



GOVERNMENT OF KARNATAKA
DEPARTMENT OF FISHERIES

HANDBOOK OF FISHERIES STATISTICS



Directorate of Fisheries

3rd Floor, Podium Block, V.V. Tower, Dr. Ambedkar Veedhi, Bangalore 560 001

Phone : 080-22864681, Email: dof-blr-ka@nic.in

Website: <https://fisheries.karnataka.gov.in>



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**FISH SEED PRODUCTION FARM
BHADRA RESERVOIR PROJECT, SHIVAMOGGA**



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July 2020

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ಬಿ.ಎಸ್. ಯಡಿಯೂರಪ್ಪ

ಮುಖ್ಯ ಮಂತ್ರಿ



ವಿಧಾನ ಸೌಧ

ಬೆಂಗಳೂರು - 560 001

ದಿನಾಂಕ 30-7-2020.....

ಸಂ: ಮುಮಂ/ಗೃಹ/143 /2020

ಸಂದೇಶ

ಅರವತ್ತೂರು ವರ್ಷಗಳ ಸಾರ್ಥಕ ಸೇವೆಯನ್ನು ಯಶಸ್ವಿಯಾಗಿ ಪೂರ್ಣಗೊಳಿಸಿ ವಜ್ರ ಮಹೋತ್ಸವ ಆಚರಿಸಿಕೊಂಡ ಸಂಭ್ರಮದಲ್ಲರುವ ರಾಜ್ಯ ಮೀನುಗಾರಿಕೆ ಇಲಾಖೆಯ "ಮೀನುಗಾರಿಕೆ ಅಂಕಿ-ಅಂಶಗಳ ಸಂಚಿಕೆ" ಯನ್ನು ಹೊರತರುತ್ತಿರುವುದು ಅತ್ಯಂತ ಸಂತಸದ ಸಂಗತಿಯಾಗಿದೆ.

ರಾಜ್ಯ ಮತ್ತು ಕೇಂದ್ರ ಸರ್ಕಾರದ ಸಹಭಾಗಿತ್ವದೊಂದಿಗೆ "ಪ್ರಧಾನಮಂತ್ರಿ ಮತ್ಸ್ಯಸಂಪದ ಯೋಜನೆ"ಯನ್ನು ಯಶಸ್ವಿ ಗೊಳಿಸಿರುವುದು ಅಭಿನಂದನೀಯ.

ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಇಲಾಖೆಯು, ಮೀನು ಕೃಷಿಯನ್ನು ಬೃಹತ್ ಪ್ರಮಾಣದಲ್ಲಿ ವಿಸ್ತರಿಸಿ, ರಾಜ್ಯಕ್ಕೆ ಮಾರ್ಗದರ್ಶಕವಾಗಲ ಎಂದು ಹಾರೈಸುತ್ತೇನೆ.

ಬಿ.ಎಸ್. ಯಡಿಯೂರಪ್ಪ
(ಬಿ.ಎಸ್. ಯಡಿಯೂರಪ್ಪ)

ನಿರ್ದೇಶಕರು,
ಮೀನುಗಾರಿಕೆ ಇಲಾಖೆ,
ಬೆಂಗಳೂರು.

ಕೋಟ ಶ್ರೀನಿವಾಸ ಪೂಜಾರಿ
ಮುಜರಾಯಿ, ಮೀನುಗಾರಿಕೆ ಹಾಗೂ
ಬಂದರು ಮತ್ತು ಒಳನಾಡು ಜಲಸಾರಿಗೆ ಸಚಿವರು
ಹಾಗೂ ದಕ್ಷಿಣ ಕನ್ನಡ ಜಿಲ್ಲಾ ಉಸ್ತುವಾರಿ ಸಚಿವರು



ಕೊಠಡಿ ಸಂಖ್ಯೆ: 343, 343ಎ
3ನೇ ಮಹಡಿ, ವಿಧಾನಸೌಧ
ಬೆಂಗಳೂರು-560 001
ದೂರವಾಣಿ: 080-22259183
080-22033475

ಇ-ಮೇಲ್: minmfpkar@gmail.com

ನಂ: ಮುಮೀಬಂ.ಒ/ಸ/ದ.ಕ/2117/2019-20

ದಿನಾಂಕ: 23/07/2020



ಸಂದೇಶ

ಮೀನುಗಾರಿಕೆ ಹಾಗೂ ಜಲಕೃಷಿ ಒಂದು ಪ್ರಮುಖವಾದ ಆರ್ಥಿಕ ಚಟುವಟಿಕೆಯಾಗಿರುತ್ತದೆ. ಮೀನುಗಾರಿಕೆ ವಲಯದ ಸರ್ವತೋಮುಖ ಅಭಿವೃದ್ಧಿಗಾಗಿ 1957 ರಲ್ಲಿ ಸ್ಥಾಪಿಸಲಾದ ಮೀನುಗಾರಿಕೆ ಇಲಾಖೆ 60 ವರ್ಷ ಪೂರ್ಣಗೊಳಿಸಿ ಮುನ್ನಡೆಯುತ್ತಿರುವುದು ನನಗೆ ಬಹಳಷ್ಟು ಹೆಮ್ಮೆಯನ್ನು ತಂದಿದೆ. ಮೀನುಗಾರಿಕೆ ಇಲಾಖೆಯು ನಡೆದು ಬಂದ 6 ದಶಕಗಳಲ್ಲಿ ಮೀನುಗಾರಿಕೆ ವಲಯದ ಹಾಗೂ ಮೀನುಗಾರರ ಸಾಮಾಜಿಕ-ಆರ್ಥಿಕ ಸ್ಥಿತಿಯ ಅಭಿವೃದ್ಧಿ ಗಮನಾರ್ಹವಾಗಿದೆ. ಕರಾವಳಿ ಹಾಗೂ ಒಳನಾಡು ಮೀನು ಉತ್ಪಾದನೆಯನ್ನು ಸಮರ್ಪಕ ಹಾಗೂ ಸುಸ್ಥಿರ ಮಾರ್ಗದಲ್ಲಿ ಹೆಚ್ಚಿಸುವಲ್ಲಿ ಮೀನುಗಾರಿಕೆ ಇಲಾಖೆಯ ಪಾತ್ರ ಪ್ರಶಂಸನೀಯ. ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಇಲಾಖೆಯು ಹಲವಾರು ಅಭಿವೃದ್ಧಿಪರ ಮತ್ತು ಮೀನುಗಾರರ ಕಲ್ಯಾಣ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಿದೆ. ಇತ್ತೀಚೆಗೆ ಕೇಂದ್ರ ಸರ್ಕಾರವು ಮೀನುಗಾರರ ಕಲ್ಯಾಣಕ್ಕೆ ರೂ.20,000 ಸಾವಿರ ಕೋಟಿ ವೆಚ್ಚದಲ್ಲಿ ವಿವಿಧ ಯೋಜನೆಗಳನ್ನು ರೂಪಿಸಿ ಅದರ ಸದುಪಯೋಗ ಪಡೆದುಕೊಳ್ಳಲು ಮೀನುಗಾರರಿಗೆ ಅವಕಾಶ ಕಲ್ಪಿಸಿದೆ.

ರಾಜ್ಯದ ಮೀನುಗಾರಿಕೆ ಇಲಾಖೆಯು "ಮೀನುಗಾರಿಕೆ ಅಂಕಿ-ಅಂಶಗಳ ಸಂಚಿಕೆ"ಯನ್ನು ಹೊರ ತರುತ್ತಿರುವುದು ತುಂಬಾ ಸಂತೋಷದ ವಿಷಯ. ಮೀನುಗಾರಿಕೆಯು ಶೀಘ್ರವಾಗಿ ಬೆಳೆಯುತ್ತಿರುವ ಜನಸಂಖ್ಯೆಗೆ ಆಹಾರ ಉತ್ಪಾದನಾ ವ್ಯವಸ್ಥೆಯ ಒಂದು ಪ್ರಮುಖ ಭಾಗವಾಗಿದೆ. ಈ ವಲಯದ ಸರ್ವತೋಮುಖ ಅಭಿವೃದ್ಧಿಗಾಗಿ ಈ ಇಲಾಖೆಯು ಸದಾ ಶ್ರಮಿಸಲಿ ಎಂದು ಹಾರೈಸುತ್ತೇನೆ.

ಕೋಟ ಶ್ರೀನಿವಾಸ ಪೂಜಾರಿ

Capt. Manivannan P. IAS
Secretary to Government



ಸಂದೇಶ

ಕರ್ನಾಟಕ ರಾಜ್ಯದ ಮೀನುಗಾರಿಕೆ ಇಲಾಖೆಯು 1957ರಲ್ಲಿ ಸ್ಥಾಪನೆಗೊಂಡು ರಾಜ್ಯದ ಮೀನು ಉತ್ಪಾದನೆಯನ್ನು ಹೆಚ್ಚಿಸುವಲ್ಲಿ ಪ್ರಮುಖ ಪಾತ್ರವಹಿಸಿದೆ. ಸಾಧನೆಯ ಹಾದಿಯಲ್ಲಿ ಹಲವಾರು ಯೋಜನೆಗಳನ್ನು ಜಾರಿಗೊಳಿಸಿದ್ದು, ಈ ಮುಖಾಂತರ ಮೀನುಗಾರರ ಸಾಮಾಜಿಕ ಮತ್ತು ಆರ್ಥಿಕ ಸ್ಥಿತಿಗತಿಯ ಉನ್ನತೀಕರಣಕ್ಕೆ ಶ್ರಮಿಸುತ್ತಿರುವುದು ಸಂತೋಷಕರ ವಿಷಯ.

ಮೀನುಗಾರಿಕೆ ಇಲಾಖೆಯು "ಮೀನುಗಾರಿಕೆ ಅಂಕಿ-ಅಂಶಗಳ ಸಂಚಿಕೆ"ಯನ್ನು ಹೊರತರುತ್ತಿರುವುದು ತುಂಬಾ ಶ್ಲಾಘನೀಯ. ಇಲಾಖೆಯು ಮುಂದೆಯೂ ಇದೇ ರೀತಿಯಲ್ಲಿ ಅಭಿವೃದ್ಧಿ ಪಥದಲ್ಲಿ ಸಾಗಲಿ ಎಂದು ಹಾರೈಸುತ್ತೇನೆ.


