

# **CHAPTER-9**

## **FISHERY**

**Table 9.1- Fishery in Assam, at a Glance**

No. of Registered Beel Fisheries	1197
Area under Registered Beel Fisheries (Hect.)	100815
Ponds and Tanks (Nos.)	375632
Area under Ponds and Tanks (Hect.)	61718
Area under River Fisheries (Km.)	4820
Area under Forest Fisheries (Hect.)	5017
Area under Derelict Water Bodies/ Swamps (Hect.)	116444
Reservoir Fisheries (Hect.)	2553
Nos. of Hatcheries [Govt.+Private]	502
Production of Fish Seeds (Million Nos.) [Govt.+Private]	6757.87
Production of Fish (Tonne)	306600

**Table 9.2- Exports of Ornamental Fish from Assam, 2016-17**

Types of Fish- Botia, Chital, Chanda, Coliha, Puntius, Marhachav, balus, Chana etc.	
Outside State Quantity (in lakh no.)	2.5 to 3.0
Outside State Value (Rs. in lakh)	10

**Table 9.3- Import of Ornamental Fish to Assam, 2016-17**

Types of Fish- Gappy, Molly, Angle, Chichled, Gourami, Sucless, etc.	
Outside State Quantity (in lakh no.)	10
Outside State Value (Rs. in lakh)	20

**Table 9.4- District-wise Fisheries- number and area coverage in Assam, 2016-17**

(Area in Hect.)

District	Beel Fisheries		Ponds & Tanks		Derelict Water Bodies/ Swamps		Reservoir Fisheries		Forest Fisheries	
	Nos.	Area	Nos.	Area	Nos.	Area	Nos.	Area	Nos.	Area
Kokrajhar	14	955	7786	1073	163	1029	-	-	2	35
Dhubri	156	7000	21983	2883	283	8280	-	-	-	-
Goalpara	57	6820	9154	1635	70	677	-	-	-	-
Barpeta	23	6298	24452	3928	160	6119	-	-	11	131
Morigaon	84	8300	11054	1739	163	1583	-	-	9	955
Nagaon	134	9919	41390	6369	143	23578	-	-	8	410
Sonitpur	60	7032	14850	1780	132	461	-	-	6	270
Lakhimpur	20	6499	10861	1799	68	4273	1	840	-	-
Dhemaji	16	4575	4127	476	160	731	-	-	8	900
Tinsukia	36	2957	8224	1569	126	394	-	-	5	240
Dibrugarh	38	5289	6731	828	115	310	-	-	3	46
Sivasagar	66	3878	9396	1223	216	7129	-	-	3	92
Jorhat	124	6298	6693	1067	245	7592	-	-	-	-
Golaghat	15	2600	7588	1019	102	557	-	-	12	1720
Karbi Anglong	19	60	8178	1464	106	332	-	-	-	-
Dima Hasao	1	3	813	148	13	5	1	1713	-	-
Cachar	75	3359	37076	6460	437	10049	-	-	-	-
Karimganj	37	3459	21920	3905	52	31240	-	-	-	-
Hailakandi	35	1241	34714	6695	225	2343	-	-	-	-
Bongaigaon	47	4347	7053	1037	70	1606	-	-	2	51
Chirang	16	145	3201	388	16	60	-	-	-	-
Kamrup(R+M)	59	1418	22102	3104	116	322	-	-	2	167
Nalbari	19	2248	22824	2734	515	3645	-	-	-	-
Baksa	18	151	9129	1835	93	326	-	-	-	-
Darrang	27	5959	23827	6370	78	3713	-	-	-	-
Udalguri	1	5	506	189	20	90	-	-	-	-
Assam	1197	100815	375632	61717	3887	116444	2	2553	71	5017

**Table 9.5- Fisheries in inland water bodies in Assam during 2015-16 to 2016-17**

Type of Fisheries	Water Spread Area			
	Number		(in Hectare)	
	2015-16	2016-17	2015-16	2016-17
1. River Fisheries			*4820	*4820
Main River	2	2		
Tributories	53	53		
2. Beels				
Registered Beel	430	430	60215	60215
Un-registered Beel	767	767	40600	40600
3. Forest Fisheries	71	71	5017	5017
4. Derelict Water Bodies/Swamp	3887	3887	116444	116444
5. Reservoir Fisheries	2	2	2553	2553
6. Ponds and Tank	373501	375632	61431	61718

\* Area in Km.

