rate: 1.63% (Hilsa: -2.72% and other species: 14.28%)

Table 3.7. Species-wise Annual Fish Catch of Principal River Meghna in 2021-22

[Unit: Metric Ton]

Sl. No.	Species	Lower Meghna							Upper Meghna								Total
		Noakhali	Bhola	Barishal	Lakshmipur	Shariatpur	Chandpur	Sub- Total	Munshiganj	Narayanganj	Cumilla	Narsingdi	Brahmanbaria	Kishoreganj	Habiganj	Sub- Total	
1	Rui	39	128	50	29	53	48	**347**	26	0	38	17	91	115	0	**287**	**634**
2	Catla	37	68	37	21	31	34	**228**	23	0	19	11	58	49	0	**160**	**388**
3	Mrigal	24	65	18	30	31	31	**199**	15	0	15	4	41	57	0	**132**	**331**
4	Kalibaus	0	0	0	0	13	0	**13**	9	0	8	0	10	13	0	**40**	**53**
5	Bata	337	185	213	1200	0	110	**2045**	0	0	13	0	27	48	0	**88**	**2133**
6	Ghania	0	0	0	0	0	0	**0**	0	0	4	0	14	0	0	**18**	**18**
7	Pangas	0	444	142	0	15	119	**720**	13	0	10	7	18	26	0	**74**	**794**
8	Boal/Ayre/Guizza Ayre	0	436	63	0	33	121	**653**	105	0	36	8	65	28	0	**242**	**895**
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	37	0	**37**	27	0	0	0	0	0	0	**27**	**64**
13	Cuchia	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
14	Other Inland Fish	455	2824	1193	952	209	932	**6565**	696	1247	172	1922	695	391	129	**5252**	**11817**
15	Hilsa/Ilish	9254	85060	34365	19884	1571	31323	**181457**	390	105	0	201	227	109	0	**1032**	**182489**
16	Galda	69	280	161	105	5	0	**620**	14	0	28	8	23	75	2	**150**	**770**
17	Bagda	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
18	Harina	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
19	Chaka	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
20	Other small shrimp/prawn	98	398	249	72	19	73	**909**	25	16	96	17	46	108	31	**339**	**1248**
TOTAL		**10313**	**89888**	**36491**	**22293**	**2017**	**32791**	**193793**	**1343**	**1368**	**439**	**2195**	**1315**	**1019**	**162**	**7841**	**201634**

Table 3.8. Species-wise Annual Fish Catch of Principal River Padma in 2021-22

[Unit: Metric Ton]

Sl. No.	Species	Lower Padma								Upper Padma							Total
		Shariatpur	Madaripur	Munshiganj	Dhaka	Manikganj	Faridpur	Rajbari	Sub- Total	Rajbari	Kushtia	Pabna	Natore	Rajshahi	Chapai Nawabganj	Sub- Total	
1	Rui	50	38	25	33	18	38	46	**248**	33	16	62	28	46	45	**230**	**478**
2	Catla	29	19	22	32	10	19	24	**155**	19	7	38	16	38	36	**154**	**309**
3	Mrigal	29	16	14	29	8	19	11	**126**	10	4	10	6	18	18	**66**	**192**
4	Kalibaus	12	11	9	11	6	7	5	**61**	6	3	16	6	8	7	**46**	**107**
5	Bata	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	**0**	**0**
6	Ghania	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	**0**	**0**
7	Pangas	14	13	12	12	0	10	13	**74**	1	7	37	31	82	44	**202**	**276**
8	Boal/Ayre/Guizza Ayre	31	54	99	35	63	51	16	**349**	14	11	55	18	58	61	**217**	**566**
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	35	38	26	37	0	14	22	**172**	0	0	0	0	0	0	**0**	**172**
13	Cuchia	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	**0**	**0**
14	Other Inland Fish	196	805	656	313	578	965	566	**4079**	651	139	1614	374	1222	834	**4834**	**8913**
15	Hilsa/Ilish	2874	187	698	94	1117	356	510	**5836**	301	8	78	13	129	18	**547**	**6383**
16	Galda	5	8	13	11	0	14	19	**70**	5	3	4	0	0	12	**24**	**94**
17	Bagda	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	**0**	**0**
18	Harina	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	**0**	**0**
19	Chaka	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	**0**	**0**
20	Other small shrimp/prawn	18	14	28	76	87	30	31	**284**	41	13	41	16	50	46	**207**	**491**
TOTAL		**3293**	**1203**	**1602**	**683**	**1887**	**1523**	**1263**	**11454**	**1081**	**211**	**1955**	**508**	**1651**	**1121**	**6527**	**17981**

Table 3.9. Species-wise Annual Fish Catch of Principal River Jamuna and Brahmaputra in 2021-22

[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	14	15	38	38	16	20	6	**147**	110	41	59	**210**	357	**1469**
2	Catla	8	9	24	44	7	16	6	**114**	84	39	48	**171**	285	**982**
3	Mrigal	6	6	24	44	6	15	4	**105**	80	30	39	**149**	254	**777**
4	Kalibaus	5	0	15	6	0	7	5	**38**	37	34	26	**97**	135	**295**
5	Bata	0	6	0	6	0	0	0	**12**	0	0	0	**0**	12	**2145**
6	Ghania	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	**18**
7	Pangas	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	**1070**
8	Boal/Ayre/Guizza Ayre	52	48	81	10	16	28	23	**258**	163	154	124	**441**	699	**2160**
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	**236**
13	Cuchia	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	**0**
14	Other Inland Fish	465	794	618	2200	69	240	119	**4505**	1376	811	2687	**4874**	9379	**30109**
15	Hilsa/Ilish	0	40	152	299	4	72	6	**573**	4	6	302	**312**	885	**189757**
16	Galda	0	5	10	0	7	8	5	**35**	44	33	0	**77**	112	**976**
17	Bagda	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	**0**
18	Harina	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	**0**
19	Chaka	0	0	0	0	0	0	0	**0**	0	0	0	**0**	0	**0**
20	Other small shrimp/prawn	70	59	81	59	38	69	39	**415**	365	268	209	**842**	1257	**2996**
TOTAL		**620**	**982**	**1043**	**2706**	**163**	**475**	**213**	**6202**	**2263**	**1416**	**3494**	**7173**	**13375**	**232990**

Table 3.10. Species-wise Annual Fish Catch of Other Rivers in 2021-22

[Unit: Metric Ton]

Sl. No.	Species	Dhaka	Faridpur	Gazipur	Gopalganj	Kishoreganj	Madaripur	Manikganj	Munshiganj	Narayanganj	Narsingdi	Rajbari	Shariatpur	Tangail	Jamalpur	Mymensingh	Netrakona	Sherpur	Sub-total
1	Rui	45	25	15	44	61	14	11	12	0	13	25	19	13	11	38	32	83	**461**
2	Catla	38	16	14	24	25	7	15	7	0	7	10	14	8	4	16	11	79	**295**
3	Mrigal	21	10	11	24	14	0	6	5	0	3	6	10	6	2	12	10	46	**186**
4	Kalibaus	17	9	9	12	0	0	3	4	0	0	8	8	3	0	92	23	35	**223**
5	Bata	0	0	10	0	0	0	3	0	0	0	0	0	0	0	0	0	0	**13**
6	Ghania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
7	Pangas	0	9	0	6	0	0	0	23	0	0	11	0	6	0	0	0	0	**55**
8	Boal/Ayre/Guizza Ayre	35	25	6	18	53	12	9	84	0	0	31	15	10	9	92	23	80	**502**
9	Shol/Gazar/Taki	30	0	11	41	11	0	5	0	0	0	5	6	0	2	11	10	58	**190**
10	Koi	7	0	0	21	0	0	5	0	0	0	0	0	0	0	0	0	17	**50**
11	Shingi/Magur	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	16	**21**
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
13	Cuchia	7	16	15	75	31	34	11	21	9	21	11	15	18	5	18	33	5	**345**
14	Other Inland Fish	133	424	308	286	1248	190	260	227	417	398	321	296	215	218	995	1329	242	**7507**
15	Hilsa/Ilish	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	**8**
16	Galda	10	9	0	9	0	0	6	14	0	13	13	7	8	0	7	0	32	**128**
17	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
18	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
19	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
20	Other small Shrimp/prawn	133	52	120	123	4	32	37	34	23	57	204	27	25	2	42	25	278	**1218**
TOTAL		**476**	**595**	**519**	**691**	**1447**	**289**	**376**	**431**	**449**	**512**	**645**	**417**	**312**	**253**	**1323**	**1496**	**971**	**11202**

Cont'd....

[Unit: Metric Ton]

Sl. No.	Species	Bagerhat	Chuadanga	Jashore	Jhenaidah	Khulna	Kushtia	Magura	Meherpur	Narail	Satkhira	Barguna	Barishal	Bhola	Jhalokati	Patuakhali	Pirojpur	Sub-total
1	Rui	0	17	28	6	0	52	86	3	51	0	0	0	0	0	0	0	**243**
2	Catla	0	17	14	5	0	33	73	2	14	0	0	0	0	0	0	0	**158**
3	Mrigal	0	0	7	0	0	0	9	1	43	0	0	0	0	0	0	0	**60**
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	59	0	0	0	0	0	0	0	**59**
6	Ghania	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/Ayre/Guizza Ayre	0	0	4	0	0	23	0	11	12	10	0	0	0	0	0	0	**60**
9	Shol/Gazar/Taki	11	25	73	24	33	19	0	29	35	74	0	0	0	0	0	0	**323**
10	Koi	0	0	0	6	0	7	0	0	0	0	8	0	0	0	0	0	**21**
11	Shingi/Magur	0	0	16	0	0	6	0	0	0	12	0	0	0	0	0	0	**34**
12	Sarpunti	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	**4**
13	Cuchia	27	3	4	3	21	12	3	1	1	41	138	161	666	33	147	29	**1290**
14	Other Inland Fish	1587	159	651	152	1159	501	791	96	370	203	2707	2284	607	792	1700	2123	**15882**
15	Hilsa/Ilish	836	0	0	0	973	0	0	0	4	0	3447	2510	3035	1075	29523	1441	**42844**
16	Galda	0	0	0	0	20	7	0	0	0	0	0	17	10	15	0	0	**69**
17	Bagda	0	0	0	0	20	0	0	0	0	0	0	9	0	0	20	0	**49**
18	Harina	1831	0	0	0	656	0	0	0	0	524	0	26	17	40	0	4	**3098**
19	Chaka	8	0	0	0	6	0	0	0	0	5	0	0	0	0	0	0	**19**
20	Other small shrimp/prawn	1035	138	177	158	837	430	208	149	377	486	78	64	29	94	26	26	**4312**
TOTAL		**5335**	**359**	**974**	**354**	**3725**	**1090**	**1170**	**292**	**970**	**1355**	**6378**	**5071**	**4364**	**2049**	**31416**	**3623**	**68525**

Cont'd....

[Unit: Metric Ton]

Sl. No.	Species	Dinajpur	Gaibandha	Kurigram	Lalmonirhat	Nilphamari	Panchagarh	Rangpur	Thakurgaon	Bogura	Chapai Nawabgani	Joypurhat	Naogaon	Natore	Pabna	Rajshahi	Sirajganj	Sub-total
1	Rui	0	52	14	11	6	0	12	0	51	83	42	113	93	121	68	102	**768**
2	Catla	0	43	6	9	5	0	11	0	51	60	30	67	67	70	42	68	**529**
3	Mrigal	0	19	15	6	3	0	5	0	40	61	11	46	25	70	31	35	**367**
4	Kalibaus	0	18	0	2	0	0	6	0	0	0	0	3	11	9	0	9	**58**
5	Bata	0	14	0	3	0	0	0	0	0	0	0	3	9	0	0	6	**35**
6	Ghania	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	3	**8**
7	Pangas	0	25	0	0	0	0	0	0	3	16	0	6	6	11	22	24	**113**
8	Boal/Ayre/Guizza Ayre	0	55	52	32	0	0	7	0	8	22	9	5	6	37	28	16	**277**
9	Shol/Gazar/Taki	0	11	0	8	0	0	0	0	0	0	5	3	6	46	3	5	**87**
10	Koi	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	3	**9**
11	Shingi/Magur	0	0	0	0	0	0	0	0	0	0	0	3	1	0	2	1	**7**
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	**5**
13	Cuchia	2	20	15	0	1	0	6	2	54	4	7	15	21	66	6	71	**290**
14	Other Inland Fish	287	241	453	102	126	108	101	99	542	552	66	992	68	896	582	1416	**6631**
15	Hilsa/Ilish	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
16	Galda	0	0	0	3	2	0	0	0	0	0	0	0	6	0	6	7	**24**
17	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
18	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
19	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
20	Other small shrimp/prawn	9	43	26	35	62	19	18	18	18	19	27	62	47	72	54	146	**675**
TOTAL		**298**	**541**	**581**	**211**	**205**	**127**	**166**	**119**	**767**	**817**	**197**	**1322**	**373**	**1398**	**848**	**1913**	**9883**

Cont'd....

[Unit: Metric Ton]

Sl. No.	Species	Bandarban	Brahmanbaria	Chandpur	Chattogram	Cumilla	Cox's Bazar	Feni	Khagrachhari	Lakshmipur	Noakhali	Rangamati	Habiganj	Moulvibazar	Sunamganj	Sylhet	Sub-total	Total
1	Rui	7	60	78	22	72	0	59	0	4	2	6	38	15	47	61	**471**	**1943**
2	Catla	6	28	9	17	17	0	55	0	3	1	3	12	9	14	6	**180**	**1162**
3	Mrigal	5	11	3	11	6	0	52	0	1	0	3	21	7	16	7	**143**	**756**
4	Kalibaus	0	4	5	6	6	0	0	0	0	0	3	0	0	0	62	**86**	**367**
5	Bata	0	4	0	0	0	0	82	0	12	2	4	0	20	59	0	**183**	**290**
6	Ghania	0	3	3	0	0	0	3	0	0	0	0	0	0	0	0	**9**	**17**
7	Pangas	0	10	0	0	0	0	0	0	3	2	0	0	6	6	4	**31**	**199**
8	Boal/Ayre/Guizza Ayre	0	107	64	0	63	0	87	0	6	1	15	0	8	60	64	**475**	**1314**
9	Shol/Gazar/Taki	0	15	65	0	17	0	72	0	4	1	11	0	8	21	21	**235**	**835**
10	Koi	0	2	0	0	4	0	0	0	3	1	0	0	5	3	6	**24**	**104**
11	Shingi/Magur	6	4	0	0	4	0	0	0	4	1	0	0	6	2	6	**33**	**95**
12	Sarpunti	0	5	0	0	4	0	0	0	0	0	0	0	0	0	0	**9**	**18**
13	Cuchia	3	12	21	306	55	81	25	3	13	26	8	18	5	11	12	**599**	**2524**
14	Other Inland Fish	79	422	615	256	270	70	515	168	97	22	180	714	347	524	516	**4795**	**34815**
15	Hilsa/Ilish	0	0	2769	6173	0	2190	58	0	164	60	0	1	0	6	5	**11426**	**54278**
16	Galda	0	4	7	33	26	25	0	0	4	1	0	0	5	3	0	**108**	**329**
17	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**49**
18	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**3098**
19	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**19**
20	Other small shrimp/prawn	48	23	26	117	75	53	360	11	30	4	5	84	54	124	124	**1138**	**7343**
TOTAL		**154**	**714**	**3665**	**6941**	**619**	**2419**	**1368**	**182**	**348**	**124**	**238**	**888**	**495**	**896**	**894**	**19945**	**109555**

Table 3.11. Annual Fish Production of Sundarbans Fisheries in 2021-22

[Unit: Metric Ton]

Zone	District	Hilsa	Big Shrimp/ Prawn	Small Shrimp/ Prawn	Other Fish	Total
East Sundarbans	Bagerhat	53	4	159	22079	**22295**
West Sundarbans	Khulna	412	220	257	334	**1223**
West Sundarbans	Satkhira	222	185	112	222	**741**
TOTAL	-	**687**	**409**	**528**	**22635**	**24259**
%	-	***2.83***	***1.69***	***2.18***	***93.31***	***100***

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

Annual Growth Rate: 12.60% (Hilsa: -7.54%, Shrimp: 155.31% and other species: 10.77%)

Table 3.12. Annual Fish Production of Beels in 2021-22

[Area in Hectare] *[Production in Metric Ton]*

Sl. No.	District	Natural Source		Beel Nursery Program		Total	
		Area	Production	Area	Production	Area	Production
1	Dhaka	911	736	85	106	**996**	**842**
2	Faridpur	219	256	207	350	**426**	**606**
3	Gazipur	1541	1519	179	285	**1720**	**1804**
4	Gopalganj	647	546	254	342	**901**	**888**
5	Kishoreganj	5208	4991	1629	2131	**6837**	**7122**
6	Madaripur	108	126	155	197	**263**	**323**
7	Manikganj	504	367	268	333	**772**	**700**
8	Munshiganj	330	267	19	20	**349**	**287**
9	Narayanganj	207	151	9	15	**216**	**166**
10	Narsingdi	969	1039	195	267	**1164**	**1306**
11	Rajbari	155	173	94	134	**249**	**307**
12	Shariatpur	70	41	6	6	**76**	**47**
13	Tangail	1950	1974	383	427	**2333**	**2401**
Dhaka Division		**12819**	**12186**	**3483**	**4613**	**16302**	**16799**
14	Jamalpur	2582	2219	778	1087	**3360**	**3306**
15	Mymensingh	6832	6101	514	484	**7346**	**6585**
16	Netrakona	8343	6883	12	23	**8355**	**6906**
17	Sherpur	3430	2471	78	110	**3508**	**2581**
Mymensingh Division		**21187**	**17674**	**1382**	**1704**	**22569**	**19378**
18	Bagerhat	41	25	7	7	**48**	**32**
19	Chuadanga	1142	1087	19	28	**1161**	**1115**
20	Jashore	2521	1483	189	282	**2710**	**1765**
21	Jhenaidah	944	884	187	197	**1131**	**1081**
22	Khulna	247	221	24	23	**271**	**244**
23	Kushtia	420	315	167	271	**587**	**586**
24	Magura	286	120	46	38	**332**	**158**
25	Meherpur	414	319	35	77	**449**	**396**
26	Narail	527	325	337	241	**864**	**566**
27	Satkhira	38	26	8	8	**46**	**34**
Khulna Division		**6580**	**4805**	**1019**	**1172**	**7599**	**5977**
28	Barguna	0	0	0	0	**0**	**0**
29	Barishal	31	27	10	10	**41**	**37**
30	Bhola	0	0	0	0	**0**	**0**
31	Jhalokati	12	13	2	2	**14**	**15**
32	Patuakhali	0	0	0	0	**0**	**0**
33	Pirojpur	16	8	4	4	**20**	**12**
Barishal Division		**59**	**48**	**16**	**16**	**75**	**64**

Cont'd....