ಕಾಪ್. ಮನಿವಣ್ಣನ್ ಪಿ.

Animal Husbandry & Fisheries Department

96320 60006 | Helpline : 080 2341 7100 | mani1972.ias@gmail.com | @Captian_Mani72
Room No.: 405, Vikasa Soudha, Dr. Ambedkar Veedhi, Bengaluru - 560 001



From Director's Desk

The Directorate of Fisheries in Karnataka is bringing out Statistical Reports on various activities of the Department periodically. This report being Thirteenth in series, it contains data on various aspects of fishery resources, infrastructure, organizational matters, marine and inland fish production and various schemes implemented including fishermen welfare schemes, revenue realized etc. The officers and officials of the Department have co-operated whole heartedly in bringing out this report by compiling and furnishing the data. This report is prepared by Statistical Wing of the Department, under the guidance of Sri. Ramacharya, Joint Director of Fisheries (Marine), Sri. Dinesh Kumar, Joint Director of Fisheries for Harbours and Sri. Sudhir, Deputy Director of Fisheries (Marine). I appreciate the keen interest and hard work by Smt. Ashalatha K.B., Assistant Director of Fisheries(Gr-1) and Smt. Saraswathi. P, Assistant Statistical Officer for compiling the information for this handbook.

I owe special thanks to Sri Vishwanath T.S., Senior Assistant Director of Fisheries, for his keen involvement and sincere efforts to make this handbook more analytical.

I also Express my sincere gratitude to the officers, staff and others who have directly or indirectly contributed to bring out this useful bulletin.

I hope that this publication would be very useful to policy makers, administrators, planners, research workers and other stake holders. Any suggestions towards the improvement of this report is welcome.

Place : Bangalore

Date: 30.07.2020

RAMAKRISHNA
Director of Fisheries

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1

GENERAL

Fish: Nature's superfood

Fish is not only a source of **proteins** and **healthy fats**, but also a unique source of **essential nutrients**.

The infographic features a central illustration of a fish, likely a salmon, with ten orange callout boxes connected by thin lines to various parts of its body. The labels are: Omega-3 fatty acids (top back), Vitamin B12 (top right), Vitamin D (top middle), Vitamin A (top left), Zinc (middle left), Iron (middle bottom), Iodine (bottom middle), Selenium (bottom right), Proteins (bottom right), and Calcium (bottom left).

Food and Agriculture Organization of the United Nations

1. GENERAL

1.1. Demographic and Other Key Characteristics of Karnataka

Sl. No.	Description of characteristic	Unit	Value
1	Area	Sq. Kms.	1,91,791
2	Districts	Nos.	30
3	Revenue Divisions	Nos.	4
4	Towns (as per 2011 Census)	Nos.	347
5	Municipalities and Corporations	Nos.	274
6	Zilla Panchayats	Nos.	30
7	Taluk Panchayats	Nos.	176
8	Gram Panchayats	Nos.	6024
9	Revenue Villages	Nos.	29,340
	Inhabited Villages	Nos.	27,397
	Un-inhabited Villages	Nos.	1943
10	Households	Nos.	1,33,57,027
	Household size	Nos.	4.6
11	Total Population (as per 2011 Census)	Nos.	6,10,95,297
	Males	Nos.	3,09,66,657
	Females	Nos.	3,01,28,640
	Sex Ratio (Females per 1000 Males)	Nos.	973
	Density of Population (Per Sq. km.)	Nos.	319
	Decadal Growth Rate (2001-2011)	Rate	15.60
12	Rural Population	Nos.	3,74,69,335
	Males	Nos.	1,89,29,354
	Females	Nos.	1,85,39,981
	Sex Ratio (Females per 1000 Males)	Ratio	979
	Percentage to Total Population	%	61.33
13	Urban Population	Nos.	2,36,25,962
	Males	Nos.	1,20,37,303
	Females	Nos.	1,15,88,659
	Sex Ratio (Females per 1000 Males)	Ratio	963
	Percentage to Total Population	%	38.67
14	SC Population	Nos.	1,04,74,992
	Males	Nos.	52,64,545
	Females	Nos.	52,10,447
	Sex Ratio (Females per 1000 Males)	Ratio	990
	Percentage to Total Population	%	17.10
15	ST Population	Nos.	42,48,987

Sl. No.	Description of characteristic	Unit	Value
	Males	Nos.	21,34,754
	Females	Nos.	21,14,233
	Sex Ratio (Females per 1000 Males)	Ratio	990
	Percentage to Total Population	%	7.00
16	Child Population (0-6 years)	Nos.	71,61,033
	Males	Nos.	36,75,291
	Females	Nos.	34,85,742
	Percentage to Total Population	%	11.72
	Sex Ratio (Females per 1000 Males)	Nos.	948
17	Literates	Nos.	4,06,47,322
	Males	Nos.	2,25,08,471
	Females	Nos.	1,81,38,851
18	Literacy Rate (Total)	%	75.40
	Males	%	82.50
	Females	%	68.10
19	Total Workers	Nos.	2,78,72,597
	Main Workers	Nos.	2,33,97,181
	Marginal Workers	Nos.	44,75,416
20	Public Representatives:		
	Member of Parliament (MPs) (Rajya Sabha)	Nos.	12
	Member of Parliament (MPs) (Lok Sabha)	Nos.	28
	Member of Legislative Council (MLCs)	Nos.	75
	Member of Legislative Assembly (MLAs) (*Nominated)	Nos.	224+1=225
	Zilla Panchayat Members	Nos.	1083
	Taluk Panchayat Members	Nos.	3903
	Gram Panchayat Members	Nos.	95,042

Source: Economic survey of Karnataka 2017-18
Census of India 2011, Primary Census Abstract Data Highlights, Karnataka Series

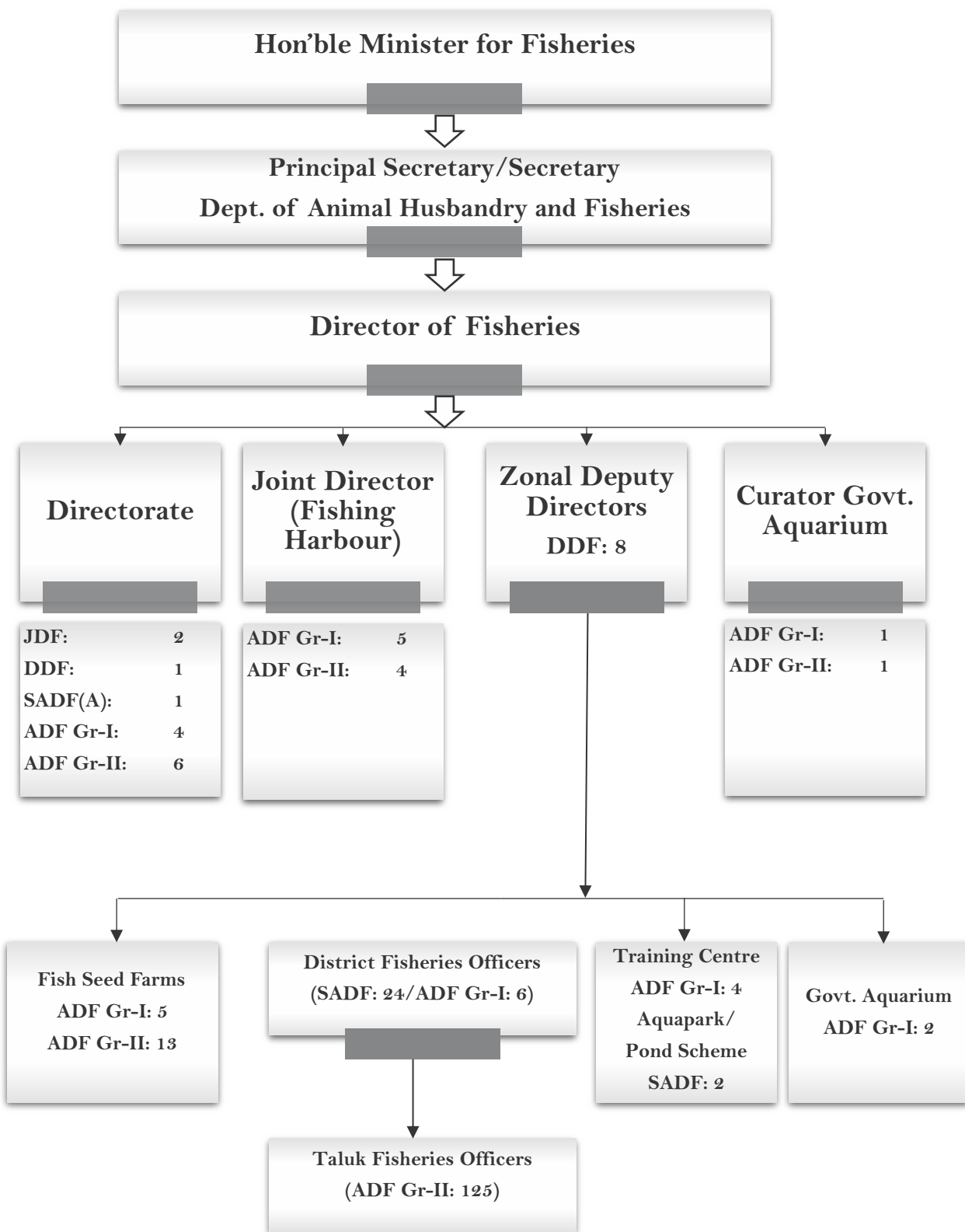
1.2. Establishment of Department

For the overall development of fishery sector in the state, an independent Department of Fisheries, which was previously under the Department of Animal Husbandry was established in the year 1957 with its Directorate at Bangalore vide G.O.No.AFD 161 FSY 57 (published in the Gazette dated 29th May 1958 in page 346) with an objective to give fillip for production of fish in the state by utilizing the rich resources both in marine and inland sector.

1.2.1 Administrative set up

Department comes under the control of Minister of State for Fisheries. The Secretary to Government, Animal Husbandry and Fisheries Department is the head at the Government level. The Director of Fisheries is in-charge of all the developmental activities of the department and administration. There are 02 Joint Directors, 01 Deputy Director, 01 Senior Assistant Director of Fisheries (Admin) and 10 Assistant Directors in the Head Office to assist the Director. Joint Director (Fisheries Harbour) is incharge of all the 8 major fishing harbour in the state and has 5 Assistant Director of Fisheries (G-1) & 4 Assistant Director of Fisheries (G-2) under his control There are 8 Regional Deputy Directors, 30 District Fisheries Officers, 125 taluk level officers, 4 Training Centres & Fish Seed Farms (5 ADF G-1 & 13 ADF G-2) officers. The total sanctioned cadre strength of the department is 1401. Out of this, 667 posts are filled up and 734 posts are vacant in the Department.