**Table 9.6- Fish caught in Assam during 2014-15 to 2016-17**

(in Tonne)

Special	Natural Water Bodies (Capture Fisheries)			Man-made Fisheries (Ponds and Tanks)		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
Major Carps (Catla, Rohu, Mrigal)	39480	41069	43358	77380	80828	85302
Minor Carps	23760	24007	24570	22520	23457	25560
Exotic Carps (Common, Silver, Grass)	845	1271	1330	39614	41100	42820
Murrels (Ophiocephalus Spp)	11320	11768	11960	0	0	0
Cat Fishes (Wallagoattu, Pangasius)	16970	17652	17790	0	0	0
Other Fresh Water Fishes	45720	47426	47760	4866	5387	5900
Hilsa Lilsa Tenualosa	225	235	250	0	0	0
<b>Total</b>	<b>138320</b>	<b>143428</b>	<b>147018</b>	<b>144380</b>	<b>150772</b>	<b>159582</b>

**Table 9.7-Fish production, imports and registered markets in Assam, 2016-17**

District	Fish Production (in tonne)	Fish Imported from other States (in tonne)	Nos. of Registered Fish Markets	
			Raw Fish	Dry Fish
Kokrajhar	5138	162	7	-
Dhubri	18596	136	8	-
Goalpara	8303	226	4	-
Barpeta	20938	66	8	-
Morigaon	18834	2418	2	1
Nagaon	33510	2010	11	-
Sonitpur	10661	1416	5	-
Lakhimpur	12747	1792	3	-
Dhemaji	3961	38	3	-
Tinsukia	9032	783	4	-
Dibrugarh	11030	55	3	-
Sivasagar	16426	782	3	-
Jorhat	12858	1872	2	-
Golaghat	8096	675	4	-
Karbi Anglong	670	4	3	-
Dima Hasao	245	70	2	-
Cachar	30460	1280	2	-
Karimganj	14040	244	4	-
Hailakandi	10963	224	2	-
Bongaigaon	7656	138	4	-
Chirang	1442	702	1	-
Kamrup(R+M)	19346	6880	16	1
Nalbari	12908	38	5	-
Baksa	6438	145	6	-
Darrang	10549	203	7	-
Udalguri	1756	259	2	-
Assam	306603	22618	121	2

**Table 9.8- Fish hatcheries and seed production in Assam, 2016-17**

District	No. of Hatcheries			Production of Fish Seed (Fry in million nos.)		
	Govt.	Private	Co-op	Govt.	Private	Co-op
Kokrajhar	1	6	-	0	60.88	-
Dhubri	1	12	-	0	6.50	-
Goalpara	0	10	-	0	115.14	-
Barpeta	0	79	-	0	2012.00	-
Morigaon	1	41	-	0	303.00	-
Nagaon	0	177	-	0	1575.56	-
Sonitpur	1	15	-	1.04	50.54	-
Lakhimpur	2	11	-	8.70	81.14	-
Dhemaji	0	0	-	0	16.56	-
Tinsukia	0	0	-	0	50.00	-
Dibrugarh	1	4	-	0.01	25.00	-
Sivasagar	2	5	-	0.65	6.06	-
Jorhat	1	9	-	0.30	1.95	-
Golaghat	0	14	-	0	32.00	-
Karbi Anglong	0	0	-	0	0	-
Dima Hasao	0	0	-	0.80	0.85	-
Cachar	1	5	-	0	120.00	-
Karimganj	0	31	-	0	1681.89	-
Hailakandi	0	4	-	0	203.00	-
Bongaigaon	1	3	-	0	18.26	-
Chirang	0	0	-	0	105.00	-
Kamrup(R+M)	3	23	-	0.45	115.00	-
Nalbari	0	6	-	0	17.39	-
Baksa	1	13	-	0	64.50	-
Darrang	2	13	-	0.40	77.80	-
Udalguri	1	2	-	0	5.50	-
Assam	19	483	-	12.35	6745.52	-