[Area in Hectare] *[Production in Metric Ton]*

Sl. No.	District	Natural Source		Beel Nursery Program		Total	
		Area	Production	Area	Production	Area	Production
34	Dinajpur	777	550	5	14	**782**	**564**
35	Gaibandha	682	469	137	113	**819**	**582**
36	Kurigram	998	1084	353	627	**1351**	**1711**
37	Lalmonirhat	312	228	291	363	**603**	**591**
38	Nilphamari	568	296	240	221	**808**	**517**
39	Panchagarh	93	47	17	11	**110**	**58**
40	Rangpur	1783	1744	127	158	**1910**	**1902**
41	Thakurgaon	286	162	75	53	**361**	**215**
Rangpur Division		**5499**	**4580**	**1245**	**1560**	**6744**	**6140**
42	Bogura	3241	2327	276	329	**3517**	**2656**
43	Chapai Nawabganj	4573	2819	231	273	**4804**	**3092**
44	Joypurhat	244	217	40	59	**284**	**276**
45	Naogaon	5719	3581	1936	1794	**7655**	**5375**
46	Natore	1072	776	321	314	**1393**	**1090**
47	Pabna	1159	1132	1194	1629	**2353**	**2761**
48	Rajshahi	4739	3334	1258	907	**5997**	**4241**
49	Sirajganj	617	489	285	322	**902**	**811**
Rajshahi Division		**21364**	**14675**	**5541**	**5627**	**26905**	**20302**
50	Bandarban	0	0	0	0	**0**	**0**
51	Brahmanbaria	333	325	135	184	**468**	**509**
52	Chandpur	132	81	229	223	**361**	**304**
53	Chattogram	89	55	0	0	**89**	**55**
54	Cumilla	185	226	89	114	**274**	**340**
55	Cox's Bazar	0	0	0	0	**0**	**0**
56	Feni	0	0	0	0	**0**	**0**
57	Khagrachhari	75	40	0	0	**75**	**40**
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		**814**	**727**	**453**	**521**	**1267**	**1248**
61	Habiganj	2531	2179	447	503	**2978**	**2682**
62	Moulvibazar	2487	1894	1005	1116	**3492**	**3010**
63	Sunamganj	20926	24421	42	81	**20968**	**24502**
64	Sylhet	4575	4474	687	997	**5262**	**5471**
Sylhet Division		**30519**	**32968**	**2181**	**2697**	**32700**	**35665**
TOTAL		**98841**	**87663**	**15320**	**17910**	**114161**	**105573**

Source	Area (Ha)	Production (MT)	%	MT/Ha	*Growth Rate (%)*
Natural Source	98841	87663	***83.04***	0.89	***0.50***
Beel Nursery Program	15320	17910	***16.96***	1.17	***1.51***
TOTAL	**114161**	**105573**	***100***	**0.92**	***0.67***

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 in 2021-22

Sl. No.	Species	Production (Metric Ton)	%
1	Rui	13661	12.94
2	Catla	8805	8.34
3	Mrigal	9576	9.07
4	Kalibaus	1858	1.76
5	Bata	1658	1.57
6	Ghania	1120	1.06
7	Silver carp	4688	4.44
8	Grass carp	2070	1.96
9	Mirror/Common carp	2591	2.45
10	Other Exotic carp	827	0.78
11	Pangas	185	0.18
12	Boal/Ayre	4737	4.49
13	Shol/Gazar/Taki	3618	3.43
14	Koi	2702	2.56
15	Shingi/Magur	2006	1.90
16	Tilapia/ Nilotica	1545	1.46
17	Sarpunti/Thai punti	4329	4.10
18	Big Shrimp/ Prawn	62	0.06
19	Small Shrimp/ Prawn	4261	4.04
20	Cuchia	1912	1.81
21	Other Inland Fish	33362	31.60
TOTAL		**105573**	**100**

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

Table 3.14. Annual Fish Production of Kaptai Lake in 2021-22

Sl. No.	Species	Production (Metric Ton)	%
1	Rui *(Labeo rohita)*	14	*0.08*
2	Catla *(Catla catla)*	20	*0.11*
3	Mrigal *(Cirrhinus cirrhosus)*	5	*0.03*
4	Kalibaus *(Labeo calbasu)*	13	*0.07*
5	Bata *(Labeo bata)*	16	*0.09*
6	Ghania *(Labeo gonius)*	0	*0.00*
7	Silver Carp *(Hypophthalmichthys molitrix)*	2	*0.01*
8	Grass Carp *(Ctenopharyngodon idella)*	3	*0.02*
9	Common Carp *(Cyprinus carpio)*	0	*0.00*
10	Other Exotic Carp	0	*0.00*
11	Pangas *(Pangasius pangasius)*	0	*0.00*
12	Boal/Ayre/Guizza Ayre *(Wallago attu/ Sperata aor/ Sperata seenghala)*	225	*1.25*
13	Shol/Gazar/Taki *(Channa striatus/C. marulius/C. punctatus)*	25	*0.14*
14	Koi *(Anabas testudineus)*	0	*0.00*
15	Shingi/Magur *(Heteropneustes fossilis/ Clarias batrachus)*	9	*0.05*
16	Big Prawn	0	*0.00*
17	Small Prawn	132	*0.74*
18	Tilapia/Nilotica *(Oreochromis mossambicus/O. niloticus)*	12	*0.07*
19	Sarpunti *(Puntius sarana)*	0	*0.00*
20	Other Fish	17461	*97.35*
TOTAL		**17937**	***100***

Source:

- Catch data of Kaptai Lake are supplied by Bangladesh Fisheries Development Corporation (BFDC)
- Other Inland Fish: Chapila, Tengra, Punti, Chital, Phali, Pabda, Gulsha, Bacha, Kazoli, Baim, Kachki, Mola etc.
- Annual Growth Rate: 45.30%

Table 3.15. Annual Fish Catch of Floodplains in 2021-22

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)	Production (MT) (B)	Area (Ha)	Production (MT) (C)	
Dhaka	106	44.60	4728	6029	0.94	1511	0	0	6239
Faridpur	174	50.16	8727	1382	1.64	579	0	0	9306
Gazipur	273	62.16	16969	1135	0.98	336	0	0	17305
Gopalganj	137	47.52	6510	5068	1.00	2229	0	0	8739
Kishoreganj	230	94.33	21697	3069	0.71	1442	63956	23503	46642
Madaripur	136	62.05	8439	829	7.16	240	0	0	8679
Manikganj	211	51.47	10861	879	6.42	353	0	0	11214
Munshiganj	230	50.06	11514	1760	5.75	403	0	0	11917
Narayanganj	67	22.07	1479	448	0.39	223	0	0	1702
Narsingdi	212	56.54	11986	3196	0.60	1175	0	0	13161
Rajbari	159	39.82	6332	1519	10.98	223	0	0	6555
Shariatpur	131	42.31	5542	343	2.07	140	0	0	5682
Tangail	240	42.39	10173	2366	2.92	1727	0	0	11900
Dhaka Division	**2306**	**54.19**	**124957**	**28023**	**41.56**	**10581**	**63956**	**23503**	**159041**
Jamalpur	205	48.70	9983	399	1.85	105	0	0	10088
Mymensingh	246	44.70	10996	504	2.36	457	0	0	11453
Netrakona	115	112.62	12951	1524	3.35	1037	40240	23579	37567
Sherpur	183	13.66	2499	289	2.78	107	0	0	2606
Mymensingh Division	**749**	**48.64**	**36429**	**2716**	**10.34**	**1706**	**40240**	**23579**	**61714**
Bagerhat	213	22.00	4687	1594	2.03	503	0	0	5190
Chuadanga	62	21.44	1329	72	2.98	25	0	0	1354
Jashore	265	136.15	36079	708	0.16	331	0	0	36410
Jhenaidah	192	32.13	6168	495	0.15	315	0	0	6483
Khulna	301	67.40	20288	1690	2.17	833	0	0	21121
Kushtia	182	19.30	3512	884	2.00	433	0	0	3945
Magura	98	30.15	2955	43	1.11	7	0	0	2962
Meherpur	67	10.76	721	331	0.13	182	0	0	903
Narail	35	84.29	2950	589	0.35	423	0	0	3373
Satkhira	120	116.02	13922	472	1.42	242	0	0	14164
Khulna Division	**1535**	**60.33**	**92611**	**6878**	**12.50**	**3294**	**0**	**0**	**95905**
Barguna	80	46.15	3692	0	0.00	0	0	0	3692
Barishal	216	43.05	9299	1152	2.73	177	0	0	9476
Bhola	160	33.44	5351	0	0.00	0	0	0	5351
Jhalokati	122	36.46	4448	612	1.60	329	0	0	4777
Patuakhali	184	56.87	10464	257	1.80	168	0	0	10632
Pirojpur	111	35.58	3949	734	3.63	214	0	0	4163
Barishal Division	**873**	**42.62**	**37203**	**2755**	**9.76**	**888**	**0**	**0**	**38091**

Cont'd....

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)	Production (MT) (B)	Area (Ha)	Production (MT) (C)	
Dinajpur	421	14.56	6131	14	3.00	7	0	0	6138
Gaibandha	304	20.04	6091	589	4.90	309	0	0	6400
Kurigram	241	45.80	11037	861	1.69	508	0	0	11545
Lalmonirhat	119	12.13	1444	1148	0.21	412	0	0	1856
Nilphamari	121	30.15	3648	396	0.06	138	0	0	3786
Panchagarh	132	21.96	2899	227	0.02	121	0	0	3020
Rangpur	210	39.81	8361	168	1.80	158	0	0	8519
Thakurgaon	114	34.75	3961	278	0.21	117	0	0	4078
Rangpur Division	**1662**	**26.22**	**43572**	**3681**	**11.89**	**1770**	**0**	**0**	**45342**
Bogura	100	47.27	4727	1688	13.68	267	0	0	4994
Chapai Nawabganj	47	32.40	1523	59	0.14	33	0	0	1556
Joypurhat	22	7.41	163	2	0.20	1	0	0	164
Naogaon	333	42.56	14174	3153	1.22	1764	0	0	15938
Natore	248	52.82	13099	4948	1.23	3434	0	0	16533
Pabna	243	38.19	9281	3873	4.36	2161	0	0	11442
Rajshahi	215	27.90	5998	1271	1.90	618	0	0	6616
Sirajganj	427	78.45	33499	1436	13.37	843	0	0	34342
Rajshahi Division	**1635**	**50.44**	**82464**	**16430**	**36.10**	**9121**	**0**	**0**	**91585**
Bandarban	18	8.50	153	84	0.60	15	0	0	168
Brahmanbaria	273	61.23	16717	1535	3.53	893	8050	3753	21363
Chandpur	351	70.21	24644	683	1.22	275	0	0	24919
Chattogram	52	14.31	744	0	0.00	0	0	0	744
Cumilla	621	118.49	73584	2912	5.03	1428	0	0	75012
Cox's Bazar	91	12.55	1142	292	1.30	220	0	0	1362
Feni	253	27.72	7012	357	0.56	194	0	0	7206
Khagrachhari	0	0	0	0	0.00	0	0	0	0
Lakshmipur	146	72.53	10589	195	0.60	162	0	0	10751
Noakhali	352	80.58	28364	927	5.13	330	0	0	28694
Rangamati	0	0	0	43	0.08	4	0	0	4
Chattogram Division	**2157**	**75.54**	**162949**	**7028**	**18.05**	**3521**	**8050**	**3753**	**170223**
Habiganj	180	110.81	19945	907	1.16	498	25470	8998	29441
Moulvibazar	154	79.77	12285	1353	2.19	1369	24217	11473	25127
Sunamganj	242	137.21	33204	6156	10.51	5131	60154	32962	71297
Sylhet	168	166.26	27931	1429	1.27	1247	29630	14373	43551
Sylhet Division	**744**	**125.49**	**93365**	**9845**	**15.13**	**8245**	**139471**	**67806**	**169416**
TOTAL	**11661**	**57.76**	**673550**	**77356**	**155.33**	**39126**	**251717**	**118641**	**831317**

Source	Area (Ha)	Production (MT)	%	MT/Ha	*Growth Rate (%)*
Subsistence Fisheries	2317175	673550	81.02	*0.29*	*0.24*
Fry Released Program	77356	39126	4.71	*0.51*	*1.75*
Haor	251717	118641	14.27	*0.47*	*3.10*
Total	**2646248**	**831317**	**100**	***0.31***	***0.71***

Table 3.16. Species Composition of Annual Fish Catch of Floodplains in 2021-22

Sl. No.	Species	Production (Metric Ton)	%
1	Rui	47136	5.67
2	Catla	20284	2.44
3	Mrigal	25438	3.06
4	Kalibaus	3242	0.39
5	Bata	1330	0.16
6	Ghania	1829	0.22
7	Silver carp	2743	0.33
8	Grass carp	7232	0.87
9	Mirror/Common carp	21781	2.62
10	Other Exotic carp	0	0.00
11	Pangas	8729	1.05
12	Boal/Ayre	64178	7.72
13	Shol/Gazar/Taki	71826	8.64
14	Koi	9976	1.20
15	Shingi/Magur	59439	7.15
16	Tilapia/Nilotica	0	0.00
17	Sarpunti/Thai punti	20617	2.48
18	Big Shrimp/Prawn	1746	0.21
19	Small Shrimp/Prawn	46387	5.58
20	Cuchia	4323	0.52
21	Other Inland Fish	413081	49.69
TOTAL		**831317**	**100**

Table 3.17. Annual Fish Production of Ponds in 2021-22

[Area in Hectare] *[Production in Metric Ton]*

Sl. No.	District	Extensive		Semi-intensive		Intensive		Highly Intensive		Total		
		< 1.5 MT/Ha		1.5 - 4.0 MT/Ha		>4- 10 MT/Ha		>10.0 MT/Ha				
		Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	MT/Ha
1	Dhaka	4	5	1472	5736	318	2662	14	215	1808	8618	4.77
2	Faridpur	68	97	2127	7586	1699	11919	126	1792	4020	21394	5.32
3	Gazipur	53	77	2177	7968	1510	13507	406	6101	4146	27653	6.67
4	Gopalganj	667	992	1769	6889	1365	9489	16	169	3817	17539	4.59
5	Kishoreganj	269	369	2893	11189	1667	13274	170	2251	4999	27083	5.42
6	Madaripur	180	269	2019	6478	586	4833	161	1899	2946	13479	4.58
7	Manikganj	346	504	1672	6455	656	6414	20	297	2694	13670	5.07
8	Munshiganj	181	268	1798	7174	248	2471	3	33	2230	9946	4.46
9	Narayanganj	0	0	1356	4346	775	6183	0	0	2131	10529	4.94
10	Narsingdi	83	124	1260	4115	926	8308	707	12450	2976	24997	8.40
11	Rajbari	128	189	2630	10270	943	5385	0	0	3701	15844	4.28
12	Shariatpur	40	59	1799	7159	851	7361	0	0	2690	14579	5.42
13	Tangail	5	6	3071	8792	4559	30101	258	2903	7893	41802	5.30
Dhaka Division		**2024**	**2959**	**26043**	**94157**	**16103**	**121907**	**1881**	**28110**	**46051**	**247133**	**5.37**
14	Jamalpur	39	42	2093	8119	1456	10297	113	1419	3701	19877	5.37
15	Mymensingh	668	874	7006	23212	12156	89987	9350	199140	29180	313213	10.73
16	Netrakona	434	641	5259	20879	2442	19986	49	653	8184	42159	5.15
17	Sherpur	30	35	2402	7891	1508	8911	629	7025	4569	23862	5.22
Mymensingh Division		**1171**	**1592**	**16760**	**60101**	**17562**	**129181**	**10141**	**208237**	**45634**	**399111**	**8.75**
18	Bagerhat	1728	2555	3528	13972	151	1416	0	0	5407	17943	3.32
19	Chuadanga	10	12	1047	3410	1180	8333	0	0	2237	11755	5.25
20	Jashore	84	124	9639	38238	5966	57166	2286	40261	17975	135789	7.55
21	Jhenaidah	25	35	2648	10323	2536	17114	21	212	5230	27684	5.29
22	Khulna	124	181	3530	10932	1254	7498	0	0	4908	18611	3.79
23	Kushtia	5	6	2648	10546	1990	13858	17	191	4660	24601	5.28
24	Magura	18	25	1948	7519	388	3659	14	141	2368	11344	4.79
25	Meherpur	0	0	1321	5116	249	2194	12	140	1582	7450	4.71
26	Narail	55	78	648	2467	397	2582	0	0	1100	5127	4.66
27	Satkhira	6569	8222	4319	10753	1855	17310	457	6205	13200	42490	3.22
Khulna Division		**8618**	**11238**	**31276**	**113276**	**15966**	**131130**	**2807**	**47150**	**58667**	**302794**	**5.16**
28	Barguna	473	696	1974	7154	28	246	0	0	2475	8096	3.27
29	Barishal	880	903	6224	23275	2649	14377	69	736	9822	39291	4.00
30	Bhola	330	465	2015	6676	5626	31454	36	472	8007	39067	4.88
31	Jhalokati	6	8	945	3536	250	1348	7	75	1208	4967	4.11
32	Patuakhali	1216	1781	6902	23677	180	1254	6	68	8304	26780	3.22
33	Pirojpur	761	1138	1961	6425	311	2230	0	0	3033	9793	3.23
Barishal Division		**3666**	**4991**	**20021**	**70743**	**9044**	**50909**	**118**	**1351**	**32849**	**127994**	**3.90**

Cont'd....

[Area in Hectare] *[Production in Metric Ton]*

Sl. No.	District	Extensive		Semi-intensive		Intensive		Highly Intensive		Total		
		< 1.5 MT/Ha		1.5 - 4.0 MT/Ha		>4- 10 MT/Ha		>10.0 MT/Ha				
		Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	MT/Ha
34	Dinajpur	8	11	5329	20359	4300	26832	397	4930	10034	52132	5.20
35	Gaibandha	0	0	5221	20817	640	5779	14	222	5875	26818	4.56
36	Kurigram	137	204	3268	12752	1004	7554	131	1626	4540	22136	4.88
37	Lalmonirhat	0	0	2671	10666	596	3972	25	287	3292	14925	4.53
38	Nilphamari	0	0	1891	7449	2327	12725	91	1095	4309	21269	4.94
39	Panchagarh	0	0	1941	6849	1029	5683	164	1817	3134	14349	4.58
40	Rangpur	0	0	4597	18153	1835	14254	6	69	6438	32476	5.04
41	Thakurgaon	0	0	3801	15024	1454	9323	201	2628	5456	26975	4.94
Rangpur Division		**145**	**215**	**28719**	**112069**	**13185**	**86122**	**1029**	**12674**	**43078**	**211080**	**4.90**
42	Bogura	402	598	9518	37870	3690	35543	824	18266	14434	92277	6.39
43	Chapai Nawabganj	0	0	2469	8954	763	5017	0	0	3232	13971	4.32
44	Joypurhat	0	0	2201	7746	2529	16304	0	0	4730	24050	5.08
45	Naogaon	0	0	9583	36701	3149	22994	118	1422	12850	61117	4.76
46	Natore	0	0	4744	18836	3450	29763	243	3790	8437	52389	6.21
47	Pabna	15	21	8345	33374	2277	16171	10	120	10647	49686	4.67
48	Rajshahi	0	0	4583	17532	7902	45963	365	3997	12850	67492	5.25
49	Sirajganj	11	13	2954	11813	2609	16890	0	0	5574	28716	5.15
Rajshahi Division		**428**	**632**	**44397**	**172826**	**26369**	**188645**	**1560**	**27595**	**72754**	**389698**	**5.36**
50	Bandarban	133	196	332	884	91	498	0	0	556	1578	2.84
51	Brahmanbaria	72	106	4329	17162	2454	19201	68	1050	6923	37519	5.42
52	Chandpur	174	251	6410	23600	2872	15462	0	0	9456	39313	4.16
53	Chattogram	6450	9288	12915	47290	1776	11310	80	1320	21221	69208	3.26
54	Cumilla	1445	2111	12548	49921	7529	70744	1112	22018	22634	144794	6.40
55	Cox's Bazar	70	101	1218	4571	64	392	0	0	1352	5064	3.75
56	Feni	305	442	4066	15954	1076	9674	51	723	5498	26793	4.87
57	Khagrachhari	156	233	816	2215	99	682	0	0	1071	3130	2.92
58	Lakshmipur	239	332	6027	22168	1869	10690	0	0	8135	33190	4.08
59	Noakhali	948	1325	11761	45992	452	4297	3	43	13164	51657	3.92
60	Rangamati	84	119	405	1193	10	77	0	0	499	1389	2.78
Chattogram Division		**10076**	**14504**	**60827**	**230950**	**18292**	**143027**	**1314**	**25154**	**90509**	**413635**	**4.57**
61	Habiganj	902	1316	2506	8678	1283	8333	109	1169	4800	19496	4.06
62	Moulvibazar	3189	4017	2730	10544	1270	8994	3	41	7192	23596	3.28
63	Sunamganj	489	708	2437	8814	179	1530	4	60	3109	11112	3.57
64	Sylhet	973	1279	3413	9763	1636	9787	18	237	6040	21066	3.49
Sylhet Division		**5553**	**7320**	**11086**	**37799**	**4368**	**28644**	**134**	**1507**	**21141**	**75270**	**3.56**
TOTAL		**31681**	**43451**	**239129**	**891921**	**120889**	**879565**	**18984**	**351778**	**410683**	**2166715**	**5.28**

Culture Method	Production Range	Number of Pond	Area		Production		MT/Ha	Growth Rate (%)
			(Ha)	%	(MT)	%		
Extensive	*<1.5MT/Ha*	483037	31681	*7.71*	43451	*2.01*	1.37	*-0.35*
Semi-intensive	*1.5-4 MT/Ha*	1405302	239129	*58.23*	891921	*41.16*	3.73	*1.54*
Intensive	*>4 - 10MT/Ha*	535945	120889	*29.44*	879565	*40.59*	7.28	*7.58*
Highly Intensive	*>10 MT/Ha*	77904	18984	*4.62*	351778	*16.24*	18.53	*0.16*
TOTAL		**2502188**	**410683**	*100*	**2166715**	*100*	5.28	*3.63*

***Note:** Pond Area from SPARRSO (Space Research and Remote Sensing Organization Report, 1983 and updated on the basis of DFO (District Fisheries Office) Report 2021-22*

Table 3.18. Species Composition of Annual Fish Production of Ponds in 2021-22

Sl. No.	Species	Production (Metric Ton)	%
1	Rui *(Labeo rohita)*	307865	14.21
2	Catla *(Catla catla)*	195630	9.03
3	Mrigal *(Cirrhinus cirrhosus)*	205491	9.48
4	Kalibaus *(Labeo calbasu)*	38276	1.77
5	Bata (*Labeo bata)*	48738	2.25
6	Ghania *(Labeo gonius)*	14523	0.67
7	Silver Carp *(Hypophthalmichthys molitrix)*	216604	10.00
8	Grass Carp *(Ctenopharyngodon idella)*	57397	2.65
9	Common Carp *(Cyprinus carpio)*	82020	3.79
10	Other Exotic Carp	35007	1.62
11	Pangas *(Pangasius pangasius)*	395615	18.26
12	Boal/Ayre/Guizza Ayre *(Wallago attu/ Sperata aor/Sperata seenghala)*	693	0.03
13	Shol/Gazar/Taki *(Channa striatus/C. marulius/C. punctatus)*	2404	0.11
14	Koi *(Anabas testudineus)*	57244	2.64
15	Shingi/Magur *(Heteropneustes fossilis/Clarias batrachus)*	43520	2.01
16	Big Prawn	2567	0.12
17	Small Prawn	3179	0.15
18	Tilapia/Nilotica *(Oreochromis mossambicus/O. niloticus)*	329316	15.20
19	Sarpunti *(Puntius sarana)*	52062	2.40
20	Cuchia *(Monopterus cuchia)*	251	0.01
21	Other Fish	78313	3.61
	TOTAL	**2166715**	**100**

