YEARBOOK OF
FISHERIES STATISTICS OF BANGLADESH
2023-24

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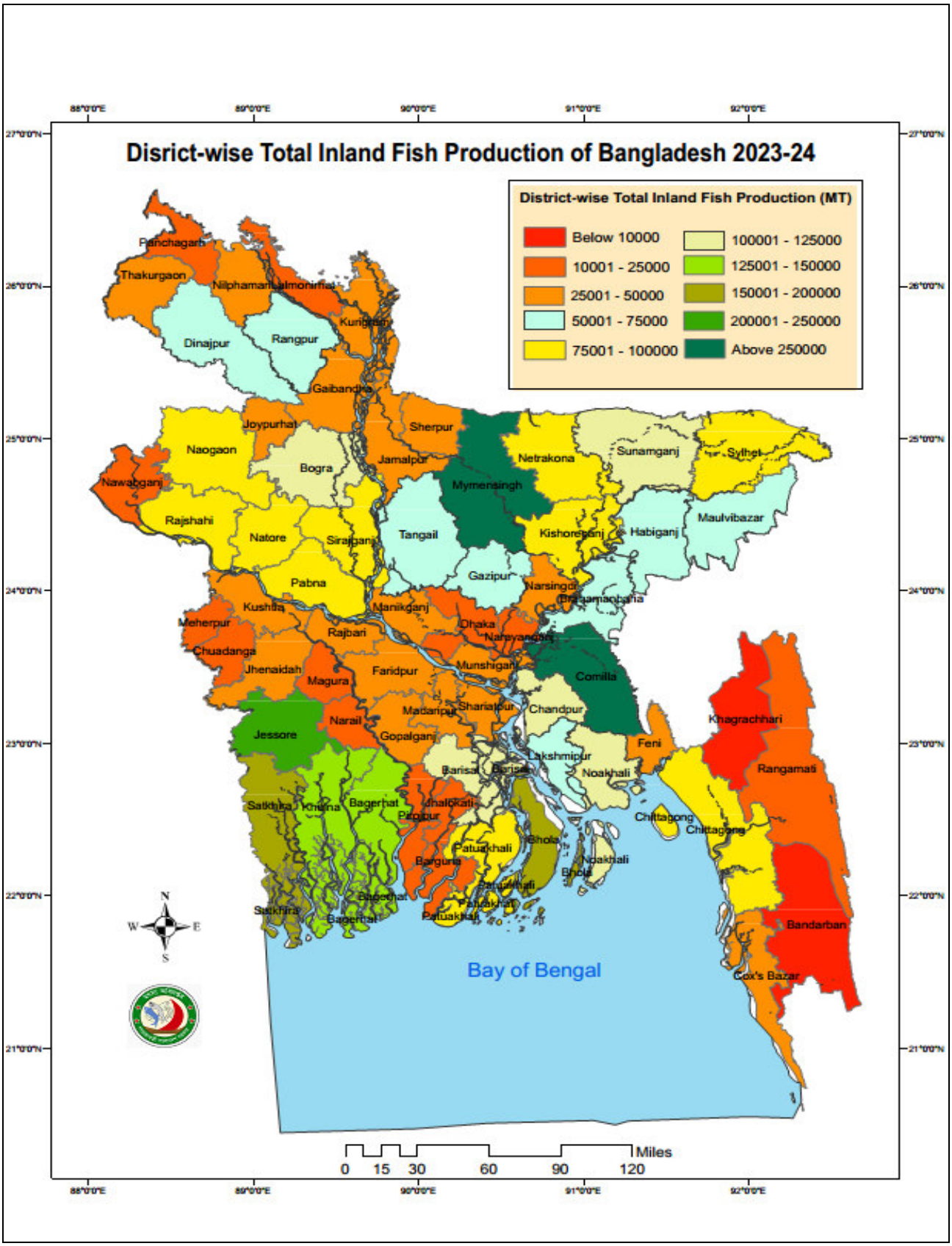
ABBREVIATIONS AND ACRONYMS

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


Disrict-wise Total Inland Fish Production of Bangladesh 2023-24
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
Netrakona
Sunamganj
Sylhet
Nawabganj
Mymensingh
Rajshahi
Natore
Sirajganj
Tangail
Kishoreganj
Habiganj
Maulvibazar
Pabna
Gazipur
Narsingdi
Brahmanbaria
Kushtia
Manikganj
Meherpur
Rajbari
Dhaka
Narayanganj
Chuadanga
Munshiganj
Jhenaidah
Magura
Faridpur
Comilla
Madaripur
Shariatpur
Chandpur
Khagrachhari
Narail
Jessore
Gopalganj
Feni
Lakshmipur
Barisal
Noakhali
Rangamati
Satkhira
Khulna
Bagerhat
Jhalokati
Pirojpur
Chittagong
Patuakhali
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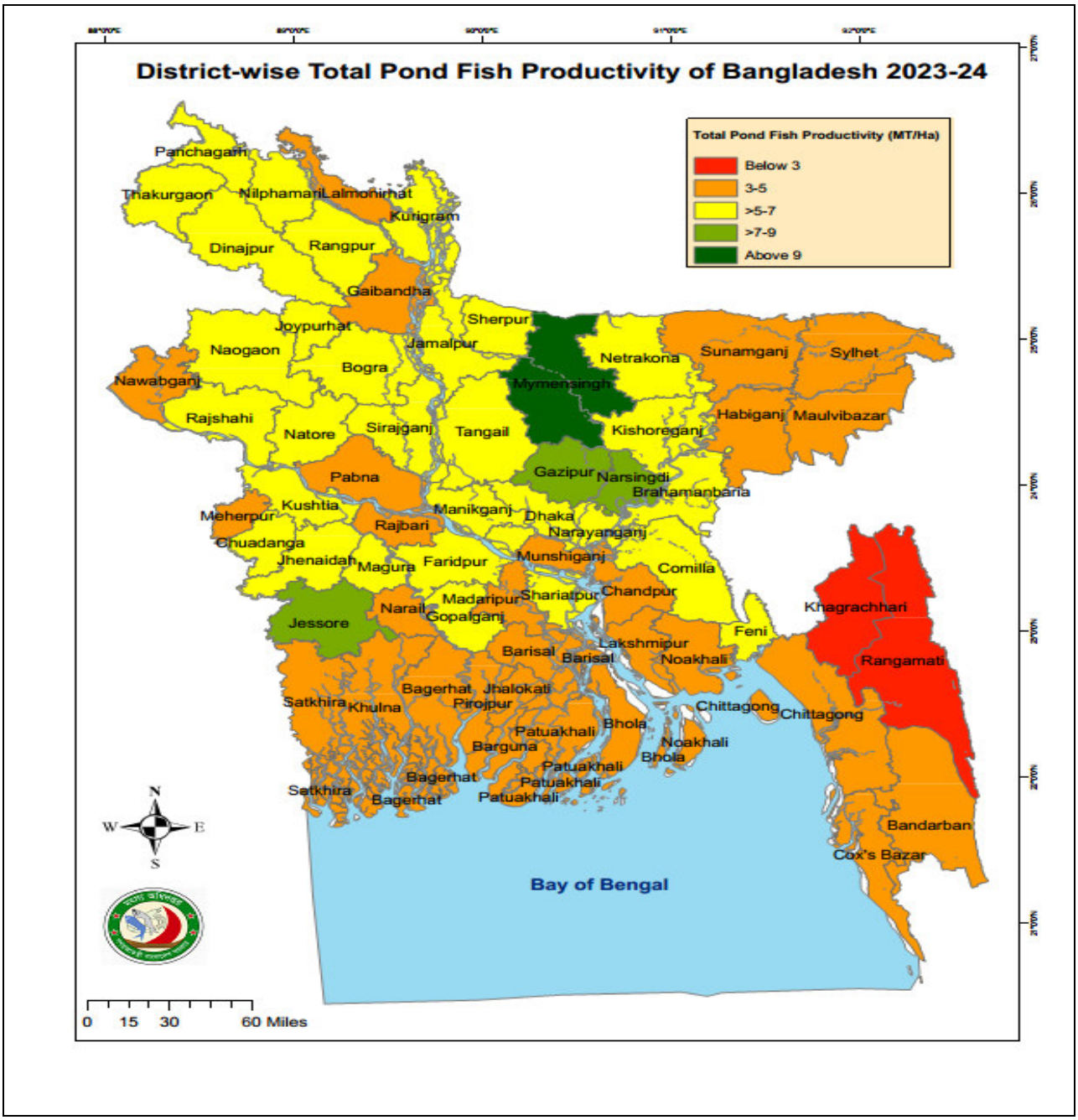
District-wise Total Pond Fish Productivity of Bangladesh 2023-24
Total Pond Fish Productivity (MT/Ha)
Below 3
3-5
>5-7
>7-9
Above 9
Panchagarh
Thakurgaon
Nilphamari
Lalmonirhat
Kurigram
Dinajpur
Rangpur
Gaibandha
Joypurhat
Sherpur
Naogaon
Jamalpur
Netrakona
Sunamganj
Sylhet
Nawabganj
Bogra
Mymensingh
Habiganj
Maulvibazar
Rajshahi
Natore
Sirajganj
Tangail
Kishoreganj
Pabna
Gazipur
Narsingdi
Brahamanbaria
Kushtia
Manikganj
Dhaka
Meherpur
Rajbari
Narayanganj
Chuadanga
Jhenaidah
Magura
Faridpur
Munshiganj
Comilla
Madaripur
Shariatpur
Chandpur
Khagrachhari
Narail
Gopalganj
Jessore
Feni
Lakshmipur
Barisal
Barisal
Noakhali
Rangamati
Bagerhat
Jhalokati
Satkhira
Khulna
Pirojpur
Chittagong
Chittagong
Patuakhali
Bhola
Barguna
Noakhali
Bhola
Patuakhali
Bagerhat
Patuakhali
Satkhira
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Patuakhali
Bandarban
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MESSAGE

Bangladesh is one of the world's leading fish producing countries with a total production of 5.018 million MT in FY 2023-24. Through this remarkable achievement Bangladesh became a self-sufficient country in fish production providing 67.8 gm of fish per person in daily dietary consumption. Inspite of budgetary 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 2.53 percent and the contribution of the fisheries sector in the overall agriculture sector is 22.26 percent in FY 2022-23 (BER 2024).

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 2023-24. Realizing the due importance of fisheries data, best and sincere efforts have been made 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 41th 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. Marine fisheries data has been updated with the assistance of Sustainable Coastal and Marine Fisheries Project and Marine Fisheries Survey Management Unit, DoF. The valuable feedback from concerned agencies and persons has been accounted for 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 precise 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 suggestions for improvement of the yearbook.

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

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ACKNOWLEDGEMENT

In 2023-24 FY, the total fish production reached at 5.018 million Metric Ton, which exceeds the targeted fish production of 4.893 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 third in inland open water capture production, fifth in aquaculture production as stated in the FAO report **The State of World Fisheries and Aquaculture 2022**. Bangladesh also ranks first in global catch of hilsa shad, Ilish (GI Product).

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 41th 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 gratitude are also given to Director (Marine), Principal Scientific Officer (Marine Fisheries Survey Management Unit), DD (Fisheries Survey), 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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FOREWORD

The fisheries sector in Bangladesh continues to play a pivotal role in ensuring food security, nutrition, employment, and economic growth. In the Fiscal Year 2023-24, the nation achieved an outstanding fish production milestone of 5.018 million metric tons, surpassing the target of 4.893 million metric tons. This consistent growth reflects the resilience of the sector and the dedication of all those involved, despite financial challenges. Bangladesh's impressive position as one of the top fish-producing countries globally underscores the Government's development plans and policies.

The Yearbook of Fisheries Statistics of Bangladesh for FY 2023-24 marks its 41st edition. This publication serves as a crucial resource for policymakers, researchers, entrepreneurs, and development partners committed to the sustainable advancement of the fisheries sector. The survey section of the Department of Fisheries (DoF) has meticulously gathered data from various sources, including field offices, project reports, fish landing sites, and partner organizations such as the Bangladesh Fisheries Development Corporation (BFDC) and the Bangladesh Forest Department (BFD). We are also grateful for the support provided by the Marine Fisheries Survey Management Unit and the Sustainable Coastal and Marine Fisheries Project in updating marine fisheries data.

The preparation of this yearbook has been a collaborative effort involving the dedication and hard work of numerous DoF officials, including divisional, district, and upazila-level fisheries officers. Their efforts in data collection, validation, and processing have been instrumental in ensuring the accuracy and reliability of the statistics presented. I extend my sincere appreciation to all contributors, including the Fisheries Resources Survey System (FRSS) team, for their unwavering commitment to excellence.

I am confident that this yearbook will provide valuable insights and serve as an authoritative reference for those working towards the continued growth and sustainability of Bangladesh's fisheries sector. Your constructive feedback and suggestions for further improving this publication are always welcome and highly valued.

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CONTENTS

KEY FINDINGS

Sectors of Fisheries	2023-24			2022-23			Production Increased (MT)	*Growth Rate (%)*
	Water Area (Ha)	Production (MT)	Produc-tivity (Kg/Ha)	Water Area (Ha)	Production (MT)	Produc-tivity (Kg/Ha)		
1	2	3	4	5	6	7	8	9
A. Inland Open Water (Capture)	**3861281**	**1411796**	**366**	**3861281**	**1383283**	**358**	**28513**	**2.06**
1. River and Estuary	853863	400701	469	853863	389035	456	**11666**	**3.00**
2. The Sundarbans	177700	28888	163	177700	26047	147	**2841**	**10.91**
3. Beel	114161	110817	971	114161	108625	952	**2192**	**2.02**
(a) Natural	98414	90427	919	98625	89828	911	**599**	**0.67**
(b) Beel Nursery	15747	20390	1295	15536	18797	1210	**1593**	**8.47**
4. Kaptai Lake	68800	19253	280	68800	17056	248	**2197**	**12.88**
5. Floodplain	2646757	852137	322	2646757	842520	318	**9617**	**1.14**
(a) Subsistence Fisheries	2317175	681122	294	2317175	676850	292	**4272**	**0.63**
(b) Fry Released Program	77865	42637	548	77865	40124	515	**2513**	**6.26**
(c) Haor	251717	128378	510	251717	125546	499	**2832**	**2.26**
B. Inland Close Water (Culture)	**867694**	**2978064**	**3432**	**846341**	**2852047**	**3370**	**126017**	**4.42**
6. Pond	424168	2368741	5584	415872	2272667	5465	**96074**	**4.23**
7. Seasonal Cultured Waterbody	148537	246686	1661	144513	231582	1602	**15104**	**6.52**
(a) Paddy Field/ Floodplain	133261	218204	1637	129668	205015	1581	**13189**	**6.43**
(b) Borrow Pit	15276	28482	1864	14845	26567	1790	**1915**	**7.21**
8. Baor	6218	12893	2073	5671	12158	2144	**735**	**6.05**
9. Shrimp/Prawn Farm	262217	315387	1203	261833	301103	1150	**14284**	**4.74**
(a) Shrimp/Prawn Production	-	147824	564	-	144352	551	**3472**	**2.41**
(b) Fish Production	-	167563	-	-	156751	-	**10812**	**6.90**
10. Crab Production	16672	10782	647	9372	12881	1374	**-2099**	**-16.30**
11. Pen Culture	9882	18123	1834	9080	16402	1806	**1721**	**10.49**
12. Cage Culture	1.93 lakh cum	5452	28 kg/cum	1.93 lakh cum	5254	27 kg/cum	**198**	**3.77**
Total Inland Fisheries	**4728975**	**4389860**	928	**4707622**	**4235330**	900	**154530**	**3.65**
C. Marine Fisheries	-	**628623**	-	-	**679385**	-	**-50762**	**-7.47**
13. Industrial	-	114804	-	-	146037	-	**-31233**	**-21.39**
14. Artisanal	-	513819	-	-	533348	-	**-19529**	**-3.66**
Total Fish Production	**-**	**5018483**	**-**	**-**	**4914715**	**-**	**103768**	**2.11**
Production of Selected Species								
Hilsa Production (MT)	-	**529487**	-	-	**571342**	-	**-41855**	**-7.33**
(a) River	-	248114	-	-	270885	-	**-22771**	**-8.41**
(b) The Sundarbans	-	455	-	-	445	-	**10**	**2.25**
(c) Marine	-	280918	-	-	300012	-	**-19094**	**-6.36**
Shrimp/Prawn Production (MT)	-	**260486**	-	-	**271302**	-	**-10816**	**-3.99**
(a) Shrimp/Prawn Farm	-	147824	-	-	144352	-	**3472**	**2.41**
(b) Other Sources	-	86393	-	-	80187	-	**6206**	**7.74**
(c) Marine	-	26269	-	-	46763	-	**-20494**	**-43.83**

* ***Cage culture volume is 1.93 lakh cubic meter assuming average one-meter depth over 19.30 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 50.18 lakh MT in FY 2023-24, where aquaculture accounts for 59.34 percent of the total fish production. Now, Bangladesh has become self-sufficient fish producing country that supplements about 60% (with per capita of 67.80 gm/day against targeted 60 gm/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 0.91% of the total national export earnings (EPB 2024). In 2023-24, the country earns BDT 4531.86 crore by exporting almost 77 thousand MT of fish and fishery products.

According to FAO report ***The State of World Fisheries and Aquaculture 2022***, Bangladesh ranked third in inland open water capture production and fifth 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 (10.55 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 2.53 percent and the contribution of the fisheries sector in the overall agriculture sector is 22.26 percent in FY 2023-24 (BBS 2024). Around 12% of the population are directly or indirectly engaged in various activities under fisheries sector for their livelihood.

Over the last four decades, the total fish production of Bangladesh has been increased more than six times (7.54 lakh MT in 1983-84 to 50.18 lakh MT in 2023-24). 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/Crick, ox-bow lake (baor), shrimp/prawn farm, seasonal cultured waterbody, pen and cage culture etc. covering an area of about 8.68 lakh hectors and produces 29.78 lakh MT accounting for about 59.34 percent of the total fish production in 2023-24.

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, The 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 28.13% in 2023-24 due to over exploitation, degradation and loss of fish habitats, siltation of waterbodies and water pollution from industry and agro-chemicals.

For addressing the current challenges of inland capture fishery, several special programs are being implemented in the recent past intended to increase 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 fish protein. During the recent past year, around 508 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 10.55% of annual fish production by volume in 2023-24. Hilsa production once abundant in 1970'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, the 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.

Coastal aquaculture comprised of both shrimp/prawn, 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 in adopting an 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 maintaining quality standards in all stages of fish and shrimp production, processing, and export with strong monitoring by the Competent Authority (CA).

Bangladesh having sovereign rights over almost 118,813 sq. kms in the Bay of Bengal possesses vast marine water resources rich in biodiversity. The Marine fishing sector provides only about 12.53% of marine production 6.29 lakh MT in 2023-24. In marine fishing involves over 237 industrial trawlers and more than 28575 artisanal vessels. Artisanal small-scale fishery contributes 81.74%; i.e , 5.14 lakh MT and large industrial fishery contributes 18.26%; i.e. 1.15 lakh MT of total marine production. Over the four decades, since 1983–84, the total marine catch of 1.65 lakh MT has been increased to 6.29 lakh MT in FY 2023-24. The DoF 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 staff 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 the ***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 managing 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 an 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 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 2.53 percent and the contribution of the fisheries sector in the overall agriculture sector is 22.26 percent in FY 2023-24 (BBS 2024) as well as 0.90% 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 rivers 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.

Yearbook of Fisheries Statistics of Bangladesh 2023-24 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 41st 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 2023-24. 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. Marine fisheries data has been updated with the assistance of Sustainable coastal and marine fisheries project and Marine fisheries survey management unit, DoF. 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 considered 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 nationally, 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 a better developmental plan. This edition of fisheries 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 projects 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 to food security through providing safe and quality animal protein. The GDP growth in the fisheries sector is 2.53 percent and the contribution of the fisheries sector in the overall agriculture sector is 22.26 percent in FY 2023-24 (BBS 2024) as well as 0.90% to total country export earnings. Fish supplements to about 60% of our daily animal protein intake. Around 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. Marine fisheries data has been updated by the assistance of Sustainable coastal and marine fisheries project and Marine fisheries survey management unit, DoF.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 channels. 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 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 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 a 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 a dead river creating a free-standing body of water for fish culture. Baor, the horseshoe shaped oxbow lake was created by the meandering rivers changing 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 sides, 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 of that 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 use 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 undertaken 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 seasonal 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.	The 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 gear and fishermen.

Recording of catches

Two sample days in each month.

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

Note: Sample villages are fixed for several years.

Selection of sample villages

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

ii) For the other rivers, two largest villages and one medium sized village are selected from all the rivers. 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 have 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 the Department of Fisheries. Besides, leaseholders or different cooperatives take initiative to release fingerlings to beels. So, one beel should be selected from natural beel and one beel from stocked beel/beel nursury, where fingerlings have been stocked. On the other hand, one beel has to be selected from productive beel and another from less productive.

Sample day: Once every month for each sample Beel (Beel- 2, Beel- 3, Beel- 4, Beel- 5, 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 in two ways as Katta fishing and other fishing where fish is caught by gear & other units.

Other fishing

- Data on fish catch by species wise once in a month during the fishing period of beel.
- He has to collect data on the visiting day and also the previous day (Format Beel- 2).
- A 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 seasons based on total no. of fishing days and sample data has to be estimated (Format Beel- 4).

Katta Fishing

- At the 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 supplied it to FRSS. Besides, officers also collect data in relation to Shrimp farms using Shrimp Farm (Form-1 & 2*)*.

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

Subsistence/Floodplain

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

- One sample village is to be selected for each district, which should be representative for the district.
- Firstly, 100 households are to be listed in each sample village (Form S-1 and F-1)
- 10 sample households are to be selected out of 100 households by systematic sample.
- In order to see seasonal change and long-term trend of the catch by the sample fishing households, the sample households are not to be changed for a few years.
- A certain day of the month is to be selected as a survey day for sample village. The survey day is to be the same day of the month every month.
- The Officer is to visit sample subsistence/floodplain fishing households and interview the head of household or any other member on their fishing activities during the previous month (Form S-2 and F-2). Besides, he will try to observe actual catches by subsistence catchers.

Baor Fisheries

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

- **Management of Baor:** Some baors are managed by the government and others are managed privately. There are some baors at 04 districts of Dhaka division (04 nos. baors) and 10 districts of Khulna division (14 nos. baors).
- **Government managed Baor:** 06 baors are managed by the Government**.**
- **Production data of Govt. managed baor:** Respective Baor Manager provides necessary yearly production data of Govt. managed baor (6 baors) by species wise (Form- Baor-1 & Baor -2).
- **Privately Managed Baor:** Sample baor (1 to 3 nos.) has to be selected for each district for accumulating data. The Investigator will visit baor once a month and talk to leaseholder, cooperative and fishers collect information (Form - Baor-1 & Baor -2).

Seasonal Cultured Waterbody (SCW)

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

- Listing of all Seasonal Cultured Waterbodies (SCWs) with area and number.
- Data collection on sample basis at Upazila level (Form SCW-1 & SCW-2).

Pen and Cage Culture

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

Kaptai Lake Fisheries

The purpose of the catch assessment survey of the Kaptai Lake fisheries is to collect data on catch and fishing effort of the fisheries for estimating the total catch by months, fishing gear and by species. Bangladesh Fisheries Development Corporation (BFDC) usually provides yearly total production of Kaptai Lake fisheries. After compilation of catch statistics of Kaptai Lake done by BFDC is included in the Yearbook of Fisheries Statistics of Bangladesh.

Sundarbans Fisheries

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

Marine Fisheries

Marine Industrial Fisheries (Trawl Fishing)

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

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

Marine Artisanal Fisheries

The purpose of the catch assessment survey of the marine artisanal fisheries is to collect sample catch data and producer price data necessary for estimating total catches, their values and corresponding Fishing effort based on districts, months, types of gear and species.

A stratified random sampling technique is adopted by the Marine Fisheries Survey Management Unit (MFSMU) for the estimation of the fish landings. The stratification is over both space and time. Over space, total coastal area is divided into two non-overlapping zones on the basis of ecosystem and geographical considerations. The stratification over time is by calendar month. Each zone and a calendar month are taken as the basis of space-time stratum.

Frame Survey

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

Fishing Unit: Fishing unit identified based on 1) fishing behavior and 2) fishing gear:

Three types of fishing behavior corresponding to the 5 types of gear operations.

1) Boat Type by Fishing Behavior (Duration at Sea):
   a) Single day
   b) Multi-days (2 to 5 days)
   c) Multi-days (>=6 days)

2) Fishing Gear Type
   a) Gill Net/Trammel Net > 1000 (m)
   b) Gill Net/Trammel Net upto 1000 (m)
   c) Set Bag Net
   d) Hook and Line Fishing
   e) Other Gears/Traps Fishing

A total (3 x 5=15) of fishing units taken into consideration. Fishing unit is a combination of boat & gear.

Sample Landing Centers

14 coastal districts divided into two major strata: a) Coastal Fisheries (Stratum-1), b) Marine Fisheries (Stratum-2).

a) Stratum-1 (09 districts): Barisal, Bhola, Barguna, Pirojpur, Patuakhali, Jhalokathi, Khulna, Satkhira, Bagerhat.
b) Stratum-2 (05 districts): Chattogram, Cox's Bazar, Feni, Noakhali, Lakshmipur.

Sampling Days

Along the Bangladesh coast 212 landing center listed into frame survey and randomly sample from two major strata for 15 fishing unit every alternate day in every month.

Sample Landing

At the time of visiting a selected landing center the concern officer/enumerator will select boat operated with a certain type of gear on that sampling day. First he is to make a contact with a well-informed fisherman/skipper and ask him about the expected number of landings (boat arrival for landing) of that particular type of gear during the sampling day. Besides concern officer/enumerator also records catch assessment information about how many days fished in last 10 days (to calculate Probability of Active Boat; PAB). In present data collection system all data are recorded on **'Kobo Toolbox'** platform.

Observation of sample landings

The purpose of sample landing observation is to record sample catch data of one trip for particular gear type (fishing unit). If any sample landing consists of catches by more than one fishing gear or only a part of catch by more than one fishing gear the concern officer/enumerator has to ask the fisherman whether that catch by only one fishing unit and then record it. If it is impossible the sample landing to be changed then it is to be carried out to the next landings. The concerned officer is to interview to the head fisherman/skipper about the fishing unit, fishing operation, gear information and record data on **'Kobo Toolbox'** platform (form MA-1).

The concerned officer/enumerator observes landings survey of the sample fishing units and interview to the head fisherman/skipper about catch quantity, species composition and record data on **'Kobo Toolbox'** platform (form MA-2) for each fish species captured. Accuracy of eye-estimation of the quantity of landings is to be improved by weighting fish with a portable balance once in a while.

Estimation of monthly total catches

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

Probability of Active Boat (PAB) = (Actual fishing days in a time) /(Maximum Possible fishing days in a time)

Effort Calculation:

Effort deployed = Number of boat of specific gear type from frame survey × PAB × Active days in the Month

Catch Per Unit Effort (CPUE) Calculation:

CPUE= (Total catch per gear type obtained from observed sample catch data in a month / Effort for that gear type in a month)

Total Catch Calculation:

Estimated monthly total catch = (Catch Per Unit Effort (CPUE) per gear type obtained by the catch assessment survey × Effort for that gear type in a month)

CHAPTER 3

MAJOR FINDINGS

Bangladesh, blessed with vast potential water resources, is one of the world's leading fish producing countries with a total production of 50.18 lakh MT in 2023-24, whereas inland open water (capture) contributes 28.13% (14.12 lakh MT) and inland closed water (culture) contributes 59.34% (29.78 lakh MT) to total fish production. So, 87.47% of total fish production comes from inland fisheries. The growth rates of inland capture and inland culture fisheries are 2.06% and 4.42% respectively. On the other hand, Marine fisheries production is 6.29 lakh MT and its contribution to total fish production is 12.53% with growth rate -7.47%. The overall growth rate of total fish production in 2023-24 is 2.11%. The growth performance inland aquaculture shows an increased trend. The fish production has increased more than six times (7.54 lakh MT in 1983-84 to 50.18 lakh MT in 2023-24) during the last 41 years (Fig. 3.1a, 3.1b, 3.1c).