1.2.2 Organizational Chart of Fisheries Department



Abbreviations:

JDF: Joint Director of Fisheries

DDF: Deputy Director of Fisheries

SADF: Senior Assistant Director of Fisheries

SADF(A): Senior Assistant Director of Fisheries (Admin)

ADF Gr-I: Assistant Director of Fisheries (Grade-I)

ADF Gr-II: Assistant Director of Fisheries (Grade II)

1.2.3 Directors who have served the Department [as of 31-03-2019]

Sl. No.	Name	Tenure	
		From	To
1	Sri. V.V. Kalyani	02-05-1957	19-04-1965
2	Sri. G.L. Rao	20-04-1965	30-04-1975
3	Sri. M. Jayaraj	01-05-1975	07-10-1984
4	Sri. R.N. Shastry, IAS	08-10-1984	18-02-1987
5	Sri. S.K. Patnayak, IAS	16-03-1987	05-08-1988
6	Sri. G.Gananeela	30-03-1989	31-03-1994
7	Sri. S.N. Shanmukha	13-04-1994	30-11-1999
8	Sri. D.M. Abdul Hameed	01-01-2000	28-02-2002
9	Sri. H.S. Veerappa Gowda	29-04-2002	30-09-2018
10	Sri. Ramakrishna	01-10-2018	--

1.2.4 Staff position of the Department as on 31-03-2019

Category	Sanctioned	Working strength	Vacancy
Group "A"			
Technical	43	27	16
Non Technical	1	1	0
Total "A"	44	28	16
GROUP "B"			
Technical	221	165	56
Non-Technical	7	7	0
Total "B"	228	172	56
GROUP "C"			
Technical	586	215	371
Non-Technical	348	169	179
Total "C"	934	384	550
GROUP "D"			
Technical	0	0	0
Non-Technical	195	83	112
Total "D"	195	83	112
Total Technical	850	407	443
Total Non -Technical	551	260	291
Grand Total (A+B+C+D)	1401	667	734

2

KARNATAKA FISHERIES- STATUS AND TRENDS



2. KARNATAKA FISHERIES - STATUS AND TRENDS

Karnataka state emerged as a maritime State in 1956 with the reorganization of the states. An independent Department of Fisheries was set up in 1957. Since then, the Department of Fisheries has been consistently striving hard for overall development of fisheries and welfare of fishermen by implementing several development schemes both in Marine and Inland sectors.

The fisheries sector plays an important role in the socio-economic development of State in view of its contribution to the food basket, nutritional security, foreign exchange earnings, employment generation and income.

2.1. Fish Production and Export of Fish Products

The average fish production of the state was around 2.0 lakh tons during the decade 1981-1990 and the moving average of previous 5 years is showing an increasing trend. The average fish production in the last 5 years (2014-15- to 2018-19) is about 5.87 lakh metric tons with the contribution of Marine sector being 66 % and Inland sector 34 %. The fish production from the state contributed about 4.27% of India's total fish production for the year 2018-19 and ranks 6th position. The current level of per-capita fish availability in the state is around 6.8 kg.

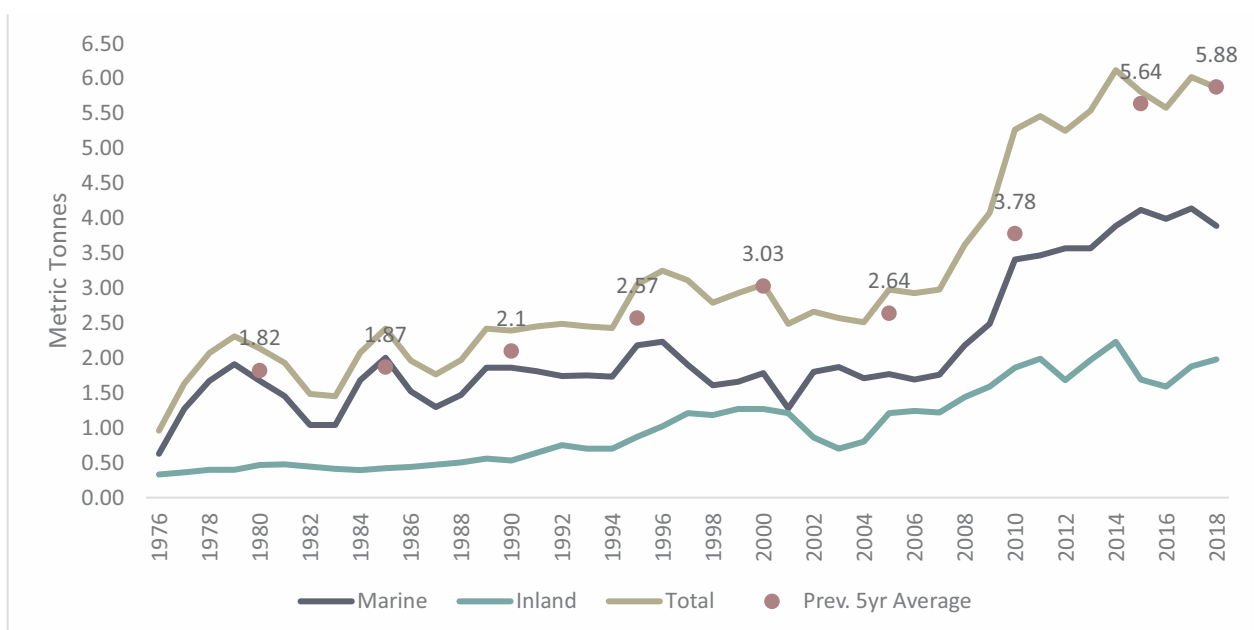


FIGURE 1: FISH PRODUCTION TREND OF KARNATAKA

2.2. Year-wise Fish Production of Karnataka

(Quantity: in Metric Tonnes Value:Rs. in Lakhs)

YEAR	MARINE		INLAND		TOTAL	
	Quantity	Value	Quantity	Value	Quantity	Value
1997-98	189859	23643	120542	28394	310401	52037
1998-99	160627	21009	118419	27995	279046	49004
1999-00	165653	23684	126646	29706	292299	53390
2000-01	177907	24829	127468	29911	305375	54740
2001-02	128416	19942	121196	28343	249612	48285
2002-03	180161	33653	86262	9805	266423	43458
2003-04	187003	40498	70036	18783	257039	59281
2004-05	171227	45873	80470	21582	251698	67455
2005-06	176974	46598	120599	32321	297573	78918
2006-07	168545	55143	123919	37176	292464	92318
2007-08	175566	51787	122124	42744	297690	94531
2008-09	218137	82024	143717	57487	361854	139511
2009-10	248729	90198	159324	63730	408053	153928
2010-11	340571	133565	186009	77348	526579	210913
2011-12	347383	150630	199053	80016	546437	230645
2012-13	357325	201668	168241	84605	525566	286273
2013-14	357358	204101	203914	159621	561272	363722
2014-15	389822	265093	223419	193205	613241	458298
2015-16	411762	342433	168828	148217	580590	490650
2016-17	398928	347270	158566	143779	557494	491049
2017-18	414348	393300	188174	169356	602522	562656
2018-19	389491	373362	197921	178129	587412	551491

2.3. Year-wise Export of Fish & Fish Products

Export of marine products from Karnataka has increased from 0.98 lakh metric tonnes during 2013-14 to 1.42 lakh metric tonnes during 2018-19.

While the value of exported marine products has increased from Rs 1122 Crores to Rs 1891 Crores during the same period.

Year	Quantity (Metric Tonnes.)	Value (Rs. in Lakh)	Growth % Quantity	Growth % Value	Unit Value/Kg
1992-93	6632	5768.00			₹ 87.00
1993-94	8127	7601.00	22.54%	31.78%	₹ 94.00
1994-95	9099	11312.71	11.96%	48.83%	₹ 124.00
1995-96	7158	9874.30	-21.33%	-12.71%	₹ 138.00
1996-97	9914	9926.36	38.50%	0.53%	₹ 100.00
1997-98	10551	11731.87	6.43%	18.19%	₹ 111.00
1998-99	11747	11395.35	11.34%	-2.87%	₹ 97.00
1999-00	12897	12238.00	9.79%	7.39%	₹ 95.00
2000-01	11823	9446.00	-8.33%	-22.81%	₹ 80.00
2001-02	9430	6338.00	-20.24%	-32.90%	₹ 67.00
2002-03	9788	6270.00	3.80%	-1.07%	₹ 64.00
2003-04	8474	6447.00	-13.42%	2.82%	₹ 76.00
2004-05	10349	7692.39	22.13%	19.32%	₹ 74.00
2005-06	15965	10327.00	54.27%	34.25%	₹ 65.00
2006-07	26723	14949.00	67.38%	44.76%	₹ 56.00
2007-08	26155	16261.00	-2.13%	8.78%	₹ 62.00
2008-09	33000	26400.00	26.17%	62.35%	₹ 80.00
2009-10	57359	39112.00	73.82%	48.15%	₹ 68.00
2010-11	104795	68813.00	82.70%	75.94%	₹ 66.00
2011-12	86299	65846.00	-17.65%	-4.31%	₹ 76.00
2012-13	96333	85495.00	11.63%	29.84%	₹ 89.00
2013-14	98619	112239.00	2.37%	31.28%	₹ 114.00
2014-15	116323	137497.00	17.95%	22.50%	₹ 118.00
2015-16	84032	105037.00	-27.76%	-23.61%	₹ 125.00
2016-17	126592	158900.00	50.65%	51.28%	₹ 126.00
2017-18	144235	179341.00	13.94%	12.86%	₹ 124.00
2018-19	142049	189088.00	-1.52%	5.43%	₹ 133.00

2.4. The contribution of Fisheries Sector to SGDP & AGDP (at current prices)

The contribution of Fisheries Sector to GSDP at current prices during 2014-15 was Rs 5004 Crores and it has increased to Rs 6,996 Crores in 2018-19.