Table 3.19. District-wise Species Composition of Fish Production of Ponds in 2021-22

Sl. No.	Species	Dhaka		Faridpur		Gazipur		Gopalganj		Kishoreganj		Madaripur		Manikganj		Munshiganj		Narayanganj	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	1645	19.09	4159	19.44	2794	10.10	3323	18.95	4371	16.14	2002	14.85	2553	18.68	1890	19.00	1430	13.58
2	Catla	1222	14.18	3162	14.78	4129	14.93	2198	12.53	2713	10.02	1314	9.75	1378	10.08	1354	13.61	1402	13.32
3	Mrigal	1212	14.06	2388	11.16	1554	5.62	1705	9.72	3069	11.33	1282	9.51	1559	11.40	1010	10.15	1141	10.84
4	Kalibaus	272	3.16	285	1.33	241	0.87	533	3.04	980	3.62	62	0.46	173	1.27	347	3.49	670	6.36
5	Bata	513	5.95	986	4.61	231	0.84	632	3.60	515	1.90	290	2.15	300	2.19	381	3.83	507	4.82
6	Ghania	95	1.10	0	0.00	26	0.09	188	1.07	374	1.38	1	0.01	115	0.84	128	1.29	236	2.24
7	Silver carp	900	10.44	2550	11.92	4426	16.01	1900	10.83	3770	13.92	1286	9.54	1369	10.01	396	3.98	1126	10.69
8	Grass carp	665	7.72	1305	6.10	1034	3.74	1052	6.00	1184	4.37	296	2.20	240	1.76	111	1.12	434	4.12
9	Mirror/Common carp	208	2.41	1234	5.77	1274	4.61	1073	6.12	1691	6.24	573	4.25	718	5.25	200	2.01	455	4.31
10	Other Exotic carp	171	1.98	590	2.76	316	1.14	482	2.75	152	0.56	148	1.10	128	0.94	21	0.22	142	1.35
11	Pangas	464	5.38	657	3.07	2085	7.54	477	2.72	3300	12.18	2138	15.86	1955	14.30	1409	14.17	929	8.82
12	Boal/Ayre	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	23	0.22
13	Shol/Gazar/Taki	12	0.14	0	0.00	0	0.00	0	0.00	5	0.02	0	0.00	0	0.00	32	0.32	5	0.05
14	Koi	52	0.60	150	0.70	104	0.38	337	1.92	434	1.60	591	4.39	520	3.80	74	0.74	44	0.42
15	Shingi/Magur	80	0.93	81	0.38	235	0.85	160	0.91	383	1.42	160	1.19	126	0.92	70	0.70	65	0.62
16	Big Shrimp/Prawn	0	0.00	3	0.01	0	0.00	411	2.34	0	0.00	18	0.13	0	0.00	0	0.00	0	0.00
17	Small Shrimp/Prawn	43	0.50	4	0.02	0	0.00	103	0.59	0	0.00	45	0.33	29	0.21	0	0.00	2	0.02
18	Tilapia/Nilotica	652	7.57	2011	9.40	8019	29.00	1048	5.98	2015	7.44	2196	16.29	2023	14.80	1029	10.35	961	9.13
19	Sarpunti/Thai punti	259	3.01	462	2.16	1088	3.93	547	3.12	476	1.76	402	2.98	303	2.22	128	1.29	412	3.91
20	Cuchia	0	0.00	0	0.00	0	0.00	14	0.08	0	0.00	3	0.02	2	0.01	0	0.00	0	0.00
21	Other Inland Fish	153	1.78	1367	6.39	97	0.35	1356	7.73	1651	6.10	672	4.99	179	1.31	1366	13.73	545	5.18
	TOTAL	**8618**	**100**	**21394**	**100**	**27653**	**100**	**17539**	**100**	**27083**	**100**	**13479**	**100**	**13670**	**100**	**9946**	**100**	**10529**	**100**

Cont'd....

Sl. No.	Species	Narsingdi		Rajbari		Shariatpur		Tangail		Jamalpur		Mymensingh		Netrakona		Sherpur	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	1382	5.53	2319	14.64	4130	28.33	8287	19.82	4183	21.04	11481	3.67	4142	9.82	3378	14.16
2	Catla	935	3.74	1637	10.33	2938	20.15	5872	14.05	2433	12.24	7263	2.32	3017	7.16	1800	7.54
3	Mrigal	1728	6.91	1835	11.58	2083	14.29	4293	10.27	2557	12.86	9922	3.17	3412	8.09	2540	10.64
4	Kalibaus	179	0.72	453	2.86	0	0.00	1019	2.44	667	3.36	2466	0.79	1745	4.14	1210	5.07
5	Bata	120	0.48	976	6.16	123	0.84	1467	3.51	548	2.76	4259	1.36	819	1.94	1104	4.63
6	Ghania	73	0.29	16	0.10	1	0.01	201	0.48	217	1.09	2923	0.93	761	1.81	1016	4.26
7	Silver carp	668	2.67	1536	9.69	2524	17.31	5469	13.08	2794	14.06	10120	3.23	3020	7.16	3079	12.90
8	Grass carp	254	1.02	918	5.79	277	1.90	653	1.56	175	0.88	6872	2.19	1765	4.19	1427	5.98
9	Mirror/Common carp	287	1.15	555	3.50	533	3.66	2321	5.55	503	2.53	3911	1.25	2358	5.59	1467	6.15
10	Other Exotic carp	642	2.57	447	2.82	3	0.02	1559	3.73	90	0.45	9009	2.88	2526	5.99	493	2.07
11	Pangas	6552	26.21	1645	10.38	675	4.63	2488	5.95	1780	8.96	144448	46.12	5529	13.11	2133	8.94
12	Boal/Ayre	0	0.00	0	0.00	0	0.00	12	0.03	0	0.00	0	0.00	3	0.01	0	0.00
13	Shol/Gazar/Taki	0	0.00	11	0.07	0	0.00	33	0.08	0	0.00	0	0.00	265	0.63	0	0.00
14	Koi	4318	17.27	633	4.00	6	0.04	269	0.64	370	1.86	20005	6.39	2116	5.02	1320	5.53
15	Shingi/Magur	2123	8.49	327	2.06	5	0.03	512	1.22	313	1.57	18258	5.83	3294	7.81	429	1.80
16	Big Shrimp/Prawn	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.00	0	0.00	0	0.00
17	Small Shrimp/Prawn	27	0.11	13	0.08	0	0.00	0	0.00	0	0.00	0	0.00	72	0.17	27	0.11
18	Tilapia/Nilotica	5181	20.73	1042	6.58	565	3.88	5571	13.33	2447	12.31	23494	7.50	3514	8.34	1273	5.33
19	Sarpunti/Thai punti	84	0.34	576	3.64	640	4.39	883	2.11	62	0.31	4625	1.48	822	1.95	229	0.96
20	Cuchia	3	0.01	3	0.02	2	0.01	0	0.00	2	0.01	3	0.00	5	0.01	0	0.00
21	Other Inland Fish	441	1.76	902	5.69	74	0.51	893	2.14	736	3.70	34151	10.90	2974	7.05	937	3.93
	TOTAL	**24997**	**100**	**15844**	**100**	**14579**	**100**	**41802**	**100**	**19877**	**100**	**313213**	**100**	**42159**	**100**	**23862**	**100**

Cont'd....

Sl. No.	Species	Bagerhat		Chuadanga		Jashore		Jhenaidah		Khulna		Kushtia		Magura		Meherpur	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	5320	29.65	1415	12.04	22138	16.30	5005	18.08	3383	18.18	3536	14.37	2357	20.78	847	11.37
2	Catla	2013	11.22	719	6.12	10692	7.87	2389	8.63	1632	8.77	2108	8.57	1915	16.88	502	6.74
3	Mrigal	2114	11.78	1061	9.03	20639	15.20	3081	11.13	1763	9.47	2651	10.78	1996	17.60	590	7.92
4	Kalibaus	222	1.24	80	0.68	3924	2.89	11	0.04	31	0.17	580	2.36	17	0.15	22	0.30
5	Bata	47	0.26	593	5.04	4190	3.09	245	0.88	125	0.67	1288	5.24	224	1.97	67	0.90
6	Ghania	26	0.14	3	0.03	74	0.05	1	0.00	1	0.01	1	0.00	0	0.00	0	0.00
7	Silver carp	894	4.98	2449	20.83	18687	13.76	4867	17.58	2627	14.12	5044	20.50	1911	16.85	1163	15.61
8	Grass carp	1008	5.62	390	3.32	3604	2.65	2721	9.83	930	5.00	910	3.70	308	2.72	263	3.53
9	Mirror/Common carp	770	4.29	771	6.56	5277	3.89	1321	4.77	1344	7.22	2289	9.30	616	5.43	508	6.82
10	Other Exotic carp	172	0.96	207	1.76	1404	1.03	276	1.00	17	0.09	558	2.27	451	3.98	266	3.57
11	Pangas	849	4.73	383	3.26	14593	10.75	691	2.50	891	4.79	2835	11.52	612	5.39	1019	13.68
12	Boal/Ayre	12	0.07	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	228	1.27	0	0.00	25	0.02	8	0.03	0	0.00	0	0.00	0	0.00	0	0.00
14	Koi	92	0.51	71	0.59	1437	1.06	24	0.09	455	2.44	54	0.22	39	0.34	13	0.17
15	Shingi/Magur	50	0.28	30	0.26	1095	0.81	219	0.79	312	1.68	47	0.19	38	0.33	25	0.34
16	Big Shrimp/Prawn	1713	9.55	0	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
17	Small Shrimp/Prawn	223	1.24	0	0.00	0	0.00	3	0.01	335	1.80	51	0.21	0	0.00	0	0.00
18	Tilapia/Nilotica	1397	7.79	3081	26.21	21779	16.04	5829	21.06	3971	21.34	1755	7.13	58	0.51	1707	22.91
19	Sarpunti/Thai punti	458	2.55	252	2.14	3317	2.44	364	1.31	147	0.79	378	1.54	196	1.73	73	0.98
20	Cuchia	10	0.06	0	0.00	0	0.00	0	0.00	9	0.05	0	0.00	1	0.01	0	0.00
21	Other Inland Fish	325	1.81	250	2.13	2913	2.15	629	2.28	640	3.43	516	2.10	605	5.33	385	5.17
	TOTAL	**17943**	**100**	**11755**	**100**	**135789**	**100**	**27684**	**100**	**18611**	**100**	**24601**	**100**	**11344**	**100**	**7450**	**100**

Cont'd....

Sl. No.	Species	Narail		Satkhira		Barguna		Barishal		Bhola		Jhalokati		Patuakhali		Pirojpur	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	1676	32.69	8144	19.17	509	6.29	3709	9.44	9069	23.21	671	13.51	4266	15.93	773	7.89
2	Catla	1648	32.14	5869	13.81	412	5.09	2514	6.40	6841	17.51	455	9.16	3217	12.01	661	6.75
3	Mrigal	589	11.49	5275	12.42	382	4.71	2764	7.03	3100	7.94	463	9.32	2226	8.31	564	5.76
4	Kalibaus	89	1.74	46	0.11	24	0.30	136	0.35	625	1.60	0	0.00	24	0.09	52	0.53
5	Bata	112	2.18	180	0.42	84	1.04	559	1.42	0	0.00	0	0.00	3	0.01	9	0.09
6	Ghania	0	0.00	2	0.01	0	0.00	2	0.01	291	0.74	0	0.00	4	0.01	3	0.03
7	Silver carp	420	8.19	1537	3.62	239	2.95	1037	2.64	4036	10.33	435	8.76	2924	10.92	415	4.24
8	Grass carp	59	1.15	208	0.49	49	0.61	190	0.48	845	2.16	93	1.87	320	1.20	253	2.58
9	Mirror/Common carp	132	2.57	167	0.39	137	1.69	634	1.61	467	1.20	191	3.85	239	0.89	194	1.99
10	Other Exotic carp	6	0.12	59	0.14	2	0.02	23	0.06	128	0.33	18	0.36	107	0.40	111	1.13
11	Pangas	110	2.15	9706	22.84	3536	43.68	14608	37.18	8017	20.52	1568	31.57	5664	21.15	2692	27.49
12	Boal/Ayre	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	24	0.09	3	0.03
13	Shol/Gazar/Taki	0	0.00	0	0.00	0	0.00	0	0.00	39	0.10	0	0.00	21	0.08	0	0.00
14	Koi	34	0.66	108	0.25	3	0.04	685	1.74	182	0.47	148	2.98	413	1.54	1047	10.70
15	Shingi/Magur	66	1.29	117	0.28	3	0.04	127	0.32	26	0.07	19	0.38	114	0.43	3	0.03
16	Big Shrimp/Prawn	27	0.53	30	0.07	0	0.00	4	0.01	0	0.00	0	0.00	228	0.85	2	0.02
17	Small Shrimp/Prawn	0	0.00	58	0.14	0	0.00	0	0.00	101	0.26	2	0.04	11	0.04	2	0.02
18	Tilapia/Nilotica	53	1.03	9829	23.13	2361	29.16	11270	28.68	4076	10.43	763	15.36	6092	22.75	2602	26.57
19	Sarpunti/Thai punti	32	0.62	46	0.11	145	1.79	636	1.62	565	1.45	0	0.00	318	1.19	208	2.12
20	Cuchia	1	0.02	14	0.04	6	0.07	16	0.04	21	0.05	1	0.02	11	0.04	8	0.08
21	Other Inland Fish	73	1.42	1095	2.58	204	2.52	377	0.96	638	1.63	140	2.82	554	2.07	191	1.95
	TOTAL	**5127**	**100**	**42490**	**100**	**8096**	**100**	**39291**	**100**	**39067**	**100**	**4967**	**100**	**26780**	**100**	**9793**	**100**

Cont'd....

Sl. No.	Species	Dinajpur		Gaibandha		Kurigram		Lalmonirhat		Nilphamari		Panchagarh		Rangpur		Thakurgaon	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	6400	12.28	2382	8.88	2044	9.23	2026	13.57	2565	12.06	2254	15.71	3242	9.98	1837	6.81
2	Catla	4674	8.97	2569	9.58	2636	11.91	816	5.47	1125	5.29	1954	13.62	2760	8.50	1735	6.43
3	Mrigal	4717	9.05	1605	5.98	1437	6.49	1507	10.10	1534	7.21	1946	13.56	2753	8.48	1762	6.53
4	Kalibaus	644	1.24	228	0.85	33	0.15	164	1.10	310	1.46	480	3.35	748	2.30	91	0.34
5	Bata	1956	3.75	477	1.78	872	3.94	1181	7.91	447	2.10	587	4.09	2213	6.81	362	1.34
6	Ghania	130	0.25	44	0.16	1	0.00	534	3.58	211	0.99	21	0.15	91	0.28	252	0.93
7	Silver carp	6248	11.97	2373	8.85	2502	11.30	2449	16.41	2417	11.36	1615	11.26	6070	18.69	4646	17.22
8	Grass carp	771	1.48	1370	5.11	981	4.43	823	5.51	871	4.10	284	1.98	1287	3.96	185	0.69
9	Mirror/Common carp	4093	7.85	1283	4.78	1439	6.50	1043	6.99	1072	5.04	412	2.87	2526	7.78	1334	4.95
10	Other Exotic carp	133	0.26	101	0.38	834	3.77	857	5.74	176	0.83	181	1.26	415	1.28	661	2.45
11	Pangas	9182	17.61	4381	16.34	1091	4.93	338	2.26	440	2.07	357	2.49	384	1.18	254	0.94
12	Boal/Ayre	0	0.00	0	0.00	0	0.00	12	0.08	0	0.00	1	0.01	0	0.00	0	0.00
13	Shol/Gazar/Taki	0	0.00	1184	4.41	0	0.00	19	0.13	200	0.94	21	0.15	12	0.04	0	0.00
14	Koi	662	1.27	1220	4.55	1343	6.07	303	2.03	705	3.31	422	2.94	624	1.92	168	0.62
15	Shingi/Magur	461	0.88	1268	4.73	118	0.53	116	0.78	114	0.54	454	3.16	999	3.08	15	0.06
16	Big Shrimp/Prawn	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
17	Small Shrimp/Prawn	1690	3.24	0	0.00	0	0.00	11	0.07	0	0.00	16	0.11	1	0.00	0	0.00
18	Tilapia/Nilotica	7927	15.21	6042	22.53	6080	27.47	1218	8.16	6427	30.22	2492	17.36	5414	16.67	12483	46.28
19	Sarpunti/Thai punti	1374	2.64	74	0.28	406	1.83	788	5.28	2201	10.35	422	2.94	2484	7.65	1008	3.74
20	Cuchia	11	0.02	0	0.00	0	0.00	0	0.00	0	0.00	2	0.01	0	0.00	6	0.02
21	Other Inland Fish	1058	2.03	217	0.81	319	1.44	720	4.82	454	2.13	428	2.98	453	1.39	176	0.65
	TOTAL	**52132**	**100**	**26818**	**100**	**22136**	**100**	**14925**	**100**	**21269**	**100**	**14349**	**100**	**32476**	**100**	**26975**	**100**

Cont'd....

Sl. No.	Species	Bogura		ChapaiNawabganj		Joypurhat		Naogaon		Natore		Pabna		Rajshahi		Sirajganj	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	10264	11.12	2390	17.11	4538	18.87	10585	17.32	10949	20.90	7676	15.45	20101	29.78	3913	13.63
2	Catla	6539	7.09	1500	10.74	3437	14.29	6301	10.31	4686	8.94	3437	6.92	9457	14.01	2268	7.90
3	Mrigal	9032	9.79	2258	16.16	2316	9.63	9352	15.30	7039	13.44	4813	9.69	8925	13.22	2415	8.41
4	Kalibaus	1902	2.06	376	2.69	77	0.32	1343	2.20	492	0.94	743	1.50	2364	3.50	472	1.64
5	Bata	4199	4.55	1167	8.35	312	1.30	1388	2.27	1496	2.86	2992	6.02	1024	1.52	716	2.49
6	Ghania	49	0.05	1	0.01	1	0.00	2	0.00	2	0.00	124	0.25	62	0.09	759	2.64
7	Silver carp	12485	13.53	2630	18.82	4324	17.98	7032	11.51	10502	20.05	8001	16.10	13213	19.58	2632	9.17
8	Grass carp	1629	1.77	396	2.83	1248	5.19	1061	1.74	1725	3.29	698	1.40	928	1.37	648	2.26
9	Mirror/Common carp	3254	3.53	977	6.99	1179	4.90	2573	4.21	4850	9.26	2923	5.87	4992	7.40	1343	4.68
10	Other Exotic carp	1695	1.84	1074	7.69	212	0.88	1497	2.45	78	0.15	58	0.12	890	1.32	165	0.57
11	Pangas	24501	26.55	219	1.57	3271	13.60	11667	19.09	4918	9.38	10056	20.24	2296	3.40	1912	6.66
12	Boal/Ayre	53	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	53	0.06	12	0.09	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
14	Koi	2569	2.78	122	0.87	141	0.59	839	1.37	28	0.05	143	0.29	454	0.67	852	2.97
15	Shingi/Magur	2652	2.87	65	0.47	221	0.92	736	1.20	365	0.70	267	0.54	548	0.81	298	1.04
16	Big Shrimp/Prawn	1	0.00	3	0.02	0	0.00	1	0.00	1	0.00	0	0.00	1	0.00	0	0.00
17	Small Shrimp/Prawn	92	0.10	11	0.08	5	0.02	7	0.01	0	0.00	0	0.00	115	0.17	6	0.02
18	Tilapia/Nilotica	6518	7.06	172	1.23	2064	8.58	5664	9.27	2587	4.94	773	1.56	1220	1.81	8587	29.90
19	Sarpunti/Thai punti	1231	1.33	104	0.74	239	0.99	72	0.12	135	0.26	6016	12.11	424	0.63	989	3.44
20	Cuchia	1	0.00	0	0.00	0	0.00	1	0.00	1	0.00	0	0.00	1	0.00	0	0.00
21	Other Inland Fish	3558	3.86	494	3.54	465	1.93	996	1.63	2535	4.84	966	1.94	477	0.71	741	2.58
	TOTAL	**92277**	**100**	**13971**	**100**	**24050**	**100**	**61117**	**100**	**52389**	**100**	**49686**	**100**	**67492**	**100**	**28716**	**100**

Cont'd....