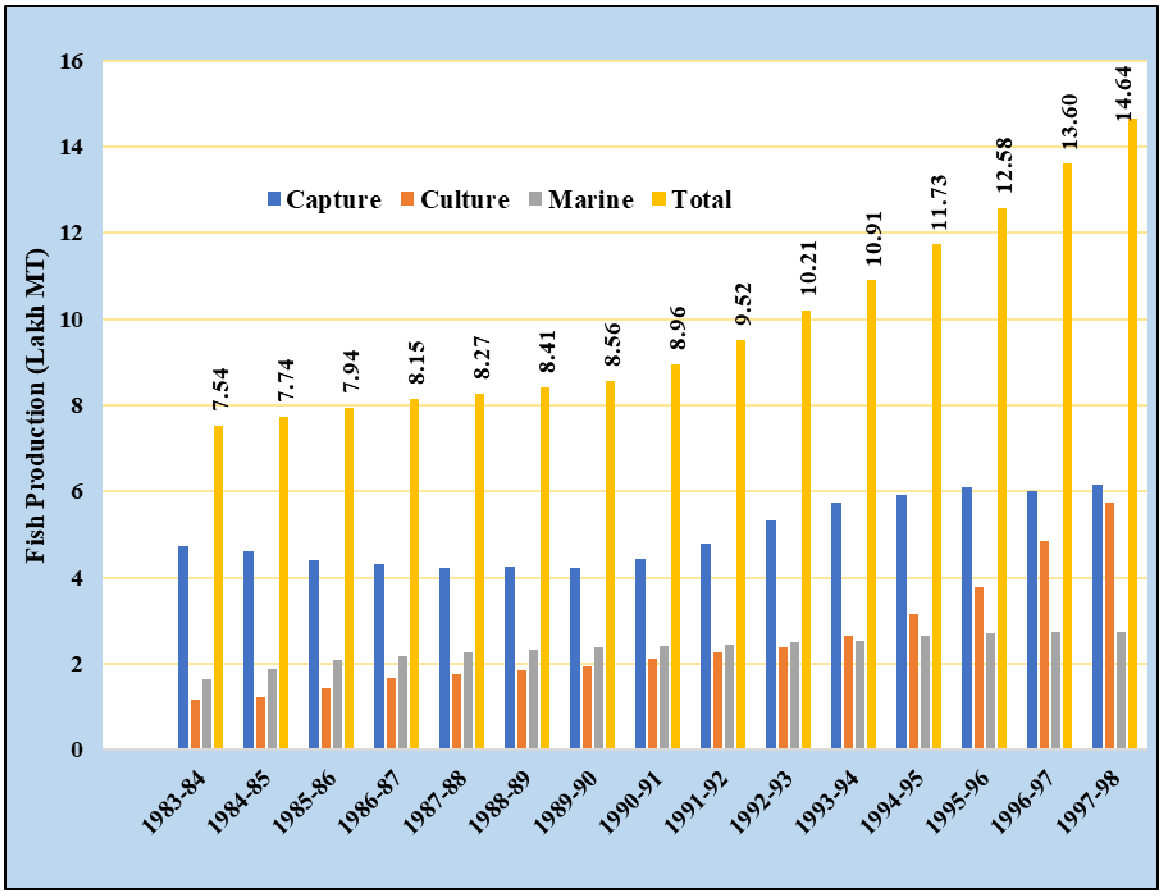

Fig. 3.1a: Sector-wise fish production trend (lakh MT) (1983-84 to 1997-98)

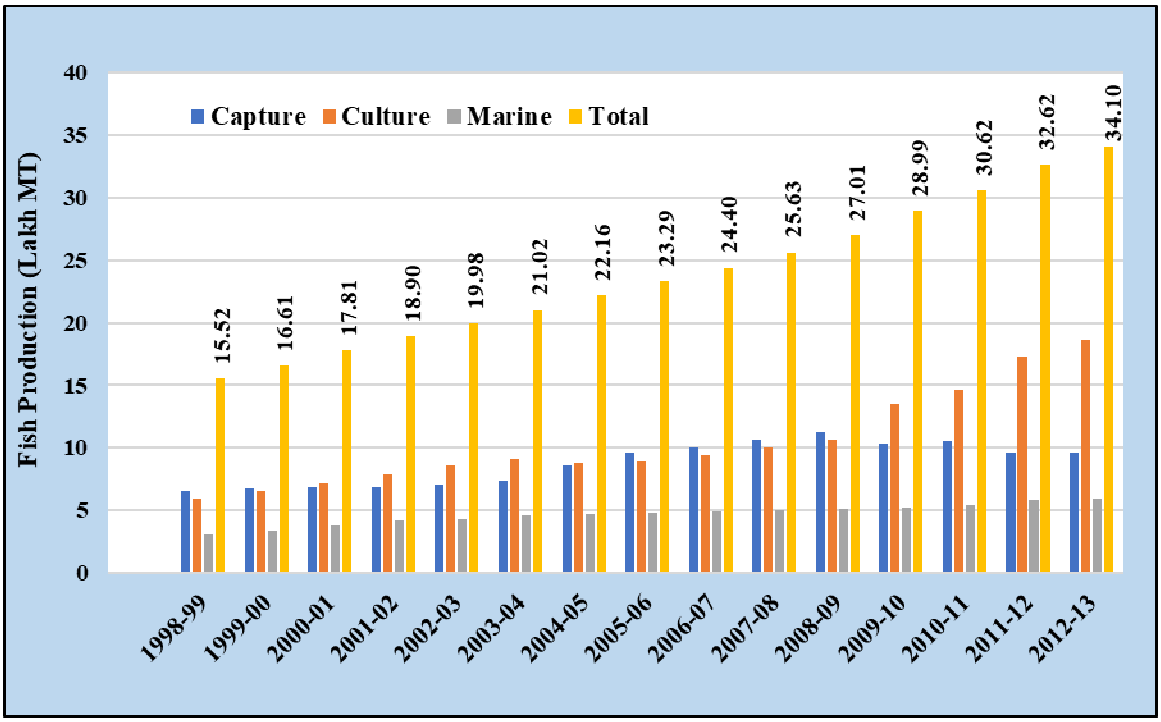

Fig. 3.1b: Sector-wise fish production trend (lakh MT) (1998-1999 to 2012-13)

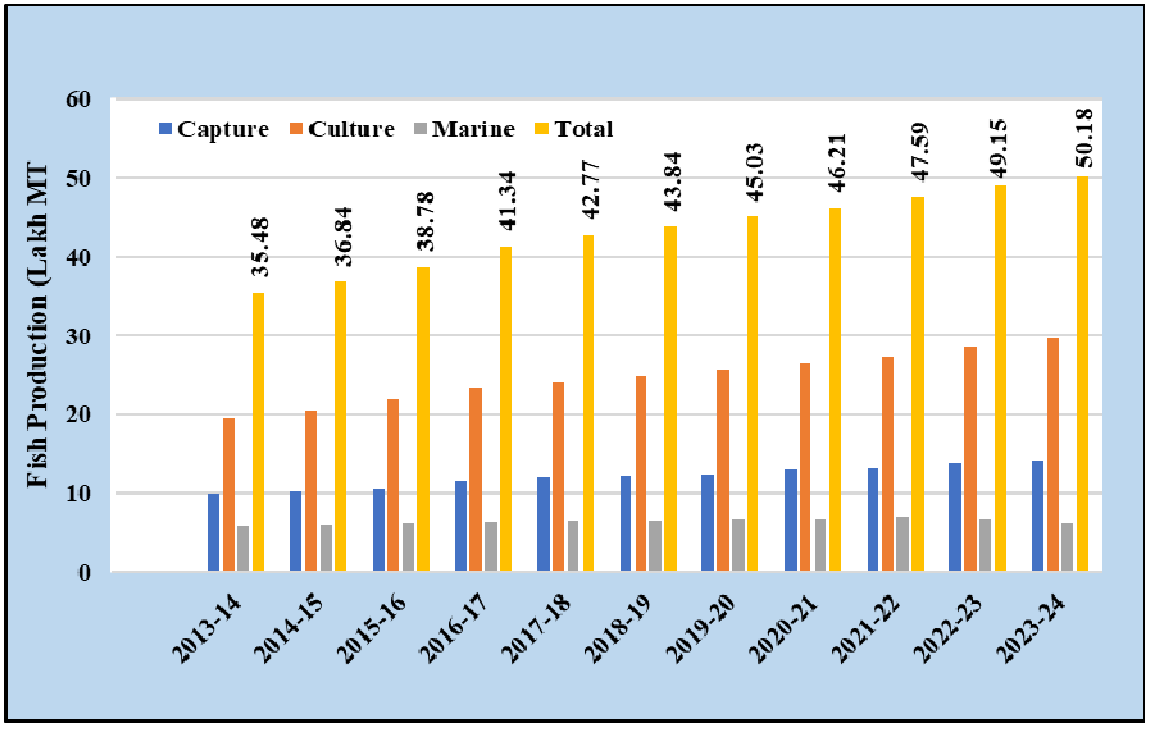

Fig. 3.1c: Last 11 years sector-wise fish production trend (lakh MT) (2013-14 to 2023-24)

The fish production diversity of fisheries resources of inland open water fisheries of river, beel, floodplain and Kaptai lake in 2023-24 are 4.01 lakh MT, 1.11 lakh MT, 8.52 lakh MT and 0.19 lakh MT, respectively and corresponding growth rates are 3.00, 2.02, 1.14 and 12.88 percent, respectively. The respective contributions to total production are 7.98, 2.21, 16.98 and 0.38 percent. Fish production has increased compared to previous year. The production of Sundarbans fishery has increased, its production is 0.29 lakh MT and contributes 0.58% to total production and consequently its growth rate is 10.91% (Fig. 3.2).

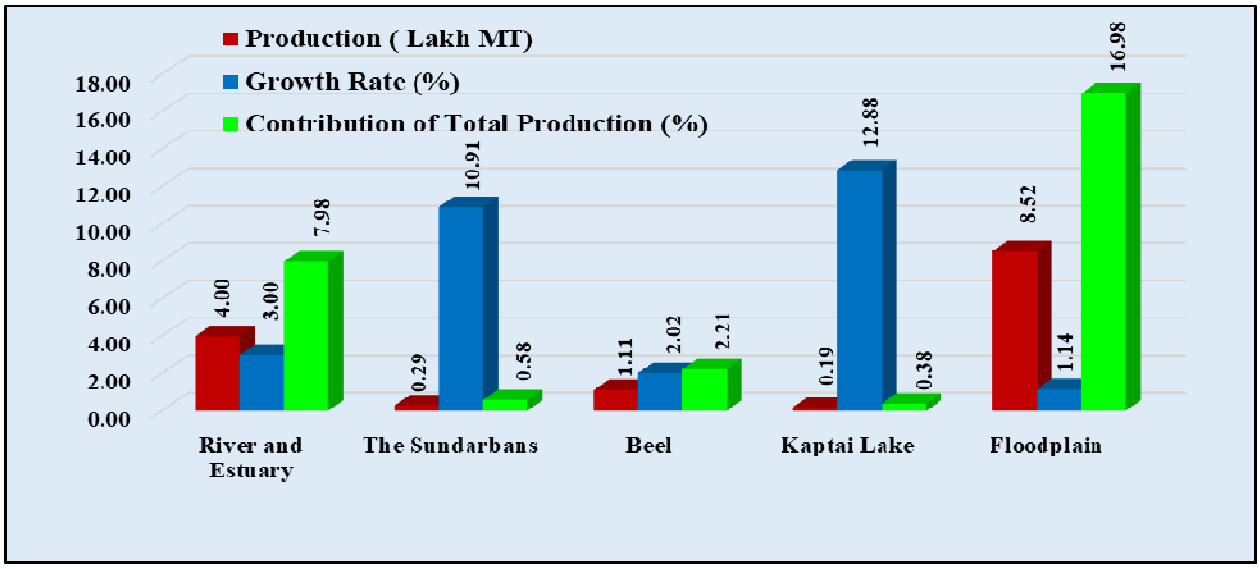

Fig. 3.2: Fish production diversity of inland open water fisheries in 2023-24

The growth performance of inland capture shows a slightly moderate increased trend. The capture fish production has increased around 3 times more (4.72 lakh MT in 1983-84 to 14.12 lakh MT in 2023-24) in which floodplain fish production has increased 4.24 times more (2.01 lakh MT in 1983-84 to 8.52 lakh MT in 2023-24) over the last four decades. In this period, the fish productions of inland capture fisheries of river, beel, floodplain and Kaptai Lake are shown in following graph (Fig. 3.3)

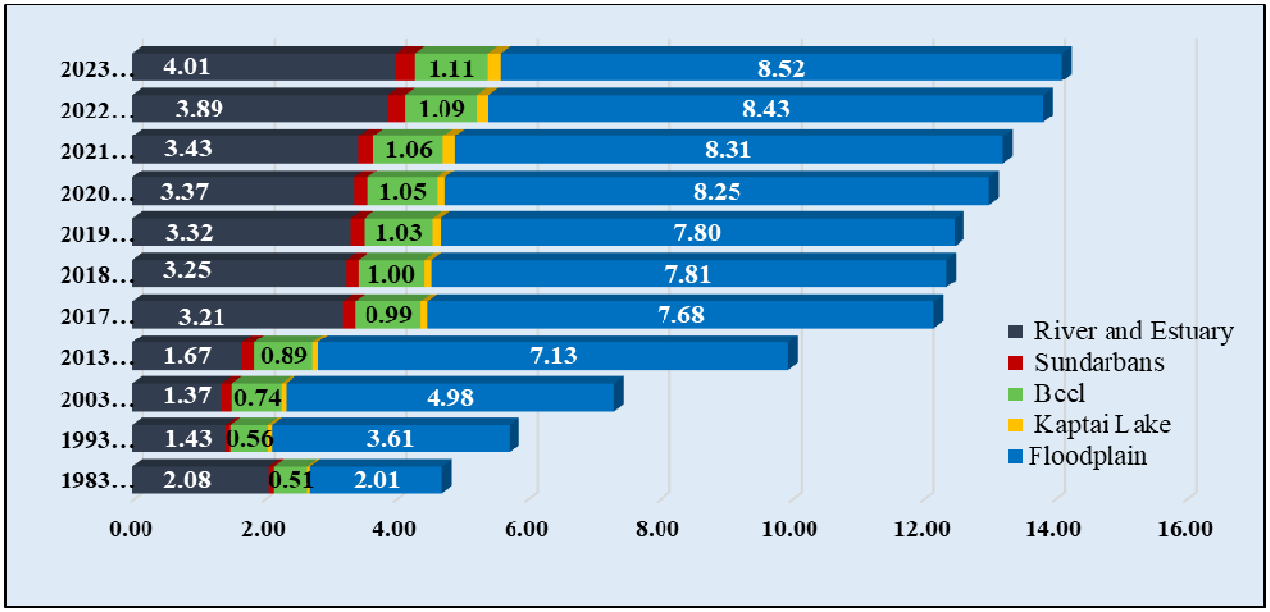

Fig. 3.3: Last 41 years source-wise fish production of capture fisheries (Lakh MT)

The fish production (aquaculture) of pond, seasonal cultured waterbody, baor, shrimp farm, pen culture and cage culture (inland closed waterbody-culture) in 2023-24 are 23.69 lakh MT, 2.47 lakh MT, 0.13 lakh MT, 3.15 lakh MT, 0.18 lakh MT, 0.05 lakh MT, respectively. Subsequently, the corresponding contributions to total production are 47.20, 4.92, 0.26, 6.28, 0.36 and 0.11 percent, respectively. The corresponding growth rates are 4.23, 6.52, 6.05, 4.74, 10.49 and 3.77 percent, respectively. Crab production is 0.11 lakh MT which is included from 2015-16 in the yearbook (Fig. 3.4).

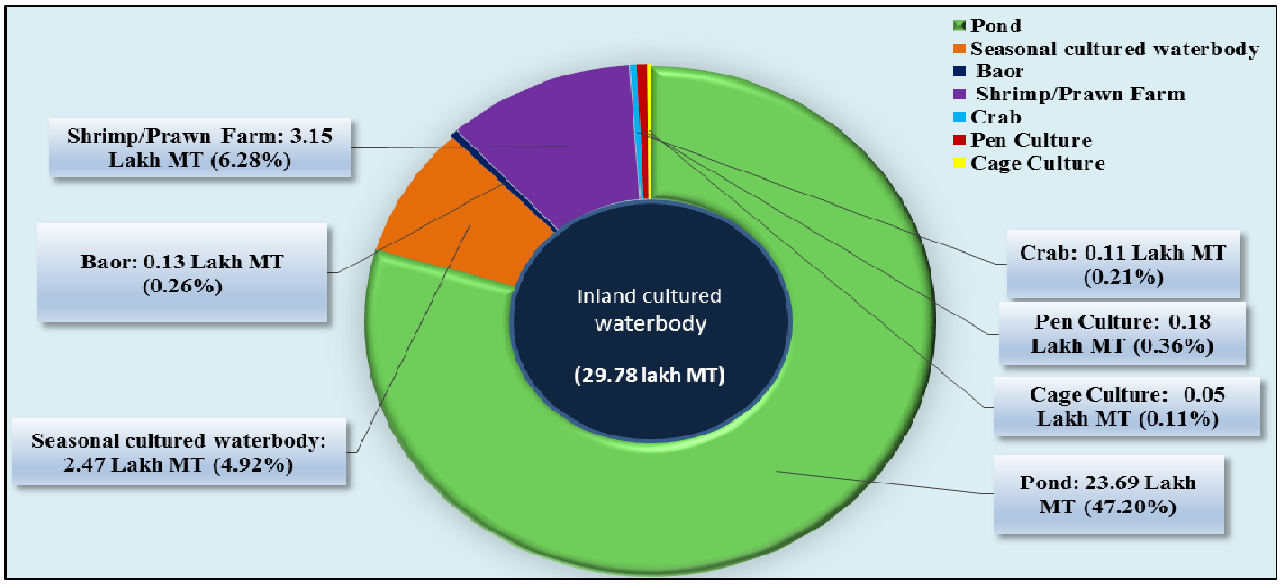

Fig. 3.4: Fish production diversity of inland cultured waterbody in 2023-24
(Parenthesis indicates contribution percentage)

Aquaculture has been the most rapidly growing agro-food sector in Bangladesh over the last four decades. The overall growth performance from inland aquaculture shows a moderate, reasonable, and admirable increasing trend. During the last four decades, the fish productions of inland culture fisheries of pond, seasonal cultured waterbody, baor, shrimp farm, cage culture and pen culture are shown in following graph (Fig. 3.5).

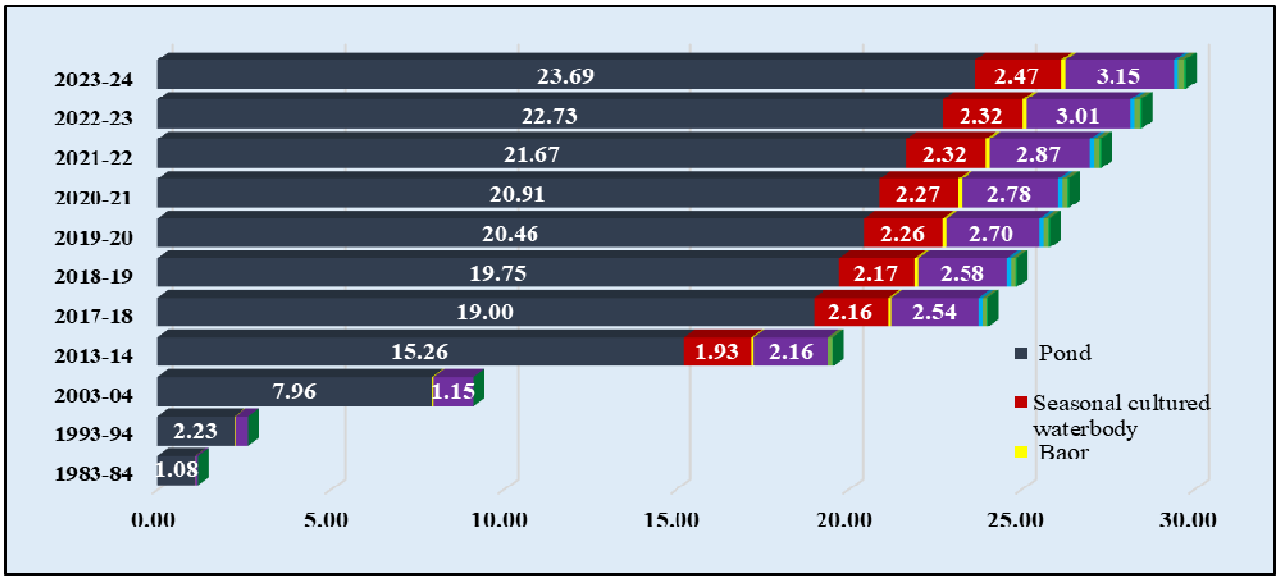

Fig. 3.5: Last 41 years source-wise Inland aquaculture fish production (Lakh MT)

In Bangladesh, aquaculture production systems are mainly extensive and improved extensive, with some semi-intensive and in very few cases intensive systems. The present unit area aquaculture productions (MT/ha) are 5.58, 1.66, 2.07 and 1.20 for pond, seasonal waterbody, baor (oxbow lake) and shrimp farm, respectively. There are two types of aquaculture practices are going on in Bangladesh - freshwater and coastal aquaculture. Freshwater aquaculture comprises mainly pond farming of carps (indigenous and exotic), pangas, tilapia, climbing perch and a number of other domesticated fish. Coastal aquaculture is comprised mainly of shrimp and prawn farming in ghers (coastal pond or enclosures). Species-wise fish production of pond aquaculture in FY 2023-24 are shown in the following graph (Fig. 3.6).

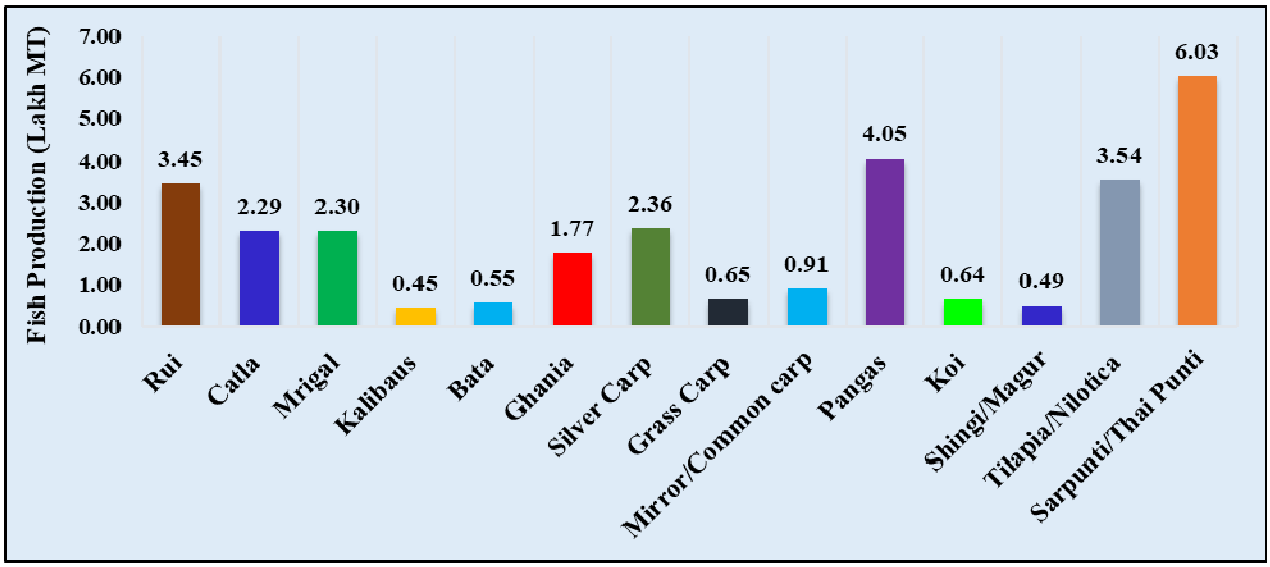

Fig. 3.6: Species-wise fish production of pond aquaculture in 2023-24 (Lakh MT)

In Bangladesh, on the basis of fish production of pond aquaculture, the top 8 fish species are Pangas, Tilapia, Rui, Silver carp, Mrigal, Catla, Common Carp and Koi. During last 3 years of fish production of pond aquaculture of top 8 fish species is shown in the following graph (Fig. 3.7).

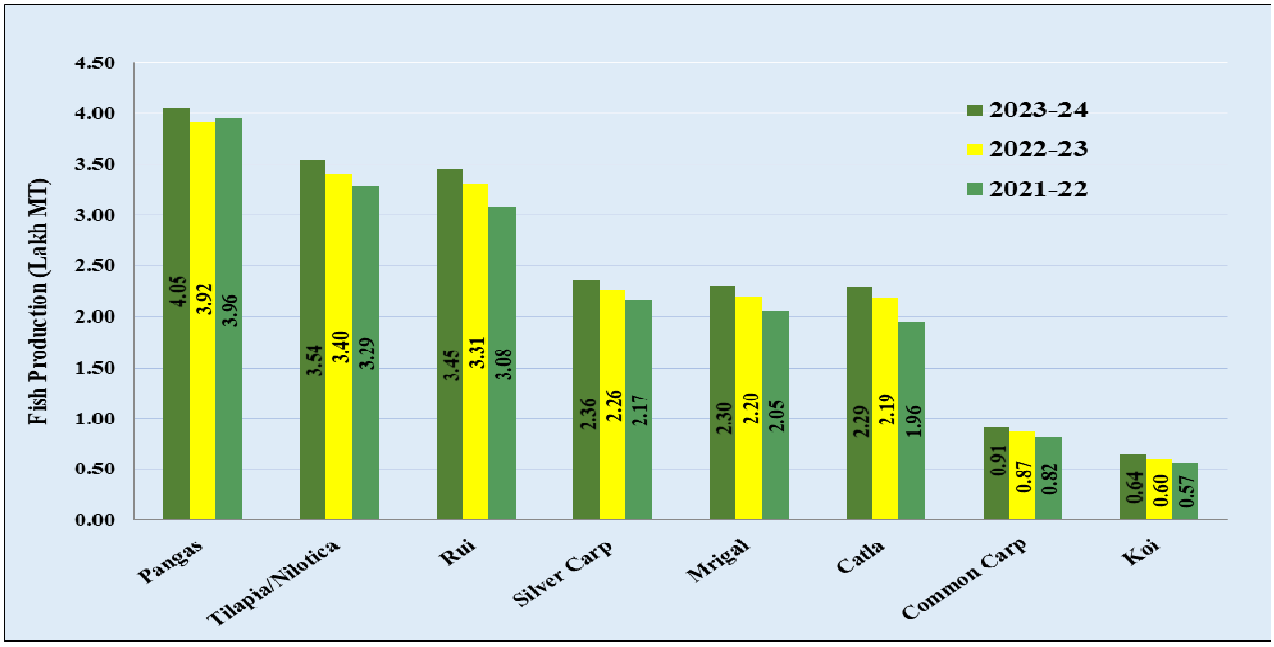

Fig. 3.7: Last three years production performance of top eight potential Pond aquaculture species (Lakh MT)

In 1983-84, the contribution of inland capture, culture and marine fisheries to total fish production were 62.59%, 15.53% and 21.88%, respectively; whereas in 2023-24, inland capture fisheries contribute only 28.13%, inland culture fisheries contribute 59.34%, marine fisheries contribute 12.53% to total fish production. Total marine fisheries production is 6.29 lakh MT (Industrial is 1.15 lakh and Artisanal is 5.14 lakh MT) and its growth rate is -7.47%. Aquaculture has been progressing with reasonable success due to the expansion of various developed technologies. Now a day's pen and cage culture are getting popular and are the most widely practiced culture system in Bangladesh. During the last 41 years, aquaculture contribution to total fish production has been increased remarkablely15.53% in 1983-84 to 2023-24 of 59.34% which is shown in following graph (Fig. 3.8)

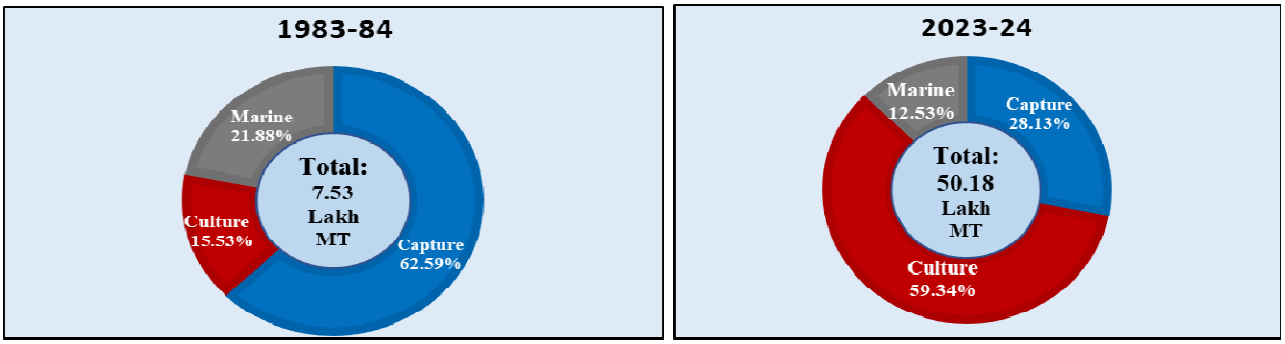

Fig. 3.8: Contribution of inland capture, culture, and marine fisheries to total fish production

Hilsa (Ilish) is the national fish of Bangladesh. Hilsa (*Tenualosa Ilisha*) is one of the largest single-species fishery in Bangladesh which makes the Significant contribution to the country's total fish production. About 10.55% of the country's total fish production comes from hilsa. The growth rate of hilsa production is -7.33%. It is highly noted that Hilsa has been declared as Geographical Indicator (GI) product of Bangladesh and the production of Hilsa this year is about 5.29 Lakh MT. The following grap shows the production trends of last two decades (Fig. 3.9).

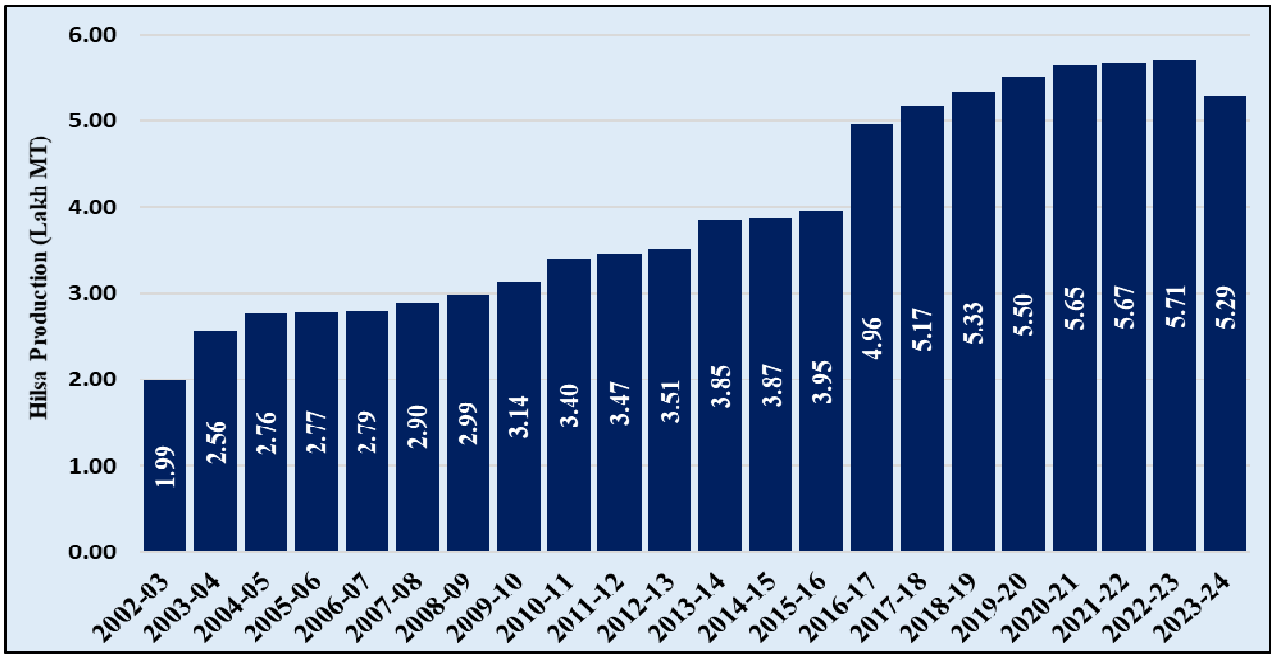

Fig. 3.9: Hilsa (shad) production trends over last two decades

Shrimp is one of the major export items in Bangladesh. Total shrimp and prawn production including capture has 2.60 lakh MT in 2023-24 and its current growth rate is -3.99%. Coastal aquaculture both shrimp and prawn and finfish farming are expanding, and total shrimp and prawn production have been increased over the last 20 years, which are shown in the following graph (Fig. 3.10).