Sector	2014-15	2015-16	2016-17	2017-18	2018-19
Agriculture	78620	79749	81343	98403	93396
Animal husbandry	18717	19763	22870	25344	27378
Forestry	6618	8401	8263	8360	8646
Fisheries	5004	4501	4380	6195	6996
Total Agriculture sector	108959	112414	116856	138302	136416
SGDP	831316	942681	1034512	1185035	1348889
Contribution (within Agriculture)	4.59%	4.00%	3.75%	4.48%	5.13%
Contribution (to Total SGDP)	0.60%	0.48%	0.42%	0.52%	0.52%

Source: Department of Economics and Statistics, Government of Karnataka

2.5. Resources and Potential- Marine Fisheries

Traditionally, Karnataka coast is known as “Mackerel Coast”. The marine fisheries resource potential of the State is estimated at 6.02 lakh metric tons. The pelagic fishery wealth of Karnataka coast, mainly comprising mackerel and oil sardine, used to be traditionally harvested by operating shore seine known as "Rampani". But this method has now become almost obsolete. The mechanization of fishing operation was initiated with the introduction of 30 - 46 ft. trawlers in 1957 for exploiting inshore demersal resources including shrimps. Introduction of purse seines in 1970s extended the area of fishing operation for shoaling pelagic resources. Motorization of traditional crafts like gill- netters and long- liners and encouragement of offshore fishing beyond 50 meters depth using bigger vessels for a duration of 7-8 days, have effectively increased the range and efforts of fishing operations. Further, financial institutions have extended the required loan facilities for owning bigger fishing boats, which has helped in increasing the fleet strength. In recent years, fishermen are being

trained in operation of sophisticated electronic equipment both for fishing and navigation.

Marine Fishery Resources

1	Exclusive Economic Zone	87000 sq. km
2	Continental Shelf	27000 sq. km
3	Coastal length	320 km
4	Fishermen population	3.28 lakh
5	Active fishermen population	1.57 lakh
6	Fishermen villages	156
7	Harbours	8
8	Fish Landing Centers	16
9	Beach Landing Centers	91
10	Mechanized Boats (T, P, GN & others)	4542
11	Motorized Boats	8949
12	Traditional Boats	9044
13	Ice Plants	195
14	Cold Storages	32
15	Freezing Plants	14
16	Frozen Storages	11
17	Canning Plants	8
18	Fish Meal Plants	21
19	Boat building yards	27
20	Net making plants	3
21	Shrimp Hatcheries	5
22	Fisheries Co-operative Societies	130
23	Fishery Co-op. Apex Federations	2
24	Fish Markets	280

2.6. Resources and Potential- Inland Fisheries

The State has 5.65 lakh ha. of inland water resources, which provide immense scope for development of inland fisheries in Karnataka. The annual estimated fish production potential of these resources is around 4.02 lakh metric tons. During the period between 1956 and 1966, the important activity in the inland sector was to import fish seed, mostly riverine major carp fry collection from West Bengal. Fish seed production and rearing farms have been set up in the Government sector with a view to develop the much-needed infrastructure for producing fish seed for stocking in tanks, ponds and reservoirs of the State. At present, there are 47 fish seed production and rearing farms under the control of Department of Fisheries and Zilla Panchayat and 60 Taluk level nurseries in the State. The

State requires about 56 crore fish fingerlings to develop all water resources (cent percent utilization) suitable for fish culture. The present fish seed production is about 60 crore fish fry contributing to the stocking of 25 to 30 crore fish fingerlings annually.

Tank fishery development plays a strategic role in providing employment to the rural folk. The fish produced by them provides livelihood or additional income to them. The fishery rights of the tanks with achcut of more than 40 ha. are vested with the Fisheries department. These water bodies are disposed either by lease or tender cum auction. As per the Govt. Order No/ RDPR/165/ZPS/2002 dated 1-3-2004 tanks up to 40 ha Achcut area have been transferred to the respective Gram Panchayats for disposal of fishery rights and development of fisheries. The Inland fisheries leasing policy 2014 is in force to allocate resources for development through the stakeholders.

The major programmes initiated under inland fisheries development include assistance for construction of fish ponds, stocking of grass carp seeds, construction of ponds in water logged areas, development of fish sanctuaries and intensive fish culture with Central Government assistance from 2009-10 onwards, a new scheme on providing 50% subsidy for purchase of fish seed and supply of fishery requisite kits was introduced. In 2013-14 the subsidy has been enhanced to Rs.10,000 under free distribution of fisheries kits. An ornamental fish quarantine unit is also established at Hesaraghatta, Bangalore Urban District to promote ornamental fisheries trade in the state.

In order to meet the increased demand for fish seed, the Government has also encouraged the establishment of private fish seed production and rearing farms by providing subsidy.

Inland Fishery Resources

1	Departmental tanks (>40 ha achcut)	W.S.A 1.79 Lakh ha	3906 No.
2	Gram Panchayat tanks (<40 ha achcut)	W.S.A 1.24 Lakh ha	22414 No.
3	Water spread area of tanks		2.93 lakh ha
4	Reservoirs	W.S.A 2.72 Lakh ha	82 No.
5	Length of rivers		5813 km
6	Length of canals		3187 km
7	Brackish Water Area		8000 ha

8	Fish seed Production and Rearing Centres	
	a) Government	
	i) Production and Rearing Centres	17
	ii) Rearing Centres	30
	iii) Taluk Level Nurseries	60
	b) Private	
	i) Production and Rearing Centres	02
	ii) Rearing Centres	300
9	Fishermen population	6.33 lakhs
10	Active Fishermen population	1.39 lakhs
11	Fishermen Co-operative Societies	524
12	Fishermen Co-operative Apex Federation	1
13	Fishermen training Centres	4
14	Fish Markets	610
15	Aquaria	13
16	Ice Plants	75
17	Cold Storages	22
18	Freezing plants	1
19	Frozen storages	1

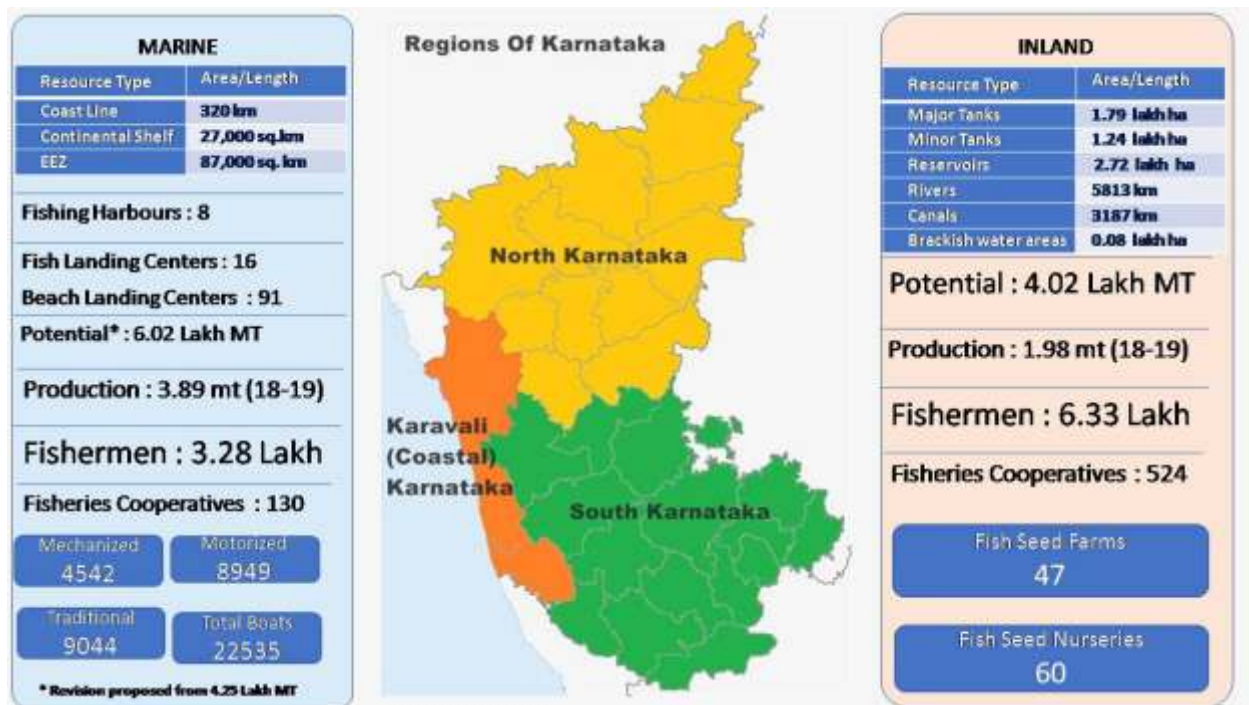


FIGURE2: KARNATAKA RESOURCES AND POTENTIAL (MARINE VS INLAND)

2.7. District-wise Total Fish Production from the State

(Quantity in Metric Tonnes)