Sl. No.	Species	Bandarban		Brahmanbaria		Chandpur		Chattogram		Cumilla		Cox's Bazar		Feni		Khagrachhari	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	322	20.41	6756	18.01	8689	22.10	13702	19.80	15539	10.73	652	12.88	4005	14.95	488	15.59
2	Catla	245	15.53	5199	13.86	6687	17.01	9686	14.00	6317	4.36	526	10.39	2747	10.25	346	11.05
3	Mrigal	203	12.86	4180	11.14	4993	12.70	10402	15.03	6966	4.81	390	7.70	3138	11.71	494	15.78
4	Kalibaus	11	0.70	640	1.71	836	2.13	1069	1.54	603	0.42	175	3.46	542	2.02	135	4.31
5	Bata	2	0.13	845	2.25	438	1.11	28	0.04	3332	2.30	6	0.12	222	0.83	75	2.40
6	Ghania	20	1.27	680	1.81	13	0.03	134	0.19	1808	1.25	50	0.99	939	3.50	22	0.70
7	Silver carp	212	13.43	3844	10.25	3087	7.86	3643	5.26	5889	4.07	326	6.44	2655	9.90	305	9.74
8	Grass carp	51	3.23	946	2.52	49	0.12	1054	1.52	3033	2.09	157	3.10	374	1.40	38	1.21
9	Mirror/Common carp	117	7.41	1268	3.38	400	1.02	1284	1.86	1283	0.89	87	1.72	709	2.65	319	10.22
10	Other Exotic carp	6	0.38	310	0.83	1852	4.71	213	0.31	215	0.15	46	0.91	112	0.42	123	3.93
11	Pangas	141	8.94	2216	5.90	509	1.29	6853	9.90	46756	32.29	1018	20.10	1074	4.01	299	9.55
12	Boal/Ayre	0	0.00	3	0.01	0	0.00	12	0.02	0	0.00	0	0.00	468	1.74	12	0.38
13	Shol/Gazar/Taki	1	0.06	7	0.02	0	0.00	12	0.02	12	0.01	10	0.20	15	0.06	14	0.45
14	Koi	4	0.25	444	1.18	2087	5.31	202	0.29	5440	3.76	32	0.63	977	3.65	7	0.22
15	Shingi/Magur	16	1.01	388	1.03	609	1.55	238	0.34	3453	2.38	19	0.38	428	1.60	9	0.29
16	Big Shrimp/Prawn	0	0.00	0	0.00	0	0.00	15	0.02	1	0.00	21	0.41	0	0.00	0	0.00
17	Small Shrimp/Prawn	6	0.38	0	0.00	1	0.00	8	0.01	3	0.00	14	0.28	0	0.00	5	0.16
18	Tilapia/Nilotica	147	9.32	3639	9.70	8606	21.89	19414	28.05	41731	28.82	1301	25.69	7856	29.32	240	7.67
19	Sarpunti/Thai punti	7	0.44	5577	14.86	342	0.87	351	0.51	156	0.11	10	0.20	244	0.91	98	3.13
20	Cuchia	2	0.13	0	0.00	4	0.01	8	0.01	15	0.01	10	0.19	8	0.03	2	0.06
21	Other Inland Fish	65	4.12	577	1.54	111	0.28	880	1.28	2242	1.55	214	4.21	280	1.05	99	3.16
	TOTAL	**1578**	**100**	**37519**	**100**	**39313**	**100**	**69208**	**100**	**144794**	**100**	**5064**	**100**	**26793**	**100**	**3130**	**100**

Cont'd....

Sl. No.	Species	Lakshmipur		Noakhali		Rangamati		Habiganj		Moulvibazar		Sunamganj		Sylhet		Total	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	5421	16.33	11953	23.14	222	15.98	1901	9.75	2735	11.59	2811	25.30	3216	15.27	**307865**	**14.21**
2	Catla	3995	12.04	8552	16.56	171	12.31	1363	6.99	2000	8.48	1380	12.42	2168	10.29	**195630**	**9.03**
3	Mrigal	3382	10.19	8214	15.90	134	9.65	1322	6.78	1250	5.30	2111	19.00	2353	11.17	**205491**	**9.48**
4	Kalibaus	1096	3.30	3560	6.89	102	7.34	197	1.01	1029	4.36	19	0.17	610	2.90	**38276**	**1.77**
5	Bata	0	0.00	0	0.00	5	0.36	282	1.45	617	2.61	0	0.00	0	0.00	**48738**	**2.25**
6	Ghania	1	0.00	124	0.24	12	0.86	398	2.04	808	3.42	31	0.27	420	1.99	**14523**	**0.67**
7	Silver carp	2201	6.63	3621	7.01	115	8.28	2454	12.59	526	2.23	1313	11.81	1656	7.86	**216604**	**10.00**
8	Grass carp	581	1.75	1601	3.10	74	5.33	495	2.54	1011	4.28	640	5.76	1575	7.48	**57397**	**2.65**
9	Mirror/Common carp	344	1.04	2206	4.27	55	3.96	1187	6.09	952	4.03	709	6.38	1389	6.59	**82020**	**3.79**
10	Other Exotic carp	478	1.44	1506	2.92	6	0.43	13	0.07	155	0.66	121	1.09	100	0.47	**35007**	**1.62**
11	Pangas	5371	16.18	4832	9.35	160	11.52	1174	6.02	2012	8.53	767	6.90	728	3.46	**395615**	**18.26**
12	Boal/Ayre	0	0.00	55	0.11	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**693**	**0.03**
13	Shol/Gazar/Taki	78	0.24	34	0.07	0	0.00	4	0.02	32	0.14	0	0.00	0	0.00	**2404**	**0.11**
14	Koi	135	0.41	235	0.45	1	0.07	16	0.08	491	2.08	194	1.75	236	1.12	**57244**	**2.64**
15	Shingi/Magur	11	0.03	73	0.14	8	0.58	24	0.12	451	1.91	32	0.29	154	0.73	**43520**	**2.01**
16	Big Shrimp/Prawn	0	0.00	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	81	0.39	**2567**	**0.12**
17	Small Shrimp/Prawn	7	0.02	24	0.05	0	0.00	6	0.03	0	0.00	0	0.00	0	0.00	**3179**	**0.15**
18	Tilapia/Nilotica	9487	28.58	3732	7.22	217	15.62	5385	27.62	7413	31.42	731	6.58	4085	19.39	**329316**	**15.20**
19	Sarpunti/Thai punti	428	1.29	712	1.38	23	1.66	3080	15.80	1639	6.95	223	2.01	2072	9.84	**52062**	**2.40**
20	Cuchia	0	0.00	6	0.01	1	0.07	8	0.04	15	0.06	9	0.08	5	0.02	**251**	**0.01**
21	Other Inland Fish	174	0.52	616	1.19	83	5.98	187	0.96	460	1.95	21	0.19	218	1.03	**78313**	**3.61**
	TOTAL	**33190**	**100**	**51657**	**100**	**1389**	**100**	**19496**	**100**	**23596**	**100**	**11112**	**100**	**21066**	**100**	**2166715**	**100**

Table 3.20. Annual Fish Production of Seasonal Cultured Waterbodies in 2021-22

[Area in Hectare] *[Production in Metric Ton]*

Sl. No.	District	Fish Culture in Floodplain & Paddy Field		Fish Culture in Borrow Pit		Total	
		Area	Production	Area	Production	Area	Production
1	Dhaka	1913	3529	11	12	1924	3541
2	Faridpur	9402	5451	387	861	9789	6312
3	Gazipur	3562	8355	2	6	3564	8361
4	Gopalganj	2238	3059	149	203	2387	3262
5	Kishoreganj	833	1055	1	3	834	1058
6	Madaripur	134	210	0	0	134	210
7	Manikganj	2985	3017	13	14	2998	3031
8	Munshiganj	5800	4298	3	4	5803	4302
9	Narayanganj	3335	2892	188	491	3523	3383
10	Narsingdi	472	749	19	84	491	833
11	Rajbari	2000	2368	195	347	2195	2715
12	Shariatpur	739	732	0	0	739	732
13	Tangail	1449	2174	138	266	1587	2440
Dhaka Division		**34862**	**37889**	**1106**	**2291**	**35968**	**40180**
14	Jamalpur	1425	1517	0	0	1425	1517
15	Mymensingh	877	961	299	297	1176	1258
16	Netrakona	3204	3235	19	40	3223	3275
17	Sherpur	739	1023	6	5	745	1028
Mymensingh Division		**6245**	**6736**	**324**	**342**	**6569**	**7078**
18	Bagerhat	1641	1522	173	356	1814	1878
19	Chuadanga	1010	1382	11	32	1021	1414
20	Jashore	12333	25211	87	91	12420	25302
21	Jhenaidah	2040	2363	1016	1929	3056	4292
22	Khulna	879	810	304	275	1183	1085
23	Kushtia	397	395	1977	3505	2374	3900
24	Magura	141	58	4	9	145	67
25	Meherpur	215	213	1	1	216	214
26	Narail	0	0	345	630	345	630
27	Satkhira	3005	1761	258	193	3263	1954
Khulna Division		**21661**	**33715**	**4176**	**7021**	**25837**	**40736**
28	Barguna	627	586	36	63	663	649
29	Barishal	12573	8022	0	0	12573	8022
30	Bhola	87	29	136	405	223	434
31	Jhalokati	448	582	0	0	448	582
32	Patuakhali	79	103	94	141	173	244
33	Pirojpur	1569	698	718	378	2287	1076
Barishal Division		**15383**	**10020**	**984**	**987**	**16367**	**11007**

Cont'd....

Sl. No.	District	Fish Culture in Floodplain & Paddy Field		Fish Culture in Borrow Pit		Total	
		Area	Production	Area	Production	Area	Production
34	Dinajpur	1378	1488	394	664	1772	2152
35	Gaibandha	1536	864	196	439	1732	1303
36	Kurigram	3495	4226	452	941	3947	5167
37	Lalmonirhat	2843	4290	125	471	2968	4761
38	Nilphamari	1194	1280	78	124	1272	1404
39	Panchagarh	71	109	17	29	88	138
40	Rangpur	2781	4433	57	129	2838	4562
41	Thakurgaon	282	470	0	0	282	470
Rangpur Division		**13580**	**17160**	**1319**	**2797**	**14899**	**19957**
42	Bogura	442	512	80	214	522	726
43	ChapaiNawabganj	76	119	71	144	147	263
44	Joypurhat	64	39	172	567	236	606
45	Naogaon	604	556	55	141	659	697
46	Natore	32	48	98	208	130	256
47	Pabna	707	792	1103	2452	1810	3244
48	Rajshahi	5990	5727	320	682	6310	6409
49	Sirajganj	285	312	335	840	620	1152
Rajshahi Division		**8200**	**8105**	**2234**	**5248**	**10434**	**13353**
50	Bandarban	0	0	335	368	335	368
51	Brahmanbaria	1506	1666	29	66	1535	1732
52	Chandpur	716	1861	362	951	1078	2812
53	Chattogram	850	950	1535	2695	2385	3645
54	Cumilla	26739	81710	181	318	26920	82028
55	Cox's Bazar	96	109	33	54	129	163
56	Feni	417	347	37	78	454	425
57	Khagrachhari	0	0	282	405	282	405
58	Lakshmipur	137	227	320	631	457	858
59	Noakhali	746	906	110	233	856	1139
60	Rangamati	0	0	371	563	371	563
Chattogram Division		**31207**	**87776**	**3595**	**6362**	**34802**	**94138**
61	Habiganj	1212	1136	38	79	1250	1215
62	Moulvibazar	158	111	414	693	572	804
63	Sunamganj	760	1212	418	480	1178	1692
64	Sylhet	728	950	400	582	1128	1532
Sylhet Division		**2858**	**3409**	**1270**	**1834**	**4128**	**5243**
TOTAL		**133996**	**204810**	**15008**	**26882**	**149004**	**231692**

Source	Area (Ha)	Production (MT)	MT/Ha	*% Of* Production	*Growth Rate (%)*
Floodplain/Paddy field	133996	204810	1.53	**88.40**	***2.22***
Borrow Pit	15008	26882	1.79	**11.60**	***2.41***
Total	**149004**	**231692**	1.55	**100**	***2.24***

Table 3.21. Species Composition of Fish Production of Seasonal Cultured Waterbodies in 2021-22

Sl. No.	Species	Total Catch (Metric Ton)	%
1	Rui *(Labeo rohita)*	54332	*23.45*
2	Catla *(Catla catla)*	24235	*10.46*
3	Mrigal *(Cirrhinus cirrhosus)*	25718	*11.10*
4	Kalibaus *(Labeo calbasu)*	440	*0.19*
5	Bata (*Labeo bata)*	10542	*4.55*
6	Ghania *(Labeo gonius)*	2595	*1.12*
7	Silver Carp *(Hypophthalmichthys molitrix)*	37279	*16.09*
8	Grass Carp *(Ctenopharyngodon idella)*	12117	*5.23*
9	Common Carp *(Cyprinus carpio)*	23725	*10.24*
10	Other Exotic Carp	0	*0.00*
11	Pangas *(Pangasius pangasius)*	0	*0.00*
12	Boal/Ayre/Guizza Ayre *(Wallago attu/ Sperata aor/Sperata seenghala)*	116	*0.05*
13	Shol/Gazar/Taki *(Channa striatus/C. marulius/C. punctatus)*	278	*0.12*
14	Koi *(Anabas testudineus)*	1460	*0.63*
15	Shingi/Magur *(Heteropneustes fossilis/Clarias batrachus)*	70	*0.03*
16	Tilapia/Nilotica (*Oreochromis mossambicus/O. niloticus)*	23563	*10.17*
17	Sarpunti *(Puntius sarana)*	8364	*3.61*
18	Cuchia *(Monopterus cuchia)*	186	*0.08*
19	Other Inland Fish	4819	*2.08*
20	Big Prawn	741	*0.32*
21	Small Prawn	1112	*0.48*
	TOTAL	**231692**	***100***

Table 3.22. Annual Fish Production of Baors in 2021-22

Sl. No.	District	Area (Ha)	Production (Metric Ton)
1	Faridpur	437	812
2	Gopalganj	791	814
3	Madaripur	1119	1464
4	Rajbari	14	33
Dhaka Division		**2361**	**3123**
5	Bagherhat	90	18
6	Chuadanga	498	1650
7	Jashore	1474	3834
8	Jhenaidah	881	2150
9	Kushtia	87	210
10	Magura	118	248
11	Meherpur	81	254
12	Satkhira	81	198
Khulna Division		**3310**	**8562**
TOTAL		**5671**	**11685**
Unit Production (MT/Ha)			***2.06***

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 in 2021-22

SL. No.	Species	Total Production (Metric Ton)	%
1	Rui	1682	*14.39*
2	Catla	981	*8.40*
3	Mrigal	680	*5.82*
4	Kalibaus	50	*0.43*
5	Bata	268	*2.29*
6	Ghania	23	*0.20*
7	Silver carp	1913	*16.37*
8	Grass carp	654	*5.60*
9	Mirror/Common carp	509	*4.36*
10	Other Exotic carp	58	*0.50*
11	Pangas	0	*0.00*
12	Boal/Ayre	164	*1.40*
13	Shol/Gazar/Taki	273	*2.34*
14	Koi	15	*0.13*
15	Shingi/Magur	13	*0.11*
16	Tilapia/Nilotica	453	*3.88*
17	Sarpunti/Thai punti	209	*1.79*
18	Cuchia	7	*0.06*
19	Other Inland Fish	3242	*27.74*
20	Big Shrimp/Prawn	18	*0.15*
21	Small Shrimp/Prawn	473	*4.04*
	TOTAL	**11685**	***100***

Table 3.24. Annual Production of Shrimp/Prawn Farms in 2021-22

District	Area (Ha)				Shrimp/ Prawn Production (MT)				Crab Produc -tion (MT)	Fish Produc-tion (MT)	Total Produc-tion (MT)
	Bagda	Galda	Crab	Total	Bagda	Galda	Other shrimp/ prawn	Total shrimp/ prawn			
Dhaka	0	1.25	0	1.25	0	0.05	0	0.05	0	4.80	**4.85**
Faridpur	0	9.40	0	9.40	0	3.71	0	3.71	0	10.35	**14.06**
Gazipur	0	1.20	0	1.20	0	0.32	0	0.32	0	4.90	**5.22**
Gopalganj	0	1440.55	0	1440.55	0	818.04	0	818.04	0	1432.60	**2250.64**
Kishoreganj	0	0.54	0	0.54	0	0.32	0	0.32	0	1.84	**2.16**
Madaripur	0	17.5	0	17.50	0	9.67	0	9.67	0	63.39	**73.06**
Manikganj	0	3.10	0	3.10	0	2.62	0	2.62	0	4.11	**6.73**
Munsiganj	0	0.66	0	0.66	0	0.50	0	0.50	0	3.00	**3.50**
Narayanganj	0	0.40	0	0.40	0	0.21	0	0.21	0	1.20	**1.41**
Narsingdi	0	0.52	0	0.52	0	0.41	0	0.41	0	1.51	**1.92**
Rajbari	0	0.91	0	0.91	0	0.52	0	0.52	0	3.30	**3.82**
Shariatpur	0	14.05	0	14.05	0	5.35	0	5.35	0	33.30	**38.65**
Tangail	0	0.95	0	0.95	0	0.47	0	0.47	0	4.14	**4.61**
Dhaka Div.	**0**	**1491.03**	**0**	**1491.03**	**0**	**842.19**	**0**	**842.19**	**0**	**1568.44**	**2410.63**
Jamalpur	0	0.42	0	0.42	0	0.21	0	0.21	0	1.61	**1.82**
Mymensingh	0	0.97	0	0.97	0	0.59	0	0.59	0	2.99	**3.58**
Netrakona	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Sherpur	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Mymensingh Div.	**0**	**1.39**	**0**	**1.39**	**0**	**0.80**	**0**	**0.80**	**0**	**4.60**	**5.40**
Bagerhat	52551	20173.30	1310	74034.30	18336.80	19115.70	2419.45	39871.95	3042	33176.00	**76089.95**
Chuadanga	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Jashore	1278	15634.16	65	16977.16	356.00	8988.00	89.50	9433.50	0.35	22157.00	**31590.85**
Jhenaidah	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Khulna	32998.33	19016.44	7325	59339.77	11224.35	11937.75	1960.40	25122.50	5850	39962.00	**70934.50**
Kushtia	0	1.00	0	1.00	0	0.27	0	0.27	0	0.47	**0.74**
Magura	0	11.11	0	11.11	0	3.95	0	3.95	0	42.07	**46.02**
Meherpur	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Narail	0	2327.00		2327.00	0	2100	218	2318.00	0	2280.00	**4598.00**
Satkhira	58294	9389.00	321	68004.00	24802.00	9014.50	4441.50	38258.00	1936	38474.00	**78668.00**
Khulna Div.	**145121.33**	**66552.01**	**9021**	**220694.34**	**54719.15**	**51160.17**	**9128.85**	**115008.17**	**10828.35**	**136091.54**	**261928.06**
Barguna	256.5	148.40	8	412.90	99	95.30	78.25	272.55	33.90	319.20	**625.65**
Barishal	0	1085.00	0	1085.00	0	467.50	65.5	533.00	0	2490.00	**3023.00**
Bhola	22.6	15.75	14	52.35	9.07	8.83	3.06	20.96	39	73.71	**133.67**
Jhalokati	0	48.30	0	48.30	0	24.68	0	24.68	0	153.00	**177.68**
Patuakhali	480	697.00	0	1177.00	177	422.00	393	992.00	0	2324.00	**3316.00**
Pirojpur	40	1035.00	6	1081.00	15	595.00	60	670.00	24.40	1832.00	**2526.40**
Barishal Div.	**799.10**	**3029.45**	**28**	**3856.55**	**300.07**	**1613.31**	**599.81**	**2513.19**	**97.30**	**7191.91**	**9802.40**
Dinajpur	0	2.22	0	2.22	0	0.85	0	0.85	0	9.15	**10.00**
Gaibandha	0	1.69	0	1.69	0	1.12	0	1.12	0	7.12	**8.24**
Kurigram	0	0.79	0	0.79	0	0.45	0	0.45	0	3.23	**3.68**
Lalmonirhat	0	0.80	0	0.80	0	0.43	0	0.43	0	2.30	**2.73**
Nilphamari	0	1.51	0	1.51	0	0.90	0	0.90	0	4.19	**5.09**
Panchagarh	0	0.96	0	0.96	0	0.24	0	0.24	0	1.60	**1.84**
Rangpur	0	5.28	0	5.28	0	5.02	0	5.02	0	15.91	**20.93**
Thakurgaon	0	0.56	0	0.56	0	0.28	0	0.28	0	2.12	**2.40**
Rangpur Div.	**0**	**13.81**	**0**	**13.81**	**0**	**9.29**	**0**	**9.29**	**0**	**45.62**	**54.91**