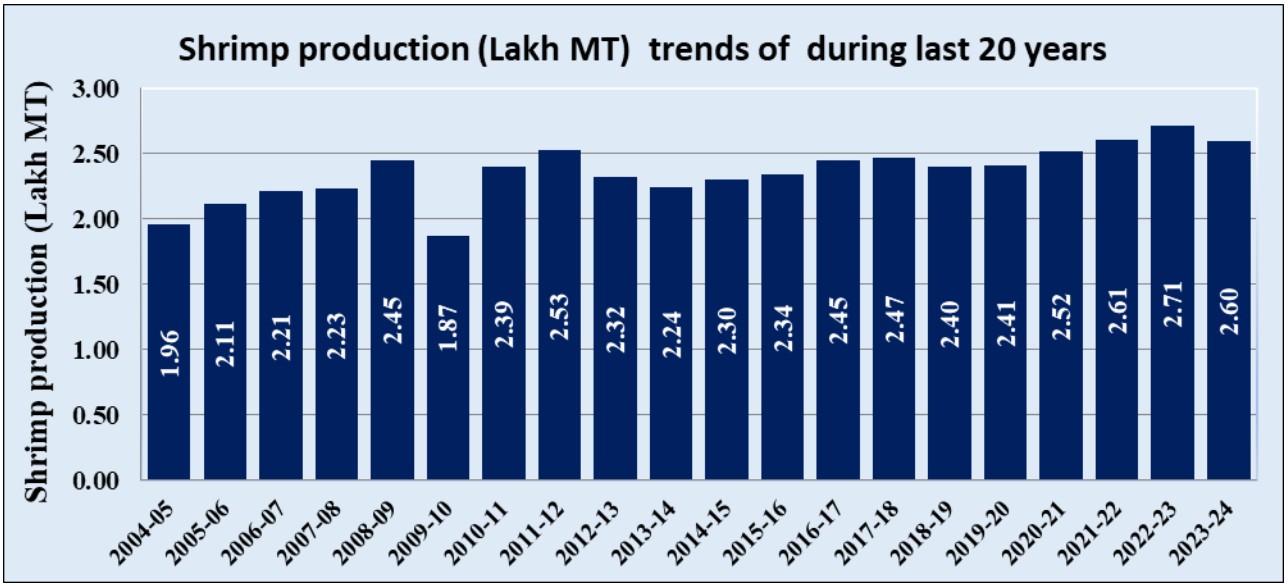

Fig. 3.10: Shrimp production trends during last 20 years (Lakh MT)

Fish and fishery products are one of the major export commodities of Bangladesh. Mainly galda, bagda, harina and other species of shrimp and different marine fishes like sea bass, datina, pomfret, cuttle fish, crab, cuchia etc. are exported from Bangladesh. Besides these, dry fish, finfish scale and shrimp shell are also exported. Bangladeshi fish and fishery products are exported to more than 50 countries including European Union (EU), USA, Japan, Russia, China etc. EU countries are the major importers of Bangladeshi fish and fishery products. In the fiscal year 2023-24, Bangladesh earned 4531.86 crore taka by exporting 77407.94 MT of fish and fishery products. During the last two decades, the export trends and corresponding foreign earnings (in crore) are shown in the following graph (Fig. 3.11).

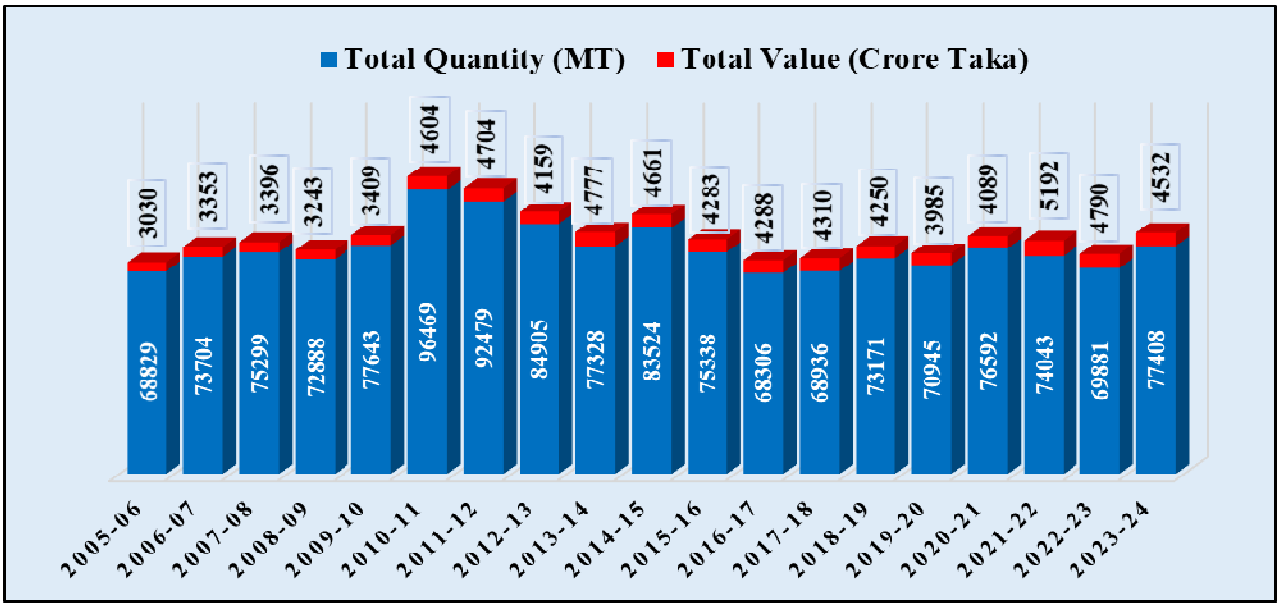

Fig. 3.11: Last two decades export trends of fish and fishery products and corresponding foreign earnings

This yearbook of fisheries statistics is published with the objective of providing necessary, defined, and precise fisheries *production information facilitating resource-based fisheries planning and development. The major findings are presented in the following tables.* (Table 3.1 to 3.45).

Table 3.1. Sector-wise Annual Fish Production of Inland and Marine Fisheries in 2023-24

Sector of Fisheries	Water Area (Hectare)	Production (Metric Ton)	% of Production	Productivity	
A. Inland Fisheries					
(i) Inland Open Water (Capture)					
1. River and Estuary	853863	400701	*7.98*	469	kg/ha
2. The Sundarbans	177700	28888	*0.58*	163	kg/ha
3. Beel	114161	110817	*2.21*	971	kg/ha
4. Kaptai Lake	68800	19253	*0.38*	280	kg/ha
5. Floodplain	2646757	852137	*16.98*	322	kg/ha
Capture Total	***3861281***	***1411796***	***28.13***		
(ii) Inland Closed Water (Culture)					
6. Pond	424168	2368741	*47.20*	5584	kg/ha
7. Seasonal Cultured Waterbody	148537	246686	*4.92*	1661	kg/ha
8. Baor	6218	12893	*0.26*	2073	kg/ha
9. Shrimp/Prawn Farm	262217	315387	*6.28*	1203	kg/ha
-Crab*	16672	10782	*0.21*	647	kg/ha
10. Pen Culture	9882	18123	*0.36*	1834	kg/ha
11. Cage Culture **	*1.93 lakh cum*	5452	*0.11*	28	kg/cum
Culture Total	***867694***	**2978064**	**59.34**		
Inland Fisheries Total	4728975	4389860	87.47		
B. Marine Fisheries					
12. Industrial (Trawling)		114804	*2.29*		
13. Artisanal		513819	*10.24*		
Marine Fisheries Total		628623	12.53		
COUNTRY TOTAL		5018483	100		

Note:

1. ***Catch of River, Beel and Baor is estimated by catch assessment survey on the basis of Frame Survey and water area from SPARRSO (Space Research and Remote Sensing Organization) Report, 1983.***
2. ***Catch data of the Sundarbans are supplied by Forest Department and water area of the Sundarbans is estimated on the basis of Integrated Resource Development of Sundarbans Reserved Forest, 1994.***
3. ***Catch data of Kaptai Lake are supplied by Bangladesh Fisheries Development Corporation (BFDC).***
4. ***Seasonal cultured waterbody includes Paddy field, Floodplain, Borrow pit etc. which are under in fish culture.***
5. ***Catch data of Marine Fisheries are supplied by Marine Wing, Department of Fisheries.***

* ***Crab production has been included since 2015-16.***

** ***The volume of cage is 1,93,029 cubic meter assuming one-meter average depth of the cages over 19.30 ha water area. This area is already included with River and Estuary area.***

Table 3.2. Species/Group-wise Annual Fish Production of Inland and Marine Fisheries in 2023-24

[Unit: Metric Ton]

Sl. No.	Species/Group	Inland Fisheries	Marine Fisheries	Total	%
1	Major Carp	1136095	0	1136095	*22.64*
2	Other Carp	156998	0	156998	*3.13*
3	Exotic Carp	567242	0	567242	*11.30*
4	Pangas (Catfish)	418629	0	418629	*8.34*
5	Other Catfish	79883	0	79883	*1.59*
6	Snake Head	83242	0	83242	*1.66*
7	Live Fish	192576	0	192576	*3.84*
8	Tilapia	439678	0	439678	*8.76*
9	Other Inland fish	695414	0	695414	*13.86*
10	Hilsa/Ilish *(Tenualosa Ilisha)*	248569	280918	529487	*10.55*
11	Shrimp/Prawn	234217	26269	260486	*5.19*
12	Crab (*Scylla serrate* & *Scylla olivacea*)	10782	0	10782	*0.21*
13	Sarpunti (*Puntius sarana*)	118005	0	118005	*2.35*
14	Cuchia	8530	0	8530	*0.17*
15	Sardine *(Sardinella fimbriata)*	0	23703	23703	*0.47*
16	Bombay Duck (*Harpondon nehereus)*	0	78221	78221	*1.56*
17	Indian Salmon (*Polydactylus indicus)*	0	115	115	*0*
18	Pomfret (Rup/Hail/Foli Chanda*)*	0	11476	11476	*0.23*
19	Jew Fish (Poa, Lambu, Kala datina etc.)	0	60686	60686	*1.21*
20	Sea Catfish (*Tachysurus* spp.*)*	0	17999	17999	*0.36*
21	Shark/Skate/Ray	0	2952	2952	*0.06*
22	Tuna and Tuna like fish	0	14493	14493	*0.29*
23	Other Marine Fish	0	111791	111791	*2.23*
TOTAL	**Production (Metric Ton)**	**4389860**	**628623**	**5018483**	**100**
	%	**87.47**	**12.53**	**100**	

Note:

1. ***Major Carp - Rui, Catla, Mrigal***
2. ***Other Carp - Kalibaus, Bata, Ghania***
3. ***Exotic Carp - Silver Carp, Grass Carp, Common Carp, Mirror Carp, Big Head Carp, Black Carp***
4. ***Other Catfish - Boal, Ayre, Silon, Rita***
5. ***Snake Head - Shol, Gazar, Taki***
6. ***Live Fish - Koi, Shingi, Magur***
7. ***Prawn - Galda and Other Inland Chingri***
8. ***Shrimp - Bagda and Other Coastal/ Marine Chingri***
9. ***Other Fish (Inland and Marine) - Includes all other fishes except those mentioned above.***

- **Crab production data has been included from 2015-16.**
- **Cuchia production data is incorporated seperately from 2019-20.**

Table 3.3. Species-wise Annual Fish Production of Inland Waterbodies in 2023-24

[Unit: Metric Ton]

Sl. No.	Species	River	The Sundar-bans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal Cultured Water body	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	Total	%
1	Rui	5196	0	14484	5	48827	345046	57897	1913	37029	2539	0	512936	11.68
2	Catla	3349	0	9331	7	21218	228978	25877	1198	27453	1767	0	319178	7.27
3	Mrigal	2525	0	10140	0	26331	229686	27456	932	5285	1626	0	303981	6.92
4	Kalibaus	1119	0	2028	6	3579	44608	567	139	0	214	0	52260	1.19
5	Bata	6245	0	1840	14	1619	55474	11274	320	3102	442	0	80330	1.83
6	Ghania	139	0	1274	0	1704	17736	2689	35	614	217	0	24408	0.56
7	Silver carp	0	0	4965	0	2812	236198	39568	1813	17149	1327	0	303832	6.92
8	Grass carp	0	0	2172	0	7328	64613	12877	716	1839	464	0	90009	2.05
9	Mirror/Common carp	0	0	2759	0	22411	91106	25063	407	1396	442	0	143584	3.27
10	Other Exotic carp	0	0	687	0	0	28816	0	64	0	250	0	29817	0.68
11	Pangas	4063	0	177	0	8862	404963	0	96	0	468	0	418629	9.54
12	Boal/Ayre	6663	0	5175	278	66296	985	197	222	0	67	0	79883	1.82
13	Shol/Gazar/Taki	1274	0	4067	34	73880	3189	395	329	0	74	0	83242	1.90
14	Koi	259	0	3036	0	10652	64222	1677	34	0	33	0	79913	1.82
15	Shingi/Magur	155	0	2227	6	61357	48696	123	23	0	76	0	112663	2.57
16	Tilapia/ Nilotica	0	0	1563	12	0	354142	25041	517	48553	4398	5452	439678	10.02
17	Sarpunti/Thai punti	521	0	4588	0	21644	60266	8930	290	19807	1959	0	118005	2.69
18	Other Inland Fish	94589	27598	33610	18734	422916	82841	4960	3236	5279	1651	0	695414	15.84
19	Hilsa	248114	455	0	0	0	0	0	0	0	0	0	248569	5.66
20	Big Shrimp/ Prawn	8260	301	78	0	1704	3244	814	61	142671	0	0	157133	3.58
21	Small Shrimp/ Prawn	14991	534	4555	157	46108	3760	1184	535	5153	107	0	77084	1.75
22	Crab	0	0	0	0	0	0	0	0	10782	0	0	10782	0.25
23	Cuchia	3239	0	2061	0	2889	172	97	13	57	2	0	8530	0.19
TOTAL		**400701**	**28888**	**110817**	**19253**	**852137**	**2368741**	**246686**	**12893**	**326169**	**18123**	**5452**	**4389860**	**100**
%		9.13	0.66	2.52	0.44	19.41	53.96	5.62	0.29	7.43	0.41	0.13	100	

Note:

1. ***Other Exotic Carp: Big Head Carp, Black Carp etc.***
2. ***Other Inland Fish: Punti, Chapila, Tengra, Papda, Baim, Mola etc.***
3. ***Big Shrimp/Prawn: Galda, Bagda, Harina, Chaka***
4. ***Small Shrimp/Prawn: Other small Chingri***

Table 3.4. District-wise Annual Fish Production of Inland Waterbodies in 2023-24

[Unit: Metric Ton]

District	River	The Sundar-bans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal Cultured Waterbody	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	**Total**
Dhaka	1291	0	894	0	6287	7935	4839	0	5	2654	0	23905
Faridpur	2819	0	557	0	10375	24071	6573	897	11	1262	0	46565
Gazipur	503	0	1785	0	16752	30884	8092	0	9	911	0	58936
Gopalganj	797	0	1133	0	9284	21833	3316	1106	2362	4866	20	44717
Kishoreganj	2707	0	7675	0	48412	30850	1159	0	4	140	0	90947
Madaripur	1794	0	329	0	8753	14678	222	1548	79	1475	196	29074
Manikganj	3238	0	758	0	11508	14583	3100	0	1	545	0	33733
Munshiganj	3723	0	313	0	12126	10912	5353	0	2	142	0	32571
Narayanganj	1860	0	200	0	1724	10826	3181	0	0	1216	0	19007
Narsingdi	3026	0	1383	0	13108	27250	1493	0	0	101	1649	48010
Rajbari	3198	0	331	0	6696	18444	2745	38	0	11	0	31463
Shariatpur	6628	0	92	0	5908	16698	74	0	50	5	5	29460
Tangail	1693	0	2702	0	11230	45375	2713	0	0	5	0	63718
Dhaka Division	**33277**	0	**18152**	**0**	**162163**	**274339**	**42860**	**3589**	**2523**	**13333**	**1870**	**552106**
Jamalpur	3536	0	3203	0	10411	23348	1674	0	6	0	18	42196
Mymensingh	1416	0	6686	0	11202	324345	1352	0	0	0	0	345001
Netrakona	1581	0	7342	0	38347	46067	4312	0	0	101	0	97750
Sherpur	1080	0	2641	0	2857	25779	1853	0	0	0	0	34210
Mymensingh Division	**7613**	**0**	**19872**	**0**	**62817**	**419539**	**9191**	**0**	**6**	**101**	**18**	**519157**
Bagerhat	5700	23713	41	0	7869	19273	1915	20	81225	209	3	139968
Chuadanga	396	0	1102	0	1463	12599	1515	1685	0	0	0	18760
Jashore	1034	0	1995	0	36453	143952	27103	4012	33540	0	0	248089
Jhenaidah	403	0	1132	0	6523	30821	4165	2651	0	0	0	45695
Khulna	4209	1915	269	0	21241	21521	1353	0	81198	0	3	131709
Kushtia	1420	0	635	0	4006	26707	4465	207	1	0	0	37441
Magura	1241	0	231	0	3128	12851	129	268	58	0	0	17906
Meherpur	329	0	483	0	1097	7911	221	256	1	0	0	10298
Narail	1039	0	702	0	3395	5522	634	0	4850	2	0	16144
Satkhira	1547	3260	40	0	14276	48981	2121	205	85921	0	0	156351
Khulna Division	**17318**	**28888**	**6630**	**0**	**99451**	**330138**	**43621**	**9304**	**286794**	**211**	**6**	**822361**
Barguna	7295	0	0	0	3803	8834	783	0	663	0	81	21459
Barishal	49674	0	40	0	10770	42688	7412	0	2945	37	63	113629
Bhola	110836	0	0	0	5599	39875	449	0	43	0	107	156909
Jhalokati	2558	0	15	0	4939	5587	621	0	191	125	0	14036
Patuakhali	35259	0	0	0	11021	28557	256	0	3588	13	0	78694
Pirojpur	4082	0	18	0	4319	10480	1621	0	2608	0	26	23154
Barishal Division	**209704**	**0**	**73**	**0**	**40451**	**136021**	**11142**	**0**	**10038**	**175**	**277**	**407881**

Cont'd….

[Unit: Metric Ton]

District	River	The Sundar-bans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal Cultured Waterbody	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	**Total**
Dinajpur	364	0	639	0	6444	59423	4426	0	15	0	8	**71319**
Gaibandha	2640	0	854	0	6495	29280	2559	0	0	395	13	**42236**
Kurigram	4650	0	1468	0	11511	24011	5620	0	3	507	20	**47790**
Lalmonirhat	263	0	678	0	1719	16690	4837	0	0	159	0	**24346**
Nilphamari	253	0	558	0	3788	22881	1616	0	4	45	9	**29154**
Panchagarh	161	0	81	0	3128	15843	1090	0	0	230	14	**20547**
Rangpur	217	0	2018	0	8647	36010	4158	0	31	63	0	**51144**
Thakurgaon	154	0	364	0	4110	29562	687	0	0	14	0	**34891**
Rangpur Division	**8702**	**0**	**6660**	**0**	**45842**	**233700**	**24993**	**0**	**53**	**1413**	**64**	**321427**
Bogura	1133	0	2821	0	5075	97936	734	0	19	63	13	107794
Chapainawabganj	2250	0	3616	0	1843	15491	221	0	0	127	11	23559
Joypurhat	218	0	295	0	287	26117	639	0	24	0	0	27580
Naogaon	1400	0	5849	0	15603	67812	706	0	6	0	0	91376
Natore	1033	0	1231	0	17102	59985	322	0	7	17	0	79697
Pabna	4980	0	2427	0	11932	53236	3066	0	7	282	344	76274
Rajshahi	3783	0	4169	0	6997	77691	2045	0	1	0	5	94691
Sirajganj	5084	0	827	0	34407	32891	1168	0	10	47	1425	75859
Rajshahi Division	**19881**	**0**	**21235**	**0**	**93246**	**431159**	**8901**	**0**	**74**	**536**	**1798**	**576830**
Bandarban	227	0	0	0	200	1922	0	0	0	0	0	2349
Brahmanbaria	2380	0	622	0	22183	43463	4242	0	0	287	120	73297
Chandpur	40748	0	338	0	25598	44503	2956	0	63	1400	959	116565
Chattogram	7983	0	70	0	790	76120	5420	0	977	0	0	91360
Cumilla	1228	0	357	0	73978	156812	82730	0	128	84	140	315457
Cox's Bazar	4897	0	0	0	2029	6020	574	0	24571	0	0	38091
Feni	1486	0	0	0	7296	30345	530	0	239	7	14	39917
Khagrachhari	63	0	9	0	0	4684	0	0	0	0	0	4756
Lakshmipur	25915	0	0	0	10866	35951	728	0	289	9	58	73816
Noakhali	15268	0	0	0	28606	56824	1731	0	414	0	0	102843
Rangamati	249	0	0	19253	5	2593	0	0	0	118	128	22346
Chattogram Division	**100444**	**0**	**1396**	**19253**	**171551**	**459237**	**98911**	**0**	**26681**	**1905**	**1419**	**880797**
Habiganj	1122	0	2840	0	29998	21147	1399	0	0	306	0	56812
Moulvibazar	568	0	2997	0	26859	26066	815	0	0	0	0	57305
Sunamganj	1013	0	25615	0	73383	12232	1865	0	0	22	0	114130
Sylhet	1059	0	5347	0	46376	25163	2988	0	0	121	0	81054
Sylhet Division	**3762**	**0**	**36799**	**0**	**176616**	**84608**	**7067**	**0**	**0**	**449**	**0**	**309301**
TOTAL	**400701**	**28888**	**110817**	**19253**	**852137**	**2368741**	**246686**	**12893**	**326169**	**18123**	**5452**	**4389860**
%	**9.13**	**0.66**	**2.53**	**0.44**	**19.41**	**53.96**	**5.62**	**0.29**	**7.43**	**0.41**	**0.12**	**100**

Note: Shrimp Farm production included Crab production

Table 3.5. District-wise Annual Fish Catch of All Rivers in 2023-24

[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	759	0	0	0	759	532	**1291**
Faridpur	0	0	2105	0	0	0	2105	714	**2819**
Gazipur	0	0	0	0	0	0	0	503	**503**
Gopalganj	0	0	0	0	0	0	0	797	**797**
Kishoreganj	0	1189	0	0	0	0	1189	1518	**2707**
Madaripur	0	0	1433	0	0	0	1433	361	**1794**
Manikganj	0	0	2080	0	716	0	2796	442	**3238**
Munshiganj	0	1534	1705	0	0	0	3239	484	**3723**
Narayanganj	0	1405	0	0	0	0	1405	455	**1860**
Narsingdi	0	2436	0	0	0	0	2436	590	**3026**
Rajbari	0	0	1240	1248	0	0	2488	710	**3198**
Shariatpur	2454	0	3560	0	0	0	6014	614	**6628**
Tangail	0	0	0	0	1214	0	1214	479	**1693**
Dhaka Division	**2454**	**6564**	**12882**	**1248**	**1930**	**0**	**25078**	**8199**	**33277**
Jamalpur	0	0	0	0	560	2685	3245	291	**3536**
Mymensingh	0	0	0	0	0	0	0	1416	**1416**
Netrakona	0	0	0	0	0	0	0	1581	**1581**
Sherpur	0	0	0	0	0	0	0	1080	**1080**
Mymensingh Division	**0**	**0**	**0**	**0**	**560**	**2685**	**3245**	**4368**	**7613**
Bagerhat	0	0	0	0	0	0	0	5700	**5700**
Chuadanga	0	0	0	0	0	0	0	396	**396**
Jashore	0	0	0	0	0	0	0	1034	**1034**
Jhenaidah	0	0	0	0	0	0	0	403	**403**
Khulna	0	0	0	0	0	0	0	4209	**4209**
Kushtia	0	0	0	251	0	0	251	1169	**1420**
Magura	0	0	0	0	0	0	0	1241	**1241**
Meherpur	0	0	0	0	0	0	0	329	**329**
Narail	0	0	0	0	0	0	0	1039	**1039**
Satkhira	0	0	0	0	0	0	0	1547	**1547**
Khulna Division	**0**	**0**	**0**	**251**	**0**	**0**	**251**	**17067**	**17318**
Barguna	0	0	0	0	0	0	0	7295	**7295**
Barishal	43880	0	0	0	0	0	43880	5794	**49674**
Bhola	105140	0	0	0	0	0	105140	5696	**110836**
Jhalokati	0	0	0	0	0	0	0	2558	**2558**
Patuakhali	0	0	0	0	0	0	0	35259	**35259**
Pirojpur	0	0	0	0	0	0	0	4082	**4082**
Barishal Division	**149020**	**0**	**0**	**0**	**0**	**0**	**149020**	**60684**	**209704**

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	364	**364**
Gaibandha	0	0	0	0	358	1629	1987	653	**2640**
Kurigram	0	0	0	0	0	3947	3947	703	**4650**
Lalmonirhat	0	0	0	0	0	0	0	263	**263**
Nilphamari	0	0	0	0	0	0	0	253	**253**
Panchagarh	0	0	0	0	0	0	0	161	**161**
Rangpur	0	0	0	0	0	0	0	217	**217**
Thakurgaon	0	0	0	0	0	0	0	154	**154**
Rangpur Division	**0**	**0**	**0**	**0**	**358**	**5576**	**5934**	**2768**	**8702**
Bogura	0	0	0	0	299	0	299	834	**1133**
Chapainawabganj	0	0	0	1304	0	0	1304	946	**2250**
Joypurhat	0	0	0	0	0	0	0	218	**218**
Naogaon	0	0	0	0	0	0	0	1400	**1400**
Natore	0	0	0	556	0	0	556	477	**1033**
Pabna	0	0	0	2348	1091	0	3439	1541	**4980**
Rajshahi	0	0	0	1915	0	0	1915	1868	**3783**
Sirajganj	0	0	0	0	3079	0	3079	2005	**5084**
Rajshahi Division	**0**	**0**	**0**	**6123**	**4469**	**0**	**10592**	**9289**	**19881**
Bandarban	0	0	0	0	0	0	0	227	**227**
Brahmanbaria	0	1599	0	0	0	0	1599	781	**2380**
Chandpur	39037	0	0	0	0	0	39037	1711	**40748**
Chattogram	0	0	0	0	0	0	0	7983	**7983**
Cumilla	0	537	0	0	0	0	537	691	**1228**
Cox's Bazar	0	0	0	0	0	0	0	4897	**4897**
Feni	0	0	0	0	0	0	0	1486	**1486**
Khagrachhari	0	0	0	0	0	0	0	63	**63**
Lakshmipur	25516	0	0	0	0	0	25516	399	**25915**
Noakhali	15136	0	0	0	0	0	15136	132	**15268**
Rangamati	0	0	0	0	0	0	0	249	**249**
Chattogram Division	**79689**	**2136**	**0**	**0**	**0**	**0**	**81825**	**18619**	**100444**
Habiganj	0	182	0	0	0	0	182	940	**1122**
Moulvibazar	0	0	0	0	0	0	0	568	**568**
Sunamganj	0	0	0	0	0	0	0	1013	**1013**
Sylhet	0	0	0	0	0	0	0	1059	**1059**
Sylhet Division	**0**	**182**	**0**	**0**	**0**	**0**	**182**	**3580**	**3762**
TOTAL	**231163**	**8882**	**12882**	**7622**	**7317**	**8261**	**276127**	**124574**	**400701**
%	57.69	2.22	3.21	1.90	1.83	2.06	68.91	31.09	**100**

Annual Growth Rate: 3.00%

Table 3.6. Species-wise Annual Fish Catch of All Rivers in 2023-24

[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	1411	353	367	270	189	248	**2838**	2358	**5196**	1.30
2	Catla	902	199	223	180	143	202	**1849**	1500	**3349**	0.84
3	Mrigal	799	160	191	77	133	176	**1536**	989	**2525**	0.63
4	Kalibaus	27	68	109	58	71	160	**493**	626	**1119**	0.28
5	Bata	5622	86	0	0	10	0	**5718**	527	**6245**	1.56
6	Ghania	0	66	0	0	0	0	**66**	73	**139**	0.03
7	Pangas	3438	71	111	236	0	0	**3856**	207	**4063**	1.01
8	Boal/Ayre	3316	303	453	249	320	519	**5160**	1503	**6663**	1.66
9	Shol/Gazar/Taki	0	0	0	0	0	0	**0**	1274	**1274**	0.32
10	Koi	0	0	0	0	0	0	**0**	259	**259**	0.06
11	Shingi/Magur	0	0	0	0	0	0	**0**	155	**155**	0.04
12	Sarpunti	86	35	244	0	0	0	**365**	156	**521**	0.13
13	Cuchia	0	0	0	0	0	0	**0**	3239	**3239**	0.81
14	Other Inland Fish	21193	6122	5559	5763	5407	5724	**49768**	44821	**94589**	23.61
15	Hilsa/Ilish	187934	843	5103	517	484	152	**195033**	53081	**248114**	61.92
16	Galda	2924	201	155	29	45	90	**3444**	640	**4084**	1.02
17	Bagda	0	0	0	0	0	0	**0**	189	**189**	0.05
18	Harina	0	0	0	0	0	0	**0**	3606	**3606**	0.90
19	Chaka	0	0	0	0	0	0	**0**	381	**381**	0.09
20	Other small shrimp/prawn	3511	375	367	243	515	990	**6001**	8990	**14991**	3.74
TOTAL		**231163**	**8882**	**12882**	**7622**	**7317**	**8261**	**276127**	**124574**	**400701**	**100**