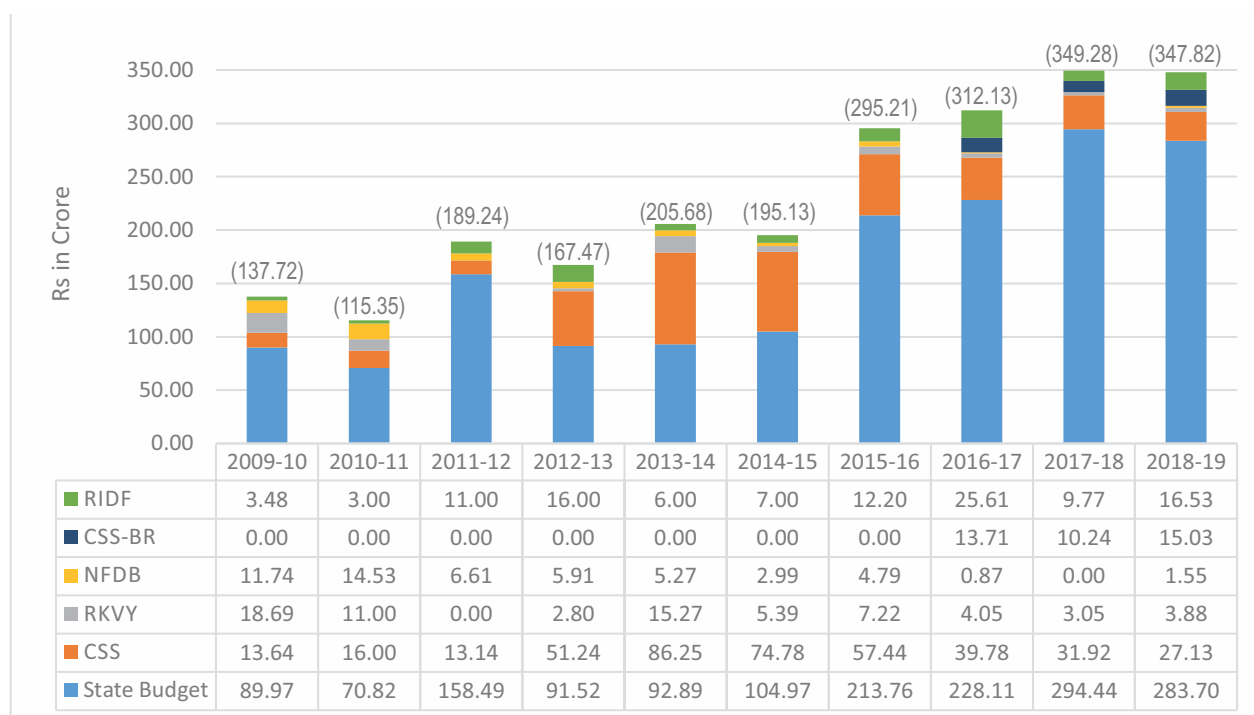
Sl. No.	District	2013-14			2014-15			2015-16		
		Inland	Marine	Total	Inland	Marine	Total	Inland	Marine	Total
1	Bagalkote	860		860	1958		1958	2427		2427
2	Bangalore (R)	1174		1174	2788		2788	2393		2393
3	Bangalore (U)	2814		2814	3938		3938	3946		3946
4	Belgaum	4683		4683	4896		4896	4092		4092
5	Bellary	13698		13698	15004		15004	9124		9124
6	Bidar	2988		2988	2334		2334	1725		1725
7	Bijapur	7446		7446	9795		9795	6881		6881
8	Chamarajanagar	2094		2094	3883		3883	4243		4243
9	Chikballapur	1766		1766	1690		1690	4177		4177
10	Chikmagalur	5341		5341	7211		7211	5814		5814
11	Chitradurga	3995		3995	5875		5875	4488		4488
12	Dakshina Kannada	1106	148272	149378	1112	135766	136878	1106	151478	152584
13	Davanagere	13626		13626	15718		15718	9323		9323
14	Dharwad	2121		2121	2856		2856	2227		2227
15	Gadag	835		835	1071		1071	687		687
16	Gulbarga	3813		3813	3410		3410	4079		4079
17	Hassan	10925		10925	10296		10296	9464		9464
18	Haveri	4084		4084	6606		6606	3901		3901
19	Kodagu	2960		2960	3790		3790	3084		3084
20	Kolar	2132		2132	1523		1523	1848		1848
21	Koppal	4212		4212	4458		4458	2749		2749
22	Mandya	35469		35469	14673		14673	17528		17528
23	Mysore	6064		6064	8517		8517	7721		7721
24	Raichur	13599		13599	18101		18101	12707		12707
25	Ramanagara	3447		3447	4575		4575	4079		4079
26	Shimoga	26834		26834	43765		43765	17302		17302
27	Tumkur	9249		9249	12803		12803	11412		11412
28	Udupi	2161	140608	142769	2173	154446	156619	2182	151099	153281
29	Uttara kannada	5749	68478	74227	6451	109605	116056	6441	109158	115599
30	Yadagiri	2705		2705	2150		2150	1677		1677
Total		197950	357358	555308	223420	399817	623237	168827	411735	580562

(Quantity in Metric Tonnes)

Sl. No.	District	2016-17			2017-18			2018-19		
		Inland	Marine	Total	Inland	Marine	Total	Inland	Marine	Total
1	Bagalkote	3349		3349	1903		1903	1736		1736
2	Bangalore (R)	2110		2110	2531		2531	5798		5798
3	Bangalore (U)	4423		4423	4434		4434	2618		2618
4	Belgaum	4760		4760	6286		6286	5547		5547
5	Bellary	10388		10388	9094		9094	6994		6994
6	Bidar	1877		1877	3338		3338	1030		1030
7	Bijapur	4744		4744	9811		9811	8787		8787
8	Chamarajanagar	2017		2017	3497		3497	4995		4995
9	Chikballapur	4309		4309	5682		5682	3772		3772
10	Chikmagalur	5409		5409	4132		4132	5646		5646
11	Chitradurga	3768		3768	4405		4405	5116		5116
12	Dakshina Kannada	1203	148719	149922	7067	176312	183379	3353	163096	166449
13	Davanagere	7532		7532	1841		1841	6861		6861
14	Dharwad	1943		1943	446		446	2517		2517
15	Gadag	757		757	5605		5605	594		594
16	Gulbarga	5024		5024	7620		7620	5840		5840
17	Hassan	9578		9578	3865		3865	11614		11614
18	Haveri	2206		2206	4328		4328	1806		1806
19	Kodagu	3517		3517	3881		3881	3528		3528
20	Kolar	1608		1608	3292		3292	3937		3937
21	Koppal	2219		2219	17418		17418	3252		3252
22	Mandya	12924		12924	7175		7175	23019		23019
23	Mysore	7332		7332	16172		16172	8902		8902
24	Raichur	10095		10095	20721		20721	11499		11499
25	Ramanagara	5019		5019	7941		7941	6222		6222
26	Shimoga	17443		17443	3227		3227	23454		23454
27	Tumkur	9971		9971	11784		11784	11899		11899
28	Udupi	3571	150317	153888	3983	141146	145129	3077	117895	120972
29	Uttara Kannada	7688	99892	107580	4931	96890	101821	12016	108500	120516
30	Yadagiri	1782		1782	1762		1762	2490		2490
Total		158566	398928	557494	188174	414348	558721	197919	389491	587412

2.8. Fund Flow to Fisheries Sector in the State

Fund flow for the fisheries sector in the state has consistently increased over the last decade from Rs 138 Crore during 2009-10 to Rs 350 Crore during 2018-19. Apart from the state budget, funds have been sourced under various central sector/sponsored schemes (CSS) including, National Fisheries Development Board (NFDB), Rashtriya Krishi Vikas Yojana (RKVY), CSS-Blue Revolution Schemes, (CSS-BR). Private investments have increased correspondingly with the introduction of various promotional schemes to boost the development of the sector.



2.9. New schemes, programmes and initiatives introduced in the last 5 years

Several new schemes, programmes and initiatives have been introduced during the last five years for development of fisheries sector in the state. Details of such few important schemes, programmes and initiatives are highlighted below.

Sl. No.	Scheme/programme/Initiatives	Allocation	Expenditure
(Rs. In Lakh)			
2014-15			
1	Providing information on Fisheries through mobile advisory services	100.00	100.00
2	Distribution of Water and Soil Quality testing kit to District Offices : Under the scheme, to make service easily accessible for testing of water and soil quality of freshwater fish farms.	30.00	28.00

Sl. No.	Scheme/programme/Initiatives	Allocation	Expenditure
3	Fisheries Resource Information Management System (FRIMS) : Under this scheme, FRIMS is implemented by computerizing the major activities of the Department for providing quick and transparent services to the public.	The Software is developed by NIC	
2015-16			
1	Mobile fisheries extension cum diagnostic vehicle : under this scheme, each revenue division is provided with a Mobile fisheries extension cum diagnostic vehicle and awareness is created among people about the various opportunities in fisheries.	26.52	26.52
2	Reimbursement of sales tax on diesel used by mechanized fishing boats: In order to make mechanized fishing economical, in the year 2015-16 a new scheme was introduced; instead of supplying sales tax exempted diesel, the sales tax on diesel utilized by mechanized fishing boats is being transferred as subsidy directly to the bank account of the boat owner from August 2015.	10502.00	6995.96
3	Loan for fisheries activities from cooperative banks A scheme was introduced by Co-operative Department where inland fish farmers can avail short term loan up to Rs.1.00 lakh at 0% interest from Co-operative banks in order to bring about blue revolution in inland fisheries		
2016-17			
1	Blue Revolution - Integrated Development and management of Fisheries: Central Government has introduced the scheme to bring about a significant growth in the fisheries sector in the next 5 year.	1370.75	403.65
2	Fisheries Development in Cluster Model : The objective of this scheme is to take up fisheries development in an integrated and organized way in a cluster -based manner in 14 selected taluks by providing financial support to construct fishponds in waterlogged and unused lands.	50.00	48.16
4	Safety Equipment for fisherwomen: Under this scheme, apron, fiber baskets, hand gloves and other safety equipment costing Rs. 1000 each 10,000 fisher women have been distributed.	100.00	100.00
5	Nija Sharana Ambigara Chowdaiah North Karnataka Fisheries Development Agency (NKFDA) : The main objectives of NKFDA are to formulate local specific programmes for the integrated development of fisheries in North Karnataka.	200.00	200.00
6	A new office of Deputy Director of Fisheries has been established in Udupi district for quick and smooth Implementation of scheme of the department like boat registration, diesel subsidy, etc.		
7	Ban of Bull Trawling: Under the provisions of Karnataka Marine Fisheries Regulation Act Section (d), bull trawling has been banned up to 12 nautical miles from the shore of Karnataka		

Sl. No	Scheme/programme/Initiatives	Allocation	Expenditure
8)	Enhancement of Relief to fishermen under distress : The relief provided under distress relief fund has been raised from the present Rs.2.00 lakhs to Rs.5.00 lakh from 1-8-2016 and is applicable only if the fishermen die while fishing in sea due to natural calamities or Accident.		
2017-18			
1	Mastya Krishi Asha Kirana: The scheme was initiated to encourage feed based fish culture in major tanks across the state. Financial assistance of 50% of the unit cost up to a maximum of Rs. 27000 to purchase 4000 fingerlings per hectare and 2 tonnes of artificial feed was provided.	675.00	411.09
2	Fish collection and Marketing facilities for FCS : The scheme is envisaged to assist fishermen co-operative societies for construction of fish collection and Marketing Building of minimum size of 500 sq. feet, in their own site with water, electricity and other facilities by providing 75% subsidy at an estimated unit cost of Rs. 10 lakh.	150.00	81.71
2018-19			
1	Providing 35 mm square mesh nets: The scheme was introduced to conserve the fish wealth of the sea by preventing the catch of juvenile fish, it is proposed to provide 35mm square meshed nets in cod end free of cost.	250.00	250.00
2	Mathsya Jopasane Yojane: Under this scheme, 10 cold storage units, at a cost of Rs. 10 lakh each, will be established in the State for the fish sellers to preserve the unsold fish at cold storage units in the fish markets.	100.00	100.00
3	Loan for fisheries activities at 0% interest to fisherwomen : Under this scheme, Loan is given from commercial/rural regional banks up to Rs. 50,000 at the rate of interest 2% to fishermen to take up fishing activities, from 2018-19, provision has been made for fisherwomen to avail loan at zero rate of interest.	462.00	462.00