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District	Area (Ha)				Shrimp/ Prawn Production (MT)				Crab Produc-tion (MT)	Fish Produc-tion (MT)	Total Produc-tion (MT)
	Bagda	Galda	Crab	Total	Bagda	Galda	Other shrimp/ prawn	Total shrimp/ prawn			
Bogura	0	2.13	0	2.13	0	1.64	0	1.64	0	8.00	**9.64**
C.Nawabganj	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Joypurhat	0	5.84	0	5.84	0	1.83	0	1.83	0	21.23	**23.06**
Naogaon	0	1.91	0	1.91	0	1.50	0	1.50	0	7.02	**8.52**
Natore	0	1.45	0	1.45	0	0.32	0	0.32	0	5.85	**6.17**
Pabna	0	1.26	0	1.26	0	0.55	0	0.55	0	4.55	**5.10**
Rajshahi	0	4.24	0	4.24	0	2.02	0	2.02	0	16.72	**18.74**
Sirajganj	0	1.71	0	1.71	0	0.69	0	0.69	0	6.05	**6.74**
Rajshahi Div.	**0**	**18.54**	**0**	**18.54**	**0**	**8.55**	**0**	**8.55**	**0**	**69.42**	**77.97**
Bandarban	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Brahmanbaria	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Chandpur	0	47.00	0	47.00	0	43.80	0	43.80	0	144.00	**187.80**
Chattogram	3000	283.00	0	3283.00	800	207.00	179	1186.00	0	369.00	**1555.00**
Cumilla	0	35.56	0	35.56	0	29.11	15.20	44.31	0	110.12	**154.43**
Cox's Bazar	42125	139.60	287	42551.60	14394.55	290.98	2516.75	17202.28	2452.42	4380.42	**24035.12**
Feni	12	29.20	0	41.20	5	10.56	0	15.56	0	56.20	**71.76**
Khagrachhari	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Lakshmipur	0	146.90	0	146.90	0	66.73	10.20	76.93	0	96.90	**173.83**
Noakhali	0	130.50	17	147.50	0	65.87	0	65.87	18.52	331.27	**415.66**
Rangamati	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Chattogram Div.	**45137**	**811.76**	**304**	**46252.76**	**15199.55**	**714.05**	**2721.15**	**18634.75**	**2470.94**	**5487.91**	**26593.60**
Habiganj	0	4.82	0	4.82	0	3.86	0	3.86	0	14.99	**18.85**
Moulvibazar	0	0.32	0	0.32	0	0.24	0.03	0.27	0	1.45	**1.72**
Sunamganj	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Sylhet	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	**0.00**
Sylhet Div.	**0**	**5.14**	**0**	**5.14**	**0**	**4.10**	**0.03**	**4.13**	**0**	**16.44**	**20.57**
TOTAL	**191057.43**	**71923.13**	**9353**	**272333.56**	**70218.77**	**54352.46**	**12449.84**	**137021.07**	**13396.59**	**150475.88**	**300893.54**
%	70.16	26.41	3.43	100	23.34	18.06	4.14	45.54	4.45	50.01	100

Species	Area (Ha)			Production (MT)			Kg/Ha		*Growth Rate (%)*	
	2021-22	2020-21	Difference	2021-22	2020-21	Difference	2021-22	2020-21	2021-22	2020-21
Bagda	191057	191964	-907	70219	68704	1515	368	358	2.20	6.21
Galda	71923	71062	861	54352	50750	3602	756	714	7.10	-0.68
Other Shrimp /Prawn	0	0	0	12450	12054	396	47	46	3.28	2.01
Shrimp/Prawn Total	**262980**	**263026**	**-45**	**137021**	**131509**	**5513**	**521**	**500**	**4.19**	**3.06**
Fish	0	0	0	150476	146908	3568	572	559	2.43	3.08
Total	**262980**	**263026**	**-45**	**287497**	**278417**	**9081**	**1093**	**1059**	**3.26**	**3.07**
Crab	9353	9602	-249	13397	12337	1060	1432	1285	8.59	-1.79

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 since FY 2015-16.

Table 3.25. Species-wise Production of Shrimp/Prawn Farms in 2021-22

Sl. No.	Species	Total Production (Metric Ton)	%
1	Bagda *(Penaeus monodon)*	70219	*23.34*
2	Galda (*Macrobrachium rosenbergii)*	54352	*18.06*
3	Harina *(Metapenaeus monoceros)*	5257	*1.75*
4	Chaka *(Fenneropenaeus indicus)*	2685	*0.89*
5	Other Shrimp/Prawn	4508	*1.50*
Shrimp/Prawn Total		**137021**	***45.54***
6	Rui	32140	*10.68*
7	Catla	24004	*7.98*
8	Mrigal	4174	*1.39*
9	Kalibaus	0	*0.00*
10	Bata	2893	*0.96*
11	Ghania	212	*0.07*
12	Silver Carp	16137	*5.36*
13	Grass Carp	702	*0.23*
14	Mirror/Common Carp	660	*0.22*
15	Other Exotic Carp	0	*0.00*
16	Pangas	0	*0.00*
17	Boal/Ayre	0	*0.00*
18	Shol/Gazar/Taki	0	*0.00*
19	Koi .	0	*0.00*
20	Shingi/ Magur	0	*0.00*
21	Tilapia/Nilotica	43785	*14.55*
22	Thai Sarpunti	17281	*5.74*
23	Cuchia	277	*0.09*
24	Other Fish	8211	*2.73*
Fish Total		**150476**	***50.01***
25	Crab	13397	*4.45*
TOTAL		**300894**	***100***

Table 3.26. Sector-wise Annual Shrimp/Prawn Production in 2021-22

[Production in Metric Ton]

Sl. No.	Sector of Fisheries	Galda	Bagda	Harina	Chaka	Other Shrimp/ Prawn	Total
1	River	1305	49	3098	19	10339	14810
2	Sundarbans	200	209	0	0	528	937
3	Beel	62	0	0	0	4261	4323
4	Kaptai Lake	0	0	0	0	132	132
5	Floodplain	1746	0	0	0	46387	48133
6	Pond	2567	0	0	0	3179	5746
7	Seasonal Cultured Waterbody	741	0	0	0	1112	1853
8	Baor	18	0	0	0	473	491
9	Shrimp/Prawn Farm	54352	70219	5257	2685	4508	137021
10	Pen Culture	0	0	0	0	102	102
11	Cage Culture	0	0	0	0	0	0
Inland Total		**60991**	**70477**	**8355**	**2704**	**71021**	**213548**
12	Marine Industrial	0	251	1465	70	1515	3301
13	Marine Artisanal	0	2081	3607	3520	35097	44305
Marine Total		**0**	**2332**	**5072**	**3590**	**36612**	**47606**
TOTAL		**60991**	**72809**	**13427**	**6294**	**107633**	**261154**
Annual Growth Rate (%)		**6.92**	**2.47**	**3.33**	**2.98**	**2.74**	**3.65**

Table 3.27. Annual Fish Production of Pen Culture in 2021-22

District	Area (Ha)	Production (MT)	MT/Ha
Dhaka	1142	2049	*1.79*
Faridpur	585	1171	*2.00*
Gazipur	362	910	*2.51*
Gopalganj	2277	4141	*1.82*
Kishoreganj	354	936	*2.64*
Madaripur	751	1395	*1.86*
Manikganj	215	518	*2.41*
Munshiganj	96	201	*2.09*
Narayanganj	459	1062	*2.31*
Narsingdi	35	100	*2.86*
Rajbari	0	0	*0.00*
Shariatpur	3	4	*1.33*
Tangail	3	9	*3.00*
Dhaka Division	**6282**	**12496**	***1.99***
Jamalpur	0	0	*0.00*
Mymensingh	10	20	*2.00*
Netrakona	43	90	*2.09*
Sherpur	0	0	*0.00*
Mymensingh Division	**53**	**110**	***2.08***
Bagerhat	253	206	*0.81*
Chuadanga	0	0	*0.00*
Jashore	0	0	*0.00*
Jhenaidah	0	0	*0.00*
Khulna	0	0	*0.00*
Kushtia	0	0	*0.00*
Magura	0	0	*0.00*
Meherpur	0	0	*0.00*
Narail	0	0	*0.00*
Satkhira	0	0	*0.00*
Khulna Division	**253**	**206**	***0.81***
Barguna	8	18	*2.25*
Barishal	0	0	*0.00*
Bhola	0	0	*0.00*
Jhalokati	58	120	*2.07*
Patuakhali	3	5	*1.67*
Pirojpur	0	0	*0.00*
Barishal Division	**69**	**143**	***2.07***

District	Area (Ha)	Production (MT)	MT/Ha
Dinajpur	0	0	*0.00*
Gaibandha	161	334	*2.07*
Kurigram	197	355	*1.80*
Lalmonirhat	70	119	*1.70*
Nilphamari	16	30	*1.88*
Panchagarh	29	65	*2.24*
Rangpur	18	45	*2.50*
Thakurgaon	5	12	*2.40*
Rangpur Division	**496**	**960**	***1.94***
Bogura	25	62	*2.48*
Chapai Nawabganj	4	8	*2.00*
Joypurhat	0	0	*0.00*
Naogaon	0	0	*0.00*
Natore	6	15	*2.50*
Pabna	4	7	*1.75*
Rajshahi	0	0	*0.00*
Sirajganj	11	21	*1.91*
Rajshahi Division	**50**	**113**	***2.26***
Bandarban	0	0	*0.00*
Brahmanbaria	279	619	*2.22*
Chandpur	97	221	*2.28*
Chattogram	0	0	*0.00*
Cumilla	56	84	*1.50*
Cox's Bazar	0	0	*0.00*
Feni	4	7	*1.75*
Khagrachhari	0	0	*0.00*
Lakshmipur	0	0	*0.00*
Noakhali	0	0	*0.00*
Rangamati	53	74	*1.40*
Chattogram Division	**489**	**1005**	***2.06***
Habiganj	0	0	*0.00*
Moulvibazar	0	0	*0.00*
Sunamganj	10	18	*1.80*
Sylhet	6	12	*2.00*
Sylhet Division	**16**	**30**	***1.88***
TOTAL	**7708**	**15063**	***1.95***

Table 3.28. Annual Fish Production of Cage Culture in 2021-22

District	No. of Cage	Av. Size (Cubic meter)	Total Area (Cubic Meter)	Production (MT)	District	No. of Cage	Av. Size (Cubic meter)	Total Area (Cubic Meter)	Production (MT)
Dhaka	10	18.58	186	4	Dinajpur	0	0	0	0
Faridpur	30	18.58	557	15	Gaibandha	30	18.58	557	6
Gazipur	35	18.58	650	11	Kurigram	194	18.58	3605	86
Gopalganj	50	18.58	929	13	Lalmonirhat	20	18.58	372	6
Kishoreganj	10	18.58	186	4	Nilphamari	10	18.58	186	5
Madaripur	404	18.58	7506	181	Panchagarh	0	0	0	0
Manikganj	0	0	0	0	Rangpur	0	0	0	0
Munshiganj	0	0	0	0	Thakurgaon	0	0	0	0
Narayanganj	0	0	0	0	**Rangpur Division**	**254**	**18.58**	**4720**	**103**
Narsingdi	1335	18.58	24804	939	Bogura	24	18.58	446	10
Rajbari	40	18.58	743	6	C.Nawabganj	95	18.58	1765	33
Shariatpur	0	0	0	0	Joypurhat	10	18.58	186	4
Tangail	0	0	0	0	Naogaon	0	0	0	0
Dhaka Division	**1914**	**18.58**	**35561**	**1173**	Natore	10	18.58	186	4
Jamalpur	60	18.58	1115	19	Pabna	630	18.58	11705	311
Mymensingh	58	18.58	1078	21	Rajshahi	0	0	0	0
Netrakona	0	0	0	0	Sirajganj	2065	18.58	38368	1401
Sherpur	0	0	0	0	**Rajshahi Division**	**2834**	**18.58**	**52656**	**1763**
Mymensingh Division	**118**	**18.58**	**2193**	**40**	Bandarban	0	0	0	0
Bagerhat	10	18.58	186	3	Brahmanbaria	260	18.58	4831	129
Chuadanga	0	0	0	0	Chandpur	2440	18.58	45335	1020
Jashore	0	0	0	0	Chattogram	0	0	0	0
Jhenaidah	0	0	0	0	Cumilla	260	18.58	4831	243
Khulna	10	18.58	186	2	Cox's Bazar	0	0	0	0
Kushtia	0	0	0	0	Feni	20	18.58	372	5
Magura	0	0	0	0	Khagrachhari	0	0	0	0
Meherpur	40	18.58	743	18	Lakshmipur	220	18.58	4088	74
Narail	0	0	0	0	Noakhali	0	0	0	0
Satkhira	0	0	0	0	Rangamati	340	18.58	6317	109
Khulna Division	**60**	**18.58**	**1115**	**23**	**Chattogram Division**	**3540**	**18.58**	**65774**	**1580**
Barguna	210	18.58	3902	86	Habiganj	0	0	0	0
Barishal	129	18.58	2397	60	Moulvibazar	0	0	0	0
Bhola	280	18.58	5202	155	Sunamgonj	0	0	0	0
Jhalokati	20	18.58	372	10	Sylhet	0	0	0	0
Patuakhali	0	0	0	0	**Sylhet Division**	**0**	**0**	**0**	**0**
Pirojpur	53	18.58	985	28	**TOTAL**	**9412**	**18.58**	**174877**	**5021**
Barishal Division	**692**	**18.58**	**12858**	**339**					

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

Table 3.29. Species-wise Fish Production of Pen and Cage Culture in 2021-22

SL. No.	Species	Cage Culture		Pen Culture	
		Production (MT)	%	Production (MT)	%
1	Rui	-	-	2079	*13.80*
2	Catla	-	-	1448	*9.61*
3	Mrigal	-	-	1325	*8.80*
4	Kalibaus	-	-	166	*1.10*
5	Bata	-	-	355	*2.36*
6	Ghania	-	-	186	*1.23*
7	Silver carp	-	-	1129	*7.50*
8	Grass carp	-	-	374	*2.48*
9	Mirror/Common carp	-	-	328	*2.18*
10	Other Exotic carp	-	-	238	*1.58*
11	Pangas	-	-	387	*2.57*
12	Boal/Ayre	-	-	53	*0.35*
13	Shol/Gazar/Taki	-	-	54	*0.36*
14	Koi	-	-	18	*0.12*
15	Shingi/Magur	-	-	11	*0.07*
16	Big Shrimp/Prawn	-	-	0	*0.00*
17	Small Shrimp/Prawn	-	-	102	*0.68*
18	Tilapia/Nilotica	5021	100	3664	*24.32*
19	Sarpunti/Thai punti	-	-	1602	*10.64*
20	Cuchia	-	-	8	*0.05*
21	Other Inland Fish	-	-	1536	*10.20*
	TOTAL	**5021**	***100***	**15063**	***100***

Table 3.30 Annual Catch of Cuchia in 2021-22

District	Production (MT)		
	Culture	Capture	Total
Dhaka	3	37	40
Faridpur	2	62	64
Gazipur	0	75	75
Gopalganj	16	168	184
Kishoreganj	0	58	58
Madaripur	42	180	222
Manikganj	27	79	106
Munshiganj	5	92	97
Narayanganj	0	9	9
Narsingdi	3	1475	1478
Rajbari	3	197	200
Shariatpur	2	18	20
Tangail	0	30	30
Dhaka Division	**103**	**2480**	**2583**
Jamalpur	2	5	7
Mymensingh	21	62	83
Netrakona	4	88	92
Sherpur	5	19	24
Mymensingh Division	**32**	**174**	**206**
Bagerhat	16	154	170
Chuadanga	0	3	3
Jashore	21	33	54
Jhenaidah	0	5	5
Khulna	204	250	454
Kushtia	0	15	15
Magura	1	3	4
Meherpur	0	1	1
Narail	1	1	2
Satkhira	41	45	86
Khulna Division	**284**	**510**	**794**
Barguna	31	138	169
Barishal	64	887	951
Bhola	21	666	687
Jhalokati	10	135	145
Patuakhali	11	147	158
Pirojpur	16	29	45
Barishal Division	**153**	**2002**	**2155**

District	Production (MT)		
	Culture	Capture	Total
Dinajpur	37	16	53
Gaibandha	0	33	33
Kurigram	0	17	17
Lalmonirhat	0	6	6
Nilphamari	0	9	9
Panchagarh	2	18	20
Rangpur	2	167	169
Thakurgaon	6	11	17
Rangpur Division	**47**	**277**	**324**
Bogura	1	63	64
Chapai Nawaganj	0	24	24
Joypurhat	0	7	7
Naogaon	1	123	124
Natore	1	58	59
Pabna	0	157	157
Rajshahi	1	25	26
Sirajganj	0	304	304
Rajshahi Division	**4**	**761**	**765**
Bandarban	2	3	5
Brahmanbaria	0	12	12
Chandpur	8	76	84
Chattogram	8	306	314
Cumilla	15	55	70
Cox's Bazar	11	84	95
Feni	8	25	33
Khagrachhari	2	6	8
Lakshmipur	0	28	28
Noakhali	7	29	36
Rangamati	2	15	17
Chattogram Division	**63**	**639**	**702**
Habiganj	8	970	978
Moulvibazar	21	19	40
Sunamgonj	9	555	564
Sylhet	5	372	377
Sylhet Division	**43**	**1916**	**1959**
TOTAL	**729**	**8759**	**9488**

Table 3.31. Annual Catch of Hilsa in Inland and Marine Fisheries in 2021-22

[Unit: Metric Ton]

District	Principal River						Other River	River Total	Sundar bans	Inland Total	Marine Total	District Total
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma Putra						
Dhaka	0	0	94	0	0	0	0	94	0	94	0	**94**
Faridpur	0	0	356	0	0	0	0	356	0	356	0	**356**
Gazipur	0	0	0	0	0	0	0	0	0	0	0	**0**
Gopalganj	0	0	0	0	0	0	8	8	0	8	0	**8**
Kishoreganj	0	109	0	0	0	0	0	109	0	109	0	**109**
Madaripur	0	0	187	0	0	0	0	187	0	187	0	**187**
Manikganj	0	0	1117	0	0	0	0	1117	0	1117	0	**1117**
Munshiganj	0	390	698	0	0	0	0	1088	0	1088	0	**1088**
Narayanganj	0	105	0	0	0	0	0	105	0	105	0	**105**
Narsingdi	0	201	0	0	0	0	0	201	0	201	0	**201**
Rajbari	0	0	510	301	0	0	0	811	0	811	0	**811**
Shariatpur	1571	0	2874	0	0	0	0	4445	0	4445	0	**4445**
Tangail	0	0	0	0	152	0	0	152	0	152	0	**152**
Dhaka Division	**1571**	**805**	**5836**	**301**	**152**	**0**	**8**	**8673**	**0**	**8673**	**0**	**8673**
Jamalpur	0	0	0	0	72	4	0	76	0	76	0	**76**
Mymensingh	0	0	0	0	0	0	0	0	0	0	0	**0**
Netrakona	0	0	0	0	0	0	0	0	0	0	0	**0**
Sherpur	0	0	0	0	0	0	0	0	0	0	0	**0**
Mymensingh Division	**0**	**0**	**0**	**0**	**72**	**4**	**0**	**76**	**0**	**76**	**0**	**76**
Bagerhat	0	0	0	0	0	0	836	836	53	889	1010	**1899**
Chuadanga	0	0	0	0	0	0	0	0	0	0	0	**0**
Jashore	0	0	0	0	0	0	0	0	0	0	0	**0**
Jhenaidah	0	0	0	0	0	0	0	0	0	0	0	**0**
Khulna	0	0	0	0	0	0	973	973	412	1385	853	**2238**
Kushtia	0	0	0	8	0	0	0	8	0	8	0	**8**
Magura	0	0	0	0	0	0	0	0	0	0	0	**0**
Meherpur	0	0	0	0	0	0	0	0	0	0	0	**0**
Narail	0	0	0	0	0	0	4	4	0	4	0	**4**
Satkhira	0	0	0	0	0	0	0	0	222	222	0	**222**
Khulna Division	**0**	**0**	**0**	**8**	**0**	**0**	**1813**	**1821**	**687**	**2508**	**1863**	**4371**
Barguna	0	0	0	0	0	0	3447	3447	0	3447	72111	**75558**
Barishal	34365	0	0	0	0	0	2510	36875	0	36875	2016	**38891**
Bhola	85060	0	0	0	0	0	3035	88095	0	88095	90810	**178905**
Jhalokati	0	0	0	0	0	0	1075	1075	0	1075	0	**1075**
Patuakhali	0	0	0	0	0	0	29523	29523	0	29523	42578	**72101**
Pirojpur	0	0	0	0	0	0	1441	1441	0	1441	1880	**3321**
Barishal Division	**119425**	**0**	**0**	**0**	**0**	**0**	**41031**	**160456**	**0**	**160456**	**209395**	**369851**

Cont'd....