- Total Production (Principal River): 276127 MT Hilsa Production (Principal River): 195033 MT
- Total Production (Other River): 124574 MT Hilsa Production (Other River): 53081 MT
- Annual Growth Rate: 3.00% (Hilsa: -8.41**%** and other species: 29.15%)

Table 3.7. Species-wise Annual Fish Catch of Principal River Meghna in 2023-24

[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	165	735	86	55	126	244	**1411**	35	0	48	19	120	131	0	**353**	**1764**
2	Catla	156	395	59	41	74	177	**902**	31	0	24	13	76	55	0	**199**	**1101**
3	Mrigal	105	373	30	58	74	159	**799**	21	0	19	4	52	64	0	**160**	**959**
4	Kalibaus	0	0	0	0	27	0	**27**	12	0	12	0	20	24	0	**68**	**95**
5	Bata	1410	1065	352	2233	0	562	**5622**	0	0	15	0	26	45	0	**86**	**5708**
6	Ghania	0	0	0	0	0	0	**0**	0	0	15	0	51	0	0	**66**	**66**
7	Pangas	0	2561	236	0	39	602	**3438**	16	0	8	7	10	30	0	**71**	**3509**
8	Boal/Ayre	0	2514	105	0	80	617	**3316**	135	0	44	9	83	32	0	**303**	**3619**
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	86	0	**86**	35	0	0	0	0	0	0	**35**	**121**
13	Cuchia	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
14	Other Inland Fish	1790	4442	8026	1743	444	4748	**21193**	892	1283	201	2156	857	588	145	**6122**	**27315**
15	Hilsa/Ilish	10710	89013	34225	21025	1401	31560	**187934**	305	104	0	201	216	17	0	**843**	**188777**
16	Galda	395	1751	349	229	55	145	**2924**	19	0	57	8	29	86	2	**201**	**3125**
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	405	2291	412	132	48	223	**3511**	33	18	94	19	59	117	35	**375**	**3886**
TOTAL		**15136**	**105140**	**43880**	**25516**	**2454**	**39037**	**231163**	**1534**	**1405**	**537**	**2436**	**1599**	**1189**	**182**	**8882**	**240045**

Table 3.8. Species-wise Annual Fish Catch of Principal River Padma in 2023-24

[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	111	48	35	41	21	61	50	**367**	40	20	77	27	54	52	**270**	**637**
2	Catla	64	23	29	39	11	31	26	**223**	23	8	46	16	45	42	**180**	**403**
3	Mrigal	64	20	20	35	8	31	13	**191**	12	4	13	6	21	21	**77**	**268**
4	Kalibaus	25	36	12	13	7	10	6	**109**	8	3	20	7	10	10	**58**	**167**
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	32	16	16	15	0	17	15	**111**	1	8	46	31	98	52	**236**	**347**
8	Boal/Ayre	67	70	102	43	71	83	17	**453**	16	14	58	24	68	69	**249**	**702**
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	79	48	37	45	0	22	13	**244**	0	0	0	0	0	0	**0**	**244**
13	Cuchia	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	**0**	**0**
14	Other Inland Fish	467	1008	795	366	774	1554	595	**5559**	806	169	1953	418	1446	971	**5763**	**11322**
15	Hilsa/Ilish	2600	137	543	58	1090	225	450	**5103**	287	6	80	11	114	19	**517**	**5620**
16	Galda	12	10	77	13	0	22	21	**155**	6	3	5	0	0	15	**29**	**184**
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	39	17	39	91	98	49	34	**367**	49	16	50	16	59	53	**243**	**610**
TOTAL		**3560**	**1433**	**1705**	**759**	**2080**	**2105**	**1240**	**12882**	**1248**	**251**	**2348**	**556**	**1915**	**1304**	**7622**	**20504**

Table 3.9. Species-wise Annual Fish Catch of Principal River Jamuna and Brahmaputra in 2023-24

[Unit: Metric Ton]

Sl. No.	Species	Jamuna								Brahmaputra				Total	Grand Total
		Manikganj	Pabna	Tangail	Sirajganj	Bogura	Jamalpur	Gaibandha	Sub- Total	Jamalpur	Gaibandha	Kurigram	Sub- Total		
1	Rui	16	15	48	49	30	24	7	**189**	130	48	70	**248**	**437**	**2838**
2	Catla	9	9	30	56	13	19	7	**143**	100	45	57	**202**	**345**	**1849**
3	Mrigal	6	6	30	56	12	17	6	**133**	95	35	46	**176**	**309**	**1536**
4	Kalibaus	5	0	19	32	0	10	5	**71**	65	39	56	**160**	**231**	**493**
5	Bata	0	6	0	4	0	0	0	**10**	0	0	0	**0**	**10**	**5718**
6	Ghania	0	0	0	0	0	0	0	**0**	0	0	0	**0**	**0**	**66**
7	Pangas	0	0	0	0	0	0	0	**0**	0	0	0	**0**	**0**	**3856**
8	Boal/Ayre	61	50	102	13	30	36	28	**320**	192	178	149	**519**	**839**	**5160**
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**	**365**
13	Cuchia	0	0	0	0	0	0	0	**0**	0	0	0	**0**	**0**	**0**
14	Other Inland Fish	538	896	767	2545	127	291	243	**5407**	1614	930	3180	**5724**	**11131**	**49768**
15	Hilsa/Ilish	0	45	105	250	4	70	10	**484**	7	7	138	**152**	**636**	**195033**
16	Galda	0	5	12	0	13	10	5	**45**	52	38	0	**90**	**135**	**3444**
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	81	59	101	74	70	83	47	**515**	430	309	251	**990**	**1505**	**6001**
TOTAL		**716**	**1091**	**1214**	**3079**	**299**	**560**	**358**	**7317**	**2685**	**1629**	**3947**	**8261**	**15578**	**276127**

Table 3.10. Species-wise Annual Fish Catch of Other Rivers in 2023-24

[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	57	32	13	50	67	16	21	13	0	13	28	25	19	12	39	34	94	533
2	Catla	42	24	16	30	40	12	19	12	0	9	10	21	11	6	24	23	89	388
3	Mrigal	32	12	11	28	26	0	7	7	0	3	8	14	9	2	19	18	52	248
4	Kalibaus	44	33	25	35	12	8	15	15	0	4	10	15	6	7	100	26	34	389
5	Bata	0	4	12	0	1	0	3	14	0	0	0	0	0	0	0	0	5	39
6	Ghania	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	Pangas	0	7	0	7	1	0	0	12	0	0	12	0	9	0	0	0	0	48
8	Boal/Ayre/Guizza Ayre	39	30	10	21	56	15	11	97	0	0	34	22	15	10	103	26	90	579
9	Shol/Gazar/Taki	40	0	32	48	40	0	17	0	0	0	18	33	0	23	27	35	68	381
10	Koi	7	0	0	155	1	0	5	0	0	0	0	0	0	0	0	0	19	187
11	Shingi/Magur	0	0	0	0	1	0	17	0	0	0	0	0	0	0	0	0	18	36
12	Sarpunti	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
13	Cuchia	0	15	0	20	0	9	0	0	9	0	0	0	8	0	0	0	0	61
14	Other Inland Fish	121	483	250	239	1048	260	276	258	420	437	350	433	352	229	1051	1392	255	7854
15	Hilsa/Ilish	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
16	Galda	10	11	0	10	1	0	7	16	0	16	15	10	14	0	7	0	36	153
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	140	63	134	145	217	41	44	40	26	108	225	41	36	2	46	27	320	1655
	TOTAL	**532**	**714**	**503**	**797**	**1518**	**361**	**442**	**484**	**455**	**590**	**710**	**614**	**479**	**291**	**1416**	**1581**	**1080**	**12567**

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	23	30	11	0	54	91	5	53	0	0	0	0	0	0	0	267
2	Catla	0	18	14	10	0	36	78	3	14	0	0	0	0	0	0	0	173
3	Mrigal	0	0	8	0	0	8	15	1	46	0	0	0	0	0	0	0	78
4	Kalibaus	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
5	Bata	0	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0	64
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	25	0	12	12	12	0	0	0	0	0	0	65
9	Shol/Gazar/Taki	12	29	81	29	40	22	0	33	38	85	0	0	0	0	0	0	369
10	Koi	0	0	0	6	0	8	0	0	0	0	12	0	0	0	0	0	26
11	Shingi/Magur	0	0	27	0	0	8	0	0	0	13	0	0	0	0	0	0	48
12	Sarpunti	0	0	0	0	0	0	0	0	56	0	0	0	0	0	0	0	56
13	Cuchia	0	0	8	0	306	0	0	0	0	1	167	562	260	19	504	215	2042
14	Other Inland Fish	1333	176	681	171	469	533	837	109	341	253	1480	2645	1309	1330	6147	2225	20039
15	Hilsa/Ilish	1002	0	0	0	1219	0	0	0	6	0	5532	2495	4093	1080	28424	1612	45463
16	Galda	0	0	0	0	24	9	0	0	0	0	0	13	6	13	0	0	65
17	Bagda	0	0	0	0	104	0	0	0	0	0	0	6	0	0	79	0	189
18	Harina	1983	0	0	0	935	0	0	0	0	621	0	20	10	34	0	3	3606
19	Chaka	249	0	0	0	127	0	0	0	0	5	0	0	0	0	0	0	381
20	Other small shrimp/prawn	1121	150	181	176	985	461	220	166	409	557	104	53	18	82	105	27	4815
	TOTAL	**5700**	**396**	**1034**	**403**	**4209**	**1169**	**1241**	**329**	**1039**	**1547**	**7295**	**5794**	**5696**	**2558**	**35259**	**4082**	**77751**

Cont'd….

[Unit: Metric Ton]

Sl. No.	Species	Dinajpur	Gaibandha	Kurigram	Lalmonirhat	Nilphamari	Panchagarh	Rangpur	Thakurgaon	Bogura	Chapai-nawabganj	Joypurhat	Naogaon	Natore	Pabna	Rajshahi	Sirajganj	Sub-total
1	Rui	0	66	17	15	9	0	15	0	58	97	49	125	120	135	150	107	963
2	Catla	0	56	8	12	8	0	12	0	58	72	35	74	88	80	94	74	671
3	Mrigal	0	25	18	7	4	0	8	0	45	71	13	51	33	82	74	32	463
4	Kalibaus	0	24	8	2	0	0	8	0	0	0	0	3	14	12	0	10	81
5	Bata	0	21	0	26	0	0	0	0	0	0	0	8	21	0	52	18	146
6	Ghania	0	0	0	0	0	0	0	0	0	0	0	14	5	17	0	4	40
7	Pangas	0	33	0	0	0	0	0	0	3	20	0	7	8	13	25	16	125
8	Boal/Ayre/Guizza Ayre	0	72	66	19	0	0	11	0	9	29	11	0	0	27	31	19	294
9	Shol/Gazar/Taki	0	14	0	12	0	0	0	0	0	0	5	3	7	54	31	38	164
10	Koi	0	0	0	0	0	0	0	0	0	0	0	4	5	0	4	4	17
11	Shingi/Magur	0	0	0	0	0	0	0	0	0	0	0	3	2	0	4	2	11
12	Sarpunti	0	0	0	0	0	0	0	0	0	0	0	0	3	0	30	31	64
13	Cuchia	0	10	10	0	0	0	31	2	0	3	0	18	2	119	9	112	316
14	Other Inland Fish	354	276	542	91	120	113	125	105	579	576	73	1020	101	920	1232	1385	7612
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	7	0	14	8	34
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	10	56	34	76	110	48	7	47	82	78	32	70	61	82	118	145	1056
TOTAL		**364**	**653**	**703**	**263**	**253**	**161**	**217**	**154**	**834**	**946**	**218**	**1400**	**477**	**1541**	**1868**	**2005**	**12057**

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	11	67	91	100	80	0	68	0	7	5	6	42	17	47	54	**595**	**2358**
2	Catla	10	32	12	65	37	0	46	0	6	1	3	17	11	15	13	**268**	**1500**
3	Mrigal	8	12	5	31	31	0	60	0	2	0	3	10	9	17	12	**200**	**989**
4	Kalibaus	0	4	8	40	26	0	0	0	0	0	3	0	0	0	70	**151**	**626**
5	Bata	0	24	10	0	0	0	96	0	28	5	4	0	26	65	20	**278**	**527**
6	Ghania	0	19	5	0	0	0	3	0	0	0	0	0	0	0	0	**27**	**73**
7	Pangas	0	2	0	0	0	0	0	0	6	7	0	0	8	7	4	**34**	**207**
8	Boal/Ayre/Guizza Ayre	0	119	82	0	71	0	111	0	7	1	16	0	9	66	83	**565**	**1503**
9	Shol/Gazar/Taki	0	32	100	12	21	0	93	0	7	1	20	9	9	30	26	**360**	**1274**
10	Koi	0	2	0	0	4	0	0	0	6	1	0	0	5	4	7	**29**	**259**
11	Shingi/Magur	10	23	0	0	4	0	0	0	7	1	0	0	6	2	7	**60**	**155**
12	Sarpunti	0	20	5	0	10	0	0	0	0	0	0	0	0	0	0	**35**	**156**
13	Cuchia	4	300	62	100	0	0	0	0	0	0	0	0	5	246	103	**820**	**3239**
14	Other Inland Fish	109	95	536	2843	292	2445	564	59	110	40	189	766	396	366	506	**9316**	**44821**
15	Hilsa/Ilish	0	0	744	4434	0	2181	25	0	157	58	0	2	0	6	2	**7609**	**53081**
16	Galda	0	4	10	237	30	90	0	0	7	1	0	0	6	3	0	**388**	**640**
17	Bagda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**189**
18	Harina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**3606**
19	Chaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**381**
20	Other small shrimp/prawn	75	26	41	121	85	181	420	4	49	11	5	94	61	139	152	**1464**	**8990**
TOTAL		**227**	**781**	**1711**	**7983**	**691**	**4897**	**1486**	**63**	**399**	**132**	**249**	**940**	**568**	**1013**	**1059**	**22199**	**124574**

Table 3.11. Annual Fish Production of Sundarbans Fisheries in 2023-24

[Unit: Metric Ton]

Zone	District	Hilsa	Big Shrimp/ Prawn	Small Shrimp/ Prawn	Other Fish	Total
East Sundarbans	Bagerhat	34	22	176	23481	**23713**
West Sundarbans	Khulna	421	249	273	972	**1915**
West Sundarbans	Satkhira	0	30	85	3145	**3260**
TOTAL	**-**	**455**	**301**	**534**	**27598**	**28888**
%	-	1.58	1.04	1.85	95.53	100

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

Annual Growth Rate: 10.91% (Hilsa: 2.25%, Shrimp: 4.51% and other species: 11.27%)

Table 3.12. Annual Fish Production of Beels in 2023-24

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

Sl. No.	District	Natural Source		Beel Nursery Program		Total	
		Area	Production	Area	Production	Area	Production
1	Dhaka	812	717	184	177	**996**	**894**
2	Faridpur	80	78	346	479	**426**	**557**
3	Gazipur	1233	1191	487	594	**1720**	**1785**
4	Gopalganj	231	228	670	905	**901**	**1133**
5	Kishoreganj	5108	5154	1729	2521	**6837**	**7675**
6	Madaripur	109	127	154	202	**263**	**329**
7	Manikganj	524	391	248	367	**772**	**758**
8	Munshiganj	329	289	20	24	**349**	**313**
9	Narayanganj	181	156	35	44	**216**	**200**
10	Narsingdi	969	1084	195	299	**1164**	**1383**
11	Rajbari	151	168	98	163	**249**	**331**
12	Shariatpur	41	51	35	41	**76**	**92**
13	Tangail	1461	1541	872	1161	**2333**	**2702**
Dhaka Division		**11229**	**11175**	**5073**	**6977**	**16302**	**18152**
14	Jamalpur	2909	2639	451	564	**3360**	**3203**
15	Mymensingh	6901	6198	445	488	**7346**	**6686**
16	Netrakona	8345	7327	10	15	**8355**	**7342**
17	Sherpur	3425	2521	83	120	**3508**	**2641**
Mymensingh Division		**21580**	**18685**	**989**	**1187**	**22569**	**19872**
18	Bagerhat	42	31	6	10	**48**	**41**
19	Chuadanga	1135	1071	26	31	**1161**	**1102**
20	Jashore	2516	1751	194	244	**2710**	**1995**
21	Jhenaidah	543	516	588	616	**1131**	**1132**
22	Khulna	250	240	21	29	**271**	**269**
23	Kushtia	350	344	237	291	**587**	**635**
24	Magura	283	190	49	41	**332**	**231**
25	Meherpur	333	288	116	195	**449**	**483**
26	Narail	703	540	161	162	**864**	**702**
27	Satkhira	38	27	8	13	**46**	**40**
Khulna Division		**6193**	**4998**	**1406**	**1632**	**7599**	**6630**
28	Barguna	0	0	0	0	**0**	**0**
29	Barishal	30	29	11	11	**41**	**40**
30	Bhola	0	0	0	0	**0**	**0**
31	Jhalokati	12	12	2	3	**14**	**15**
32	Patuakhali	0	0	0	0	**0**	**0**
33	Pirojpur	15	10	5	8	**20**	**18**
Barishal Division		**57**	**51**	**18**	**22**	**75**	**73**

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	724	574	58	65	**782**	**639**
35	Gaibandha	518	461	301	393	**819**	**854**
36	Kurigram	1156	1153	195	315	**1351**	**1468**
37	Lalmonirhat	372	350	231	328	**603**	**678**
38	Nilphamari	707	454	101	104	**808**	**558**
39	Panchagarh	95	64	15	17	**110**	**81**
40	Rangpur	1775	1803	135	215	**1910**	**2018**
41	Thakurgaon	318	294	43	70	**361**	**364**
Rangpur Division		**5665**	**5153**	**1079**	**1507**	**6744**	**6660**
42	Bogura	3249	2369	268	452	**3517**	**2821**
43	Chapainawabganj	4503	3335	301	281	**4804**	**3616**
44	Joypurhat	222	186	62	109	**284**	**295**
45	Naogaon	6150	4154	1505	1695	**7655**	**5849**
46	Natore	1055	842	338	389	**1393**	**1231**
47	Pabna	1622	1398	731	1029	**2353**	**2427**
48	Rajshahi	5386	3545	611	624	**5997**	**4169**
49	Sirajganj	587	471	315	356	**902**	**827**
Rajshahi Division		**22774**	**16300**	**4131**	**4935**	**26905**	**21235**
50	Bandarban	0	0	0	0	**0**	**0**
51	Brahmanbaria	252	242	216	380	**468**	**622**
52	Chandpur	146	91	215	247	**361**	**338**
53	Chattogram	89	70	0	0	**89**	**70**
54	Cumilla	162	164	112	193	**274**	**357**
55	Cox's Bazar	0	0	0	0	**0**	**0**
56	Feni	0	0	0	0	**0**	**0**
57	Khagrachhari	75	9	0	0	**75**	**9**
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		**724**	**576**	**543**	**820**	**1267**	**1396**
61	Habiganj	2531	2293	447	547	**2978**	**2840**
62	Moulvibazar	2525	1985	967	1012	**3492**	**2997**
63	Sunamganj	20885	25425	83	190	**20968**	**25615**
64	Sylhet	4251	3786	1011	1561	**5262**	**5347**
Sylhet Division		**30192**	**33489**	**2508**	**3310**	**32700**	**36799**
TOTAL		**98414**	**90427**	**15747**	**20390**	**114161**	**110817**

Source	Area (Ha)	Production (MT)	%	MT/Ha	*Growth Rate (%)*
Natural Source	98414	90427	***81.60***	0.92	***0.67***
Beel Nursery Program	15747	20390	***18.40***	1.29	***8.47***
TOTAL	**114161**	**110817**	***100***	**0.97**	**2.02**

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 2023-24

Sl. No.	Species	Production (Metric Ton)	%
1	Rui	14484	13.07
2	Catla	9331	8.42
3	Mrigal	10140	9.15
4	Kalibaus	2028	1.83
5	Bata	1840	1.66
6	Ghania	1274	1.15
7	Silver carp	4965	4.48
8	Grass carp	2172	1.96
9	Mirror/Common carp	2759	2.49
10	Other Exotic carp	687	0.62
11	Pangas	177	0.16
12	Boal/Ayre	5175	4.67
13	Shol/Gazar/Taki	4067	3.67
14	Koi	3036	2.74
15	Shingi/Magur	2227	2.01
16	Tilapia/ Nilotica	1563	1.41
17	Sarpunti/Thai punti	4588	4.14
18	Big Shrimp/ Prawn	78	0.07
19	Small Shrimp/ Prawn	4555	4.11
20	Cuchia	2061	1.86
21	Other Inland Fish	33610	30.33
TOTAL		**110817**	**100**

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

Table 3.14. Annual Fish Production of Kaptai Lake in 2023-24

Sl. No.	Species	Production (Metric Ton)	%
1	Rui *(Labeo rohita)*	5	*0.03*
2	Catla *(Catla catla)*	7	*0.04*
3	Mrigal *(Cirrhinus cirrhosus)*	0	*0.00*
4	Kalibaus *(Labeo calbasu)*	6	*0.03*
5	Bata *(Labeo bata)*	14	*0.07*
6	Ghania *(Labeo gonius)*	0	*0.00*
7	Silver Carp *(Hypophthalmichthys molitrix)*	0	*0.00*
8	Grass Carp *(Ctenopharyngodon idella)*	0	*0.00*
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)*	278	*1.44*
13	Shol/Gazar/Taki *(Channa striatus/C. marulius/C. punctatus)*	34	*0.18*
14	Koi *(Anabas testudineus)*	0	*0.00*
15	Shingi/Magur *(Heteropneustes fossilis/ Clarias batrachus)*	6	*0.03*
16	Big Prawn	0	*0.00*
17	Small Prawn	157	*0.82*
18	Tilapia/Nilotica *(Oreochromis mossambicus/O. niloticus)*	12	*0.06*
19	Sarpunti *(Puntius sarana)*	0	*0.00*
20	Other Fish	18734	*97.30*
T O T A L		**19253**	**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: 12.88%

Table 3.15. Annual Fish Catch of Floodplains in 2023-24

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	45.01	4771	4589	0.45	1516	0	0	6287
Faridpur	174	53.68	9340	2014	1.23	1035	0	0	10375
Gazipur	273	60.14	16419	641	0.75	333	0	0	16752
Gopalganj	137	48.48	6642	5174	2.70	2642	0	0	9284
Kishoreganj	230	94.40	21712	3198	1.77	1702	63956	24998	48412
Madaripur	136	62.51	8502	788	4.71	251	0	0	8753
Manikganj	211	51.71	10911	1597	5.29	597	0	0	11508
Munshiganj	230	50.70	11661	1698	0.89	465	0	0	12126
Narayanganj	67	22.27	1492	445	0.34	232	0	0	1724
Narsingdi	212	57.14	12114	3183	0.58	994	0	0	13108
Rajbari	159	40.64	6462	1563	3.22	234	0	0	6696
Shariatpur	131	42.95	5627	1125	1.83	281	0	0	5908
Tangail	240	44.55	10691	799	2.47	539	0	0	11230
Dhaka Division	**2306**	**54.79**	**126344**	**26814**	**26.23**	**10821**	**63956**	**24998**	**162163**
Jamalpur	205	49.36	10118	743	1.16	293	0	0	10411
Mymensingh	246	45.13	11101	602	3.14	101	0	0	11202
Netrakona	115	112.88	12981	1029	2.74	248	40240	25118	38347
Sherpur	183	14.51	2656	255	0.60	201	0	0	2857
Mymensingh Division	**749**	**49.21**	**36856**	**2629**	**7.64**	**843**	**40240**	**25118**	**62817**
Bagerhat	213	22.48	4789	3787	3.63	3080	0	0	7869
Chuadanga	62	21.98	1363	192	0.56	100	0	0	1463
Jashore	265	136.28	36115	826	0.17	338	0	0	36453
Jhenaidah	192	32.80	6298	286	0.29	225	0	0	6523
Khulna	301	67.64	20359	2261	2.66	882	0	0	21241
Kushtia	182	20.14	3666	508	0.24	340	0	0	4006
Magura	98	30.77	3015	319	1.28	113	0	0	3128
Meherpur	67	11.69	783	556	0.25	314	0	0	1097
Narail	35	85.26	2984	676	2.06	411	0	0	3395
Satkhira	120	116.92	14030	470	1.45	246	0	0	14276
Khulna Division	**1535**	**60.85**	**93402**	**9881**	**12.59**	**6049**	**0**	**0**	**99451**
Barguna	80	47.39	3791	18	0.18	12	0	0	3803
Barishal	216	44.44	9598	3355	2.85	1172	0	0	10770
Bhola	160	34.99	5599	0	0.00	0	0	0	5599
Jhalokati	122	37.69	4598	609	1.60	341	0	0	4939
Patuakhali	184	57.37	10556	479	0.75	465	0	0	11021
Pirojpur	111	36.68	4072	797	1.90	247	0	0	4319
Barishal Division	**873**	**43.77**	**38214**	**5258**	**7.28**	**2237**	**0**	**0**	**40451**

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	15.00	6314	556	1.56	130	0	0	6444
Gaibandha	304	20.19	6137	380	1.80	358	0	0	6495
Kurigram	241	46.18	11130	476	1.64	381	0	0	11511
Lalmonirhat	119	13.17	1567	189	0.58	152	0	0	1719
Nilphamari	121	30.45	3684	268	0.74	104	0	0	3788
Panchagarh	132	22.45	2963	269	1.34	165	0	0	3128
Rangpur	210	40.35	8474	174	1.44	173	0	0	8647
Thakurgaon	114	35.36	4031	243	0.37	79	0	0	4110
Rangpur Division	**1662**	**26.65**	**44300**	**2555**	**9.47**	**1542**	**0**	**0**	**45842**
Bogura	100	48.01	4801	1444	4.12	274	0	0	5075
Chapainawabganj	47	33.26	1563	478	0.30	280	0	0	1843
Joypurhat	22	12.91	284	10	0.20	3	0	0	287
Naogaon	333	43.02	14326	1295	1.29	1277	0	0	15603
Natore	248	53.52	13274	5510	0.24	3828	0	0	17102
Pabna	243	38.82	9433	2690	9.62	2499	0	0	11932
Rajshahi	215	30.38	6531	1149	0.87	466	0	0	6997
Sirajganj	427	78.84	33664	1193	11.04	743	0	0	34407
Rajshahi Division	**1635**	**51.30**	**83876**	**13769**	**27.68**	**9370**	**0**	**0**	**93246**
Bandarban	18	8.78	158	232	1.42	42	0	0	200
Brahmanbaria	273	61.73	16852	1814	2.41	1059	8050	4272	22183
Chandpur	351	71.18	24985	841	1.65	613	0	0	25598
Chattogram	52	15.19	790	0	0	0	0	0	790
Cumilla	621	118.41	73533	1146	3.79	445	0	0	73978
Cox's Bazar	91	12.87	1171	553	5.17	858	0	0	2029
Feni	253	28.04	7095	394	2.62	201	0	0	7296
Khagrachhari	0	0	0	0	0	0	0	0	0
Lakshmipur	146	73.44	10722	223	2.01	144	0	0	10866
Noakhali	352	81.04	28527	401	0.78	79	0	0	28606
Rangamati	0	0	0	43	0.09	5	0	0	5
Chattogram Division	**2157**	**75.95**	**163833**	**5647**	**19.94**	**3446**	**8050**	**4272**	**171551**
Habiganj	180	111.99	20159	1834	1.51	554	25470	9285	29998
Moulvibazar	154	81.09	12488	1018	5.85	1155	24217	13216	26859
Sunamganj	242	139.09	33660	4296	11.19	3733	60154	35990	73383
Sylhet	168	166.61	27990	4164	3.96	2887	29630	15499	46376
Sylhet Division	**744**	**126.74**	**94297**	**11312**	**22.51**	**8329**	**139471**	**73990**	**176616**
TOTAL	**11661**	**58.41**	**681122**	**77865**	**133.34**	**42637**	**251717**	**128378**	**852137**

Source	Area (Ha)	Production (MT)	%	MT/Ha	*Growth Rate (%)*
Subsistence Fisheries	2317175	681122	79.93	0.29	*0.63*
Fry Released Program	77865	42637	5.00	0.55	*6.26*
Haor	251717	128378	15.07	0.51	*2.26*
Total	**2646757**	**852137**	***100***	***0.32***	*1.14*

Table 3.16. Species Composition of Annual Fish Catch of Floodplains in 2023-24

Sl. No.	Species	Production (Metric Ton)	%
1	Rui	48827	5.73
2	Catla	21218	2.49
3	Mrigal	26331	3.09
4	Kalibaus	3579	0.42
5	Bata	1619	0.19
6	Ghania	1704	0.20
7	Silver carp	2812	0.33
8	Grass carp	7328	0.86
9	Mirror/Common carp	22411	2.63
10	Other Exotic carp	0	0
11	Pangas	8862	1.04
12	Boal/Ayre	66296	7.78
13	Shol/Gazar/Taki	73880	8.67
14	Koi	10652	1.25
15	Shingi/Magur	61357	7.20
16	Tilapia/Nilotica	0	0
17	Sarpunti/Thai punti	21644	2.54
18	Big Shrimp/Prawn	1704	0.20
19	Small Shrimp/Prawn	46108	5.41
20	Cuchia	2889	0.34
21	Other Inland Fish	422916	49.63
TOTAL		**852137**	**100**