3

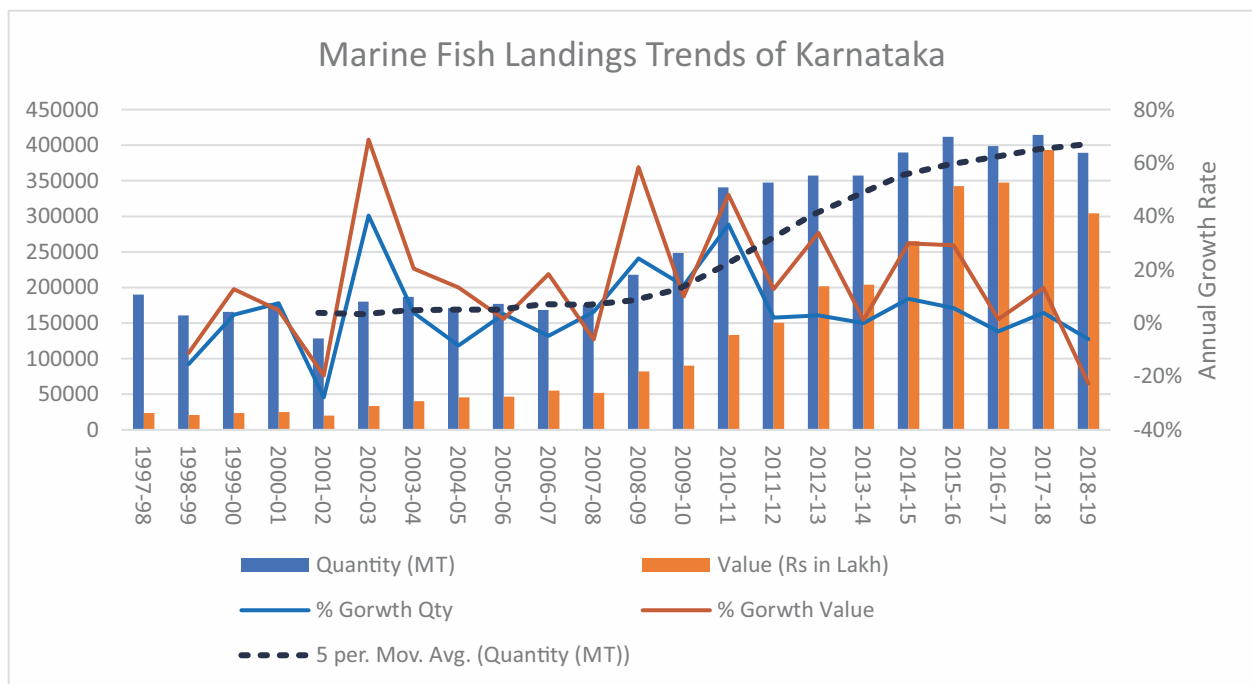
MARINE FISHERIES



3. MARINE FISHERIES

3.1. Trend in Marine Fisheries

The 320 km coastline runs along three districts viz. Dakshina Kannada, Udupi, and Uttara Kannada. The average annual Fish landings was 400870MT during 2014-2018. The five year moving average showed an increasing trend during last ten years. The average annual growth rate for the same period for quantity landed is 4.78 %.



The review of marine fish production of the state during past two decades indicated steady increase despite fluctuations. The lowest landings was recorded in 2001-02 and the highest during 2017-18. Mechanization, motorization, improved crafts and gears, expansion of fishing grounds, multiday fishing, improved marketing and processing facilities contributed to increase in landings over the years.

3.2. Year-wise marine fish catch, value and growth rate

Year	Quantity (MT)	Value (Rs in Lakh)	% Growth Quantity	% Growth Value	Unit Value Rs per Kg
1997-98	189859	23643			₹ 12.45
1998-99	160627	21009	-15.40%	-11.14%	₹ 13.08
1999-00	165653	23684	3.13%	12.73%	₹ 14.30
2000-01	177907	24829	7.40%	4.83%	₹ 13.96
2001-02	128416	19942	-27.82%	-19.68%	₹ 15.53
2002-03	180161	33653	40.29%	68.75%	₹ 18.68
2003-04	187003	40498	3.80%	20.34%	₹ 21.66
2004-05	171227	45873	-8.44%	13.27%	₹ 26.79
2005-06	176974	46598	3.36%	1.58%	₹ 26.33
2006-07	168545	55143	-4.76%	18.34%	₹ 32.72
2007-08	175566	51787	4.17%	-6.09%	₹ 29.50
2008-09	218137	82024	24.25%	58.39%	₹ 37.60
2009-10	248729	90198	14.02%	9.97%	₹ 36.26
2010-11	340571	133565	36.92%	48.08%	₹ 39.22
2011-12	347383	150630	2.00%	12.78%	₹ 43.36
2012-13	357325	201668	2.86%	33.88%	₹ 56.44
2013-14	357358	204101	0.01%	1.21%	₹ 57.11
2014-15	389822	265093	9.08%	29.88%	₹ 68.00
2015-16	411762	342433	5.63%	29.17%	₹ 83.16
2016-17	398928	347270	-3.12%	1.41%	₹ 87.05
2017-18	414348	393300	3.87%	13.25%	₹ 94.92
2018-19	389491	373362	-6.00%	-5.07%	₹ 95.86

3.3. Species composition of marine fish catch (2018-19)

Q-Quantity V- Value



OIL SARDINE
Q-21.88% V- 16.72%



CARRANGIDS
Q-5.6% V-6.8%



MACKEREL
Q-12.48% V-12.62%



CUTTLEFISH
Q-3.81% V-7.70%



THREADFIN BREAMS
Q-8.43 % V-8.87%



SQUID
Q-3.33% V-3.74%



STOMATOPODS
Q-8.07% V-7.54%



TUNA
Q-2.33% V-2.37%

3.4. District and species-wise marine fish landings and its value for 2016-17

Quantity: in metric tonnes Value : Rs. in Lakh

Sl. No.	Species	Dakshina Kannada		Udupi		Uttara Kannada		TOTAL		Contribution %	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1	Anchovies	1564.00	1326.56	805.00	812.00	887.19	532.24	3256.19	2670.80	0.82%	0.77%
2	Barracudas	2036.00	1897.36	570.00	592.00	199.82	104.73	2805.82	2594.09	0.70%	0.75%
3	Big jawed jumper	1404.00	1205.63	3301.00	3440.00	1709.73	609.25	6414.73	5254.88	1.61%	1.51%
4	Black pomfret	771.00	1056.48	2570.00	2685.00	114.18	298.66	3455.18	4040.14	0.87%	1.16%
5	Bull's eye	9433.00	8956.36	2880.00	2972.00	58.18	8.81	12371.18	11937.17	3.10%	3.44%
6	Catfishes	679.00	879.25	3160.00	3300.00	162.89	55.56	4001.89	4234.81	1.00%	1.22%
7	Carangids	84.00	75.50	920.00	945.00	0.00	0.00	1004.00	1020.50	0.25%	0.29%
8	Coilia	5.00	4.32	1150.00	1179.00	2448.91	645.03	3603.91	1828.35	0.90%	0.53%
9	Crabs-Charybdis spp.	245.00	495.63	2350.00	2592.00	1506.67	2410.00	4101.67	5497.63	1.03%	1.58%
10	Croakers	1891.00	1215.63	3132.00	3362.00	1403.88	423.08	6426.88	5000.71	1.61%	1.44%
11	Cuttle fish	5345.00	12547.25	1556.00	1682.00	733.61	321.90	7634.61	14551.15	1.91%	4.19%
12	Eels	251.00	211.45	242.00	305.00	3.09	0.65	496.09	517.10	0.12%	0.15%
13	Flat fishes & Soles	1245.00	1156.36	2147.00	2203.00	343.96	80.78	3735.96	3440.14	0.94%	0.99%
14	Flat heads	152.00	145.78	0.00	0.00	0.00	0.00	152.00	145.78	0.04%	0.04%
15	Halibut	453.00	502.36	2950.00	3410.00	235.09	134.55	3638.09	4046.91	0.91%	1.17%
16	Horse Mackerel	1054.00	949.80	887.00	952.00	447.46	433.67	2388.46	2335.47	0.60%	0.67%
17	Lactarius	0.00	0.00	2043.00	2104.00	0.00	0.00	2043.00	2104.00	0.51%	0.61%
18	Lady fish	217.00	256.12	1356.25	1412.00	0.00	0.00	1574.00	1868.12	0.39%	0.48%
19	Little tuna (kawa kawa)	925.00	915.45	7950.00	8025.00	416.87	432.24	9291.87	9372.69	2.33%	2.70%
20	Lizard fishes	5432.00	4925.63	120.00	130.00	0.19	0.06	5552.19	5055.69	1.39%	1.46%
21	Mackerel	14435.00	15465.15	890.54	910.00	16139.16	7906.55	32453.16	26281.80	7.89%	6.99%
22	Octopus	863.50	1256.49	1022.00	1095.00	0.00	0.00	1885.50	2351.49	0.47%	0.68%
23	Oil sardine	27169.00	24789.14	9960.00	10040.00	40267.46	5683.80	77396.46	42412.94	19.40%	11.67%
24	Other carangids	1456.00	923.50	4539.00	4638.00	4.29	2.43	5999.29	5563.93	1.50%	1.60%