[Unit: Metric Ton]

District	Principal River						Other River	River Total	Sundar Bans	Inland Total	Marine Total	District Total
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma Putra						
Dinajpur	0	0	0	0	0	0	0	0	0	0	0	**0**
Gaibandha	0	0	0	0	6	6	0	12	0	12	0	**12**
Kurigram	0	0	0	0	0	302	0	302	0	302	0	**302**
Lalmonirhat	0	0	0	0	0	0	0	0	0	0	0	**0**
Nilphamari	0	0	0	0	0	0	0	0	0	0	0	**0**
Panchagarh	0	0	0	0	0	0	0	0	0	0	0	**0**
Rangpur	0	0	0	0	0	0	0	0	0	0	0	**0**
Thakurgaon	0	0	0	0	0	0	0	0	0	0	0	**0**
Rangpur Division	**0**	**0**	**0**	**0**	**6**	**308**	**0**	**314**	**0**	**314**	**0**	**314**
Bogura	0	0	0	0	4	0	0	4	0	4	0	**4**
Chapai Nawabganj	0	0	0	18	0	0	0	18	0	18	0	**18**
Joypurhat	0	0	0	0	0	0	0	0	0	0	0	**0**
Naogaon	0	0	0	0	0	0	0	0	0	0	0	**0**
Natore	0	0	0	13	0	0	0	13	0	13	0	**13**
Pabna	0	0	0	78	40	0	0	118	0	118	0	**118**
Rajshahi	0	0	0	129	0	0	0	129	0	129	0	**129**
Sirajganj	0	0	0	0	299	0	0	299	0	299	0	**299**
Rajshahi Division	**0**	**0**	**0**	**238**	**343**	**0**	**0**	**581**	**0**	**581**	**0**	**581**
Bandarban	0	0	0	0	0	0	0	0	0	0	0	**0**
Brahmanbaria	0	227	0	0	0	0	0	227	0	227	0	**227**
Chandpur	31323	0	0	0	0	0	2769	34092	0	34092	0	**34092**
Chattogram	0	0	0	0	0	0	6173	6173	0	6173	55056	**61229**
Cumilla	0	0	0	0	0	0	0	0	0	0	0	**0**
Cox's Bazar	0	0	0	0	0	0	2190	2190	0	2190	39079	**41269**
Feni	0	0	0	0	0	0	58	58	0	58	14	**72**
Khagrachhari	0	0	0	0	0	0	0	0	0	0	0	**0**
Lakshmipur	19884	0	0	0	0	0	164	20048	0	20048	3602	**23650**
Noakhali	9254	0	0	0	0	0	60	9314	0	9314	12862	**22176**
Rangamati	0	0	0	0	0	0	0	0	0	0	0	**0**
Chattogram Division	**60461**	**227**	**0**	**0**	**0**	**0**	**11414**	**72102**	**0**	**72102**	**110613**	**182715**
Habiganj	0	0	0	0	0	0	1	1	0	1	0	**1**
Moulvibazar	0	0	0	0	0	0	0	0		0	0	**0**
Sunamganj	0	0	0	0	0	0	6	6	0	6	0	**6**
Sylhet	0	0	0	0	0	0	5	5	0	5	0	**5**
Sylhet Division	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**12**	**0**	**12**	**0**	**12**
COUNTRY TOTAL	**181457**	**1032**	**5836**	**547**	**573**	**312**	**54278**	**244035**	**687**	**244722**	**321871**	**566593**
%	*32.03*	*0.18*	*1.03*	*0.10*	*0.10*	*0.06*	*9.58*	*43.07*	*0.12*	43.19	56.81	**100**

[Unit: Metric Ton]

Sector	2021-22			2020-21	
	Production	Production Increased/decreased	*Growth Rate (%)*	Production	*Growth Rate (%)*
River	244035	-6812	*-2.72*	250847	*2.40*
Sundarbans	687	-56	*-7.54*	743	*-16.52*
Marine Industrial	11046	3265	*41.96*	7781	*-19.08*
Marine Artisanal	310825	5013	*1.64*	305812	*3.68*
Total	**566593**	**1410**	***0.25***	**565183**	***2.68***

Table 3.32. Annual Catch of Marine Fisheries in 2021-22

Type of Fishing	Number of Craft (Trawler/ Boat)	Number of Unit (Gear/Net)	Catch in Metric Ton				
			Shrimp	Hilsa	Tuna & Tuna Like Fish	Other Fish	Total
A. INDUSTRIAL							
Trawl Fishing							
a) Shrimp Trawler	32	90	2218	0	0	2390	4608
b) Fish Trawler	199	570	1083	11046	411	120022	132562
TOTAL INDUSTRIAL (A)	**231**	**660**	**3301**	**11046**	**411**	**122412**	**137170**
B. ARTISANAL							
1. Gill Net Fishing							
a) Mechanized	20359	77768	0	283700	5717	65505	354922
b) Non-mechanized	16831	40585	0	27125	0	10904	38029
SUB TOTAL	**37190**	**118353**	**0**	**310825**	**5717**	**76409**	**392951**
2. Set Bag Net Fishing							
a) Seasonal (MB)	10000	22404	40802	0	2560	106343	149705
b) Seasonal (NMB)	5200	10000	0	0	0	0	0
c) All Seasonal (NMB)	5550	10025	812	0	0	509	1321
SUB TOTAL	**20750**	**42429**	**41614**	**0**	**2560**	**106852**	**151026**
3. Long Line Fishing							
a) Jew Fish Long Line							
i. Mechanized	2500	10191	0	0	770	17479	18249
ii. Non- mechanized	400	900	0	0	0	350	350
b) Other Long Line (NMB)	325	772	0	0	0	258	258
SUB-TOTAL	**3225**	**11863**	**0**	**0**	**770**	**18087**	**18857**
4. Trammel Net Fishing (NMB)	131	422	991	0	0	2090	3081
5. Other Gears Fishing (NMB)	6373	15640	1700	0	0	1245	2945
TOTAL ARTISANAL (B)	**67669**	**188707**	**44305**	**310825**	**9047**	**204683**	**568860**
GRAND TOTAL (A+B)	**67900**	**189367**	**47606**	**321871**	**9458**	**327095**	**706030**

- **Annual *Growth Rate: 3.64%, (Hilsa: 2.64%; Shrimp: 2.83%, Tuna & Tuna Like Fish -57.26% and other species: -9.32%)***
- **Annual *Growth Rate (Industrial): 15.15%; (Artisanal): 1.20%***
- **Tuna & Tuna Like Fish is incorporate separetly from 2020-21**

Trawler		Boat		Gear	
Type	Number	Type	Number	Type	Number
Shrimp Trawler	32	**MB** *(Mechanized Boat)*	32859	Gill Net	118353
Fish Trawler	199	**NMB** *(Non-Mechanized Boat)*	34810	Set Bag Net	42429
				Long Line	11863
				Trammel Net	422
				Other Gear	15640
Total	**231**		**67669**		**188707**

Table 3.33. Species-wise Catch of Marine Fisheries in 2021-22

[Unit: Metric Ton]

Type of Fishing	Shrimp (A)	Hilsa (B)	Tuna & Tuna Like Fish (C)	Other Species									Grand Total (A+B+C +D)
				Sardine	Bombay Duck	Indian Salmon	Pom fret	Jew Fish	Cat Fish	Shark/ Skate/ Ray	Other Marine Fish	Total (D)	
A. INDUSTRIAL													
Trawl Fishing	**3301**	**11046**	**411**	**37720**	**2787**	**0**	**1137**	**5080**	**4198**	**3915**	**67574**	**122412**	**137170**
B. ARTISANAL													
1. Gill Net Fishing													
a) Mechanized	0	283700	5717	702	11400	150	4078	24507	3078	1670	19920	65505	**354922**
b) Non- mechanized	0	27125	0	0	70		256	2400	96	46	8036	10904	**38029**
SUB-TOTAL	**0**	**310825**	**5717**	**702**	**11470**	**150**	**4334**	**26907**	**3174**	**1716**	**27956**	**76409**	**392951**
2. Set Bag Net Fishing													
a) Seasonal	40802	0	2560	10	68120	0	5966	3512	60	113	28562	106343	**149705**
b) All Seasonal	812	0	0	0	125	0	43	0	24	23	294	509	**1321**
SUB-TOTAL	**41614**	**0**	**2560**	**10**	**68245**	**0**	**6009**	**3512**	**84**	**136**	**28856**	**106852**	**151026**
3. Long Line Fishing													
a) Jew Fish Long Line													
i. Mechanized	0	0	770	0	0	30	0	4759	6249	1204	5237	17479	**18249**
ii. Non Mechanized	0	0	0	0	0	19	0	115	114	32	70	350	**350**
b) Other Long Line	0	0	0	0	0	0	0	70	137	14	37	258	**258**
SUB-TOTAL	**0**	**0**	**770**	**0**	**0**	**49**	**0**	**4944**	**6500**	**1250**	**5344**	**18087**	**18857**
4.Trammel Net Fishing	991	0	0	0	30	0	0	753	450	0	857	2090	**3081**
5. Other Gears' Fishing	1700	0	0	0	128	0	0	160	160	0	797	1245	**2945**
TOTAL ARTISANAL	**44305**	**310825**	**9047**	**712**	**79873**	**199**	**10343**	**36276**	**10368**	**3102**	**63810**	**204683**	**568860**
***GRAND TOTAL* (Industrial+ Artisanal)**	**47606**	**321871**	**9458**	**38432**	**82660**	**199**	**11480**	**41356**	**14566**	**7017**	**131384**	**327095**	**706030**
%	***6.74***	***45.59***	***1.34***	***5.44***	***11.71***	***0.03***	***1.63***	***5.86***	***2.06***	***0.99***	***18.61***	***46.33***	***100***

Species-wise Annual Shrimp Catch in Marine Fisheries

Sector	Bagda (Tiger)	Harina (Brown)	Chaka (White)	Others	Total	Growth Rate (%)
Trawl Fishing	251	1465	70	1515	**3301**	*7.56*
Artisanal Fishing	2081	3607	3520	35097	**44305**	*2.49*
TOTAL	**2332**	**5072**	**3590**	**36612**	**47606**	***2.83***

Table 3.34. Annual Carp Hatchling Production in 2021-22

Source of Production	No. of Hatchery	Hatchling Production (Kg)	%
1. Natural			
Jamuna River	-	907	-
Padma River	-	575	-
Arialkha River	-	95	-
Brahmaputra River	-	7	-
Garai/Madhumati River	-	142	-
Surma	-	0	-
Halda River	-	129	-
Natural Total		**1855**	*0.29*
2. Artificial			
Govt. Hatchery	110	15799	*2.51*
Private Hatchery	874	611787	*97.20*
Artificial Total	**984**	**627586**	***99.71***
TOTAL	**984**	**629441**	*100*

Note: ***Hatchling of 4-5 days old. Growth rate of Natural Hatchling is -13.80 and Artificial is -6.21%***

Table 3.35. Annual PL (Post Larvae) Production in 2021-22

Source of Production	Galda Hatchery		Bagda Hatchery		Total	
	No. of Hatchery	PL Production (Crore)	No. of Hatchery	PL Production (Crore)	No. of Hatchery	PL Production (Crore)
Govt. Hatchery (DoF)	27	0.32	0	0	27	0.32
Govt. Hatchery (BFRI)	1	3.40	0	0	1	3.40
Private Hatchery	11	3.00	50	833	61	836.00
TOTAL	**39**	**6.72**	**50**	**833**	**89**	**839.72**

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

Table 3.36. Hatchling Production of Government Hatchery in 2022

Name/Location of Hatchery	No. of Hatchery	Hatchling Production (Kg)									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Punti	Bata	Koi	Shingi/ Magur	Other	Total	
Division-wised Fish Seed Multiplication Farm (DoF)											
1. Dhaka	13	812	409	0	100	130	5	48	28	1532	0.40
2. Mymensingh	9	1072	307	0	224	102	0	25	30	1760	0.00
3. Khulna	14	1498	1109	0	0	63	0	25	62	2757	1.00
4. Barishal	10	425	20	0	0	0	0	5	5	455	1.50
5. Rangpur	16	1085	732	0	190	287	10	45	28	2377	0.20
6. Rajshahi	17	1625	661	65	59	207	0	0	127	2744	1.60
7. Chattogram	17	1555	451	5	182	16	78	31	75	2393	2.77
8. Sylhet	6	690	103	0	148	15	0	30	34	1020	2.16
TOTAL	**102**	**8762**	**3792**	**70**	**903**	**820**	**93**	**209**	**389**	**15038**	**9.63**
* BFRI	8	493	64	12	26	6	3	3	154	761	5.15
TOTAL	**110**	**9255**	**3856**	**82**	**929**	**826**	**96**	**212**	**543**	**15799**	**14.78**

Table 3.37. Hatchling Production of Private Hatchery in 2021-22

Division	No. of Hatchery	Hatchling Production (Kg)									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Punti	Bata	Koi	Shingi/ Magur	Other	Total	
1. Dhaka	44	10536	3066	485	1790	2322	742	340	1079	20360	553
2. Mymensingh	344	92522	32593	4700	15200	6075	3096	27238	9847	191271	1929
3. Khulna	93	48090	35070	424	1683	3097	346	414	4158	93282	19934
4. Barishal	28	11102	3836	319	2500	491	595	437	205	19485	1300
5. Rangpur	62	20746	19227	0	3762	8172	515	1900	965	55287	385
6. Rajshahi	191	69452	50625	12695	6497	13354	2348	9036	4837	168844	22650
7. Chattogram	96	28754	13168	5492	1037	283	179	65	3630	52608	865
8. Sylhet	16	6005	3046	0	1107	492	0	0	0	10650	755
TOTAL	**874**	**287207**	**160631**	**24115**	**33576**	**34286**	**7821**	**39430**	**24721**	**611787**	**48371**

Note: (1) About four lakh hatchlings contain in one kg spawn and one kg contains 1000-1200 Tilapia juvenile

(2) *Other Species: Ghonia, Chital, Gulsa, Pabda etc.*

(3) No. of Hatchery mentioned which is under operation only

*** including BFRI substation's hatchery.**

Table 3.38. District-wise Annual Hatchlings Production of Private Hatchery in 2021-22

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	6	2425	896	0	690	770	0	0	200	4981	17
Faridpur	2	230	70	0	50	80	0	0	0	430	0
Gazipur	5	710	0	0	0	0	0	0	0	710	356
Gopalganj	1	700	200	0	100	150	0	0	0	1150	0
Kishoreganj	8	1920	985	485	370	210	70	35	545	4620	180
Madaripur	1	300	140	0	40	50	0	0	0	530	0
Manikganj	4	1780	325	0	100	365	0	0	21	2591	0
Munshiganj	0	0	0	0	0	0	0	0	0	0	0
Narayanganj	0	0	0	0	0	0	0	0	0	0	0
Narsingdi	9	260	60	0	100	0	672	305	263	1660	0
Rajbari	3	900	200	0	0	50	0	0	0	1150	0
Shariatpur	0	0	0	0	0	0	0	0	0	0	0
Tangail	5	1311	190	0	340	647	0	0	50	2538	0
Dhaka Division	**44**	**10536**	**3066**	**485**	**1790**	**2322**	**742**	**340**	**1079**	**20360**	**553**
Jamalpur	12	1357	840	0	240	640	0	85	45	3207	0
Mymensingh	295	89440	31385	4700	14830	5260	2654	22810	8337	179416	1242
Netrakona	28	320	155	0	0	0	442	4303	1445	6665	0
Sherpur	9	1405	213	0	130	175	0	40	20	1983	687
Mymensingh Division	**344**	**92522**	**32593**	**4700**	**15200**	**6075**	**3096**	**27238**	**9847**	**191271**	**1929**
Bagerhat	3	308	0	0	0	0	0	0	1391	1699	50
Chuadanga	1	0	0	0	0	0	0	0	1650	1650	91
Jashore	49	37080	30720	100	1015	1045	346	414	20	70740	810
Jhenaidah	0	0	0	0	0	0	0	0	0	0	0
Khulna	4	3691	1477	274	410	488	0	0	499	6839	14635
Kushtia	12	4693	1282	0	0	1045	0	0	0	7020	2250
Magura	2	22	30	0	0	0	0	0	3	55	106
Meherpur	2	390	277	0	45	140	0	0	23	875	0
Narail	1	636	712	0	173	304	0	0	0	1825	0
Satkhira	19	1270	572	50	40	75	0	0	572	2579	1992
Khulna Division	**93**	**48090**	**35070**	**424**	**1683**	**3097**	**346**	**414**	**4158**	**93282**	**19934**
Barguna	2	0	0	0	0	0	0	0	0	0	85
Barishal	10	2660	1830	94	783	480	500	287	205	6839	1172
Bhola	8	4635	0	0	0	0	0	0	0	4635	0
Jhalokati	1	192	271	0	72	11	0	0	0	546	0
Patuakhali	6	3615	1735	225	1645	0	95	150	0	7465	31
Pirozpur	1	0	0	0	0	0	0	0	0	0	12
Barishal Division	**28**	**11102**	**3836**	**319**	**2500**	**491**	**595**	**437**	**205**	**19485**	**1300**

Cont'd....

District	No. of Hatchery	Hatchling Production (Kg)									Tilapia Juvenile (Lakh)
		Major Carp	Exotic Carp	Pangas	Thai Punti	Bata	Koi	Shingi/ Magur	Other	Total	
Dinajpur	10	2084	2458	0	337	704	0	40	95	5718	200
Gaibandha	20	5580	3045	0	160	1490	390	1755	650	13070	70
Kurigram	16	3845	4175	0	935	2395	10	20	0	11380	25
Lalmonirhat	14	4174	4017	0	1857	3053	115	0	150	13366	90
Nilphamari	0	4563	4882	0	423	480	0	85	70	10503	0
Panchagarh	2	500	650	0	50	50	0	0	0	1250	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 Division	**62**	**20746**	**19227**	**0**	**3762**	**8172**	**515**	**1900**	**965**	**55287**	**385**
Bogura	122	41326	35551	9855	3694	9250	2305	7420	3239	112640	22100
Chapai Nawabganj	1	270	310	0	20	50	0	0	0	650	0
Joypurhat	11	4850	2580	255	1450	280	0	1300	1320	12035	0
Naogaon	25	2955	3346	2585	122	870	43	316	278	10515	0
Natore	6	1245	955	0	60	200	0	0	0	2460	0
Pabna	8	8700	950	0	405	782	0	0	0	10837	550
Rajshahi	11	3276	4113	0	248	626	0	0	0	8263	0
Sirajganj	7	6830	2820	0	498	1296	0	0	0	11444	0
Rajshahi Division	**191**	**69452**	**50625**	**12695**	**6497**	**13354**	**2348**	**9036**	**4837**	**168844**	**22650**
Bandarban	1	0	0	0	0	0	0	0	0	0	80
Brahmanbaria	3	380	425	355	235	0	0	40	50	1485	0
Chandpur	13	2270	610	60	346	65	41	0	0	3392	485
Chattogram	0	0	0	0	0	0	0	0	0	0	0
Cumilla	57	24086	11611	5077	405	215	138	25	3580	45137	0
Coxes Bazar	8	151	0	0	0	0	0	0	0	151	0
Feni	0	0	0	0	0	0	0	0	0	0	0
Khagrachhari	0	0	0	0	0	0	0	0	0	0	0
Lakshmipur	8	1341	331	0	0	0	0	0	0	1672	90
Noakhali	6	526	191	0	51	3	0	0	0	771	210
Rangamati	0	0	0	0	0	0	0	0	0	0	0
Chattogram Division	**96**	**28754**	**13168**	**5492**	**1037**	**283**	**179**	**65**	**3630**	**52608**	**865**
Habiganj	6	732	265	0	60	65	0	0	0	1122	0
Moulvibazar	6	4450	2750	0	900	427	0	0	0	8527	700
Sunamganj	3	780	0	0	130	0	0	0	0	910	0
Sylhet	1	43	31	0	17	0	0	0	0	91	55
Sylhet Division	**16**	**6005**	**3046**	**0**	**1107**	**492**	**0**	**0**	**0**	**10650**	**755**
TOTAL	**874**	**287207**	**160631**	**24115**	**33576**	**34286**	**7821**	**39430**	**24721**	**611787**	**48371**
%	-	*46.95*	*26.26*	*3.94*	*5.49*	*5.60*	*1.28*	*6.45*	*4.04*	*100*	-

- **Annual Growth Rate of Hatchlings: -6.83%; Growth rate of Tilapia Juvenile: -2.27%**

Table 3.39. Annual Carp Spawn/Fertilized Eggs Collected from Natural Sources in 2022