**Table 9.9- Ornamental Fish production units and commercial dealers in Assam, 2016-17**

District	Registered Commercial units dealing with Ornamental Fish		Registered Ornamental Fish Production Units	
	Govt.	Private	Govt.	Private
Kokrajhar	-	2	0	0
Dhubri	-	3	0	1
Goalpara	-	4	0	1
Barpeta	-	3	0	1
Morigaon	-	3	0	0
Nagaon	-	5	0	2
Sonitpur	-	5	0	0
Lakhimpur	-	4	0	1
Dhemaji	-	3	0	1
Tinsukia	-	2	0	0
Dibrugarh	-	2	0	1
Sivasagar	-	3	0	1
Jorhat	-	5	0	2
Golaghat	-	3	0	1
Karbi Anglong	-	2	0	0
Dima Hasao	-	1	0	0
Cachar	-	5	0	1
Karimganj	-	3	0	1
Hailakandi	-	2	0	0
Bongaigaon	-	3	0	1
Chirang	-	0	0	0
Kamrup(R+M)	-	10	1	5
Nalbari	-	2	0	1
Baksa	-	0	0	0
Darrang	-	3	0	1
Udalguri	-	0	0	0
Assam	-	78	1	22

**Table 9.10- Fish farmers attended proper trainings organized by Directorate of Fisheries,  
Assam, 2016-17**

#	District	Block Level	District Level
1	Kokrajhar	Nil	Nil
2	Dhubri	1488	92
3	Goalpara	888	90
4	Barpeta	1090	95
5	Morigaon	589	89
6	Nagaon	1786	92
7	Sonitpur	1387	91
8	Lakhimpur	950	79
9	Dhemaji	590	96
10	Tinsukia	784	86
11	Dibrugarh	786	89
12	Sivasagar	987	87
13	Jorhat	865	82
14	Golaghat	886	79
15	Karbi Anglong	Nil	Nil
16	Dima Hasao	Nil	Nil
17	Cachar	1589	96
18	Karimganj	740	83
19	Hailakandi	589	98
20	Bongaigaon	578	89
21	Chirang	Nil	Nil
22	Kamrup(R+M)	1545	181
23	Nalbari	789	87
24	Baksa	Nil	Nil
25	Darrang	592	89
26	Udalguri	Nil	Nil
Assam		19498	1870



**Table 9.11- registered experts and laboratories in Assam, 2016-17**

District	Experts		Laboratory	
	Govt.	Private	Govt.	Private
Kokrajhar	4	0	0	-
Dhubri	10	3	0	-
Goalpara	6	3	0	-
Barpeta	8	3	0	-
Morigaon	4	2	0	-
Nagaon	15	5	0	-
Sonitpur	11	0	0	-
Lakhimpur	5	2	0	-
Dhemaji	4	2	0	-
Tinsukia	5	3	0	-
Dibrugarh	5	3	0	-
Sivasagar	11	5	0	-
Jorhat	11	5	1	-
Golaghat	5	4	0	-
Karbi Anglong	10	2	0	-
Dima Hasao	-	1	0	-
Cachar	6	1	0	-
Karimganj	6	0	0	-
Hailakandi	3	0	0	-
Bongaigaon	4	2	0	-
Chirang	1	0	0	-
Kamrup(R+M)	28	10	1	-
Nalbari	6	0	0	-
Baksa	2	0	0	-
Darrang	5	5	0	-
Udalguri	3	0	0	-
College of Fisheries, Roha	-	0	1	-
Assam	178	61	3	-