Sl. No.	Species	Dakshina Kannada		Udupi		Uttara Kannada		TOTAL		Contribution %	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
25	Other clupeids	1624.00	845.75	2604.00	2757.00	2727.25	1369.16	6955.25	4971.91	1.76%	1.43%
26	Other sardines	1688.56	1918.15	10422.00	10153.10	1709.85	437.44	14155.85	13008.89	3.46%	3.60%
27	Pink Perch	45.00	42.53	1161.00	1206.00	0.00	0.00	1206.00	1248.53	0.30%	0.36%
28	Prawns	0.00	0.00	11.00	14.00	0.00	0.00	11.00	14.00	0.00%	0.00%
29	Metapenaeus spp.	1945.10	2545.15	9472.00	10543.03	2466.07	2243.44	16183.07	16565.59	3.48%	4.41%
30	Parapenaeopsis spp.	769.00	780.96	8446.00	8575.00	1388.27	1211.21	10603.27	10567.17	2.66%	3.04%
31	Penaeid-Penaeus spp.	92.00	145.89	8073.00	8167.00	128.02	198.04	8293.02	8510.93	2.08%	2.45%
32	Puffer fishes	15.00	8.96	0.00	0.00	0.00	0.00	15.00	8.96	0.00%	0.00%
33	Rays	204.00	345.63	300.00	310.00	4.74	3.13	508.74	658.76	0.13%	0.19%
34	Ribbon fishes	3255.13	4596.29	4480.00	4268.00	126.56	59.31	10862.56	12523.61	1.97%	2.57%
35	Seer fishes	376.00	412.21	63.00	75.00	36.23	97.56	475.23	584.77	0.12%	0.17%
36	Setipinna	756.00	654.21	15044.00	14160.00	2829.59	847.98	18629.59	16662.19	4.67%	4.51%
37	Sharks	315.00	396.23	5812.00	5888.00	827.31	1515.98	6954.31	8398.10	1.74%	2.25%
38	Shell fish	8.00	9.10	118.00	120.00	0.00	0.00	126.00	129.10	0.03%	0.04%
39	Silver Bar	0.00	0.00	48.00	54.00	0.00	0.00	48.00	54.00	0.01%	0.02%
40	Silver pomfret	919.00	1105.32	4085.00	4138.00	921.15	1438.15	5925.15	7781.45	1.49%	1.92%
41	Silverbellies	475.00	479.65	192.00	201.00	2931.34	844.14	3598.34	1524.79	0.90%	0.44%
42	Snappers	1590.00	1602.36	21.00	25.00	636.00	2.33	2247.00	1629.69	0.56%	0.47%
43	Soles	150.00	152.32	3843.00	3901.00	1970.90	750.80	5963.90	4804.12	1.49%	1.38%
44	Squids	8234.00	11564.86	4054.00	4130.00	334.45	555.45	12622.45	16250.31	3.16%	4.68%
45	Stomotopods-Oratosquilla	23567.00	21457.81	2513.00	1860.00	428.39	23.76	26508.39	24041.57	6.64%	6.72%
46	Threadfin breams	23507.00	21546.89	6889.00	6941.00	0.00	0.00	30396.00	28487.89	7.62%	8.20%
47	Thryssa	220.00	195.63	293.00	305.00	1516.65	466.81	2029.65	967.44	0.51%	0.28%
48	Tuna	0.00	0.00	5018.00	5861.00	1623.48	699.79	7648.49	6724.79	1.66%	1.89%
49	Wolf herring	212.00	209.63	0.00	0.00	1044.50	635.47	1256.50	845.10	0.31%	0.24%
50	Miscellaneous	1593.10	1519.43	854.10	700.00	9158.33	6956.78	15585.43	9973.67	2.91%	2.64%
Grand Total		148719.39	153692.16	150316.89	153137.13	99891.71	40440.72	398927.99	347270.01	100.00%	100.00%

3.5. District and species-wise marine fish landings and its value for 2017-18

Quantity: in metric tonnes Value : Rs. in Lakh

Sl. No.	Species	Dakshina Kannada		Udupi		Uttara Kannada		TOTAL		Contribution %	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1	Anchovies	126.00	126.32	850.00	920.00	8.48	2.36	984.48	1048.68	0.24%	0.27%
2	Barracudas	1739.00	1023.63	520.00	622.00	206.48	87.83	2465.48	1733.46	0.60%	0.474%
3	Big jawed jumper	502.00	203.54	1872.00	2145.00	1553.85	818.42	3927.85	3166.96	0.95%	0.81%
4	Black pomfret	276.00	302.42	1070.00	1390.00	9.17	231.47	1355.17	1923.89	0.33%	0.49%
5	Bull's eye	1071.00	875.25	414.00	470.00	133.78	28.60	1618.78	1373.85	0.39%	0.35%
6	Catfishes	1571.00	892.36	870.00	1010.00	280.22	98.50	2721.22	2000.86	0.66%	0.51%
7	Carangids	92.00	89.00	1120.00	1371.00	0.00	0.00	1212.00	1460.00	0.29%	0.37%
8	Coilia	33.00	26.32	1150.00	1410.00	368.42	104.45	1551.42	1540.77	0.37%	0.39%
9	Crabs - Charybdis spp.	437.00	425.63	1285.00	1662.00	0.00	0.00	1722.00	2087.63	0.42%	0.53%
10	Croakers	1794.00	1235.00	2027.00	2272.00	2596.66	394.38	6417.66	3901.38	1.55%	0.99%
11	Cuttle fish	12500.00	24156.35	2826.00	3304.00	993.70	376.00	16319.70	27836.35	3.94%	7.08%
12	Eels	500.00	425.69	242.00	295.00	0.60	0.27	742.60	720.96	0.18%	0.18%
13	Flat fishes & Soles	1737.00	963.36	2843.00	2423.00	0.00	0.00	4584.00	3386.36	1.11%	0.86%
14	Flat heads	236.00	201.36	0.00	0.00	0.00	0.00	236.00	201.36	0.06%	0.05%
15	Halibut	660.00	785.65	620.00	862.00	371.06	245.63	1651.06	1893.28	0.40%	0.48%
16	Horse Mackerel	3004.00	3125.62	2940.00	2392.00	546.15	124.46	6490.15	5642.08	1.57%	1.43%
17	Lactarius	0.00	0.00	1620.00	1864.00	0.00	0.00	1620.00	1864.00	0.39%	0.47%
18	Lady fish	250.00	356.90	1356.00	1952.00	8.50	34.04	1614.50	2342.94	0.39%	0.60%
19	Little Tuna (kawa kawa)	100.00	140.36	1350.00	1636.00	0.00	0.00	1450.00	1776.36	0.35%	0.45%
20	Lizard fishes	4584.00	4023.65	120.00	141.00	0.00	0.00	4704.00	4164.65	1.14%	1.06%
21	Mackerel	7821.00	8635.36	14005.00	15078.00	15041.18	10760.50	36867.18	34473.86	8.90%	8.77%
22	Octopus	412.00	432.56	3122.00	3598.00	0.00	0.00	3534.00	4030.56	0.85%	1.02%
23	Oil sardine	45071.00	40526.37	3676.00	4046.00	26465.33	4408.45	75212.33	48980.82	18.15%	12.45%
24	Other carangids	773.00	789.60	20364.00	24361.00	0.00	0.00	21137.00	25150.60	5.10%	6.39%
25	Other clupeids	1663.00	1238.60	2604.00	3157.00	4158.62	1229.49	8425.62	5625.09	2.03%	1.43%
26	Other sardines	504.00	512.32	2531.00	3113.00	3463.00	156.84	6498.00	3782.16	1.57%	0.96%

Sl. No.	Species	Dakshina Kannada		Udupi		Uttara Kannada		TOTAL		Contribution %	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
27	Pink Perch	79.00	80.50	3161.00	3806.00	0.00	0.00	3240.00	3886.50	0.78%	0.99%
28	Prawns	0.00	0.00	332.00	639.00	0.00	0.00	332.00	639.00	0.08%	0.16%
29	Metapenaeus spp.	2853.00	3965.36	3472.00	5197.00	2876.15	1456.03	9201.15	10618.39	2.22%	2.70%
30	Parapenaeopsis spp.	640.00	720.58	1265.00	2005.00	937.76	755.44	2842.76	3481.02	0.69%	0.89%
31	Penaeid-Penaeus spp.	118.00	125.36	4173.00	5890.00	444.49	314.30	4735.49	6329.66	1.14%	1.61%
32	Puffer fishes	25.00	20.30	0.00	0.00	0.00	0.00	25.00	20.30	0.01%	0.01%
33	Rays	215.00	326.25	650.00	860.00	10.52	6.39	875.52	1192.64	0.21%	0.30%
34	Ribbon fishes	6221.00	7212.02	662.00	1000.00	649.80	65.53	7532.80	8277.55	1.82%	2.10%
35	Seer fishes	412.00	485.60	149.00	378.00	181.22	35.90	742.22	899.50	0.18%	0.23%
36	Setipinna	598.00	425.63	9970.00	11731.00	1083.45	279.87	11651.45	12436.50	2.81%	3.16%
37	Sharks	409.00	421.30	2764.00	4030.00	933.83	2601.28	4106.83	7052.58	0.99%	1.79%
38	Shell fish	5.49	7.20	230.00	562.00	0.00	0.00	235.49	569.20	0.06%	0.14%
39	Silver Bar	0.00	0.00	75.00	285.00	0.00	0.00	75.00	285.00	0.02%	0.07%
40	Silver pomfret	251.00	325.63	866.00	1286.00	158.96	1712.09	1275.96	3323.72	0.31%	0.85%
41	Silverbellies	145.46	150.30	192.24	331.00	4160.54	1099.24	4498.24	1580.54	1.09%	0.40%
42	Snappers	2150.00	2250.36	39.00	148.00	4.47	158.43	2193.47	2556.79	0.53%	0.65%
43	Soles	89.00	90.40	3360.00	3952.00	317.00	765.35	3766.00	4807.75	0.91%	1.22%
44	Squids	7239.00	8231.52	4884.00	5723.00	216.56	579.48	12339.56	14534.00	2.98%	3.70%
45	Stomotopods-Oratosquilla	28258.00	23447.59	5179.26	6218.00	0.00	0.00	33437.26	29665.59	8.07%	7.54%
46	Threadfin breams	34456.00	29564.12	2365.20	2180.00	0.00	0.00	36821.20	31744.12	8.89%	8.07%
47	Thryssa	63.00	55.23	260.00	490.00	40.50	7.97	363.50	553.20	0.09%	0.14%
48	Tuna	0.00	0.00	15620.00	19795.00	1867.00	111.59	17487.00	19906.59	4.22%	5.06%
49	Wolf herring	98.00	82.66	0.00	0.00	8141.83	982.03	8239.83	1064.69	1.99%	0.27%
50	Miscellaneous	4531.00	3956.32	10076.25	7758.03	18660.81	24052.09	33268.06	35766.44	8.03%	9.09%
Grand Total		176311.95	173457.45	141145.95	165758.03	96890.09	54084.52	414347.99	393300.00	100.00%	100.00%