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 Rateof Spawn Tk/kg
1	2	3	4	5	6	7	8	9	10	11	12
Sirajganj	Sirajganj Sadar	Vatpiary, Panchasona, Hatboyra, Shimla, Soyasekha	Jamuna	50	65	148	20	May to June	3	320	2300
Sirajganj	Shahjadpur	Sonatali, Belotia, Tarotia	Jamuna	11	24	34	11	June to July	3	41	4000
Sirajganj	Chauhali	Khashkaolia, Basotia, Gorjan, Omarpur	Jamuna	8	16	20	8	June to July	2	245	1850
Sirajganj	Belkuchi	Khiramatia, Delua, Thakurpara, Jangalia	Jamuna	25	116	30	20	May to July	3	161	4160
Sirajganj	Kazirpur	Magai, Khudbandi, Shingrabari, Shuvagacha	Jamuna	8	18	82	3	May to June	2	80	2330
Pabna	Bera	Raksha, Nagarbari	Jamuna	10	10	30	4	April to June	3	60	4000
			Jamuna Total	***112***	***249***	***344***	***66***	-	-	***907***	-
Natore	Lalpur	Lakshmipur, Beelmatia	Padma	0	0	0	0	0	0	0	0
Pabna	Iswardi	Kamarpur, Sharagat, dadapur	Padma	15	10	12	2	April to June	3	25	3000
Rajshahi	Ghudaghari	Alipur, Chakpara, Kharijagati	Padma	7	60	35	7	June to July	2	95	4000
Rajshahi	Paba	Berpara, Shyampur, Char Khidirpur, Talaimari	Padma	16	32	140	10	June to July	2	40	5000
Rajshahi	Chargat	TangonShapur, Yousofpur, Raotha, Chargatbridge, Mongli	Padma	40	70	30	30	June to July	2	180	4000
Rajshahi	Bagha	Sharerhat, Alaipur, Morshidpur, Mirgonj	Padma	10	85	50	10	June to July	2	150	4000
Faridpur	Faridpur Sadar	North Channel, Decreer Char, C&B ghat	Padma	5	20	45	10	June to July	2	85	1650
			Padma Total	***93***	***277***	***312***	***69***	-	-	***575***	-
Faridpur	Sadarpur	Karalcandi, Char Valashia, Chandrapara, Chudhurihat	Arial Kha	6	25	44	8	May to June	2	95	1650
			Arialkha Total	***6***	***25***	***44***	***8***	-	-	***95***	-
Faridpur	Modhukhali	Kamarkhali Ghat	Gharai/Modhumati	9	22	50	9	June to July	2	65	1660
Magura	Sreepur	Kudla, Gangaramkhali	Gharai Nodi	4	8	4	2	July to Aug	1	25	3500
Magura	Mohammadpur	Babu Khali, Datiadaha, Mohammadpur	Modhumati	9	18	9	3	July to Aug	1	52	3500
			Gharai, Modhumati Total	***22***	***48***	***63***	***14***	-	-	***142***	-
Sylhet	Golapgonj	Hajipur	Surma	0	0	0	0	-	-	0	-
			Surma Total	***0***	***0***	***0***	***0***	-	-	***0***	-
Gaibandha	Shagatta	Munshir hat	Brahmaputra& Jamuna	2	6	4	2	June to July	1	4	2000
Gaibandha	Fulchari	3rd Ghat, Rasulpur	Brahmaputra	1	3	1	1	June to July	1	3	2000
			Brahmaputra Total	***3***	***9***	***5***	**3**	-	-	**7**	-
Chattogram	Hathazari	Ramdash Hat, MacuyaGhona, Amtua, Azimer Ghat	Halda	100	354	173	173	May to June	3	90.37	180000
Chattogram	Rawzan	SipahiGhona, kagotia,Noyahat	Halda	67	289	142	142	May to June	3	38.73	180000
			Halda Total	***167***	***643***	***315***	**315**			**129.10**	-
COUNTRY TOTAL				**403**	**1251**	**1083**	**475**			**1855.10**	-

Table 3.40. Year-wise Annual Export of Fish and Fish Product (*2002-03 to 2021-22*)

[Quantity in Metric Ton] *[Value in* Crore *Taka]* *[1 US Dollar = 108.18 Taka]*

Year	Frozen Shrimp/ Prawn		Live Fish		Frozen Fish		Chilled Fish		Dry fish		Salted/ dehydrated fish		Crab		Shark fin/ Fish Maws		Others		Total		% of Total Export (Value)
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value	
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	12685.98	204.48	8281.23	236.65	4123.55	94.99	2296.69	30.19	206.9	18.57	196.52	15.77	0.16	0.08	808.80	4.65	68305.68	4287.64	1.51
2017-18	36167.77	3527.07	11246.41	202.64	8265.26	276.29	8889.85	214.80	3143.93	42.59	213.62	26.60	188.92	14.89	0.50	0.12	819.46	4.96	68935.72	4309.94	1.50
2018-19	33362.52	3088.85	14592.29	293.69	9742.28	306.99	10364.15	262.04	2339.63	32.95	165.98	18.59	470.23	44.88	2134.23	26.54	0	0	73171.31	4074.52*	1.23
2019-20	30036.18	2948.94	11827	254.3	10008.7	321.76	11906.82	303.25	4141.49	54.21	139.4	15.43	589.50	57.85	2296	29.39	0	0	70945.39	3985.15	1.39
2020-21	30615.14	2730.56	3151.13	63.59	13022.82	419.48	16567.76	522.86	4691.47	62.58	79.43	7.68	6288.21	264.06	2175.73	18.16	0	0	76591.69	4088.96	1.24
2021-22	30571.4	3636.59	2871.54	126.95	8797.38	351.09	17329.51	551.68	3301.54	48.44	33.61	2.69	7729.99	393.86	3407.7	80.46	0	0	74042.67	5191.76	1.05

*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. Live fish (2015-16) is live Cuchia. Crab 7729.99 MT & Value 393.86 crore taka and Cuchia 2871.54 MT & Value 126.95 crore taka; *4250.31 crore taka (as per EPB data).*

Exported Frozen Shrimp/ Prawn in 2021-22

	Export Amount (MT)	Export Value (Crore Taka)
Galda	5772.08	865.83
Bagda	21403.13	2524.45
Others	3395.29	246.31
Total	30571.40	3636.59

Table 3.41. District wise Total Dry Fish Production of Inland and Marine Fisheries in 2021-22

[Unit: Metric Ton]

No.	District	River	Beel	Flood-plain	Kaptai Lake	Haor	Pond	Seasonal Culturaed Water body	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	Inland Total	Marine	Total
1	Dhaka	0	0.20	0.23	0	0	0	0	0	0	0	0	0.43	0	**0.43**
2	Faridpur	0	4.00	6.20	0	0	0	0	0	0	0	0	10.20	0	**10.20**
3	Gazipur	0	0	0	0	0	0	0	0	0	0	0	0.00	0	**0.00**
4	Gopalganj	0	21.00	27.00	0	0	0	0	1.80	0	0	0	49.80	0	**49.80**
5	Kishoreganj	34.00	331.65	486.10	0	143.00	0	0	0	0	0	0	994.75	0	**994.75**
6	Madaripur	0.10	0.50	6.82	0	0	0	0	0	0	0	0	7.42	0	**7.42**
7	Manikganj	0.20	0.50	1.50	0	0	0	0	0	0	0	0	2.20	0	**2.20**
8	Munshiganj	0.10	1.00	12.10	0	0	0	0	0	0	0	0	13.20	0	**13.20**
9	Narayanganj	0.10	0.50	0	0	0	0	0	0	0	0	0	0.60	0	**0.60**
10	Narsingdi	0.20	1.00	2.00	0	0	0	0	0	0	0	0	3.20	0	**3.20**
11	Rajbari	0	21.60	0	0	0	0	0	0	0	0	0	21.60	0	**21.60**
12	Shariatpur	0.20	0	0	0	0	0	0	0	0	0	0	0.20	0	**0.20**
13	Tangail	0	2.00	3.20	0	0	0	0	0	0	0	0	5.20	0	**5.20**
Dhaka Division		**34.90**	**383.95**	**545.15**	**0**	**143.00**	**0**	**0**	**1.80**	**0**	**0**	**0**	**1108.80**	**0**	**1108.80**
14	Jamalpur	0.30	7.00	1.84	0	0	0	0	0	0	0	0	9.14	0	**9.14**
15	Mymensingh	77.00	20.00	42.00	0	0	0	0	0	0	0	0	139.00	0	**139.00**
16	Netrakona	27.38	125.39	75.20	0	329.20	0	0	0	0	0	0	557.17	0	**557.17**
17	Sherpur	0.10	1.56	0.25	0	0	0	0.31	0	0	0	0	2.22	0	**2.22**
Mymensingh Division		**104.78**	**153.95**	**119.29**	**0**	**329.20**	**0**	**0.31**	**0**	**0**	**0**	**0**	**707.53**	**0**	**707.53**
18	Bagerhat	0	1.00	0	0	0	0	0	0	0	0	0	1.00	8735.90	**8736.90**
19	Chuadanga	0	9.00	1.00	0	0	0	0	0	0	0	0	10.00	0	**10.00**
20	Jashore	1.00	15.35	10.00	0	0	0	1.88	0	0	0	0	28.23	0	**28.23**
21	Jhenaidah	0.60	6.00	3.00	0	0	0	0	5.00	0	0	0	14.60	0	**14.60**
22	Khulna	45.00	0	0	0	0	0	0	0	0	0	0	45.00	158.00	**203.00**
23	Kushtia	12.00	0.50	2.00	0	0	0	0	0	0	0	0	14.50	0	**14.50**
24	Magura	1.00	0.40	11.00	0	0	0	0	0	0	0	0	12.40	0	**12.40**
25	Meherpur	0.29	0	0	0	0	0	0	0	0	0	0	0.29	0	**0.29**
26	Narail	0	62.80	0	0	0	0	0	0	0	0	0	62.80	0	**62.80**
27	Satkhira	0.50	0	0	0	0	0	0	0	0	0	0	0.50	221.00	**221.50**
Khulna Division		**60.39**	**95.05**	**27.00**	**0**	**0**	**0**	**1.88**	**5.00**	**0**	**0**	**0**	**189.32**	**9114.90**	**9304.22**
28	Barguna	0	0	0	0	0	0	0	0	0	0	0	0	314.00	**314.00**
29	Barishal	10.00	3.00	12.00	0	0	0	6.00	0	0	0	0	31.00	5.00	**36.00**
30	Bhola	26.00	0	0	0	0	0	0	0	0	0	0	26.00	259.00	**285.00**
31	Jhalokati	0.20	0	0	0	0	0	0	0	0	0	0	0.20	0	**0.20**
32	Patuakhali	0	0	0	0	0	0	0	0	0	0	0	0	349.00	**349.00**
33	Pirojpur	0	0	0	0	0	0	0	0	0	0	0	0	137.00	**137.00**
Barishal Division		**36.20**	**3.00**	**12.00**	**0**	**0**	**0**	**6.00**	**0**	**0**	**0**	**0**	**57.20**	**1064.00**	**1121.20**

Cont'd....

[Unit: Metric Ton]

No.	District	River	Beel	Flood-plain	Kaptai Lake	Haor	Pond	Seasonal Culturaed Water body	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	Inland Total	Marine	Total
34	Dinajpur	0.20	0.72	0	0	0	0	0	0	0	0	0	0.92	0	**0.92**
35	Gaibandha	0.30	0.50	0	0	0	0	0	0	0	0	0	0.80	0	**0.80**
36	Kurigram	4.98	0.84	0.70	0	0	0	0	0	0	0	0	6.52	0	**6.52**
37	Lalmonirhat	0.08	0.71	0.31	0	0	0	0	0	0	0	0	1.10	0	**1.10**
38	Nilphamari	0.41	0.43	0.41	0	0	0.29	0.32	0	0	0	0	1.86	0	**1.86**
39	Panchagarh	0.05	0.03	0.04	0	0	0.10	0	0	0	0	0	0.22	0	**0.22**
40	Rangpur	0.56	1.73	2.83	0	0	0	0	0	0	0	0	5.12	0	**5.12**
41	Thakurgaon	0	0.10	0	0	0	0	0	0	0	0	0	0.10	0	**0.10**
Rangpur Division		**6.58**	**5.06**	**4.29**	**0**	**0**	**0.39**	**0.32**	**0**	**0**	**0**	**0**	**16.64**	**0**	**16.64**
42	Bogura	0.20	0.62	2.10	0	0	0	0	0	0	0	0	2.92	0	**2.92**
43	C. Nawabganj	0	0.26	0	0	0	0	0	0	0	0	0	0.26	0	**0.26**
44	Joypurhat	0	0.10	0.20	0	0	0	0	0	0	0	0	0.30	0	**0.30**
45	Naogaon	33.77	161.30	43.50	0	0	0	7.60	0	0	0	0	246.17	0	**246.17**
46	Natore	39.00	62.00	216.00	0	0	0	0	0	0	0	0	317.00	0	**317.00**
47	Pabna	0.16	56.20	18.20	0	0	0	0	0	0	0	0	74.56	0	**74.56**
48	Rajshahi	1.50	9.00	0.49	0	0	0	0	0	0	0	0	10.99	0	**10.99**
49	Sirajganj	20.75	49.50	164.00	0	0	0	0.60	0	0	0	0	234.85	0	**234.85**
Rajshahi Division		**95.38**	**338.98**	**444.49**	**0**	**0**	**0**	**8.20**	**0**	**0**	**0**	**0**	**887.05**	**0**	**887.05**
50	Bandarban	0.20	0	0	0	0	0	0	0	0	0	0	0.20	0	**0.20**
51	Brahmnbaria	43.00	31.00	2189.00	0	124.00	0	0	0	0	0	0	2387.00	0	**2387.00**
52	Chandpur	2.40	0	29.50	0	0	0	2.30	0	0	0	0	34.20	0	**34.20**
53	Chattogram	19.87	0	0	0	0	0	0	0	0	0	0	19.87	3554.00	**3573.87**
54	Cumilla	22.87	15.00	11.60	0	0	1.34	0	0	0	0	0	50.81	0	**50.81**
55	Cox's Bazar	0	0	0	0	0	0	0	0	0	0	0	0	40351.00	**40351.00**
56	Feni	0	0	0.12	0	0	0	0	0	0	0	0	0.12	0	**0.12**
57	Khagrachhari	0.20	0	0	0	0	0	0	0	0	0	0	0.20	0	**0.20**
58	Lakshmipur	20.00	0	0	0	0	0	0	0	0	0	0	20.00	0	**20.00**
59	Noakhali	43.00	0	0	0	0	0	0	0	0	0	0	43.00	1385.00	**1428.00**
60	Rangamati	0	0	0	92.57	0	0	0	0	0	0	0	92.57	0	**92.57**
Chattogram Division		**151.54**	**46.00**	**2230.22**	**92.57**	**124.00**	**1.34**	**2.30**	**0**	**0**	**0**	**0**	**2647.97**	**45290.00**	**47937.97**
61	Habiganj	38.00	240.00	816.00	0	381.00	112.00	0	0	0	0	0	1587.00	0	**1587.00**
62	Moulvibazar	1.50	13.14	33.00	0	19.20	1.11	0	0	0	0	0	67.95	0	**67.95**
63	Sunamgonj	17.31	1085.00	186.00	0	1159.00	33.50	1.00	0	0	0	0	2481.81	0	**2481.81**
64	Sylhet	0	102.00	140.00	0	118.00	0	0	0	0	0	0	360.00	0	**360.00**
Sylhet Division		**56.81**	**1440.14**	**1175.00**	**0**	**1677.20**	**146.61**	**1.00**	**0**	**0**	**0**	**0**	**4496.76**	**0**	**4496.76**
TOTAL		**546.58**	**2466.13**	**4557.44**	**92.57**	**2273.40**	**148.34**	**20.01**	**6.80**	**0**	**0**	**0**	**10111.27**	**55468.90**	**65580**

Table 3.42. Sector-wise Annual Fish Production (2007-08 to 2021-22)

[Unit: Metric Ton]

Year	Capture					Culture							Marine		Total	Growth Rate (%)
	River	Sundar bans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal Cultured Waterbody	Baor	Shrimp	Crab	Pen Culture	Cage Culture	Marine Industrial	Marine Artisanal		
2007-08	136812	18151	77524	8248	786515	866049	-	4778	134715	-	-	-	34159	463414	2563296	5.05
2008-09	138160	18462	79200	8590	843671	912178	-	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	5.6
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	6.6
2017-18	320598	18225	99197	10152	768367	1900298	216353	8072	254367	11787	11015	3523	120087	534600	4276641	3.44
2018-19	325478	18282	99890	10578	781481	1974632	217340	10343	258039	12084	12361	3802	107236	552675	4384221	2.52
2019-20	331793	21007	103104	12696	779801	2046258	225948	10969	270114	12562	13425	4590	115354	555750	4503371	2.72
2020-21	337051	21544	104871	12345	825433	2090787	226608	11319	278417	12337	14282	4995	119121	562118	4621228	2.62
2021-22	342545	24259	105573	17937	831317	2166715	231692	11685	287497	13397	15063	5021	137170	568860	4758731	2.98

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

Table 3.43. Species-wise Annual Fish Production (2007-08 to 2021-22)

[Unit: Metric Ton]

Sl. No.	Species/Group	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	Major Carp	547652	617761	692597	753572	777005	731662	728695	755074	750880	811588	846397	875624	962049	975531	1013812
2	Other Carp	9339	11155	64359	55021	60356	54130	80138	80997	80647	100730	111373	116130	125565	129237	133465
3	Exotic Carp	333452	305938	376006	265375	299494	402490	389642	363737	357933	409801	454078	476761	503224	516969	528788
4	Pangas (Catfish)	-	-	-	-	-	-	371068	406818	504674	510097	453383	458307	405059	402298	406185
5	Other Catfish	85869	117856	208972	221965	288887	360722	81536	64537	65130	66646	68850	69636	69389	73180	73639
6	Snake Head	110460	122093	113989	117577	89351	53305	60282	69305	70106	72991	73358	75147	74368	78468	79313
7	Live Fish	75286	77113	101368	94000	95063	102651	115185	133512	136113	127120	144007	152241	160068	166204	176682
8	Tilapia	-	-	-	-	-	-	298062	347801	377346	370017	381215	390559	371263	392095	407359
9	Other Inland fish	643876	646085	575620	710853	763668	835457	524488	542711	568446	598923	554558	562585	592404	625286	647585
10	Hilsa	290000	298921	313753	339845	346512	351223	385140	387211	394951	496417	517198	532795	550428	565183	566593
11	Shrimp/Prawn	223095	244972	186418	239460	252523	228769	223788	230244	234188	246774	247304	239855	241281	251964	261154
12	Crab	-	-	-	-	-	-	-	-	13160	14421	11787	12084	12562	12337	13397
13	Sarpunti	-	-	-	-	-	-	-	-	-	-	91792	95649	98565	101932	104718
14	Cuchia	-	-	-	-	-	-	-	-	-	-	-	-	13424	9195	9488
15	Sardine	-	-	-	-	20187	29636	27590	32835	44386	48704	41486	28256	16814	34519	38432
16	Bombay Duck	36980	58263	58464	60750	62817	71745	51673	53950	58545	69230	75085	68101	70749	71922	82660
17	Indian Salmon	1040	7733	7733	4521	3030	2445	1960	1020	895	775	487	295	177	163	199
18	Pomfret	16728	46643	50245	40478	39537	29693	23355	11437	10593	10686	11899	11004	10023	9214	11480
19	Jew Fish	33803	38414	35514	36639	37929	30600	36170	31826	31894	33768	35427	41600	41943	48665	41356
20	Sea Catfish	20534	16515	16722	17193	19700	8594	9719	9476	8695	8424	9455	11455	13610	12199	14566
21	Shark/Skate/Ray	4767	3933	4794	4205	3865	5017	5648	5093	4622	4495	3974	4274	3373	8228	7017
22	Tuna and Tuna like fish	-	-	-	-	-	-	-	-	-	-	-	-		22130	9458
23	Other Marine Fish	130415	87975	92644	100233	101858	112115	133976	156661	165120	132827	143527	161861	167033	114309	131385
TOTAL		**2563296**	**2701370**	**2899198**	**3061687**	**3261782**	**3410254**	**3548115**	**3684245**	**3878324**	**4134434**	**4276640**	**4384221**	**4503371**	**4621228**	**4758731**

Note: Pangas was included in Group of Catfish (SL-5) and Tilapia was included in Group of Other Inland Fish (SL-9) before 2013-14; Cuchia Production is incorporated from 2019-20.