Table 3.17. Annual Fish Production of Ponds in 2023-24

[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	11	16	1214	4853	268	2671	20	395	1513	7935	5.24
2	Faridpur	91	133	2127	7943	1922	13955	126	2040	4266	24071	5.64
3	Gazipur	71	94	2341	8899	1401	12800	562	9091	4375	30884	7.06
4	Gopalganj	619	843	2120	7662	1472	12246	74	1082	4285	21833	5.10
5	Kishoreganj	252	358	3102	12278	1698	14592	389	3622	5441	30850	5.67
6	Madaripur	175	222	2013	6995	605	5226	159	2235	2952	14678	4.97
7	Manikganj	261	324	1774	6992	690	6891	22	376	2747	14583	5.31
8	Munshiganj	185	261	1708	6799	378	3775	7	77	2278	10912	4.79
9	Narayanganj	0	0	1287	4497	792	6318	1	11	2080	10826	5.20
10	Narsingdi	68	101	1206	4692	855	7325	968	15132	3097	27250	8.80
11	Rajbari	136	186	2784	10740	943	7125	32	393	3895	18444	4.74
12	Shariatpur	202	273	1751	7011	941	8977	23	437	2917	16698	5.72
13	Tangail	230	297	2785	9231	4728	32092	331	3755	8074	45375	5.62
Dhaka Division		**2301**	**3108**	**26212**	**98592**	**16693**	**133993**	**2714**	**38646**	**47920**	**274339**	**5.72**
14	Jamalpur	41	44	2384	8489	1607	12625	121	2190	4153	23348	5.62
15	Mymensingh	518	771	7179	27308	13313	112142	9215	184124	30225	324345	10.73
16	Netrakona	423	562	5411	20916	2527	23766	44	823	8405	46067	5.48
17	Sherpur	52	71	2401	7140	1639	9973	620	8595	4712	25779	5.47
Mymensignh Division		**1034**	**1448**	**17375**	**63853**	**19086**	**158506**	**10000**	**195732**	**47495**	**419539**	**8.83**
18	Bagerhat	1652	2462	3802	15162	176	1649	0	0	5630	19273	3.42
19	Chuadanga	0	0	1021	3664	1219	8935	0	0	2240	12599	5.62
20	Jashore	75	110	9287	36815	6290	61640	2356	45387	18008	143952	7.99
21	Jhenaidah	73	78	2358	7200	3030	22806	72	737	5533	30821	5.57
22	Khulna	124	183	3131	10845	1654	10493	0	0	4909	21521	4.38
23	Kushtia	30	27	2715	10792	2250	15668	21	220	5016	26707	5.32
24	Magura	21	30	1760	6367	659	5751	60	703	2500	12851	5.14
25	Meherpur	0	0	1240	4907	327	2728	18	276	1585	7911	4.99
26	Narail	50	71	542	1945	529	3506	0	0	1121	5522	4.93
27	Satkhira	4992	7255	4346	12805	3006	17741	889	11180	13233	48981	3.70
Khulna Division		**7017**	**10216**	**30202**	**110502**	**19140**	**150917**	**3416**	**58503**	**59775**	**330138**	**5.52**
28	Barguna	539	787	2246	7786	28	261	0	0	2813	8834	3.14
29	Barishal	839	894	6205	24196	2710	16593	94	1005	9848	42688	4.33
30	Bhola	300	420	2073	7001	5660	31959	36	495	8069	39875	4.94
31	Jhalokati	7	10	1049	3790	268	1705	7	82	1331	5587	4.20
32	Patuakhali	1347	1812	6958	25213	192	1231	28	301	8525	28557	3.35
33	Pirojpur	761	1093	1961	6773	386	2614	0	0	3108	10480	3.37
Barishal Division		**3793**	**5016**	**20492**	**74759**	**9244**	**54363**	**165**	**1883**	**33694**	**136021**	**4.04**

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	72	76	5356	20185	4713	31365	506	7797	10647	59423	5.58
35	Gaibandha	5	7	5085	20022	886	8216	53	1035	6029	29280	4.86
36	Kurigram	65	87	3327	13311	1078	8811	140	1802	4610	24011	5.21
37	Lalmonirhat	0	0	2640	10290	767	6086	14	314	3421	16690	4.88
38	Nilphamari	0	0	2029	8116	2193	13694	98	1071	4320	22881	5.30
39	Panchagarh	0	0	1975	5563	1055	8798	117	1482	3147	15843	5.03
40	Rangpur	0	0	4697	18015	1951	17603	31	392	6679	36010	5.39
41	Thakurgaon	0	0	3777	14956	1607	11770	237	2836	5621	29562	5.26
Rangpur Division		**142**	**170**	**28886**	**110458**	**14250**	**106343**	**1196**	**16729**	**44474**	**233700**	**5.25**
42	Bogura	390	577	9633	38531	3707	36907	894	21921	14624	97936	6.70
43	Chapainawabganj	0	0	2373	8626	981	6730	7	135	3361	15491	4.61
44	Joypurhat	0	0	2201	8618	2579	17499	0	0	4780	26117	5.46
45	Naogaon	0	0	6808	24155	5760	39054	427	4603	12995	67812	5.22
46	Natore	0	0	2925	11351	5589	44571	287	4063	8801	59985	6.82
47	Pabna	230	339	8130	31932	2590	20768	16	197	10966	53236	4.85
48	Rajshahi	0	0	4639	18476	8414	48673	796	10542	13849	77691	5.61
49	Sirajganj	9	12	1757	6940	4105	25508	30	431	5901	32891	5.57
Rajshahi Division		**629**	**928**	**38466**	**148629**	**33725**	**239710**	**2457**	**41892**	**75277**	**431159**	**5.73**
50	Bandarban	99	124	404	1149	96	649	0	0	599	1922	3.21
51	Brahmanbaria	133	190	4873	19501	2607	22530	66	1242	7679	43463	5.66
52	Chandpur	162	213	6065	18777	3207	22411	207	3102	9641	44503	4.62
53	Chattogram	6607	7928	11299	38081	3115	27397	204	2714	21225	76120	3.59
54	Cumilla	1440	1642	12214	48821	7820	77107	1398	29242	22872	156812	6.86
55	Cox's Bazar	154	192	1338	5274	63	554	0	0	1555	6020	3.87
56	Feni	319	436	4143	16525	1387	12810	51	574	5900	30345	5.14
57	Khagrachhari	374	553	1312	2891	267	1218	2	22	1955	4684	2.40
58	Lakshmipur	391	564	5791	22378	1963	12610	27	399	8172	35951	4.40
59	Noakhali	918	1179	11785	46507	881	8479	35	659	13619	56824	4.17
60	Rangamati	231	328	658	2063	32	202	0	0	921	2593	2.82
Chattogram Division		**10828**	**13349**	**59882**	**221967**	**21438**	**185967**	**1990**	**37954**	**94138**	**459237**	**4.88**
61	Habiganj	888	1322	2502	9562	1305	8697	134	1566	4829	21147	4.38
62	Moulvibazar	3172	4301	2751	10919	1277	10692	11	154	7211	26066	3.61
63	Sunamganj	469	680	2481	9734	227	1752	4	66	3181	12232	3.85
64	Sylhet	665	990	3635	12447	1809	10592	65	1134	6174	25163	4.08
Sylhet Division		**5194**	**7293**	**11369**	**42662**	**4618**	**31733**	**214**	**2920**	**21395**	**84608**	**3.95**
TOTAL		**30938**	**41528**	**232884**	**871422**	**138194**	**1061532**	**22152**	**394259**	**424168**	**2368741**	**5.58**

Culture Method	Production Range	Number of Pond	Area		Production		MT/Ha	Growth Rate (%)
			(Ha)	%	(MT)	%		
Extensive	***<1.5MT/Ha***	475725	30938	*7.29*	41528	*1.75*	1.34	*-6.49*
Semi-intensive	***1.5-4 MT/Ha***	1371697	232884	*54.91*	871422	*36.79*	3.74	*-3.75*
Intensive	***>4 - 10MT/Ha***	612660	138194	*32.58*	1061532	*44.82*	7.68	*9.52*
Highly Intensive	***>10 MT/Ha***	83787	22152	*5.22*	394259	*16.64*	17.80	*11.49*
TOTAL		**2543869**	**424168**	***100***	**2368741**	***100***	5.58	*4.23*

Note: Pond Area from SPARRSO (Space Research and Remote Sensing Organization Report, 1983 and updated on the basis of DFO (District Fisheries Office) Report 2023-24

Table 3.18. Species Composition of Annual Fish Production of Ponds in 2023-24

Sl. No.	Species	Production (Metric Ton)	%
1	Rui *(Labeo rohita)*	345046	14.57
2	Catla *(Catla catla)*	228978	9.67
3	Mrigal *(Cirrhinus cirrhosus)*	229686	9.70
4	Kalibaus *(Labeo calbasu)*	44608	1.88
5	Bata (*Labeo bata)*	55474	2.34
6	Ghania *(Labeo gonius)*	17736	0.75
7	Silver Carp *(Hypophthalmichthys molitrix)*	236198	9.97
8	Grass Carp *(Ctenopharyngodon idella)*	64613	2.73
9	Common Carp *(Cyprinus carpio)*	91106	3.85
10	Other Exotic Carp	28816	1.21
11	Pangas *(Pangasius pangasius)*	404963	17.10
12	Boal/Ayre/Guizza Ayre *(Wallago attu/ Sperata aor/Sperata seenghala)*	985	0.04
13	Shol/Gazar/Taki *(Channa striatus/C. marulius/C. punctatus)*	3189	0.13
14	Koi *(Anabas testudineus)*	64222	2.71
15	Shingi/Magur *(Heteropneustes fossilis/Clarias batrachus)*	48696	2.05
16	Big Prawn	3244	0.14
17	Small Prawn	3760	0.16
18	Tilapia/Nilotica *(Oreochromis mossambicus/O. niloticus)*	354142	14.95
19	Sarpunti *(Puntius sarana)*	60266	2.54
20	Cuchia *(Monopterus cuchia)*	172	0.01
21	Other Fish	82841	3.50
	TOTAL	**2368741**	**100**

Table 3.19. District-wise Species Composition of Fish Production of Ponds in 2023-24

Sl. No.	Species	Dhaka		Faridpur		Gazipur		Gopalganj		Kishoreganj		Madaripur		Manikganj		Munshiganj		Narayanganj	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	1523	19.19	4610	19.15	3138	10.16	4164	19.07	5349	17.34	2184	14.88	2737	18.77	2083	19.09	1561	14.42
2	Catla	1268	15.98	3623	15.05	2529	8.19	2653	12.15	3267	10.59	1509	10.28	1541	10.57	1316	12.06	1467	13.55
3	Mrigal	1119	14.10	2633	10.94	1835	5.94	2135	9.78	3202	10.38	1400	9.54	1674	11.48	1117	10.24	1156	10.68
4	Kalibaus	371	4.68	320	1.33	593	1.92	666	3.05	1101	3.57	70	0.48	188	1.29	380	3.48	678	6.26
5	Bata	452	5.69	1095	4.55	263	0.85	790	3.62	580	1.88	317	2.16	318	2.18	421	3.86	513	4.74
6	Ghania	94	1.18	0	0	25	0.08	238	1.09	367	1.19	0	0	124	0.85	119	1.09	129	1.19
7	Silver carp	909	11.45	3019	12.54	7023	22.74	2537	11.62	3477	11.27	1327	9.04	1410	9.67	618	5.66	1101	10.17
8	Grass carp	596	7.51	1490	6.19	1155	3.74	1297	5.94	1339	4.34	319	2.17	255	1.75	121	1.11	440	4.06
9	Mirror/Common carp	232	2.92	1355	5.63	1118	3.62	1330	6.09	1910	6.19	627	4.27	770	5.28	223	2.04	460	4.25
10	Other Exotic carp	152	1.91	156	0.65	343	1.11	138	0.63	160	0.52	154	1.05	136	0.93	23	0.21	144	1.33
11	Pangas	183	2.31	1663	6.91	2045	6.62	963	4.41	4159	13.48	2457	16.74	2046	14.03	1535	14.07	1110	10.25
12	Boal/Ayre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0.23
13	Shol/Gazar/Taki	15	0.19	0	0	0	0	0	0	12	0.04	0	0	0	0	39	0.36	6	0.06
14	Koi	33	0.41	231	0.96	170	0.55	419	1.92	793	2.57	527	3.59	544	3.73	77	0.71	41	0.38
15	Shingi/Magur	52	0.66	152	0.63	398	1.29	183	0.84	716	2.32	167	1.14	128	0.88	70	0.64	63	0.58
16	Big Shrimp/Prawn	0	0	12	0.05	0	0	520	2.38	0	0	25	0.17	0	0	0	0	0	0
17	Small Shrimp/Prawn	21	0.27	55	0.23	0	0	127	0.58	0	0	51	0.35	31	0.21	0	0	3	0.03
18	Tilapia/Nilotica	493	6.21	1661	6.90	8933	28.93	1314	6.02	1981	6.42	2388	16.27	2166	14.85	1137	10.42	975	9.01
19	Sarpunti/Thai punti	305	3.85	520	2.16	1242	4.02	707	3.24	561	1.82	452	3.08	331	2.27	145	1.33	414	3.82
20	Cuchia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Inland Fish	117	1.49	1476	6.13	74	0.24	1652	7.57	1876	6.08	704	4.79	184	1.26	1488	13.63	540	4.99
	TOTAL	**7935**	**100**	**24071**	**100**	**30884**	**100**	**21833**	**100**	**30850**	**100**	**14678**	**100**	**14583**	**100**	**10912**	**100**	**10826**	**100**

Cont'd….

Sl. No.	Species	Narsingdi		Rajbari		Shariatpur		Tangail		Jamalpur		Mymensingh		Netrakona		Sherpur	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	2169	7.96	2695	14.61	4832	28.94	8907	19.63	4917	21.06	14174	4.37	4574	9.93	3640	14.12
2	Catla	1640	6.02	1988	10.78	2678	16.04	4111	9.06	2680	11.48	11060	3.41	3566	7.74	2101	8.15
3	Mrigal	1657	6.08	2151	11.66	2358	14.12	4610	10.16	3007	12.88	10574	3.26	3782	8.21	2202	8.54
4	Kalibaus	251	0.92	544	2.95	0	0	1098	2.42	784	3.36	3730	1.15	1926	4.18	1297	5.03
5	Bata	384	1.41	1140	6.18	144	0.86	1851	4.08	878	3.76	8368	2.58	908	1.97	1188	4.61
6	Ghania	215	0.79	109	0.59	0	0	481	1.06	240	1.03	4152	1.28	838	1.82	1209	4.69
7	Silver carp	635	2.33	1723	9.34	2814	16.85	7773	17.13	3229	13.83	9438	2.91	3704	8.04	3692	14.32
8	Grass carp	275	1.01	1066	5.78	316	1.89	708	1.56	208	0.89	7817	2.41	1926	4.18	1518	5.89
9	Mirror/Common carp	324	1.19	651	3.53	606	3.63	2491	5.49	591	2.53	4152	1.28	2603	5.65	1567	6.08
10	Other Exotic carp	286	1.05	236	1.28	0	0	467	1.03	103	0.44	5384	1.66	2713	5.89	345	1.34
11	Pangas	6090	22.35	1841	9.98	1343	8.04	4179	9.21	2134	9.14	137133	42.28	5722	12.42	2531	9.82
12	Boal/Ayre	0	0	0	0	0	0	172	0.38	0	0	0	0	9	0.02	0	0
13	Shol/Gazar/Taki	0	0	15	0.08	0	0	286	0.63	0	0	0	0	299	0.65	0	0
14	Koi	4793	17.59	920	4.99	0	0	309	0.68	425	1.82	20920	6.45	2317	5.03	1402	5.44
15	Shingi/Magur	2613	9.59	623	3.38	0	0	526	1.16	362	1.55	17904	5.52	3602	7.82	451	1.75
16	Big Shrimp/Prawn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Small Shrimp/Prawn	139	0.51	17	0.09	0	0	0	0	0	0	0	0	83	0.18	31	0.12
18	Tilapia/Nilotica	4915	18.03	1324	7.18	813	4.87	5522	12.17	2867	12.28	34413	10.61	3331	7.23	1374	5.33
19	Sarpunti/Thai punti	406	1.49	916	4.97	731	4.38	972	2.14	79	0.34	6551	2.02	917	1.99	255	0.99
20	Cuchia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Inland Fish	458	1.68	485	2.63	63	0.38	912	2.01	844	3.61	28575	8.81	3247	7.05	976	3.78
	TOTAL	**27250**	**100**	**18444**	**100**	**16698**	**100**	**45375**	**100**	**23348**	**100**	**324345**	**100**	**46067**	**100**	**25779**	**100**

Cont'd….

Sl. No.	Species	Bagerhat		Chuadanga		Jashore		Jhenaidah		Khulna		Kushtia		Magura		Meherpur	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	5736	29.76	1485	11.79	23277	16.17	5446	17.67	3940	18.31	3768	14.11	2602	20.25	922	11.66
2	Catla	2251	11.68	808	6.41	13157	9.14	2737	8.88	2436	11.32	2364	8.85	2178	16.95	734	9.28
3	Mrigal	2286	11.86	1116	8.86	21679	15.06	3353	10.88	2055	9.55	2826	10.58	2203	17.14	640	8.09
4	Kalibaus	245	1.27	89	0.71	4117	2.86	15	0.05	39	0.18	617	2.31	23	0.18	22	0.28
5	Bata	54	0.28	644	5.11	4419	3.07	274	0.89	144	0.67	1373	5.14	634	4.93	153	1.93
6	Ghania	31	0.16	4	0.03	864	0.60	0	0	0	0	0	0	0	0	0	0
7	Silver carp	946	4.91	2515	19.96	17764	12.34	5159	16.74	2959	13.75	5251	19.66	2045	15.91	1224	15.47
8	Grass carp	1081	5.61	406	3.22	3714	2.58	2943	9.55	1016	4.72	956	3.58	341	2.65	282	3.56
9	Mirror/Common carp	833	4.32	808	6.41	5485	3.81	1439	4.67	1560	7.25	2417	9.05	682	5.31	549	6.94
10	Other Exotic carp	177	0.92	83	0.66	1454	1.01	287	0.93	13	0.06	564	2.11	239	1.86	122	1.54
11	Pangas	852	4.42	833	6.61	16670	11.58	660	2.14	973	4.52	2927	10.96	875	6.81	1233	15.59
12	Boal/Ayre	17	0.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Shol/Gazar/Taki	249	1.29	0	0	58	0.04	12	0.04	0	0	0	0	0	0	0	0
14	Koi	93	0.48	166	1.32	1454	1.01	18	0.06	544	2.53	51	0.19	40	0.31	13	0.16
15	Shingi/Magur	40	0.21	55	0.44	1252	0.87	228	0.74	359	1.67	48	0.18	40	0.31	25	0.31
16	Big Shrimp/Prawn	1920	9.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Small Shrimp/Prawn	239	1.24	0	0	0	0	6	0.02	392	1.82	56	0.21	0	0	0	0
18	Tilapia/Nilotica	1380	7.16	2845	22.58	22197	15.42	7175	23.28	4612	21.43	2553	9.56	452	3.52	1736	21.95
19	Sarpunti/Thai punti	553	2.87	486	3.86	3498	2.43	404	1.31	181	0.84	406	1.52	226	1.76	85	1.07
20	Cuchia	0	0	0	0	0	0	0	0	65	0.30	0	0	0	0	0	0
21	Other Inland Fish	290	1.51	256	2.03	2893	2.01	665	2.15	233	1.08	530	1.99	271	2.11	171	2.17
	TOTAL	**19273**	**100**	**12599**	**100**	**143952**	**100**	**30821**	**100**	**21521**	**100**	**26707**	**100**	**12851**	**100**	**7911**	**100**

Cont'd….

Sl. No.	Species	Narail		Satkhira		Barguna		Barishal		Bhola		Jhalokati		Patuakhali		Pirojpur	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	1817	32.91	9399	19.19	573	6.49	4107	9.62	8262	20.72	769	13.77	4612	16.15	848	8.09
2	Catla	1711	30.99	6965	14.22	496	5.62	2954	6.92	6990	17.53	545	9.75	3547	12.42	747	7.13
3	Mrigal	626	11.34	6093	12.44	429	4.86	3052	7.15	3126	7.84	529	9.46	2390	8.37	612	5.84
4	Kalibaus	108	1.95	64	0.13	25	0.28	158	0.37	630	1.58	0	0	31	0.11	57	0.54
5	Bata	120	2.17	211	0.43	95	1.08	410	0.96	0	0	0	0	9	0.03	9	0.09
6	Ghania	0	0	0	0	0	0	0	0	195	0.49	0	0	6	0.02	5	0.05
7	Silver carp	396	7.18	2077	4.24	233	2.64	1413	3.31	3684	9.24	476	8.52	3013	10.55	511	4.88
8	Grass carp	61	1.11	235	0.48	54	0.61	201	0.47	865	2.17	112	2.01	337	1.18	266	2.54
9	Mirror/Common carp	139	2.52	211	0.43	152	1.72	696	1.63	475	1.19	221	3.96	263	0.92	214	2.04
10	Other Exotic carp	5	0.09	54	0.11	0	0	13	0.03	112	0.28	18	0.32	100	0.35	14	0.13
11	Pangas	101	1.83	10844	22.14	3880	43.92	15842	37.11	7823	19.62	1764	31.58	5954	20.85	2848	27.18
12	Boal/Ayre	0	0	0	0	0	0	0	0	0	0	0	0	26	0.09	4	0.04
13	Shol/Gazar/Taki	0	0	0	0	0	0	0	0	72	0.18	0	0	23	0.08	0	0
14	Koi	140	2.53	348	0.71	0	0	734	1.72	179	0.45	169	3.03	434	1.52	1119	10.68
15	Shingi/Magur	70	1.26	318	0.65	0	0	132	0.31	136	0.34	37	0.67	117	0.41	0	0
16	Big Shrimp/Prawn	29	0.52	191	0.39	0	0	9	0.02	0	0	0	0	243	0.85	7	0.07
17	Small Shrimp/Prawn	0	0	54	0.11	0	0	0	0	104	0.26	2	0.04	14	0.05	3	0.03
18	Tilapia/Nilotica	89	1.62	10497	21.43	2495	28.24	11714	27.44	5347	13.41	787	14.08	6477	22.68	2792	26.64
19	Sarpunti/Thai punti	35	0.64	176	0.36	176	1.99	730	1.71	399	1	0	0	360	1.26	226	2.14
20	Cuchia	0	0	28	0.06	12	0.13	27	0.06	4	0.01	0	0	29	0.10	0	0
21	Other Inland Fish	75	1.34	1216	2.48	214	2.42	496	1.17	1472	3.69	158	2.81	572	2.01	198	1.89
	TOTAL	**5522**	**100**	**48981**	**100**	**8834**	**100**	**42688**	**100**	**39875**	**100**	**5587**	**100**	**28557**	**100**	**10480**	**100**

Cont'd....

Sl. No.	Species	Dinajpur		Gaibandha		Kurigram		Lalmonirhat		Nilphamari		Panchagarh		Rangpur		Thakurgaon	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	7208	12.13	3566	12.18	2732	11.38	2140	12.82	2554	11.16	2525	15.94	3702	10.28	2938	9.94
2	Catla	5497	9.25	2931	10.01	2379	9.91	1167	6.99	1551	6.78	2199	13.88	3273	9.09	2102	7.11
3	Mrigal	5283	8.89	1783	6.09	1822	7.59	1707	10.23	1668	7.29	2164	13.66	3129	8.69	1954	6.61
4	Kalibaus	856	1.44	284	0.97	38	0.16	189	1.13	339	1.48	532	3.36	850	2.36	103	0.35
5	Bata	2347	3.95	583	1.99	946	3.94	1330	7.97	485	2.12	646	4.08	2499	6.94	402	1.36
6	Ghania	214	0.36	61	0.21	0	0	598	3.58	194	0.85	25	0.16	104	0.29	278	0.94
7	Silver carp	6745	11.35	2515	8.59	3724	15.51	3196	19.15	2492	10.89	1744	11.01	6709	18.63	4940	16.71
8	Grass carp	850	1.43	1490	5.09	1059	4.41	926	5.55	943	4.12	298	1.88	1448	4.02	213	0.72
9	Mirror/Common carp	4546	7.65	1423	4.86	1568	6.53	1182	7.08	1160	5.07	458	2.89	2838	7.88	1469	4.97
10	Other Exotic carp	125	0.21	85	0.29	893	3.72	466	2.79	176	0.77	171	1.08	450	1.25	715	2.42
11	Pangas	9757	16.42	4439	15.16	1114	4.64	666	3.99	437	1.91	347	2.19	335	0.93	201	0.68
12	Boal/Ayre	0	0	0	0	0	0	15	0.09	0	0	5	0.03	0	0	0	0
13	Shol/Gazar/Taki	0	0	1309	4.47	0	0	25	0.15	217	0.95	29	0.18	18	0.05	0	0
14	Koi	737	1.24	1370	4.68	1450	6.04	335	2.01	750	3.28	467	2.95	695	1.93	180	0.61
15	Shingi/Magur	511	0.86	1449	4.95	130	0.54	127	0.76	124	0.54	499	3.15	1120	3.11	9	0.03
16	Big Shrimp/Prawn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Small Shrimp/Prawn	1890	3.18	0	0	0	0	13	0.08	0	0	21	0.13	4	0.01	0	0
18	Tilapia/Nilotica	10105	17.01	5557	18.98	5359	22.32	1248	7.48	6928	30.28	2769	17.48	5538	15.38	12437	42.07
19	Sarpunti/Thai punti	1575	2.65	211	0.72	454	1.89	891	5.34	2373	10.37	472	2.98	2812	7.81	1114	3.76
20	Cuchia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.01
21	Other Inland Fish	1177	1.98	224	0.76	343	1.42	469	2.81	490	2.14	472	2.97	486	1.35	505	1.71
	TOTAL	**59423**	**100**	**29280**	**100**	**24011**	**100**	**16690**	**100**	**22881**	**100**	**15843**	**100**	**36010**	**100**	**29562**	**100**

Cont'd….

Sl. No.	Species	Bogura		Chapainawabganj		Joypurhat		Naogaon		Natore		Pabna		Rajshahi		Sirajganj	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	11184	11.42	2857	18.44	4889	18.72	11813	17.42	11991	19.99	8491	15.95	22025	28.35	3940	11.98
2	Catla	8109	8.28	1785	11.52	3372	12.91	6693	9.87	5975	9.96	4514	8.48	11444	14.73	2753	8.37
3	Mrigal	9843	10.05	2534	16.36	2526	9.67	10429	15.38	8074	13.46	5313	9.98	10504	13.52	2835	8.62
4	Kalibaus	2037	2.08	421	2.72	81	0.31	1499	2.21	576	0.96	873	1.64	2781	3.58	553	1.68
5	Bata	3947	4.03	843	5.44	334	1.28	1553	2.29	2927	4.88	1666	3.13	1220	1.57	839	2.55
6	Ghania	59	0.06	0	0	0	0	0	0	0	0	138	0.26	70	0.09	885	2.69
7	Silver carp	11419	11.66	3228	20.84	4591	17.58	8192	12.08	12027	20.05	10125	19.02	12858	16.55	2990	9.09
8	Grass carp	1773	1.81	446	2.88	1345	5.15	1187	1.75	1962	3.27	767	1.44	1095	1.41	750	2.28
9	Mirror/Common carp	3516	3.59	1092	7.05	1275	4.88	2855	4.21	5567	9.28	3136	5.89	5835	7.51	1628	4.95
10	Other Exotic carp	1782	1.82	1004	6.48	222	0.85	1648	2.43	66	0.11	59	0.11	948	1.22	178	0.54
11	Pangas	26208	26.76	203	1.31	3565	13.65	12715	18.75	5549	9.25	9412	17.68	3558	4.58	2263	6.88
12	Boal/Ayre	78	0.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Shol/Gazar/Taki	69	0.07	17	0.11	0	0	0	0	0	0	0	0	0	0	0	0
14	Koi	2752	2.81	133	0.86	136	0.52	936	1.38	258	0.43	170	0.32	513	0.66	914	2.78
15	Shingi/Magur	2850	2.91	68	0.44	238	0.91	807	1.19	408	0.68	287	0.54	629	0.81	342	1.04
16	Big Shrimp/Prawn	0	0	3	0.02	0	0	0	0	0	0	0	0	0	0	0	0
17	Small Shrimp/Prawn	108	0.11	14	0.09	8	0.03	14	0.02	0	0	0	0	140	0.18	10	0.03
18	Tilapia/Nilotica	7022	7.17	203	1.31	2771	10.61	6320	9.32	2975	4.96	894	1.68	1492	1.92	10015	30.45
19	Sarpunti/Thai punti	1390	1.42	118	0.76	274	1.05	95	0.14	174	0.29	6396	12.01	513	0.66	1154	3.51
20	Cuchia	0	0	0	0	0	0	3	0.01	0	0	2	0.01	0	0	0	0
21	Other Inland Fish	3790	3.87	522	3.37	490	1.88	1053	1.56	1456	2.43	993	1.87	2066	2.66	842	2.56
	TOTAL	**97936**	**100**	**15491**	**100**	**26117**	**100**	**67812**	**100**	**59985**	**100**	**53236**	**100**	**77691**	**100**	**32891**	**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	402	20.89	8019	18.45	9813	22.05	15567	20.45	17218	10.98	786	13.05	4755	15.67	736	15.71
2	Catla	268	13.96	5307	12.21	6092	13.69	10977	14.42	13941	8.89	547	9.08	3283	10.82	541	11.54
3	Mrigal	249	12.98	4833	11.12	5728	12.87	11532	15.15	9283	5.92	476	7.91	3605	11.88	743	15.87
4	Kalibaus	14	0.75	735	1.69	961	2.16	1210	1.59	706	0.45	212	3.52	625	2.06	203	4.34
5	Bata	3	0.17	556	1.28	525	1.18	61	0.08	2117	1.35	39	0.64	27	0.09	116	2.48
6	Ghania	24	1.26	526	1.21	13	0.03	160	0.21	2007	1.28	61	1.01	1284	4.23	33	0.71
7	Silver carp	250	13.01	3099	7.13	3502	7.87	3791	4.98	7919	5.05	374	6.21	2770	9.13	440	9.39
8	Grass carp	63	3.28	1191	2.74	627	1.41	1187	1.56	3685	2.35	189	3.14	419	1.38	81	1.73
9	Mirror/Common carp	143	7.42	1452	3.34	467	1.05	1507	1.98	1537	0.98	105	1.75	822	2.71	480	10.24
10	Other Exotic carp	5	0.27	326	0.75	2617	5.88	221	0.29	172	0.11	55	0.92	134	0.44	145	3.09
11	Pangas	165	8.58	4542	10.45	0	0	6584	8.65	44456	28.35	1212	20.14	874	2.88	430	9.18
12	Boal/Ayre	0	0	13	0.03	0	0	15	0.02	0	0	0	0	537	1.77	18	0.39
13	Shol/Gazar/Taki	4	0.22	17	0.04	0	0	15	0.02	31	0.02	13	0.21	27	0.09	23	0.49
14	Koi	4	0.22	934	2.15	2412	5.42	190	0.25	5880	3.75	36	0.60	1108	3.65	8	0.18
15	Shingi/Magur	18	0.95	1743	4.01	681	1.53	213	0.28	3732	2.38	21	0.35	458	1.51	13	0.28
16	Big Shrimp/Prawn	0	0	0	0	36	0.08	15	0.02	47	0.03	25	0.42	0	0	0	0
17	Small Shrimp/Prawn	7	0.37	0	0	4	0.01	15	0.02	16	0.01	11	0.19	0	0	8	0.17
18	Tilapia/Nilotica	214	11.12	3534	8.13	9439	21.21	19959	26.22	41461	26.44	1586	26.35	8970	29.56	363	7.74
19	Sarpunti/Thai punti	9	0.49	5976	13.75	347	0.78	441	0.58	282	0.18	13	0.21	337	1.11	157	3.36
20	Cuchia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Other Inland Fish	80	4.06	660	1.52	1239	2.78	2460	3.23	2322	1.48	259	4.30	310	1.02	146	3.11
	TOTAL	**1922**	**100**	**43463**	**100**	**44503**	**100**	**76120**	**100**	**156812**	**100**	**6020**	**100**	**30345**	**100**	**4684**	**100**

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Sl. No.	Species	Lakshmipur		Noakhali		Rangamati		Habiganj		Moulvibazar		Sunamganj		Sylhet		Total	
		MT	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*	*MT*	*%*
1	Rui	6162	17.14	13115	23.08	471	18.18	2324	10.99	3073	11.79	3227	26.38	4003	15.91	**345046**	**14.57**
2	Catla	4731	13.16	9382	16.51	319	12.32	1711	8.09	2132	8.18	1711	13.99	2675	10.63	**228978**	**9.67**
3	Mrigal	3994	11.11	9257	16.29	253	9.74	1453	6.87	1410	5.41	2419	19.78	3256	12.94	**229686**	**9.70**
4	Kalibaus	1416	3.94	4006	7.05	138	5.33	218	1.03	1152	4.42	23	0.19	740	2.94	**44608**	**1.88**
5	Bata	0	0	0	0	74	2.86	349	1.65	881	3.38	0	0	0	0	**55474**	**2.34**
6	Ghania	0	0	131	0.23	17	0.65	440	2.08	409	1.57	44	0.36	516	2.05	**17736**	**0.75**
7	Silver carp	2330	6.48	4853	8.54	205	7.92	1666	7.88	581	2.23	895	7.32	1933	7.68	**236198**	**9.97**
8	Grass carp	679	1.89	1807	3.18	138	5.34	601	2.84	1074	4.12	727	5.94	1877	7.46	**64613**	**2.73**
9	Mirror/Common carp	377	1.05	2506	4.41	103	3.97	1303	6.16	1056	4.05	812	6.64	1734	6.89	**91106**	**3.85**
10	Other Exotic carp	392	1.09	1125	1.98	11	0.43	11	0.05	162	0.62	141	1.15	116	0.46	**28816**	**1.21**
11	Pangas	5278	14.68	4080	7.18	289	11.16	1214	5.74	2773	10.64	384	3.14	700	2.78	**404963**	**17.10**
12	Boal/Ayre	0	0	51	0.09	0	0	0	0	0	0	0	0	0	0	**985**	**0.04**
13	Shol/Gazar/Taki	183	0.51	40	0.07	0	0	27	0.13	39	0.15	0	0	0	0	**3189**	**0.13**
14	Koi	320	0.89	796	1.40	0	0	135	0.64	560	2.15	341	2.79	279	1.11	**64222**	**2.71**
15	Shingi/Magur	0	0	85	0.15	39	1.52	95	0.45	717	2.75	300	2.45	116	0.46	**48696**	**2.05**
16	Big Shrimp/Prawn	0	0	11	0.02	0	0	0	0	0	0	0	0	151	0.60	**3244**	**0.14**
17	Small Shrimp/Prawn	18	0.05	23	0.04	0	0	8	0.04	0	0	0	0	0	0	**3760**	**0.16**
18	Tilapia/Nilotica	9150	25.45	1352	2.38	360	13.90	5820	27.52	7173	27.52	402	3.29	3971	15.78	**354142**	**14.95**
19	Sarpunti/Thai punti	543	1.51	710	1.25	45	1.73	3360	15.89	1832	7.03	290	2.37	2463	9.79	**60266**	**2.54**
20	Cuchia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**172**	**0.01**
21	Other Inland Fish	378	1.05	3494	6.15	131	4.95	412	1.95	1042	3.99	516	4.21	633	2.59	**82841**	**3.50**
	TOTAL	**35951**	**100**	**56824**	**100**	**2593**	**100**	**21147**	**100**	**26066**	**100**	**12232**	**100**	**25163**	**100**	**2368741**	**100**

Table 3.20. Annual Fish Production of Seasonal Cultured Waterbodies in 2023-24

[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	2760	4824	11	15	2771	4839
2	Faridpur	5402	5663	508	910	5910	6573
3	Gazipur	3362	8083	3	9	3365	8092
4	Gopalganj	2284	3108	149	208	2433	3316
5	Kishoreganj	790	1157	1	2	791	1159
6	Madaripur	135	222	0	0	135	222
7	Manikganj	2245	3081	13	19	2258	3100
8	Munshiganj	5771	5344	6	9	5777	5353
9	Narayanganj	3335	2575	188	606	3523	3181
10	Narsingdi	472	1358	29	135	501	1493
11	Rajbari	2000	2386	195	359	2195	2745
12	Shariatpur	46	74	0	0	46	74
13	Tangail	1098	2410	123	303	1221	2713
Dhaka Division		**29700**	**40285**	**1226**	**2575**	**30926**	**42860**
14	Jamalpur	1425	1674	0	0	1425	1674
15	Mymensingh	1339	1352	347	0	1686	1352
16	Netrakona	4294	4294	18	18	4312	4312
17	Sherpur	999	1818	11	35	1010	1853
Mymensingh Division		**8057**	**9138**	**376**	**53**	**8433**	**9191**
18	Bagerhat	1641	1548	294	367	1935	1915
19	Chuadanga	1010	1480	11	35	1021	1515
20	Jashore	12333	27013	87	90	12420	27103
21	Jhenaidah	2072	2292	1016	1873	3088	4165
22	Khulna	879	862	304	491	1183	1353
23	Kushtia	850	691	1977	3774	2827	4465
24	Magura	155	126	4	3	159	129
25	Meherpur	215	219	1	2	216	221
26	Narail	0	0	345	634	345	634
27	Satkhira	3005	1845	258	276	3263	2121
Khulna Division		**22160**	**36076**	**4297**	**7545**	**26457**	**43621**
28	Barguna	627	622	92	161	719	783
29	Barishal	11719	7412	0	0	11719	7412
30	Bhola	73	30	136	419	209	449
31	Jhalokati	448	621	0	0	448	621
32	Patuakhali	79	118	94	138	173	256
33	Pirojpur	1604	1034	734	587	2338	1621
Barishal Division		**14550**	**9837**	**1056**	**1305**	**15606**	**11142**

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Sl. No.	District	Fish Culture in Floodplain & Paddy Field		Fish Culture in Borrow Pit		Total	
		Area	Production	Area	Production	Area	Production
34	Dinajpur	3101	3401	730	1025	3831	4426
35	Gaibandha	2229	2006	188	553	2417	2559
36	Kurigram	3495	4550	452	1070	3947	5620
37	Lalmonirhat	2993	4339	125	498	3118	4837
38	Nilphamari	994	1380	223	236	1217	1616
39	Panchagarh	719	1090	16	0	735	1090
40	Rangpur	2640	3911	53	247	2693	4158
41	Thakurgaon	340	687	0	0	340	687
Rangpur Division		**16511**	**21364**	**1787**	**3629**	**18298**	**24993**
42	Bogura	442	534	90	200	532	734
43	Chapainawabganj	93	105	106	116	199	221
44	Joypurhat	64	42	172	597	236	639
45	Naogaon	604	565	55	141	659	706
46	Natore	24	16	98	306	122	322
47	Pabna	679	590	1023	2476	1702	3066
48	Rajshahi	1351	1560	320	485	1671	2045
49	Sirajganj	285	319	335	849	620	1168
Rajshahi Division		**3542**	**3731**	**2199**	**5170**	**5741**	**8901**
50	Bandarban	0	0	0	0	0	0
51	Brahmanbaria	3383	4181	29	61	3412	4242
52	Chandpur	719	1428	464	1528	1183	2956
53	Chattogram	2234	2470	1535	2950	3769	5420
54	Cumilla	26739	82011	332	719	27071	82730
55	Cox's Bazar	539	519	33	55	572	574
56	Feni	508	480	27	50	535	530
57	Khagrachhari	0	0	0	0	0	0
58	Lakshmipur	137	282	320	446	457	728
59	Noakhali	1029	1570	110	161	1139	1731
60	Rangamati	0	0	0	0	0	0
Chattogram Division		**35288**	**92941**	**2850**	**5970**	**38138**	**98911**
61	Habiganj	1297	1278	71	121	1368	1399
62	Moulvibazar	145	241	414	574	559	815
63	Sunamganj	797	1255	418	610	1215	1865
64	Sylhet	1214	2058	582	930	1796	2988
Sylhet Division		**3453**	**4832**	**1485**	**2235**	**4938**	**7067**
TOTAL		**133261**	**218204**	**15276**	**28482**	**148537**	**246686**

Source	Area (Ha)	Production (MT)	MT/Ha	*% of* Production	*Growth Rate (%)*
Floodplain/Paddy field	133261	218204	1.64	**88.45**	***6.43***
Borrow Pit	15276	28482	1.86	**11.55**	***7.21***
Total	**148537**	**246686**	1.66	**100**	***6.52***

Table 3.21. Species Composition of Fish Production of Seasonal Cultured Waterbodies in 2023-24

Sl. No.	Species	Total Catch (Metric Ton)	%
1	Rui *(Labeo rohita)*	57897	23.47
2	Catla *(Catla catla)*	25877	10.49
3	Mrigal *(Cirrhinus cirrhosus)*	27456	11.13
4	Kalibaus *(Labeo calbasu)*	567	0.23
5	Bata (*Labeo bata)*	11274	4.57
6	Ghania *(Labeo gonius)*	2689	1.09
7	Silver Carp *(Hypophthalmichthys molitrix)*	39568	16.04
8	Grass Carp *(Ctenopharyngodon idella)*	12877	5.22
9	Common Carp *(Cyprinus carpio)*	25063	10.16
10	Other Exotic Carp	0	0
11	Pangas *(Pangasius pangasius)*	0	0
12	Boal/Ayre/Guizza Ayre *(Wallago attu/ Sperata aor/Sperata seenghala)*	197	0.08
13	Shol/Gazar/Taki *(Channa striatus/C. marulius/C. punctatus)*	395	0.16
14	Koi *(Anabas testudineus)*	1677	0.68
15	Shingi/Magur *(Heteropneustes fossilis/Clarias batrachus)*	123	0.05
16	Tilapia/Nilotica (*Oreochromis mossambicus/O. niloticus)*	25041	10.15
17	Sarpunti *(Puntius sarana)*	8930	3.62
18	Cuchia *(Monopterus cuchia)*	97	0.04
19	Other Inland Fish	4960	2.01
20	Big Prawn	814	0.33
21	Small Prawn	1184	0.48
	TOTAL	**246686**	**100**

Table 3.22. Annual Fish Production of Baors in 2023-24

Sl. No.	District	Area (Ha)	Production (Metric Ton)
1	Faridpur	437	897
2	Gopalganj	791	1106
3	Madaripur	1119	1548
4	Rajbari	14	38
Dhaka Division		**2361**	**3589**
5	Bagherhat	90	20
6	Chuadanga	498	1685
7	Jashore	1474	4012
8	Jhenaidah	1428	2651
9	Kushtia	87	207
10	Magura	118	268
11	Meherpur	81	256
12	Satkhira	81	205
Khulna Division		**3857**	**9304**
TOTAL		**6218**	**12893**
Unit Production (MT/Ha)			***2.07***

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 2023-24

SL. No.	Species	Total Production (Metric Ton)	%
1	Rui	1913	*14.84*
2	Catla	1198	*9.29*
3	Mrigal	932	*7.23*
4	Kalibaus	139	*1.08*
5	Bata	320	*2.48*
6	Ghania	35	*0.27*
7	Silver carp	1813	*14.06*
8	Grass carp	716	*5.55*
9	Mirror/Common carp	407	*3.16*
10	Other Exotic carp	64	*0.50*
11	Pangas	96	*0.75*
12	Boal/Ayre	222	*1.72*
13	Shol/Gazar/Taki	329	*2.55*
14	Koi	34	*0.26*
15	Shingi/Magur	23	*0.18*
16	Tilapia/Nilotica	517	*4.01*
17	Sarpunti/Thai punti	290	*2.25*
18	Cuchia	13	*0.10*
19	Other Inland Fish	3236	*25.10*
20	Big Shrimp/Prawn	61	*0.47*
21	Small Shrimp/Prawn	535	*4.15*
	TOTAL	**12893**	***100***

Table 3.24. Annual Production of Shrimp/Prawn Farms in 2023-24

District	Area (Ha)				Shrimp/ Prawn Production (MT)				Crab Production (MT)	Fish Production (MT)	Total Production (MT)
	Bagda	Galda	Crab	Total	Bagda	Galda	Other shrimp/ prawn	Total shrimp/ prawn			
Dhaka	0	1.26	0	1.26	0	0.17	0	0.17	0	5.18	5.35
Faridpur	0	9.40	0	9.40	0	5.03	0	5.03	0	6.03	11.06
Gazipur	0	2.40	0	2.40	0	0.44	0	0.44	0	8.42	8.86
Gopalganj	0	1486.70	0	1486.70	0	833.85	0	833.85	0	1528.00	2361.85
Kishoreganj	0	1.00	0	1.00	0	0.30	0.20	0.50	0	3.00	3.50
Madaripur	0	19.74	0	19.74	0	11.29	0	11.29	0	67.99	79.28
Manikganj	0	1.00	0	1.00	0	0.74	0	0.74	0	0.50	1.24
Munsiganj	0	0.50	0	0.50	0	0.30	0	0.30	0	1.50	1.80
Narayanganj	0	0	0	0	0	0	0	0	0	0	0
Narsingdi	0	0	0	0	0	0	0	0	0	0	0
Rajbari	0	0	0	0	0	0	0	0	0	0	0
Shariatpur	0	12.00	0	12.00	0	6.95	0	6.95	0	43.00	49.95
Tangail	0	0	0	0	0	0	0	0	0	0	0
Dhaka Div.	**0**	**1534.00**	**0**	**1534.00**	**0**	**859.07**	**0.20**	**859.27**	**0**	**1663.62**	**2522.89**
Jamalpur	0	0.50	0	0.50	0	2.50	0	2.50	0	3.00	5.50
Mymensingh	0	0	0	0	0	0	0	0	0	0	0
Netrakona	0	0	0	0	0	0	0	0	0	0	0
Sherpur	0	0	0	0	0	0	0	0	0	0	0
Mymensingh Div.	**0**	**0.50**	**0**	**0.50**	**0**	**2.50**	**0**	**2.50**	**0**	**3.00**	**5.50**
Bagerhat	52551.00	19773.30	1609.50	73933.80	20940.30	19716.74	2549.23	43206.27	884.00	37135.09	81225.36
Chuadanga	0	0	0	0	0	0	0	0	0	0	0
Jashore	1278.00	16634.16	65.00	17977.16	465.00	9847.80	89.50	10402.30	0.25	23138.00	33540.55
Jhenaidah	0	0	0	0	0	0	0	0	0	0	0
Khulna	32998.33	19016.44	7325.00	59339.77	12675.45	13415.20	2275.00	28365.65	5225.00	47607.00	81197.65
Kushtia	0	0.90	0	0.90	0	1.00	0	1.00	0	0	1.00
Magura	0	13.95	0	13.95	0	8.55	0	8.55	0	49.40	57.95
Meherpur	0	0	0	0	0	1.00	0	1.00	0	0	1.00
Narail	0	2327.00	0	2327.00	0	2040.00	310.00	2350.00	0	2500.00	4850.00
Satkhira	58294.00	9389.00	321.00	68004.00	26485.00	9185.00	5847.00	41517.00	1966.50	42437.00	85920.50
Khulna Div.	**145121.33**	**67154.75**	**9320.50**	**221596.58**	**60565.75**	**54215.29**	**11070.73**	**125851.77**	**8075.75**	**152866.49**	**286794.01**
Barguna	256.50	148.40	8.00	412.90	104.99	100.89	82.94	288.82	35.94	338.50	663.26
Barishal	0	779.00	0	779.00	0	434.50	66.38	500.88	0	2444.00	2944.88
Bhola	22.60	23.40	14.00	60.00	10.05	13.72	1.50	25.27	3.80	14.05	43.12
Jhalokati	0	51.73	0	51.73	0	27.05	0	27.05	0	163.95	191.00
Patuakhali	488.00	717.00	20.00	1225.00	181.00	442.50	410.40	1033.90	171.00	2383.50	3588.40
Pirojpur	40.00	1035.00	6.20	1081.20	19.00	606.00	66.00	691.00	25.20	1891.80	2608.00
Barishal Div.	**807.10**	**2754.53**	**48.20**	**3609.83**	**315.04**	**1624.66**	**627.22**	**2566.92**	**235.94**	**7235.80**	**10038.66**
Dinajpur	0	2.52	0	2.52	0	0.98	0	0.98	0	14.02	15.00
Gaibandha	0	0	0	0	0	0	0	0	0	0	0
Kurigram	0	0.50	0	0.50	0	0.30	0	0.30	0	2.70	3.00
Lalmonirhat	0	0	0	0	0	0	0	0	0	0	0
Nilphamari	0	1.15	0	1.15	0	0.84	0	0.84	0	3.31	4.15
Panchagarh	0	0	0	0	0	0	0	0	0	0	0
Rangpur	0	5.35	0	5.35	0	5.37	0	5.37	0	25.50	30.87
Thakurgaon	0	0	0	0	0	0	0	0	0	0	0
Rangpur Div.	**0**	**9.52**	**0**	**9.52**	**0**	**7.49**	**0**	**7.49**	**0**	**45.53**	**53.02**

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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	2.78	0	2.78	0	2.09	0	2.09	0	17.19	19.28
C.nawabganj	0	0	0	0	0	0	0	0	0	0	0
Joypurhat	0	6.85	0	6.85	0	2.19	0	2.19	0	22.09	24.28
Naogaon	0	1.06	0	1.06	0	0.92	0	0.92	0	4.62	5.54
Natore	0	1.19	0	1.19	0	0.21	0	0.21	0	6.70	6.91
Pabna	0	4.28	0	4.28	0	2.78	0	2.78	0	4.38	7.16
Rajshahi	0	1.52	0	1.52	0	0.57	0	0.57	0	0	0.57
Sirajganj	0	2.96	0	2.96	0	1.33	0	1.33	0	8.41	9.74
Rajshahi Div.	**0**	**20.64**	**0**	**20.64**	**0**	**10.09**	**0**	**10.09**	**0**	**63.39**	**73.48**
Bandarban	0	0	0	0	0	0	0	0	0	0	0
Brahmanbaria	0	0	0	0	0	0	0	0	0	0	0
Chandpur	0	37.00	0	37.00	0	33.40	2.00	35.40	0	27.50	62.90
Chattogram	2010.00	151.00	0	2161.00	698.00	220.00	9.00	927.00	0	50.00	977.00
Cumilla	0	40.35	0	40.35	0	30.90	5.20	36.10	0	92.00	128.10
Cox's Bazar	42125.00	139.68	7286.50	49551.18	14398.80	292.98	2535.50	17227.28	2457.02	4886.60	24570.90
Feni	12.00	33.35	0	45.35	12.00	108.39	0	120.39	0	118.53	238.92
Khagrachhari	0	0	0	0	0	0	0	0	0	0	0
Lakshmipur	0	146.90	0	146.90	0	91.50	1.50	93.00	0	196.00	289.00
Noakhali	0	119.50	17.10	136.60	0	87.10	0	87.10	13.00	314.30	414.40
Rangamati	0	0	0	0	0	0	0	0	0	0	0
Chattogram Div.	**44147.00**	**667.78**	**7303.60**	**52118.38**	**15108.80**	**864.27**	**2553.20**	**18526.27**	**2470.02**	**5684.93**	**26681.22**
Habiganj	0	0	0	0	0	0	0	0	0	0	0
Moulvibazar	0	0	0	0	0	0	0	0	0	0	0
Sunamganj	0	0	0	0	0	0	0	0	0	0	0
Sylhet	0	0	0	0	0	0	0	0	0	0	0
Sylhet Div.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
TOTAL	**190075.43**	**72141.72**	**16672.30**	**278889.45**	**75989.59**	**57583.37**	**14251.35**	**147824.31**	**10781.71**	**167562.76**	**326168.78**
%	**68.15**	**25.87**	**5.98**	**100**	**23.30**	**17.65**	**4.37**	**45.32**	**3.31**	**51.37**	**100**

Species	Area (Ha)			Production (MT)			Kg/Ha		*Growth Rate (%)*	
	2023-24	2022-23	Difference	2023-24	2022-23	Difference	2023-24	2022-23	2023-24	2022-23
Bagda	190075.43	190063	12.43	75990	73540	2450	400	387	3.33	4.73
Galda	72141.72	71770	371.72	57583	58273	-690	798	812	-1.18	7.21
Other Shrimp /Prawn	0	0	0	14251	12539	1712	54	48	13.66	0.71
Shrimp/Prawn Total	**262217.15**	**261833**	**384.15**	**147824**	**144352**	**3472**	**564**	**551**	**2.41**	**5.35**
Fish	0	0	0	167563	156751	10812	639	599	6.90	4.17
Total	**262217.15**	**261833**	**384.15**	**315387**	**301103**	**14284**	**1203**	**1150**	**4.74**	**4.73**
Crab	16672.30	9372	7300.30	10782	12881	-2099	647	1374	-16.30	-3.85

Source: Report from Deputy Director (Shrimp), Dhaka and District Fisheries Offices. Other Shrimp/Prawn: Harina, Chaka and other small shrimp/ prawn. Crab production has been included since FY 2015-16.

Table 3.25. Species-wise Production of Shrimp/Prawn Farms in 2023-24

Sl. No.	Species	Total Production (Metric Ton)	%
1	Bagda *(Penaeus monodon)*	75990	23.30
2	Galda (*Macrobrachium rosenbergii)*	57583	17.65
3	Harina *(Metapenaeus monoceros)*	6030	1.85
4	Chaka *(Fenneropenaeus indicus)*	3068	0.94
5	Other Shrimp/Prawn	5153	1.58
Shrimp/Prawn Total		**147824**	**45.32**
6	Rui	37029	11.35
7	Catla	27453	8.42
8	Mrigal	5285	1.62
9	Kalibaus	0	0
10	Bata	3102	0.95
11	Ghania	614	0.19
12	Silver Carp	17149	5.26
13	Grass Carp	1839	0.56
14	Mirror/Common Carp	1396	0.43
15	Other Exotic Carp	0	0
16	Pangas	0	0
17	Boal/Ayre	0	0
18	Shol/Gazar/Taki	0	0
19	Koi	0	0
20	Shingi/ Magur	0	0
21	Tilapia/Nilotica	48553	14.88
22	Thai Sarpunti	19807	6.07
23	Cuchia	57	0.02
24	Other Fish	5279	1.62
Fish Total		**167563**	**51.37**
25	Crab	10782	3.31
TOTAL		**326169**	**100**

Table 3.26. Sector-wise Annual Shrimp/Prawn Production in 2023-24

[Production in Metric Ton]

Sl. No.	**Sector of Fisheries**	**Galda**	**Bagda**	**Harina**	**Chaka**	**Other Shrimp/ Prawn**	**Total**
1	River	4084	189	3606	381	14991	23251
2	Sundarbans	148	153	0	0	534	835
3	Beel	78	0	0	0	4555	4633
4	Kaptai Lake	0	0	0	0	157	157
5	Floodplain	1704	0	0	0	46108	47812
6	Pond	3244	0	0	0	3760	7004
7	Seasonal Cultured Waterbody	814	0	0	0	1184	1998
8	Baor	61	0	0	0	535	596
9	Shrimp/Prawn Farm	57583	75990	6030	3068	5153	147824
10	Pen Culture	0	0	0	0	107	107
11	Cage Culture	0	0	0	0	0	0
Inland Total		**67716**	**76332**	**9636**	**3449**	**77084**	**234217**
12	Marine Industrial	0	149	867	41	897	1954
13	Marine Artisanal	0	1143	1979	1932	19261	24315
Marine Total		**0**	**1292**	**2846**	**1973**	**20158**	**26269**
TOTAL		**67716**	**77624**	**12482**	**5422**	**97242**	**260486**
Annual Growth Rate (%)		**2.63**	**2.09**	**-7.60**	**-13.48**	**-11.20**	**-3.99**

Table 3.27. Annual Fish Production of Pen Culture in 2023-24

District	Area (Ha)	Production (MT)	MT/Ha
Dhaka	1654	2654	*1.60*
Faridpur	609	1262	*2.07*
Gazipur	364	911	*2.50*
Gopalganj	2945	4866	*1.65*
Kishoreganj	87	140	*1.61*
Madaripur	752	1475	*1.96*
Manikganj	223	545	*2.44*
Munshiganj	69	142	*2.06*
Narayanganj	443	1216	*2.74*
Narsingdi	35	101	*2.89*
Rajbari	4	11	*2.75*
Shariatpur	2	5	*2.50*
Tangail	2	5	*2.50*
Dhaka Division	**7189**	**13333**	**1.85**
Jamalpur	0	0	*0*
Mymensingh	0	0	*0*
Netrakona	50	101	*2.02*
Sherpur	0	0	*0*
Mymensingh Division	**50**	**101**	**2.02**
Bagerhat	253	209	*0.83*
Chuadanga	0	0	*0*
Jashore	0	0	*0*
Jhenaidah	0	0	*0*
Khulna	0	0	*0*
Kushtia	0	0	*0*
Magura	0	0	*0*
Meherpur	0	0	*0*
Narail	1	2	*2.00*
Satkhira	0	0	*0*
Khulna Division	**254**	**211**	**0.83**
Barguna	0	0	*0*
Barishal	15	37	*2.47*
Bhola	0	0	*0*
Jhalokati	58	125	*2.16*
Patuakhali	9	13	*1.44*
Pirojpur	0	0	*0*
Barishal Division	**82**	**175**	**2.13**
Dinajpur	0	0	*0*
Gaibandha	208	395	*1.90*
Kurigram	242	507	*2.10*
Lalmonirhat	77	159	*2.06*
Nilphamari	16	45	*2.81*
Panchagarh	159	230	*1.45*
Rangpur	25	63	*2.52*
Thakurgaon	5	14	*2.80*
Rangpur Division	**732**	**1413**	**1.93**
Bogura	25	63	*2.52*
Chapainawabganj	44	127	*2.89*
Joypurhat	0	0	*0*
Naogaon	0	0	*0*
Natore	6	17	*2.83*
Pabna	169	282	*1.67*
Rajshahi	0	0	*0*
Sirajganj	24	47	*1.96*
Rajshahi Division	**268**	**536**	**2.00**
Bandarban	0	0	*0*
Brahmanbaria	114	287	*2.52*
Chandpur	824	1400	*1.70*
Chattogram	0	0	*0*
Cumilla	56	84	*1.50*
Cox's Bazar	0	0	*0*
Feni	14	7	*0.50*
Khagrachhari	0	0	*0*
Lakshmipur	5	9	*1.80*
Noakhali	0	0	*0*
Rangamati	79	118	*1.49*
Chattogram Division	**1092**	**1905**	**1.74**
Habiganj	160	306	*1.91*
Moulvibazar	0	0	*0*
Sunamganj	10	22	*2.20*
Sylhet	45	121	*2.69*
Sylhet Division	**215**	**449**	**2.09**
TOTAL	**9882**	**18123**	**1.83**