Table 3.44. Fish Production Trend (1983-84 to 2021-22)

Sector of Fisheries	Production (MT)										Growth Rate % (2021-22)
	1983-84	1993-94	2003-04	2013-14	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	
A. Inland Fisheries											
1. River and Estuary	207766	143425	137337	167373	271639	320598	325478	331793	337051	342545	1.63
2. Sundarbans	7783	7127	15242	18366	18086	18225	18282	21007	21544	24259	12.60
3. Beel	51373	55592	74328	88911	98117	99197	99890	103104	104871	105573	0.67
4. Kaptai Lake	4057	6635	7238	8179	9982	10152	10578	12696	12345	17937	45.30
5. Floodplain	200616	360597	497922	712976	765782	768367	781481	779801	825433	831317	0.71
Capture Total	**471595**	**573376**	**732067**	**995805**	**1163606**	**1216539**	**1235709**	**1248401**	**1301244**	**1321631**	**1.57**
6. Pond	107944	222542	795810	1526160	1833118	1900298	1974632	2046258	2090787	2166715	3.63
7. Seasonal Cultured Waterbody	0	0	0	193303	215547	216353	217340	225948	226608	231692	2.24
8. Baor	862	2201	4282	6514	8002	8072	10343	10969	11319	11685	3.23
9. Shrimp/Prawn Farm	8219	39447	114660	216447	246406	254367	258039	270114	278417	287497	3.26
10. Crab	0	0	0	0	14421	11787	12084	12562	12337	13397	8.59
11. Pen Culture	0	0	0	13054	13368	11015	12361	13425	14282	15063	5.47
12. Cage Culture	0	0	0	1447	2490	3523	3802	4590	4995	5021	0.52
Culture Total	**117025**	**264190**	**914752**	**1956925**	**2333352**	**2405415**	**2488601**	**2583866**	**2638745**	**2731070**	3.50
Inland Fisheries Total (A)	**588620**	**837566**	**1646819**	**2952730**	**3496958**	**3621954**	**3724310**	**3832267**	**3939989**	**4052701**	2.86
B. Marine Fisheries											
13. Industrial (Trawler Fishing)	14500	12454	32606	76885	108479	120087	107236	115354	119121	137170	15.15
14. Artisanal	150382	240590	422601	518500	528997	534600	552675	555750	562118	568860	1.20
Marine Fisheries Total (B)	**164882**	**253044**	**455207**	**595385**	**637476**	**654687**	**659911**	**671104**	**681239**	**706030**	**3.64**
Total Fish Production (A+B)	**753502**	**1090610**	**2102026**	**3548115**	**4134434**	**4276641**	**4384221**	**4503371**	**4621228**	**4758731**	**2.98**

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	

Signature and Seal

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 operates ☐ 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/Ayre								
09	Shol/Gazar/Taki								
10	Koi								
11	Shingi/Magur								
12	Sarpunti								
13	Other Inland Fish								
14	Hilsa/Illish								
15	Galda								
16.	Bagda								
17	Harina								
18	Chaka								
19	Cuchia								
20	Other small shrimp/prawn								
Total									

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

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

River-3

CATCH ASSESSMENT SURVEY OF RIVER
Monthly Summary Sheet
(Principal River / Other River)

1. River ----------Code ☐ Month ----------Year----------

2. District ----------Code ☐

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

4. Total Boat of District----------

5. Total Boat of Sample Villages

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

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

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

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

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

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River-4

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

CATCH ASSESSMENT SURVEY OF RIVER

Yearly Summary Sheet (Principal River / Other River)

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

(Figure in Metric Ton)

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

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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

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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: ----------

5. 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

Note:

Extensive :< *1.5MT/Ha* Semi-intensive: *1.5-4 MT/Ha*

Intensive :> *4-10MT/Ha* Highly intensive: *>10 MT/Ha*

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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					

12. Fertilizer & Feeding

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

13. Other Cost

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

Note:

Extensive :*< 1.5MT/Ha*
Intensive :*> 4 – 10MT/Ha*
Semi-intensive:*1.5-4 MT/Ha*
Highly-intensive: *>10 MT/Ha*

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MONTHLY CATCH ASSESSMENT SURVEY OF POND

Species Code	Species	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total	Average 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/Ayre															
13	Shol/ Gazar/Taki															
14	Koi															
15	Shingi/ Magur															
16	Big shrimp/prawn															
17	Small shrimp/prawn															
18	Tilapia/Nilotica															
19	Sarpunti/Thai Sharpunti															
20	Cuchia															
21	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)

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Pond - 4

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

UPAZILA-WISE SAMPLE CATCH RECORD OF POND

District: Upazila: Year:

1. Type of Pond	Extensive	Semi-intensive	Intensive	Highly Intensive	Average Price (Tk/Kg)
2. Production Range	*<1.5MT/Ha*	*1.5-4 MT/Ha*	*>4-10MT/Ha*	*>10 MT/Ha*	
3. Name of Farmer					
4. Water Area (Ha)					
5. Total Fry Stocking (No)					
6. Chemical Fertilizer (Kg)					
7. Feed Used (Kg)					
8. 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/Ayre					
(13) Shol/ Gazar/Taki					
(14) Koi					
(15) Shingi/ Magur					
(16) Big shrimp/prawn					
(17) Small shrimp/prawn					
(18) Tilapia/Nilotica					
(19) Thai Sarpunti					
(20) Cuchia					
(21) Other Inland Fish					
Total					
Unit Production MT/Ha					

Signature and Seal

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**----------

5. 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 Pr ject
		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 and Seal

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 [ ]

5. Name of Beel---------- 6. 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									
Species Code	Species	Previous day	Sample day	Previous day	Sample day	Previous day	Sample day	Previous day	Sample day
01	Rui								
02	Catla								
03	Mrigal								
04	Kalibaus								
05	Bata								
06	Gonia								
07	Silver Carp								
08	Grass Carp								
09	Mirror/Com Carp								
10	Other Exotic Carp								
11	Pangas								
12	Boal/Ayre								
13	Shol/ Gazar/Taki								
14	Koi								
15	Shingi/ Magur								
16	Big shrimp/prawn								
17	Small shrimp/prawn								
18	Tilapia/Nilotica								
19	Sarpunti/Thai Punti								
20	Cuchia								
21	Other Inland Fish								
	Total								

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

Signature and Seal

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)
Species Code	**Species**	Average catch	Total catch	Average catch	Total catch	Average catch	Total catch	Average catch	Total catch	
01	Rui									
02	Catla									
03	Mrigal									
04	Kalibaus									
05	Bata									
06	Ghonia									
07	Silver Carp									
08	Grass Carp									
09	Mirror/Com Carp									
10	Other Exotic Carp									
11	Pangas									
12	Boal/Ayre									
13	Shol/ Gazar/Taki									
14	Koi									
15	Shingi/ Magur									
16	Big shrimp/prawn									
17	Small shrimp/prawn									
18	Tilapia/Nilotica									
19	Sarpunti/Thai Punti									
20	Cuchia									
21	Other Inland Fish									
	Total=									

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

Signature and Seal

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

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

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

Signature and Seal

Beel- 5

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

CATCH ASSESSMENT SURVEY OF BEEL
Catch Data of Katta Fishing and Estimated Total Catch

1. District---------- Code ☐

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

4. Name of Beel---------- Name of Officer ----------

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

6. Type of fishing: Katta ☐ Others ☐

7. Total number of kata for whole season---------- (N)

8. Number of sample kata observed ---------- (n)

9. Raising Factor = N/n = ----------

Species 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/Ayre								
13	Shol/ Gazar/Taki								
14	Koi								
15	Shingi/ Magur								
16	Big shrimp/prawn								
17	Small shrimp/prawn								
18	Tilapia/Nilotica								
19	Sarpunti/Thai Sharpunti								
20	Cuchia								
21	Other Inland Fish								
	Total								

Signature and Seal

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

Species 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/Ayre			
13	Shol/ Gazar/Taki			
14	Koi			
15	Shingi/ Magur			
16	Big shrimp/prawn			
17	Small shrimp/prawn			
18	Tilapia/Nilotica			
19	Sarpunti/Thai Sharpunti			
20	Cuchia			
21	Other Inland Fish			
Total				

Production per Hectare----------Kg/Ha

Signature and Seal

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---------- Name of Farmer/ Operator----------

6.Year---------- 7.Water Area---------- (Ha) 8. Average Depth---------- (Meter)

9. Type of Culture **(1) Exclusively shrimp/prawn** [ ] **(2) Mixed** [ ]

10. Stocking of Fry/Juvenile

Category	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					
	(17) Koi/Shingi/Magur					
	(18) Tilapia					
	(19) Thai Punti					
	(20) Others					
	Fish Total					

Signature and Seal

MONTHLY CATCH ASSESSMENT SURVEY OF SHRIMP/PRAWN FARM

Form-2

Species Code	Species	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total	Av. Price Tk
		Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	
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/Ayre														
18	Shol/ Gazar/Taki														
19	Koi/														
20	Shingi/ Magur														
21	Tilapia/Nilotica														
22	Thai Sharputi														
23	Other Fish														
	FishTotal														
	Grand Total														

Total Production---------- MT

Production per Ha----------MT/Ha

Signature and Seal

Annual Production of Shrimp and Crab for 2021-22 (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	Production			
			Golda	Other Shrimp	Fish		Bagda	Golda	Other Shrimp	Fish			Area	Production	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Total														

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.																
4.																
5.																
100.																

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

Signature and Seal

Form-S2/F2

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

CATCH ASSESSMENT SURVEY OF SUBSISTENCE FISHING

1. District---------- Code ☐ Year---------- Month----------

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

4. Village---------- Name of Officer----------

5. Name of headof 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**	**Remarks**
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/Ayre							
13	Shol/ Gazar/Taki							
14	Koi							
15	Shingi/ Magur							
16	Big shrimp/prawn							
17	Small shrimp/prawn							
18	Tilapia/Nilotica							
19	Sarpunti/Thai Sharpunti							
20	Cuchia							
21	Other Inland Fish							
	Total							

Fishing Ground: large River, Small River, pond, beel, baor, canal, ditch, swamp, paddy field or flood water.

Signature and Seal

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

8. 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					

Signature and Seal

Baor-2

CATCH ASSESSMENT SURVEY OF BAOR (Monthly Catch)

Species 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/Ayre														
13	Shol/ Gazar/Taki														
14	Koi														
15	Shingi/ Magur														
16	Big shrimp/prawn														
17	Small shrimp/prawn														
18	Tilapia/Nilotica														
19	Sarpunti/Thai Sharpunti														
20	Cuchia														
21	Other Inland Fish														
	Total														

Production per Ha----------Kg/Ha

Signature and Seal

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 WATERBODY

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) Borrowpit (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					

Signature and Seal

SCW-2

CATCH ASSESSMENT SURVEY OF SEASONAL CULTURED WATERBODY (Monthly Catch)

Species 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/Ayre														
13	Shol/ Gazar/Taki														
14	Koi														
15	Shingi/ Magur														
16	Big shrimp/prawn														
17	Small shrimp/prawn														
18	Tilapia/Nilotica														
19	Sarpunti/Thai Sharpunti														
20	Cuchia														
21	Other Inland Fish														
	Total														

Production per Ha----------Kg/Ha

Signature and Seal

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					
Cuchia					
Others					
Total					

Signature and Seal

CATCH ASSESSMENT SURVEY OF PEN AND CAGE CULTURED (Monthly Catch)

PC-2

Species Code	Species	July	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total	Average 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/Ayre														
13	Shol/ Gazar/Taki														
14	Koi														
15	Shingi/ Magur														
16	Big shrimp/prawn														
17	Small shrimp/prawn														
18	Tilapia/Nilotica														
19	Sarpunti/Thai Sharpunti														
20	Cuchia														
21	Other Inland Fish														
	Total														

Production per Ha----------Kg/Ha

Signature and Seal

Marine Industrial Fisheries (Trawler Fishing)

Form - MI-1

Government of the People's Republic of Bangladesh
Marine Fisheries Office
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
4. Gross tonnage: ……MT 5.Whether possessing valid fishing licese: 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: …… 8. Fishing ground: ……
9. Average number of hauls per day: …… Latitude…… N
   Average hours of each haul …… …… Longitude ……E
10. Catch data of the last fishing trip:

(a) Shrimp (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
Pomfert	
Jew fish	
Indian salmon	
Snapper	
Grunt	
Flat/sole fish	
Catfish	
Mackeral	
Tuna	
Sharks/rays	
Squids/Cuttle fish	
Others	
Fish total	

11. Number of shrimp nets used ……:……
    Mesh size at cod-end……mm
    Number of fish nets used……
    Mesh sizeat cod-end:……mm
    Length of head rope……
    Gear used: Single/ double
12. Number of Officers and crew on board: Local Foreign
    Officer …… ……
    Crew …… ……
    Total ……
13. Expect date of departure for the next fishing trip……
14. Remarks: ……

Name and signature of inspecting officer:
Date:

Form - MI-2

Government of the People's Republic of Bangladesh

Marine Fisheries Office

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.

Signature and Seal

Form - MI-3

Government of the People's Republic of Bangladesh
Marine Fisheries Office
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 ground La.							
Ln.							
Shrimp catch (in Kg)							
Tiger Shrimp							
White Shrimp							
Pink Shrimp							
Brown Shrimp							
Lobster							
Other shrimp							
Shrimp Total							
Fish Catch (in kg)							
Pomfret							
Jew Fish							
Indian Salmon							
Snapper							
Grant							
Flat/solo fish							
Catfish							
Mackerel							
Tuna							
Sharks/rays							
Squids/Cuttlefish							
Others							
Fish Total(Kg)							
Grand Total (Kg)							

Signature and Seal

Form - MI-4

Government of the People's Republic of Bangladesh
Marine Fisheries Office
Department of Fisheries
Agrabad, Chattogram

MONTHLY/ANNUAL TOTAL CATCH OF TRAWLERS

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				
Catfish				
Mackerel				
Tuna				
Sharks/rays				
Squids/Cuttlefish				
Others				
Fish Total(kg)				
Grand Total(kg)				

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.

Signature and Seal

Marine Artisanal Fisheries

Form : MA - 1

Government of the People's Republic of Bangladesh
Marine Fisheries Office
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.

Signature and Seal

Form : MA - 2

Government of the People's Republic of Bangladesh
Marine Fisheries Office
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 [ ]	No. of all landings [ ]	No. of Sample landings [ ]				
Serial No.						Producer's price in Tk/Kg
No. of fishermen on board						
Fishing boat moterized/n.mot.						
Local name of gear used						
No. of days of this trip						
No. of trips during past 15 days						
No. of days on the sea during past 15 days						
No. of setbag nets						
Catch by species	Kg	Kg	Kg	Kg	Kg	
Hilsa						
Bombay Duck						
Indian salmon						
Pomfret						
Sharks & rays						
Jew fish						
Snapper						
Mackerel						
(Specify) :						
Small shrimp						
Micellaneous						
Total						

Signature and Seal

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												
9	Pirojpur												
	Barishal Division												
10	Chattogram												
11	Cox's Bazar												
12	Feni												
13	Lakshmipur												
14	Noakhali												
	Chattogram Division												
	TOTAL												

Signatureand Seal

ANNUAL FISH PRODUCTION IN CAGE CULTURE, Year.....

Name of District:

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 and seal
District Fisheries Officer

Chart - 1

Compilation_Data

FRSS Chart-1

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

Name of District: *Area in Hectare* *Production in Metric Ton*

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

Signature and Seal

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		Borrowpit/ Polder/ Creek		Baor		Cage Culture			Pan Culture		Total Prod. (13+15+ 17+19+ 22+24)
		Galda Farm				Bagda Farm					Total													
		Area	Production			Area	Production				Area	Prod.					Area	Prod.	No	Av. area/ Cage (Sq. meter)	Prod.	Area	Prod.	
			Galda	Other Shrimp	Fish		Bagda	Golda	Other Shrimp	Fish			Area	Prod.	Area	Prod.								
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																							

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												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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Total															

**Culture Method:*

1) Extensive	*< 1.5 MT/Ha*
2) Semi-intensive	*1.5 - 4.0 MT/Ha*
3) Intensive	*>4.0 - 10.0 MT/Ha*
4) Highly Intensive	*>10.0 MT/Ha*

Signature and Seal

Yearbook of Fisheries Statistics of Bangladesh 2021-22

Annexure - 2

Persons involved in Preparation of the Yearbook

Shabnam Mostary	Senior Assistant Director Department of Fisheries
Afshan Noor	Scientific Officer Department of Fisheries
Md. Abdullah Al Shamim	Cartographer Department of Fisheries
Begum Razia Sultana	Research Officer Department of Fisheries
Md. Tazul Islam	Fishery Survey Officer Department of Fisheries
Md. Kayum Talukder	Fishery Survey Officer Department of Fisheries
Mst. Umma-Un- Arifa	Assistant Cartographer Department of Fisheries

Annexure -3

ফরম-২

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পরিকল্পনা মন্ত্রণালয়
পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগ
বাংলাদেশ পরিসংখ্যান ব্যুরো
ওয়েবসাইট: www.bbs.gov.bd

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 এতৎসংক্রান্ত বিধি ও নীতিমালা অনুযায়ী নিম্নবর্ণিত শর্তসাপেক্ষে মৎস্য অধিদপ্তর কে 'Fish Catch Assessment Survey' পরিচালনার মাধ্যমে 'Fisheries Statistical Report of Bangladesh, 2021-2022' শীর্ষক প্রতিবেদন প্রকশের অনাপত্তি প্রদান করা হলো।

শর্তসমূহ:

(ক) শুমারি/জরিপ ক্ষেত্র: Fish Catch Assessment Survey;

(খ) জরিপের ক্ষেত্রে;

(অ) নমুনায়ন ফ্রেম (Sampling Frame): Listing Frame ও কৃষিশুমারি।

(আ) নমুনায়ন পদ্ধতি: উদ্দেশ্যমূলক নমুনায়ন।

(ই) নমুনা আয়তন নিরূপণ পদ্ধতি: ফর্মুলা নির্ভর।

(ঈ) নমুনা আয়তন/নমুনা এককের সংখ্যা: নদী- ১৯২, পুকুর- ৩৮৪০, বিল- ১২৮, প্লাবনভূমি- ৯৬৪, সাবসিস্টেম- ৬৪০, মৌসুমী জলাশয়- ৬৪, বাওড়- সকল বাওড়, চিংড়ি- সকল চিংড়ি খামার, পেন/কেইজ কালচার- সকল, মেরিন- ৯২২৫।

(উ) তথ্য সংগ্রহের সময়কাল: জুলাই ২০২০ হতে জুন ২০২১।

(ঊ) ফলাফল প্রকাশের সময়কাল: নভেম্বর, ২০২১।

(ঋ) প্রকাশনা/প্রতিবেদনে Reliability of Estimates সংযোজন করতে হবে।

(গ) মৎস্য অধিদপ্তর কর্তৃক উৎস হিসেবে চিহ্নিত এসডিজি সূচকসমূহের তথ্য-উপাত্ত সংযোজনী করতে হবে;

(ঘ) পরবর্তীতে জরিপের পূর্বে Sampling Frame ও Methodology হালনাগাদ করতে হবে;

(ঙ) নমুনা ফ্রেম যথাযথ হালনাগাদ করা এবং Weight ব্যবহার ব্যতীত সমগ্র (Population) পর্যায়ের প্রতিনিধিত্বশীল ঘোষণা দিয়ে Estimate দেয়া যাবে না;

(চ) তথ্য সংগ্রহের পূর্বে তথ্য সংগ্রহকারীদের যথাযথ প্রশিক্ষণ প্রদান নিশ্চিত করতে হবে;

(ছ) তথ্য সংগ্রহ ও রিপোর্ট প্রণয়নের সাথে জড়িত কর্মকর্তা/কর্মচারীদের প্রশিক্ষণ এবং মাঠ পর্যায়ে তথ্য সংগ্রহের কাজ পরিবীক্ষণে জাতীয় পরিসংখ্যান সংস্থা হিসেবে বিবিএস-এর মাঠ পর্যায়ের কর্মকর্তাদেরকে সম্পৃক্ত করতে হবে;

(জ) জরিপের প্রতিবেদন প্রকাশের পূর্বে প্রস্তুতকৃত খসড়া প্রতিবেদন পর্যালোচনার জন্য 'জরিপ/শুমারি, পরীক্ষা, অনুমোদন ও পরিবীক্ষণ কমিটি'র সভায় উপস্থাপন করতে হবে;

(ঝ) প্রকাশিত জরিপ প্রতিবেদনের সাথে বিবিএস-এর অনাপত্তিপত্র সংযুক্ত করতে হবে এবং বিবিএসকে প্রকাশনার ২০ (বিশ) টি কপি সরবরাহ করতে হবে;

(ঞ) 'সংস্থা কর্তৃক পরিসংখ্যান প্রস্তুত ও প্রকাশ নীতিমালা, ২০১৬'-এর অনুচ্ছেদ-৪, ৫ ও ৭ এর নির্দেশনাসমূহ যথাযথভাবে প্রতিপালন করতে হবে;

২। মৎস্য অধিদপ্তর 'সংস্থা কর্তৃক পরিসংখ্যান প্রস্তুত ও প্রকাশ নীতিমালা, ২০১৬' এর অনুসরণ এবং ব্যুরো কর্তৃক প্রদত্ত শর্তাবলী পূরণ ও মান বজায় রাখবার বিষয়টি নিশ্চিত করবে।

৩। নির্ধারিত সময়সীমার মধ্যে পরিসংখ্যান প্রস্তুত ও প্রকাশের কার্যক্রম সম্পন্ন করতে না পারলে সংস্থা এই বিধিমালার অধীন বাংলাদেশ পরিসংখ্যান ব্যুরোর নিকট সময় বৃদ্ধির আবেদন করতে পারবে।

৪। 'সংস্থা কর্তৃক পরিসংখ্যান প্রস্তুত ও প্রকাশ নীতিমালা, ২০১৬' যথাযথভাবে অনুসরণ এবং শর্তসমূহ যথাযথভাবে পূরণ ও মান বজায় রাখবার বিষয়টি বাংলাদেশ পরিসংখ্যান ব্যুরো ও সংস্থার যৌথ পরিবীক্ষণের (Monitoring) মাধ্যমে নিশ্চিত করা হবে।

০৫/০৯/২০২১

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