Table 3.28. Annual Fish Production of Cage Culture in 2023-24

District	No. of Cage	Av. Size (cubic meter)	Total Area (cubic meter)	Produ-ction (MT)	District	No. of Cage	Av. Size (cubic meter)	Total Area (cubic meter)	Produc-tion (MT)
Dhaka	0	0	0	0	Dinajpur	20	18.58	372	8
Faridpur	0	0	0	0	Gaibandha	36	18.58	669	13
Gazipur	0	0	0	0	Kurigram	86	18.58	1598	20
Gopalganj	84	18.58	1561	20	Lalmonirhat	0	0	0	0
Kishoreganj	0	0	0	0	Nilphamari	10	18.58	186	9
Madaripur	354	18.58	6577	196	Panchagarh	30	18.58	557	14
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**	**182**	**18.58**	**3382**	**64**
Narsingdi	2344	18.58	43552	1649	Bogura	24	18.58	446	13
Rajbari	0	0	0	0	Chapainawabganj	30	18.58	557	11
Shariatpur	12	18.58	223	5	Joypurhat	0	0	0	0
Tangail	0	0	0	0	Naogaon	0	0	0	0
Dhaka Division	**2794**	**18.58**	**51913**	**1870**	Natore	0	0	0	0
Jamalpur	60	18.58	1115	18	Pabna	658	18.58	12226	344
Mymensingh	0	0	0	0	Rajshahi	20	18.58	372	5
Netrakona	0	0	0	0	Sirajganj	2500	18.58	46450	1425
Sherpur	0	0	0	0	**Rajshahi Division**	**3232**	**18.58**	**60051**	**1798**
Mymensingh Division	**60**	**18.58**	**1115**	**18**	Bandarban	0	0	0	0
Bagerhat	10	18.58	186	3	Brahmanbaria	190	18.58	3530	120
Chuadanga	0	0	0	0	Chandpur	2360	18.58	43849	959
Jashore	0	0	0	0	Chattogram	0	0	0	0
Jhenaidah	0	0	0	0	Cumilla	360	18.58	6689	140
Khulna	10	18.58	186	3	Cox's Bazar	0	0	0	0
Kushtia	0	0	0	0	Feni	20	18.58	372	14
Magura	0	0	0	0	Khagrachhari	0	0	0	0
Meherpur	0	0	0	0	Lakshmipur	180	18.58	3344	58
Narail	0	0	0	0	Noakhali	0	0	0	0
Satkhira	0	0	0	0	Rangamati	340	18.58	6317	128
Khulna Division	**20**	**18.58**	**372**	**6**	**Chattogram Division**	**3450**	**18.58**	**64101**	**1419**
Barguna	192	18.58	3567	81	Habiganj	0	0	0	0
Barishal	129	18.58	2397	63	Moulvibazar	0	0	0	0
Bhola	280	18.58	5202	107	Sunamganj	0	0	0	0
Jhalokati	0	0	0	0	Sylhet	0	0	0	0
Patuakhali	0	0	0	0	**Sylhet Division**	**0**	**0**	0	**0**
Pirojpur	50	18.58	929	26	**TOTAL**	**10389**	**18.58**	**193029**	**5452**
Barishal Division	**651**	**18.58**	**12095**	**277**					

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 2023-24

SL. No.	Species	Cage Culture		Pen Culture	
		Production (MT)	%	Production (MT)	%
1	Rui	-	-	2539	14.01
2	Catla	-	-	1767	9.75
3	Mrigal	-	-	1626	8.97
4	Kalibaus	-	-	214	1.18
5	Bata	-	-	442	2.44
6	Ghania	-	-	217	1.20
7	Silver carp	-	-	1327	7.32
8	Grass carp	-	-	464	2.56
9	Mirror/Common carp	-	-	442	2.44
10	Other Exotic carp	-	-	250	1.38
11	Pangas	-	-	468	2.58
12	Boal/Ayre	-	-	67	0.37
13	Shol/Gazar/Taki	-	-	74	0.41
14	Koi	-	-	33	0.18
15	Shingi/Magur	-	-	76	0.42
16	Big Shrimp/Prawn	-	-	0	0
17	Small Shrimp/Prawn	-	-	107	0.59
18	Tilapia/Nilotica	5452	100	4398	24.27
19	Sarpunti/Thai punti	-	-	1959	10.81
20	Cuchia	-	-	2	0.01
21	Other Inland Fish	-	-	1651	9.11
	TOTAL	**5452**	**100**	**18123**	**100**

Table 3.30 Annual Catch of Cuchia in 2023-24

District	Production (MT)		
	Culture	Capture	Total
Dhaka	0	5	5
Faridpur	0	52	52
Gazipur	0	22	22
Gopalganj	18	159	177
Kishoreganj	0	11	11
Madaripur	0	115	115
Manikganj	0	17	17
Munshiganj	0	66	66
Narayanganj	0	9	9
Narsingdi	0	145	145
Rajbari	0	102	102
Shariatpur	0	15	15
Tangail	0	15	15
Dhaka Division	**18**	**733**	**751**
Jamalpur	0	30	30
Mymensingh	0	8	8
Netrakona	0	56	56
Sherpur	6	6	12
Mymensingh Division	**6**	**100**	**106**
Bagerhat	1	161	162
Chuadanga	0	0	0
Jashore	5	35	40
Jhenaidah	1	8	9
Khulna	105	550	655
Kushtia	0	49	49
Magura	0	5	5
Meherpur	0	1	1
Narail	0	2	2
Satkhira	55	56	111
Khulna Division	**167**	**867**	**1034**
Barguna	21	167	188
Barishal	75	662	737
Bhola	4	289	293
Jhalokati	0	40	40
Patuakhali	29	594	623
Pirojpur	0	255	255
Barishal Division	**129**	**2007**	**2136**

District	Production (MT)		
	Culture	Capture	Total
Dinajpur	0	8	8
Gaibandha	0	18	18
Kurigram	0	16	16
Lalmonirhat	0	4	4
Nilphamari	0	0	0
Panchagarh	2	2	4
Rangpur	0	179	179
Thakurgaon	2	13	15
Rangpur Division	**4**	**240**	**244**
Bogura	0	14	14
Chapainawabganj	0	14	14
Joypurhat	0	9	9
Naogaon	3	80	83
Natore	0	41	41
Pabna	2	219	221
Rajshahi	0	33	33
Sirajganj	0	371	371
Rajshahi Division	**5**	**781**	**786**
Bandarban	0	4	4
Brahmanbaria	0	371	371
Chandpur	2	164	166
Chattogram	0	179	179
Cumilla	0	6	6
Cox's Bazar	0	12	12
Feni	0	4	4
Khagrachhari	0	2	2
Lakshmipur	0	23	23
Noakhali	2	3	5
Rangamati	0	10	10
Chattogram Division	**4**	**778**	**782**
Habiganj	8	1075	1083
Moulvibazar	0	339	339
Sunamganj	0	861	861
Sylhet	0	408	408
Sylhet Division	**8**	**2683**	**2691**
TOTAL	**341**	**8189**	**8530**

Table 3.31. Annual Catch of Hilsa in Inland and Marine Fisheries in 2023-24

[Unit: Metric Ton]

District	Principal River						Other River	River Total	Sundarbans	Inland Total	Marine Total	District Total
	Lower Meghna	Upper Meghna	Lower Padma	Upper Padma	Jamuna	Brahma Putra						
Dhaka	0	0	58	0	0	0	0	58	0	58	0	**58**
Faridpur	0	0	225	0	0	0	0	225	0	225	0	**225**
Gazipur	0	0	0	0	0	0	0	0	0	0	0	**0**
Gopalganj	0	0	0	0	0	0	9	9	0	9	0	**9**
Kishoreganj	0	17	0	0	0	0	0	17	0	17	0	**17**
Madaripur	0	0	137	0	0	0	0	137	0	137	0	**137**
Manikganj	0	0	1090	0	0	0	0	1090	0	1090	0	**1090**
Munshiganj	0	305	543	0	0	0	0	848	0	848	0	**848**
Narayanganj	0	104	0	0	0	0	0	104	0	104	0	**104**
Narsingdi	0	201	0	0	0	0	0	201	0	201	0	**201**
Rajbari	0	0	450	287	0	0	0	737	0	737	0	**737**
Shariatpur	1401	0	2600	0	0	0	0	4001	0	4001	0	**4001**
Tangail	0	0	0	0	105	0	0	105	0	105	0	**105**
Dhaka Division	**1401**	**627**	**5103**	**287**	**105**	**0**	**9**	**7532**	**0**	**7532**	**0**	**7532**
Jamalpur	0	0	0	0	70	7	0	77	0	77	0	**77**
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**	**70**	**7**	**0**	**77**	**0**	**77**	**0**	77
Bagerhat	0	0	0	0	0	0	1002	1002	34	1036	875	**1911**
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	1219	1219	421	1640	740	**2380**
Kushtia	0	0	0	6	0	0	0	6	0	6	0	**6**
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	6	6	0	6	0	**6**
Satkhira	0	0	0	0	0	0	0	0	0	0	0	**0**
Khulna Division	**0**	**0**	**0**	**6**	**0**	**0**	**2227**	**2233**	**455**	**2688**	**1615**	**4303**
Barguna	0	0	0	0	0	0	5532	5532	0	5532	64240	**69772**
Barishal	34225	0	0	0	0	0	2495	36720	0	36720	1560	**38280**
Bhola	89013	0	0	0	0	0	4093	93106	0	93106	75568	**168674**
Jhalokati	0	0	0	0	0	0	1080	1080	0	1080	0	**1080**
Patuakhali	0	0	0	0	0	0	28424	28424	0	28424	39352	**67776**
Pirojpur	0	0	0	0	0	0	1612	1612	0	1612	1640	**3252**
Barishal Division	**123238**	**0**	**0**	**0**	**0**	**0**	**43236**	**166474**	**0**	**166474**	**182360**	**348834**

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	10	7	0	17	0	17	0	**17**
Kurigram	0	0	0	0	0	138	0	138	0	138	0	**138**
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**	**10**	**145**	**0**	**155**	**0**	**155**	**0**	**155**
Bogura	0	0	0	0	4	0	0	4	0	4	0	**4**
Chapainawabganj	0	0	0	19	0	0	0	19	0	19	0	**19**
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	11	0	0	0	11	0	11	0	**11**
Pabna	0	0	0	80	45	0	0	125	0	125	0	**125**
Rajshahi	0	0	0	114	0	0	0	114	0	114	0	**114**
Sirajganj	0	0	0	0	250	0	0	250	0	250	0	**250**
Rajshahi Division	**0**	**0**	**0**	**224**	**299**	**0**	**0**	**523**	**0**	**523**	**0**	**523**
Bandarban	0	0	0	0	0	0	0	0	0	0	0	**0**
Brahmanbaria	0	216	0	0	0	0	0	216	0	216	0	**216**
Chandpur	31560	0	0	0	0	0	744	32304	0	32304	0	**32304**
Chattogram	0	0	0	0	0	0	4434	4434	0	4434	51361	**55795**
Cumilla	0	0	0	0	0	0	0	0	0	0	0	**0**
Cox's Bazar	0	0	0	0	0	0	2181	2181	0	2181	35887	**38068**
Feni	0	0	0	0	0	0	25	25	0	25	13	**38**
Khagrachhari	0	0	0	0	0	0	0	0	0	0	0	**0**
Lakshmipur	21025	0	0	0	0	0	157	21182	0	21182	1265	**22447**
Noakhali	10710	0	0	0	0	0	58	10768	0	10768	8417	**19185**
Rangamati	0	0	0	0	0	0	0	0	0	0	0	**0**
Chattogram Division	**63295**	**216**	**0**	**0**	**0**	**0**	**7599**	**71110**	**0**	**71110**	**96943**	**168053**
Habiganj	0	0	0	0	0	0	2	2	0	2	0	**2**
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	2	2	0	2	0	**2**
Sylhet Division	**0**	**0**	**0**	**0**	**0**	**0**	**10**	**10**	**0**	**10**	**0**	**10**
COUNTRY TOTAL	**187934**	**843**	**5103**	**517**	**484**	**152**	**53081**	**248114**	**455**	**248569**	**280918**	**529487**
%	**35.49**	**0.16**	**0.96**	**0.10**	**0.09**	**0.03**	**10.02**	**46.86**	**0.09**	**46.95**	**53.05**	**100**

[Unit: Metric Ton]

Sector	2023-24			2022-23	
	Production	Production Increased/decreased	*Growth Rate (%)*	Production	*Growth Rate (%)*
River	248114	-22771	*-8.41*	270885	*11.00*
Sundarbans	455	10	*2.25*	445	*-35.23*
Marine Industrial	2368	-5770	*-70.90*	8138	*-26.33*
Marine Artisanal	278550	-13324	*-4.56*	291874	*-6.10*
Total	**529487**	**-41855**	***-7.33***	**571342**	***0.84***

Table 3.32. Annual Catch of Marine Fisheries in 2023-24

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	33	99	1141	0	0	2078	3219
b) Fish Trawler	204	612	813	2368	6204	102200	111585
TOTAL INDUSTRIAL (A)	**237**	**711**	**1954**	**2368**	**6204**	**104278**	**114804**
B. ARTISANAL							
1. Gill Net Fishing							
a) Gill Net/ Trammel Net upto 1000 (m)	11124	15731	0	73521	3364	71451	148336
b) Gill Net/ Trammel Net >1000 (m)	14086	15766	0	176321	4268	60349	240938
SUB TOTAL	**25210**	**31497**	**0**	**249842**	**7632**	**131800**	**389274**
2. Set Bag Net Fishing	**2929**	**23725**	**22181**	**1927**	**107**	**64886**	**89101**
3. Long Line Fishing (Hook & Line)	**94**	**555**	**0**	**0**	**550**	**1690**	**2240**
4. Other Gears/ Traps Fishing	**342**	**2004**	**2134**	**26781**	**0**	**4289**	**33204**
TOTAL ARTISANAL (B)	**28575**	**57781**	**24315**	**278550**	**8289**	**202665**	**513819**
GRAND TOTAL (A+B)	**28812**	**58492**	**26269**	**280918**	**14493**	**306943**	**628623**

- **Annual *Growth Rate: -7.47%, (Hilsa: -6.36%, Shrimp: -43.83%, Tuna & Tuna Like Fish:-3.71% and other species: -3.34%)***
- **Annual *Growth Rate (Industrial): -21.39%; (Artisanal): -3.66%***
- **Tuna & Tuna Like Fish is incorporate separately from 2020-21**
- **According to Marine Fisheries Act, 2020, New survey was conducted through Sustainable Coastal and Marine Fisheries Project (SCMFP).**

Industrial Trawler			Artisanal Boat		
Type of Trawler	No. of Trawler	No. of Gear	Type of Boat (by gear type)	No. of Boat	No. of Gear
Shrimp Trawler	33	99	Gill Net/ Trammel Net upto 1000(m)	11124	15731
Fish Trawler	204	612	Gill Net/ Trammel Net > 1000(m)	14086	15766
			Set Bag Net Fishing	2929	23725
			Long Line Fishing	94	555
			Other Gears/ Traps Fishing	342	2004
Total	**237**	**711**		**28575**	**57781**

Table 3.33. Species-wise Catch of Marine Fisheries in 2023-24

[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	**1954**	**2368**	**6204**	**23065**	**1617**	**0**	**944**	**5335**	**5646**	**166**	**67505**	**104278**	**114804**
B. ARTISANAL													
1. Gill Net Fishing													
a) Gill net/ Trammel Net upto 1000 (m)	0	73521	3364	45	31470	40	3398	18110	4325	1550	12513	71451	148336
b) Gill net/ Trammel Net > 1000 (m)	0	176321	4268	578	11009	30	4217	26865	6285	376	10989	60349	240938
SUB-TOTAL	**0**	**249842**	**7632**	**623**	**42479**	**70**	**7615**	**44975**	**10610**	**1926**	**23502**	**131800**	**389274**
2. Set Bag Net Fishing													
SBN (All)	22181	1927	107	0	33705	1	2356	8511	1211	70	19032	64886	**89101**
SUB-TOTAL	**22181**	**1927**	**107**	**0**	**33705**	**1**	**2356**	**8511**	**1211**	**70**	**19032**	**64886**	**89101**
3. Long Line Fishing													
Hook & Line	0	0	550	0	0	34	0	908	390	0	358	1690	**2240**
SUB-TOTAL	**0**	**0**	**550**	**0**	**0**	**34**	**0**	**908**	**390**	**0**	**358**	**1690**	**2240**
4. Other Gears/ Traps Fishing													
Other Gears/ Traps	2134	26781	0	15	420	10	561	957	142	790	1394	4289	**33204**
SUB-TOTAL	**2134**	**26781**	**0**	**15**	**420**	**10**	**561**	**957**	**142**	**790**	**1394**	**4289**	**33204**
TOTAL ARTISANAL	**24315**	**278550**	**8289**	**638**	**76604**	**115**	**10532**	**55351**	**12353**	**2786**	**44286**	**202665**	**513819**
***GRAND TOTAL* (Industrial+Artisanal)**	**26269**	**280918**	**14493**	**23703**	**78221**	**115**	**11476**	**60686**	**17999**	**2952**	**111791**	**306943**	**628623**
%	**4.18**	**44.69**	**2.31**	**3.77**	**12.44**	**0.02**	**1.83**	**9.65**	**2.86**	**0.47**	**17.78**	**48.83**	**100**

Species-wise Annual Shrimp Catch in Marine Fisheries

Sector	Bagda (Tiger)	Harina (Brown)	Chaka (White)	Others	Total	Growth Rate (%)
Trawl Fishing	149	867	41	897	1954	-34.21
Artisanal Fishing	1143	1979	1932	19261	24315	-44.48
TOTAL	1292	2846	1973	20158	26269	-43.83

Table 3.34. Annual Carp Hatchling Production in 2023-24

Source of Production	No. of Hatchery	Hatchling Production (Kg)	%
1. Natural			
Jamuna River	-	942	-
Padma River	-	935	-
Arialkha River	-	0	-
Brahmaputra River	-	650	-
Garai/Madhumati River	-	61	-
Surma	-	0	-
Halda River	-	437	-
Natural Total		**3025**	*0.45*
2. Artificial			
Govt. Hatchery	110	16368	*2.45*
Private Hatchery	971	648360	*97.10*
Artificial Total	**1081**	**664728**	***99.55***
TOTAL	**1081**	**667753**	*100*

Note: ***Hatchling of 4-5 days old. Growth rate of Natural Hatchling is -20.77% and Artificial is 14.31%***

Table 3.35. Annual PL (Post Larvae) Production in 2023-24

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)	18	0.57	0	0	18	0.57
Govt. Hatchery (BFRI)	1	0.02	0	0	1	0.02
Private Hatchery	17	6.62	47	1035.52	64	1042.14
TOTAL	**36**	**7.21**	**47**	**1035.52**	**83**	**1042.73**

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

Table 3.36. Hatchling Production of Government Hatchery in 2023-24

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	14	1128	372	40	53	65	14	30	40	1742	0
2. Mymensingh	9	1529	146	0	87	75	0	10	25	1872	0
3. Khulna	13	1581	886	0	44	138	0	23	24	2696	0
4. Barishal	10	426	15	0	0	0	0	0	5	446	3.52
5. Rangpur	16	1197	639	0	156	326	20	73	10	2421	0
6. Rajshahi	16	1657	569	75	86	366	0	25	116	2894	0
7. Chattogram	16	1901	369	30	30	6	20	82	97	2535	0
8. Sylhet	7	862	92	0	58	10	0	10	24	1056	119.00
TOTAL	**101**	**10281**	**3088**	**145**	**514**	**986**	**54**	**253**	**341**	**15662**	**122.52**
* BFRI	9	471	40	15	156	6	3	2	13	706	4.53
TOTAL	**110**	**10752**	**3128**	**160**	**670**	**992**	**57**	**255**	**354**	**16368**	**127.05**

Table 3.37. Hatchling Production of Private Hatchery in 2024

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	49	14250	4581	50	1445	2389	910	644	1391	25660	582
2. Mymensingh	378	34342	23297	9973	9833	6956	15797	44087	34198	178483	6175
3. Khulna	83	42040	22749	496	1686	2644	27	495	7661	77798	22213
4. Barishal	29	12799	3045	350	1803	0	99	157	210	18463	783
5. Rangpur	114	33196	27830	150	6315	17193	1070	3479	1600	90833	217
6. Rajshahi	199	70354	51183	13765	5943	15113	2344	10691	7652	177045	22809
7. Chattogram	100	35193	14469	5358	1952	2826	210	97	7255	67360	2819
8. Sylhet	19	7117	3115	0	1122	561	0	0	803	12718	1146
TOTAL	**971**	**249291**	**150269**	**30142**	**30099**	**47682**	**20457**	**59650**	**60770**	**648360**	**56744**

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 2024

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	3800	1000	0	280	420	0	0	300	5800	0
Faridpur	2	550	320	0	150	400	0	0	0	1420	0
Gazipur	6	825	485	0	140	60	0	0	0	1510	538
Gopalganj	1	170	80	0	25	18	0	0	0	293	0
Kishoreganj	9	2665	1460	50	500	40	110	280	520	5625	10
Madaripur	1	110	12	0	20	30	0	0	0	172	0
Manikganj	4	1950	579	0	15	661	0	0	501	3706	0
Munshiganj	2	1850	0	0	0	0	0	0	70	1920	0
Narayanganj	0	0	0	0	0	0	0	0	0	0	0
Narsingdi	8	0	0	0	20	0	800	364	0	1184	0
Rajbari	3	710	205	0	0	50	0	0	0	965	0
Shariatpur	0	0	0	0	0	0	0	0	0	0	0
Tangail	7	1620	440	0	295	710	0	0	0	3065	34
Dhaka Division	**49**	**14250**	**4581**	**50**	**1445**	**2389**	**910**	**644**	**1391**	**25660**	**582**
Jamalpur	11	1167	715	0	190	535	0	85	45	2737	0
Mymensingh	320	30990	22145	9973	9483	6226	15455	38077	32633	164982	5368
Netrakona	34	330	220	0	0	0	342	5743	1495	8130	0
Sherpur	13	1855	217	0	160	195	0	182	25	2634	807
Mymensingh Division	**378**	**34342**	**23297**	**9973**	**9833**	**6956**	**15797**	**44087**	**34198**	**178483**	**6175**
Bagerhat	3	0	0	0	0	0	0	0	1148	1148	98
Chuadanga	3	0	0	0	0	0	27	20	942	989	0
Jashore	41	28767	16311	440	1012	140	0	0	4662	51332	956
Jhenaidah	0	0	0	0	0	0	0	0	0	0	0
Khulna	3	3899	1450	0	400	476	0	475	899	7599	19055
Kushtia	11	5784	2744	0	0	1635	0	0	0	10163	0
Magura	1	0	0	0	0	0	0	0	0	0	106
Meherpur	1	580	430	0	50	100	0	0	0	1160	0
Narail	1	810	1227	0	181	214	0	0	10	2442	0
Satkhira	19	2200	587	56	43	79	0	0	0	2965	1998
Khulna Division	**83**	**42040**	**22749**	**496**	**1686**	**2644**	**27**	**495**	**7661**	**77798**	**22213**
Barguna	2	0	0	0	0	0	0	0	0	0	100
Barishal	11	3740	1279	105	98	0	0	0	210	5432	636
Bhola	8	5015	0	0	0	0	0	0	0	5015	0
Jhalokati	1	385	0	0	30	0	0	0	0	415	0
Patuakhali	6	3659	1766	245	1675	0	99	157	0	7601	35
Pirozpur	1	0	0	0	0	0	0	0	0	0	12
Barishal Division	**29**	**12799**	**3045**	**350**	**1803**	**0**	**99**	**157**	**210**	**18463**	**783**

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	17	4970	3070	100	888	1922	10	55	125	11140	0
Gaibandha	25	6225	2860	50	150	1680	825	1775	540	14105	105
Kurigram	16	3450	4400	0	990	3645	0	0	0	12485	15
Lalmonirhat	15	5529	4554	0	2187	4038	20	0	0	16328	85
Nilphamari	9	4702	5036	0	836	1203	0	89	85	11951	0
Panchagarh	1	500	0	0	50	50	0	0	0	600	0
Rangpur	25	5060	6655	0	892	4125	215	1560	850	19357	12
Thakurgaon	6	2760	1255	0	322	530	0	0	0	4867	0
Rangpur Division	**114**	**33196**	**27830**	**150**	**6315**	**17193**	**1070**	**3479**	**1600**	**90833**	**217**
Bogura	122	41444	35551	9855	3694	9272	2305	7685	3239	113045	22100
Chapainawabganj	3	760	495	0	72	340	0	0	10	1677	0
Joypurhat	11	4940	2721	355	405	595	0	1735	1485	12236	0
Naogaon	29	4041	3173	3555	345	669	39	1271	2888	15981	0
Natore	6	1171	1247	0	25	348	0	0	0	2791	0
Pabna	8	8532	1000	0	440	1058	0	0	0	11030	709
Rajshahi	11	3497	4165	0	249	748	0	0	30	8689	0
Sirajganj	9	5969	2831	0	713	2083	0	0	0	11596	0
Rajshahi Division	**199**	**70354**	**51183**	**13765**	**5943**	**15113**	**2344**	**10691**	**7652**	**177045**	**22809**
Bandarban	0	0	0	0	0	0	0	0	0	0	0
Brahmanbaria	5	4971	2025	498	640	2525	70	71	166	10966	164
Chandpur	12	4638	546	0	855	70	0	0	53	6162	600
Chattogram	8	0	0	0	0	0	0	0	0	0	68
Cumilla	48	23001	11113	4670	390	215	140	26	6899	46454	0
Coxes Bazar	4	74	0	0	0	0	0	0	0	74	0
Feni	9	103	30	0	20	0	0	0	0	153	1390
Khagrachhari	0	0	0	0	0	0	0	0	0	0	0
Lakshmipur	7	1375	382	0	7	0	0	0	0	1764	123
Noakhali	7	1031	373	190	40	16	0	0	137	1787	474
Rangamati	0	0	0	0	0	0	0	0	0	0	0
Chattogram Division	**100**	**35193**	**14469**	**5358**	**1952**	**2826**	**210**	**97**	**7255**	**67360**	**2819**
Habiganj	6	1057	331	0	133	134	0	0	0	1655	0
Moulvibazar	10	5533	2750	0	900	427	0	0	700	10310	1130
Sunamganj	1	494	0	0	72	0	0	0	0	566	0
Sylhet	2	33	34	0	17	0	0	0	103	187	16
Sylhet Division	**19**	**7117**	**3115**	**0**	**1122**	**561**	**0**	**0**	**803**	**12718**	**1146**
TOTAL	**971**	**249291**	**150269**	**30142**	**30099**	**47682**	**20457**	**59650**	**60770**	**648360**	**56744**
%	**-**	**38.45**	**23.18**	**4.65**	**4.64**	**7.35**	**3.16**	**9.20**	**9.37**	**100**	**-**

- **Annual Growth Rate of Hatchlings: 14.70%; Growth rate of Tilapia Juvenile: 38.77%**

Table 3.39. Annual Carp Spawn/Fertilized Eggs Collected from Natural Sources in 2024

District	Upazila	Collection Centre	Name of River	No. of Saver	No. of People engaged	No.of Net used	No.of Boat used	Collection Period	Frequency of Spawning Time	Spawn Collected (kg)	Sale Rate of Spawn Tk/kg
Sirajganj	Sirajganj Sadar	Vatpiary, Panchasona, Parpachil, Rasel Park, MotinSaheber Ghat, 2 no Chaina Bath, Saidabad	Jamuna	99	71	202	24	June to July	3	351	2300
Sirajganj	Shahjadpur	Koijury	Jamuna	2	8	20	3	June to July	2	30	4000
Sirajganj	Chauhali	Ghorjan, Baghutia, Umarpur, Shathal, Bowyal kandi	Jamuna	8	24	32	10	June to July	2	309	2000
Sirajganj	Belkuchi	Southern Side of PGCL to Aguria, Meherpur, Meghulla, Betilghat	Jamuna	15	90	13	28	May to July	2	77	1500
Sirajganj	Kazirpur	Khudbandi & Kalitola	Jamuna	2	9	55	2	May to June	4	80	2000
Pabna	Bera	Raksha, Nagarbari	Jamuna	10	10	30	4	April to June	3	95	3500
			Jamuna Total	***136***	***212***	***352***	***71***	**-**	**-**	***942***	**-**
Natore	Lalpur	Lakshmipur, Beelmatia	Padma	0	0	0	0	-	0	0	0
Pabna	Iswardi	Islampur, Chok Rajapur	Padma	8	8	8	8	April to June	3	130	3750
Rajshahi	Ghudaghari	Alipur, Chakpara, Kharijagati	Padma	8	60	36	8	June to July	2	95	4000
Rajshahi	Paba	Shyampur, Sonai Kandi, Talaimari	Padma	19	38	145	15	June to July	2	50	5000
Rajshahi	Chargat	Chalkmukter Pur, Yousofpur, Piroz Pur, Joint of Padma & Boral River	Padma	40	70	30	30	June to July	2	180	4000
Rajshahi	Bagha	Alaipur, Chand Pur, Mirgonj	Padma	10	85	50	10	June to July	2	180	4500
Faridpur	Faridpur Sadar	Dholar Mour, C&B ghat	Padma	6	12	40	6	June to July	1	300	3000
			Padma Total	***91***	***273***	***309***	***77***	**-**	**-**	***935***	**-**
Faridpur	Sadarpur	Gopalpur, Arial Kha	Arial Kha	0	0	0	0	-	0	0	-
			Arialkha Total	***0***	***0***	***0***	***0***	**-**	***0***	***0***	**-**
Faridpur	Modhukhali	Kamarkhali Ghat	Gharai/Modhumati	0	0	0	0	-	0	0	-
Magura	Sreepur	Kudla, Gangaramkhali	Gharai Nodi	3	7	29	2	June to July	1	40	3200
Magura	Mohammadpur	Babu Khali, Datiadaha, Komorpur	Modhumati	2	2	22	2	June to July	2	21	3000
			Gharai, Modhumati Total	***5***	***9***	***51***	***4***	**-**	**-**	***61***	**--**
Sylhet	Golapgonj	Hajipur	Surma	0	0	0	0	-	-	0	-
			Surma Total	***0***	***0***	***0***	***0***		***0***	***0***	-
Gaibandha	Shagatta	Munshir hat	Brahmaputra& Jamuna	2	24	12	4	June to July	15	300	2000
Gaibandha	Fulchari	Gojaria	Brahmaputra	5	100	20	25	June to July	15	350	3000
			Brahmaputra Total	***7***	***124***	***32***	**29**	-	-	**650**	--
Chattogram	Hathazari	Ramdash Hat, Macuya Ghona, Amtua, Azimer Ghat	Halda	67	370	163	192	23-Jun	1	326	50000
Chattogram	Rawzan	Ramdash Hat, Sipahi Ghona, kagotia, Machua Ghona, Amtua, Azimer Ghat, Noyahat,	Halda	100	285	142	120	23-Jun	1	111	50000
			Halda Total	***167***	***655***	***305***	**312**	-	-	**437**	**-**
COUNTRY TOTAL				**406**	**1273**	**1049**	**493**	**-**	**-**	**3025**	**-**

Table 3.40. Year-wise Annual Export of Fish and Fish Product (*2003-04 to 2023-24*)

[Quantity in Metric Ton] *[Value in* Crore *Taka]* *[1 US Dollar = 108.58 to 117.45 Taka]*

Year	Frozen Shrimp/ Prawn		Live Fish		Frozen Fish		Chilled Fish		Dry fish		Salted/ dehydrated fish		Crab		Dog 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	
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	256.20	-	-	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	325.90	-	-	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	254.30	10008.70	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	30571.40	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	3407.70	80.46	0	0	74042.67	5191.76	1.05
2022-23	25143.29	2990.88	4660.42**	175.22	9289.28	436.42	17775.00	645.61	2224.62	48.78	39.20	4.01	7452.15	445.19	3296.64	44.23	0	0	69880.60	4790.34	0.80
2023-24	19131.35	2117.67	7649.59	293.73	8909.00	422.06	24859.90	825.49	2961.69	65.97	76.50	6.21	9788.72	699.98	12.24	0.98	4018.95	99.77	77407.94	4531.86	0.91

***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 2010-11and Cuchia has been included in Live Fish since 2015-16. ** Live Fish in 2022-23 (Cuchia 4656.47 MT & Value 174.79 crore taka; Fish 3.95 MT & Value 0.43 crore taka). Crab 9788.72 MT & Value 699.98 crore taka. *4250.31 crore taka (as per EPB data).*

Exported Frozen Shrimp/ Prawn in 2023-24

	Export Amount (MT)	Export Value (Crore Taka)
Galda	4042.50	555.16
Bagda	13049.94	1397.36
Others	2038.91	165.15
Total	19131.35	2117.67

Table 3.41. District wise Total Dry Fish Production of Inland and Marine Fisheries in 2023-24

[Unit: Metric Ton]

No.	District	River	Sun darban	Beel	Kaptai Lake	Flood-plain	Haor	Pond	Seasonal Cultured Water body	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	Inland Total	Marine	Total
1	Dhaka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
2	Faridpur	1.60	0	0	0	6.50	0	0	0	0	0	0	0	8.10	0	**8.10**
3	Gazipur	0	0	0.31	0	0.79	0	0	0	0	0	0	0	1.10	0	**1.10**
4	Gopalganj	0	0	34.20	0	29.90	0	0	0	1.75	0	0	0	65.85	0	**65.85**
5	Kishoreganj	533.95	0	118.65	0	56.50	160.90	0	55.10	0	0	16.05	0	941.15	0	**941.15**
6	Madaripur	0.30	0	0.80	0	7.44	0	0	0.20	0.50	0	0	0	9.24	0	**9.24**
7	Manikganj	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
8	Munshiganj	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
9	Narayanganj	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
10	Narsingdi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
11	Rajbari	0	0	22.00	0	0	0	0	0	0	0	0	0	22.00	0	**22.00**
12	Shariatpur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
13	Tangail	0.55	0	2.00	0	0.20	0	0	0	0	0	0	0	2.75	0	**2.75**
Dhaka Division		**536.40**	**0**	**177.96**	**0**	**101.33**	**160.90**	**0**	**55.30**	**2.25**	**0**	**16.05**	**0**	**1050.19**	**0**	**1050.19**
14	Jamalpur	0	0	14.00	0	18.00	0	0	0	0	0	0	0	32.00	0	**32.00**
15	Mymensingh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
16	Netrakona	13.38	0	99.34	0	75.65	332.40	0	0	0	0	0	0	520.77	0	**520.77**
17	Sherpur	0	0	1.62	0	0	0	0	0	0	0	0	0	1.62	0	**1.62**
Mymensingh Division		**13.38**	**0**	**114.96**	**0**	**93.65**	**332.40**	**0**	**0**	**0**	**0**	**0**	**0**	**554.39**	**0**	**554.39**
18	Bagerhat	0	0	4.95	0	0	0	0	0	0	13.20	0	0	18.15	5425.57	**5443.72**
19	Chuadanga	10.50	0	0	0	0	0	0	0	0	0	0	0	10.50	0	**10.50**
20	Jashore	5.10	0	7.55	0	0	0	0	13.43	4.92	0	0	0	31.00	0	**31.00**
21	Jhenaidah	0.70	0	5.80	0	3.10	0	0	0	5.20	0	0	0	14.80	0	**14.80**
22	Khulna	38.90	32.30	0	0	0	0	0	0	0	0	0	0	71.20	279.10	**350.30**
23	Kushtia	3.21	0	2.63	0	2.16	0	0	0	0	0	0	0	8.00	0	**8.00**
24	Magura	3.55	0	0	0	0	0	0	0	0	0	0	0	3.55	0	**3.55**
25	Meherpur	9.00	0	0	0	0	0	0	0	0	0	0	0	9.00	0	**9.00**
26	Narail	0	0	63.10	0	0	0	0	0	0	0	0	0	63.10	0	**63.10**
27	Satkhira	18.00	26.00	0	0	0	0	0	18.00	3.00	141.00	0	0	206.00	23.00	**229.00**
Khulna Division		**88.96**	**58.30**	**84.03**	**0**	**5.26**	**0**	**0**	**31.43**	**13.12**	**154.20**	**0**	**0**	**435.30**	**5727.67**	**6162.97**
28	Barguna	0	0	0	0	0	0	0	0	0	0	0	0	0	330.12	**330.12**
29	Barishal	12.80	0	3.00	0	12.60	0	0	6.80	0	0	0	0	35.20	0	**35.20**
30	Bhola	41.00	0	0	0	0	0	0	0	0	0	0	0	41.00	335.00	**376.00**
31	Jhalokati	0	0	0	0	0	0	0	0	0	0	0	0	0	5.00	**5.00**
32	Patuakhali	0	0	0	0	0	0	0	0	0	0	0	0	0	361.00	**361.00**
33	Pirojpur	0	0	0	0	0	0	0	0	0	0	0	0	0	140.00	**140.00**
Barishal Division		**53.80**	**0**	**3.00**	**0**	**12.60**	**0**	**0**	**6.80**	**0**	**0**	**0**	**0**	**76.20**	**1171.12**	**1247.32**

Cont'd….

[Unit: Metric Ton]

No.	District	River	The Sundarbans	Beel	Kaptai Lake	Flood-plain	Haor	Pond	Seasonal Cultured Water body	Baor	Shrimp/ Prawn Farm	Pen Culture	Cage Culture	Inland Total	Marine	Total
34	Dinajpur	1.20	0	1.35	0	1.40	0	0.50	0.60	0	0	0	0	5.05	0	**5.05**
35	Gaibandha	1.73	0	2.10	0	1.70	0	2.50	0.70	0	0	0	0	8.73	0	**8.73**
36	Kurigram	2.00	0	3.00	0	5.00	0	0	0	0	0	0	0	10.00	0	**10.00**
37	Lalmonirhat	0	0	0.70	0	0.32	0	0	0	0	0	0	0	1.02	0	**1.02**
38	Nilphamari	0.44	0	0.46	0	0.44	0	0.35	0.35	0	0	0	0	2.04	0	**2.04**
39	Panchagarh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
40	Rangpur	1.05	0	2.12	0	3.30	0	0	0	0	0	0	0	6.47	0	**6.47**
41	Thakurgaon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Rangpur Division		**6.42**	**0**	**9.73**	**0**	**12.16**	**0**	**3.35**	**1.65**	**0**	**0**	**0**	**0**	**33.31**	**0**	**33.31**
42	Bogura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
43	C. nawabganj	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
44	Joypurhat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
45	Naogaon	10.27	0	104.66	0	33.00	0	0	0	0	0	0	0	147.93	0	**147.93**
46	Natore	25.00	0	50.00	0	237.50	0	3.00	1.50	0	0	0	0	317.00	0	**317.00**
47	Pabna	0	0	114.50	0	8.00	0	0	0	0	0	0	0	122.50	0	**122.50**
48	Rajshahi	3.50	0	15.65	0	0	0	0	0	0	0	0	0	19.15	0	**19.15**
49	Sirajganj	23.35	0	55.25	0	237.70	0	0	0.65	0	0	0	0	316.95	0	**316.95**
Rajshahi Division		**62.12**	**0**	**340.06**	**0**	**516.20**	**0**	**3.00**	**2.15**	**0**	**0**	**0**	**0**	**923.53**	**0**	**923.53**
50	Bandarban	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
51	Brahmnbaria	1462.80	0	15.00	0	0	0	0	0	0	0	0	0	1477.80	0	**1477.80**
52	Chandpur	10.40	0	0	0	16.50	0	0	6.25	0	0	0	0	33.15	0	**33.15**
53	Chattogram	0	0	0	0	0	0	0	0	0	0	0	0	0	870.00	**870.00**
54	Cumilla	22.87	0	15.00	0	1.59	0	2.12	0	0	0	0	0	41.58	0	**41.58**
55	Cox's Bazar	0	0	0	0	0	0	0	0	0	0	0	0	0	48285.00	**48285.00**
56	Feni	30.00	0	0	0	40.00	0	0	0	0	0	0	0	70.00	0	**70.00**
57	Khagrachhari	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
58	Lakshmipur	15.00	0	0	0	0	0	0	0	0	0	0	0	15.00	0	**15.00**
59	Noakhali	46.00	0	0	0	0	0	0	0	0	0	0	0	46.00	1445.00	**1491.00**
60	Rangamati	0	0	0	67.50	0	0	0	0	0	0	0	0	67.50	0	**67.50**
Chattogram Division		**1587.07**	**0**	**30.00**	**67.50**	**58.09**	**0**	**2.12**	**6.25**	**0**	**0**	**0**	**0**	**1751.03**	**50600.00**	**52351.03**
61	Habiganj	38.00	0	262.00	0	783.00	365.00	179.00	0	0	0	0	0	1627.00	0	**1627.00**
62	Moulvibazar	1.00	0	13.00	0	4.00	50.40	0	1.35	0	0	0	0	69.75	0	**69.75**
63	Sunamganj	19.00	0	1125.00	0	192.00	1217.00	34.00	1.07	0	0	0	0	2588.07	0	**2588.07**
64	Sylhet	116.00	0	83.00	0	0	40.00	0	0	0	0	0	0	239.00	450.00	**689.00**
Sylhet Division		**174.00**	**0**	**1483.00**	**0**	**979.00**	**1672.40**	**213.00**	**2.42**	**0**	**0**	**0**	**0**	**4523.82**	**450.00**	**4973.82**
TOTAL		**2522.15**	**58.30**	**2242.74**	**67.50**	**1778.29**	**2165.70**	**221.47**	**106.00**	**15.37**	**154.20**	**16.05**	**0**	**9347.77**	**57948.79**	**67296.56**

Table 3.42. Number of Fish Farmer and Fishers in 2023-24

Sl No.	Category	Number of Fish Farmer and Fishermen		
		Male	**Female**	**Total**
A. **Fish Farmer**				
1	Inland Aquaculture	2457654	367096	2824750
2	Coastal Shrimp/Prawn Farming	270934	43270	314204
3	Crab Farming/ Fattening	13082	5785	18867
Sub Total		**2741670**	**416151**	**3157821**
B. **Fishers**				
4	Fishermen	1785253	44679	1829932
TOTAL		**4526923**	**460830**	**4987753**

Note: Inland Aquaculture Farmer- Pond Aquaculture, Aquaculture in Seasonal Cultured Waterbodies, Pen Culture, Cage Culture, Aquaculture in Baor and Nursery Pond farmer.

Table 3.43. Sector-wise Annual Fish Production (2008-09 to 2023-24)

[Unit: Metric Ton]

Year	Capture					Culture							Marine		Total	Growth Rate (%)
	River	The Sundar-bans	Beel	Kaptai Lake	Flood Plain	Pond	Seasonal Cultured Waterbody	Baor	Shrimp	Crab	Pen Culture	Cage Culture	Marine Industrial	Marine Artisanal		
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	5.60
2011-12	145613	21610	85208	8537	696127	1392412	132163	5186	196306	-	-	-	73386	505234	3261782	6.54
2012-13	147264	15945	87902	9017	701330	1446594	200833	6146	206235	-	-	-	73030	515958	3410254	4.55
2013-14	167373	18366	88911	8179	712976	1526160	193303	6514	216447	-	13054	1447	76885	518500	3548115	4.04
2014-15	174878	17580	92678	8645	730210	1613240	201280	7267	223582	-	13070	1969	84846	515000	3684245	3.84
2015-16	178458	16870	95453	9589	747872	1719783	207658	7729	239798	13160	13364	2062	105348	521180	3878324	5.27
2016-17	271639	18086	98117	9982	765782	1833118	215547	8002	246406	14421	13368	2490	108479	528997	4134434	6.60
2017-18	320598	18225	99197	10152	768367	1900298	216353	8072	254367	11787	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
2022-23	389035	26047	108625	17056	842520	2272667	231582	12158	301103	12881	16402	5254	146037	533348	4914715	3.28
2023-24	400701	28888	110817	19253	852137	2368741	246686	12893	315387	10782	18123	5452	114804	513819	5018483	2.11

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

Table 3.44. Species-wise Annual Fish Production (2008-09 to 2023-24)

[Unit: Metric Ton]

Sl. No.	Species/Group	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	2022-23	2023-24
1	Major Carp	692597	753572	777005	731662	728695	755074	750880	811588	846397	875624	962049	975531	1013812	1084397	1136095
2	Other Carp	64359	55021	60356	54130	80138	80997	80647	100730	111373	116130	125565	129237	133465	144584	156998
3	Exotic Carp	376006	265375	299494	402490	389642	363737	357933	409801	454078	476761	503224	516969	528788	545141	567242
4	Pangas (Catfish)	-	-	-	-	371068	406818	504674	510097	453383	458307	405059	402298	406185	403283	418629
5	Other Catfish	208972	221965	288887	360722	81536	64537	65130	66646	68850	69636	69389	73180	73639	76000	79883
6	Snake Head	113989	117577	89351	53305	60282	69305	70106	72991	73358	75147	74368	78468	79313	81092	83242
7	Live Fish	101368	94000	95063	102651	115185	133512	136113	127120	144007	152241	160068	166204	176682	184314	192576
8	Tilapia	-	-	-	-	298062	347801	377346	370017	381215	390559	371263	392095	407359	421191	439678
9	Other Inland fish	575620	710853	763668	835457	524488	542711	568446	598923	554558	562585	592404	625286	647585	666642	695414
10	Hilsa	313753	339845	346512	351223	385140	387211	394951	496417	517198	532795	550428	565183	566593	571342	529487
11	Shrimp/Prawn	186418	239460	252523	228769	223788	230244	234188	246774	247304	239855	241281	251964	261154	271302	260486
12	Crab	-	-	-	-	-	-	13160	14421	11787	12084	12562	12337	13397	12881	10782
13	Sarpunti	-	-	-	-	-	-	-	-	91792	95649	98565	101932	104718	112280	118005
14	Cuchia	-	-	-	-	-	-	-	-	-	-	13424	9195	9488	7656	8530
15	Sardine	-	-	20187	29636	27590	32835	44386	48704	41486	28256	16814	34519	38432	51500	23703
16	Bombay Duck	58464	60750	62817	71745	51673	53950	58545	69230	75085	68101	70749	71922	82660	81942	78221
17	Indian Salmon	7733	4521	3030	2445	1960	1020	895	775	487	295	177	163	199	200	115
18	Pomfret	50245	40478	39537	29693	23355	11437	10593	10686	11899	11004	10023	9214	11480	12052	11476
19	Jew Fish	35514	36639	37929	30600	36170	31826	31894	33768	35427	41600	41943	48665	41356	42754	60686
20	Sea Catfish	16722	17193	19700	8594	9719	9476	8695	8424	9455	11455	13610	12199	14566	15305	17999
21	Shark/Skate/Ray	4794	4205	3865	5017	5648	5093	4622	4495	3974	4274	3373	8228	7017	3351	2952
22	Tuna and Tuna like fish	-	-	-	-	-	-	-	-	-	-	-	22130	9458	15051	14493
23	Other Marine Fish	92644	100233	101858	112115	133976	156661	165120	132827	143527	161861	167033	114309	131385	110455	111791
TOTAL		**2899198**	**3061687**	**3261782**	**3410254**	**3548115**	**3684245**	**3878324**	**4134434**	**4276640**	**4384221**	**4503371**	**4621228**	**4758731**	**4914715**	**5018483**

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 3.45. Fish Production Trend (1983-84 to 2023-24)

Sector of Fisheries	Production (MT)										*Growth Rate % (2023-24)*
	1983-84	**1993-94**	**2003-04**	**2013-14**	**2018-19**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**	
A. Inland Fisheries											
1. River and Estuary	207766	143425	137337	167373	325478	331793	337051	342545	389035	400701	3.00
2. The Sundarbans	7783	7127	15242	18366	18282	21007	21544	24259	26047	28888	10.91
3. Beel	51373	55592	74328	88911	99890	103104	104871	105573	108625	110817	2.02
4. Kaptai Lake	4057	6635	7238	8179	10578	12696	12345	17937	17056	19253	12.88
5. Floodplain	200616	360597	497922	712976	781481	779801	825433	831317	842520	852137	1.14
Capture Total	**471595**	**573376**	**732067**	**995805**	**1235709**	**1248401**	**1301244**	**1321631**	**1383283**	**1411796**	**2.06**
6. Pond	107944	222542	795810	1526160	1974632	2046258	2090787	2166715	2272667	2368741	4.23
7. Seasonal Cultured Waterbody	0	0	0	193303	217340	225948	226608	231692	231582	246686	6.52
8. Baor	862	2201	4282	6514	10343	10969	11319	11685	12158	12893	6.05
9. Shrimp/Prawn Farm	8219	39447	114660	216447	258039	270114	278417	287497	301103	315387	4.74
10. Crab	0	0	0	0	12084	12562	12337	13397	12881	10782	-16.30
11. Pen Culture	0	0	0	13054	12361	13425	14282	15063	16402	18123	10.49
12. Cage Culture	0	0	0	1447	3802	4590	4995	5021	5254	5452	3.77
Culture Total	**117025**	**264190**	**914752**	**1956925**	**2488601**	**2583866**	**2638745**	**2731070**	**2852047**	**2978064**	4.42
Inland Fisheries Total (A)	**588620**	**837566**	**1646819**	**2952730**	**3724310**	**3832267**	**3939989**	**4052701**	**4235330**	**4389860**	3.65
B. Marine Fisheries											
13. Industrial (Trawler Fishing)	14500	12454	32606	76885	107236	115354	119121	137170	146037	114804	-21.39
14. Artisanal	150382	240590	422601	518500	552675	555750	562118	568860	533348	513819	-3.66
Marine Fisheries Total (B)	**164882**	**253044**	**455207**	**595385**	**659911**	**671104**	**681239**	**706030**	**679385**	**628623**	**-7.47**
Total Fish Production (A+B)	**753502**	**1090610**	**2102026**	**3548115**	**4384221**	**4503371**	**4621228**	**4758731**	**4914715**	**5018483**	**2.11**

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

Remarks: A = Estimated total catch for beginning of the month.
B = Estimated 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/Ilish													
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*** **Semi-intensive:** ***1.5-4 MT/Ha***
Intensive :> ***4 – 10MT/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					

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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 Project Fry released program Leasing party None
(i)	Fishing Period	From----------to ----------
(j)	Fishing Method	Katta Fishing Other Fishing Both
(k)	Number of kata (if any)	No.----------

Signature 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 2023-24 (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														

Signature and Seal

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 head of household---------- 6. Number of members of household ☐

7. Number of total catchers ☐ 8. Number of adult catchers ☐

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-1

Baor Fisheries

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

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) Borrow pit (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 license: Yes/No.

OBSERVATION

6. (a) Date of departure for the last fishing trip: .....……

(b) Date of arrival from the last fishing trip: …….....……

7. Number of actual fishing days: …….... 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
Pomfret	
Jew fish	
Indian salmon	
Snapper	
Grunt	
Flat/sole fish	
Catfish	
Mackerel	
Tuna	
Sharks/rays	
Squids/Cuttle fish	
Others	
Fish total	

11. Number of shrimp nets used .....:……
Mesh size at cod-end…....…….....mm
Number of fish nets used…....…….....
Mesh size at cod-end: …....…….....mm
Length of head rope…….....……
Gear used: Single/ double

12. Number of Officers and crew on board: 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							
Others 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				
Others 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 and Others Record

Date: …… Enumerator Id: …….....

District: ……. Upazila: ……....

Site: …… Vessel ID: …….....

Vessel Name: …….

TRIP

Single or Multi-Day trip?		Days at sea during last 10 days	
Departure date		Departure time	
Arrival date		Arrival time	

Crew/Staff

Skipper's Name		Total Number of crew	

Gear

Main Gear used[1]		Mesh Size (mm)	
Number of gear deployed		Deployment Duration (hrs)	
Average gear length (m)		Average gear width (m)	

Note: Main Gear used[1] (1. GN up to 1000(m)-Drift Net/Gill Net/Trammel Net, 2. GN >1000(m), 3.SBN-Set Bag Net, 4. HNL-Hook and Line & 5. Other gears/Traps)

Signature and Seal

Form : MA - 2

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

CATCH ASSESSMENT SURVEY OF MARINE ARTISANAL FISHERIES

Catch Record

Date: ……..... Enumerator Id: …….....

District: ……. Upazila: …….....

Site: ……...

SL NO	Name of fish	Quantity of this fish/group(kg)	Average length(cm)	Average weight(gm)	Market price(Tk./kg)
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
TOTAL					

Signature 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												

Signature and 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

Compilation_Data

Chart - 1

FRSS Chart-1

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

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

Sl. No.	Name of Upazila	River			Marine		Beel				Haor		Floodplain					Total Production (4+5+6+7+9 +11+13+ 15 +18)
							Natural		Under Beel Nursery Program				Natural		Under fry released program			
		Area	Production		Production		Area	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

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

Compilation_Data

Chart - 3

FRSS Chart-3

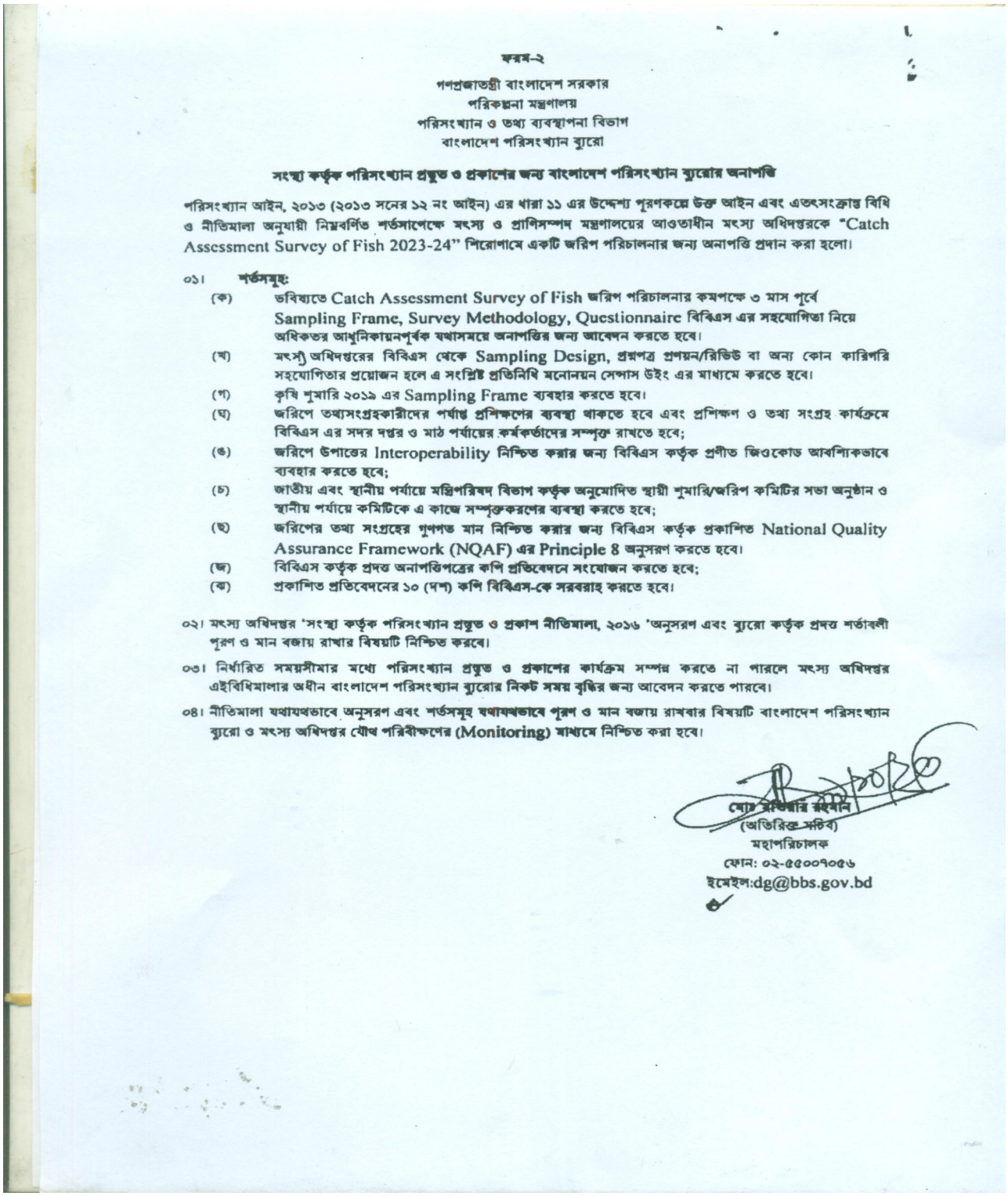
Sector-wise Annual Fish Production in Other Closed Water for---------- (year)

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

Sl. No.	Name of Upazila	Shrimp/Prawn Farm											Fish Culture in Floodplain/ Paddy Field		Borrow pit/Polder/ Creek		Baor		Cage Culture			Pan Culture		Total Prod. (13+15+ 17+19+ 22+24)
		Galda Farm				Bagda Farm					Total						Area	Prod.	No	Av. area/ Cage (Sq. meter)	Prod.	Area	Prod.	
		Area	Production			Area	Production				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																							

Signature and Seal

Annexure – 2



ফরম-২

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পরিকল্পনা মন্ত্রণালয়
পরিসংখ্যান ও তথ্য ব্যবস্থাপনা বিভাগ
বাংলাদেশ পরিসংখ্যান ব্যুরো

সংস্থা কর্তৃক পরিসংখ্যান প্রস্তুত ও প্রকাশের জন্য বাংলাদেশ পরিসংখ্যান ব্যুরোর অনাপত্তি

পরিসংখ্যান আইন, ২০১৩ (২০১৩ সনের ১২ নং আইন) এর ধারা ১১ এর উদ্দেশ্য পূরণকল্পে উক্ত আইন এবং এতৎসংক্রান্ত বিধি ও নীতিমালা অনুযায়ী নিম্নবর্ণিত শর্তসাপেক্ষে মৎস্য ও প্রাণিসম্পদ মন্ত্রণালয়ের আওতাধীন মৎস্য অধিদপ্তরকে "Catch Assessment Survey of Fish 2023-24" শিরোণামে একটি জরিপ পরিচালনার জন্য অনাপত্তি প্রদান করা হলো।

০১। **শর্তসমূহ:**

(ক) ভবিষ্যতে Catch Assessment Survey of Fish জরিপ পরিচালনার কমপক্ষে ৩ মাস পূর্বে Sampling Frame, Survey Methodology, Questionnaire বিবিএস এর সহযোগিতা নিয়ে অধিকতর আধুনিকায়নপূর্বক যথাসময়ে অনাপত্তির জন্য আবেদন করতে হবে।

(খ) মৎস্য অধিদপ্তরের বিবিএস থেকে Sampling Design, প্রশ্নপত্র প্রণয়ন/রিভিউ বা অন্য কোন কারিগরি সহযোগিতার প্রয়োজন হলে এ সংশ্লিষ্ট প্রতিনিধি মনোনয়ন সেপাস উইং এর মাধ্যমে করতে হবে।

(গ) কৃষি শুমারি ২০১৯ এর Sampling Frame ব্যবহার করতে হবে।

(ঘ) জরিপে তথ্যসংগ্রহকারীদের পর্যাপ্ত প্রশিক্ষণের ব্যবস্থা থাকতে হবে এবং প্রশিক্ষণ ও তথ্য সংগ্রহ কার্যক্রমে বিবিএস এর সদর দপ্তর ও মাঠ পর্যায়ের কর্মকর্তাদের সম্পৃক্ত রাখতে হবে;

(ঙ) জরিপে উপাত্তের Interoperability নিশ্চিত করার জন্য বিবিএস কর্তৃক প্রণীত জিওকোড আবশ্যিকভাবে ব্যবহার করতে হবে;

(চ) জাতীয় এবং স্থানীয় পর্যায়ে মন্ত্রিপরিষদ বিভাগ কর্তৃক অনুমোদিত স্থায়ী শুমারি/জরিপ কমিটির সভা অনুষ্ঠান ও স্থানীয় পর্যায়ে কমিটিকে এ কাজে সম্পৃক্তকরণের ব্যবস্থা করতে হবে;

(ছ) জরিপের তথ্য সংগ্রহের গুণগত মান নিশ্চিত করার জন্য বিবিএস কর্তৃক প্রকাশিত National Quality Assurance Framework (NQAF) এর Principle 8 অনুসরণ করতে হবে।

(জ) বিবিএস কর্তৃক প্রদত্ত অনাপত্তিপত্রের কপি প্রতিবেদনে সংযোজন করতে হবে;

(ঝ) প্রকাশিত প্রতিবেদনের ১০ (দশ) কপি বিবিএস-কে সরবরাহ করতে হবে।

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

০৩। নির্ধারিত সময়সীমার মধ্যে পরিসংখ্যান প্রস্তুত ও প্রকাশের কার্যক্রম সম্পন্ন করতে না পারলে মৎস্য অধিদপ্তর এইবিধিমালার অধীন বাংলাদেশ পরিসংখ্যান ব্যুরোর নিকট সময় বৃদ্ধির জন্য আবেদন করতে পারবে।

০৪। নীতিমালা যথাযথভাবে অনুসরণ এবং শর্তসমূহ যথাযথভাবে পূরণ ও মান বজায় রাখবার বিষয়টি বাংলাদেশ পরিসংখ্যান ব্যুরো ও মৎস্য অধিদপ্তর যৌথ পরিবীক্ষণের (Monitoring) মাধ্যমে নিশ্চিত করা হবে।

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