3.6. District and species-wise marine fish landings and its value for 2018-19

Quantity: in metric tonnes Value : Rs. in Lakh

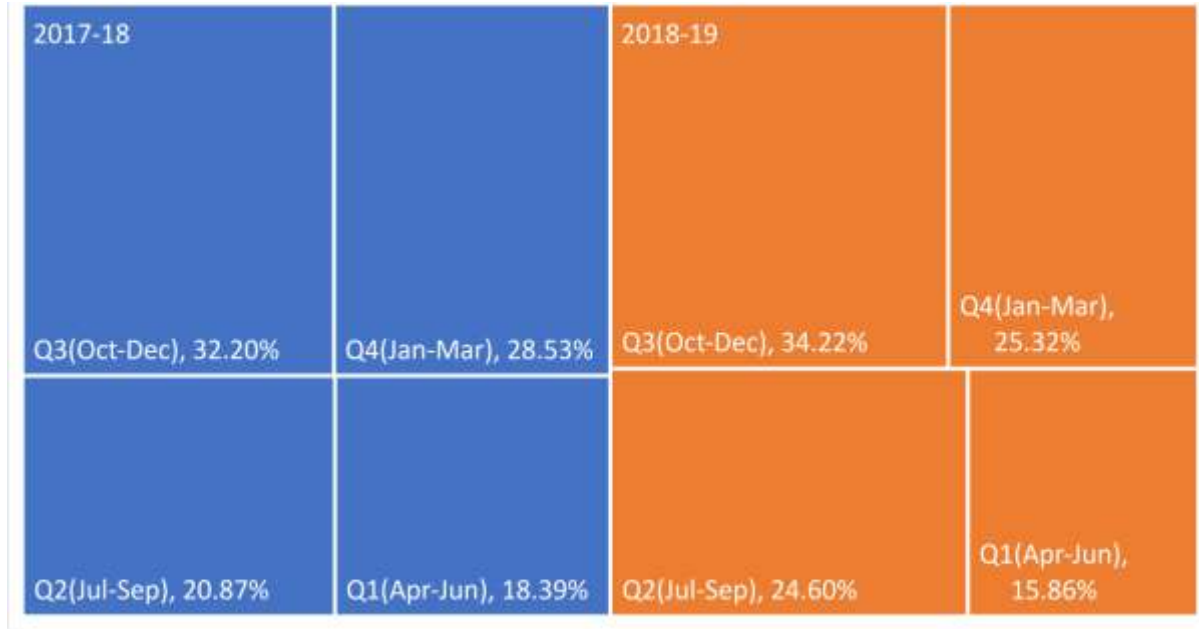
Sl. No.	Species	Dakshina Kannada		Udupi		Uttara Kannada		TOTAL		Contribution%	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1	Anchovies	118.00	145.25	932.00	897.12	1276.52	531.54	2326.52	1573.91	0.60%	0.42%
2	Barracudas	1754.00	1234.56	1941.00	1821.80	108.73	67.77	3803.73	3124.13	0.98%	0.84%
3	Big jawed jumper	612.00	215.65	2260.00	2155.70	1546.46	835.01	4414.46	3206.36	1.13%	0.86%
4	Black pomfret	315.00	312.56	350.00	734.00	273.80	619.70	938.8	1666.26	0.24%	0.45%
5	Bull's eye	1124.00	965.89	2135.00	2685.00	1972.57	431.79	5231.57	4082.68	1.34%	1.09%
6	Catfishes	1423.00	1012.25	3266.00	1631.75	157.45	96.48	4846.45	2740.48	1.24%	0.73%
7	Carangids	95.00	96.23	0.00	0.00	0.00	0.00	95.00	96.23	0.02%	0.03%
8	Coilia	25.00	28.26	0.00	0.00	418.11	247.76	443.11	276.02	0.11%	0.07%
9	Crabs- Charybdis spp.	450.00	542.13	854.00	997.10	2645.87	1612.02	3949.87	3151.25	1.01%	0.84%
10	Croakers	1894.00	1456.36	1874.00	1947.10	1804.28	1033.89	5572.28	4437.35	1.43%	1.19%
11	Cuttle fish	12542.00	26547.89	2064.00	2026.05	219.90	173.65	14825.90	28747.59	3.81%	7.70%
12	Eels	425.00	478.89	1662.00	636.20	0.00	0.00	2087.00	1115.09	0.54%	0.30%
13	Flat fishes & Soles	1875.00	1142.54	0.00	0.00	0.00	0.00	1875.00	1142.54	0.48%	0.31%
14	Flat heads	245.00	236.12	1214.00	1653.30	0.00	0.00	1459.00	1889.42	0.37%	0.51%
15	Halibut	650.00	845.01	0.00	0.00	356.70	254.03	1006.70	1099.04	0.26%	0.29%
16	Horse Mackerel	2985.00	3247.14	2481.00	2446.60	1431.26	507.30	6897.26	6201.04	1.77%	1.66%
17	Lactarius	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%
18	Lady fish	265.00	457.08	0.00	0.00	76.71	64.74	341.71	521.82	0.09%	0.14%
19	Little Tuna (kawa kawa)	66.00	128.45	3842.00	471.10	3503.47	2673.61	7411.47	3273.16	1.90%	0.88%
20	Lizard fishes	4213.00	4201.12	2999.00	3112.10	14.53	9.99	7226.53	7323.21	1.86%	1.96%
21	Mackerel	8452.00	8852.32	12423.00	13233.00	27720.22	25014.71	48595.22	47100.03	12.48%	12.62%
22	Octopus	411.00	439.63	756.00	722.50	0.00	0.00	1167.00	1162.13	0.30%	0.31%
23	Oil sardine	46023.00	41023.56	12542.00	2159.21	26653.80	19240.74	85218.80	62423.51	21.88%	16.72%
24	Other carangids	754.00	754.21	2120.00	1467.70	0.00	0.00	2874.00	2221.91	0.74%	0.60%
25	Other clupeids	1669.00	1342.56	2928.00	1529.50	4318.32	3156.28	8915.32	6028.34	2.29%	1.61%
26	Other sardines	615.00	509.56	3660.00	1230.27	7533.70	3322.88	11808.70	5062.71	3.03%	1.36%
27	Pink Perch	95.00	78.25	0.00	0.00	0.00	0.00	95.00	78.25	0.02%	0.02%
28	Prawns	0.00	0.00	0.00	0.00	329.11	250.14	329.11	250.14	0.08%	0.07%

Sl. No.	Species	Dakshina Kannada		Udupi		Uttara Kannada		Total		Contribution %	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
29	Metapenaeus spp.	1678.00	3874.52	2843.00	3026.60	3026.40	3389.78	7547.40	10290.90	1.94%	2.76%
30	Parapenaeopsis spp.	545.00	745.23	2497.00	2824.10	1162.19	859.71	4204.19	4429.04	1.08%	1.19%
31	Penaeid-Penaeus spp.	95.00	115.06	2545.00	2627.20	806.60	2249.45	3446.60	4991.71	0.88%	1.34%
32	Puffer fishes	29.00	18.45	0.00	0.00	0.00	0.00	29.00	18.45	0.01%	0.00%
33	Rays	302.00	325.41	523.00	509.00	0.00	0.00	825.00	834.41	0.21%	0.22%
34	Ribbon fishes	6958.00	7320.22	4349.00	11903.10	148.69	110.17	11455.69	19333.49	2.94%	5.18%
35	Seer fishes	545.00	692.35	2150.00	6443.20	433.15	1258.67	3128.15	8394.22	0.80%	2.25%
36	Setipinna	615.00	418.56	499.00	927.07	5543.28	1175.73	6657.28	2521.36	1.71%	0.68%
37	Sharks	315.00	495.64	1756.00	1844.50	402.68	970.67	2473.68	3310.81	0.64%	0.89%
38	Shell fish	4.00	7.23	0.00	0.00	0.00	0.00	4.00	7.23	0.00%	0.00%
39	Silver Bar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%
40	Silver pomfret	245.00	369.32	285.00	603.40	788.34	2212.33	1318.34	3185.05	0.34%	0.85%
41	Silverbellies	135.00	145.26	3911.00	4150.00	1606.35	637.69	5652.35	4932.95	1.45%	1.32%
42	Snappers	2032.00	2256.47	1828.00	2055.30	0.00	0.00	3860.00	4311.77	0.99%	1.15%
43	Soles	86.00	89.69	492.00	402.00	3673.99	1641.71	4251.99	2133.40	1.09%	0.57%
44	Squids	7145.00	8315.46	4593.00	4596.10	1213.62	1050.32	12951.62	13961.88	3.33%	3.74%
45	Stomotopods-Oratosquilla	26548.00	24146.93	1707.00	1590.20	161.73	17.04	28416.73	25754.17	7.30%	6.90%
46	Threadfin breams	24023.00	22922.18	8822.00	10188.00	0.00	0.00	32845.00	33110.18	8.43%	8.87%
47	Thryssa	56.00	57.23	2336.00	577.40	0.00	0.00	2392.00	634.63	0.61%	0.17%
48	Tuna	18.00	32.62	5531.00	6141.10	3510.07	2677.57	9059.07	8851.29	2.33%	2.37%
49	Wolf herring	82.00	79.15	834.00	1698.25	1077.80	709.18	1993.80	2486.58	0.51%	0.67%
50	Miscellaneous	2545.00	1992.36	8091.00	8595.38	2583.90	9285.95	13219.9	19873.69	3.39%	5.32%
Grand Total		163096.00	170712.81	117895.00	114259.0	108500.30	88390.00	389491.30	373361.80	100%	100%

3.7. Seasonal and Regional Variation in Marine fish landings

A tree map below indicates seasonal variation in marine fish landings during 2017-18 and 2018-19

Tree Map of Seasonal Variation in Marine Fish Landings

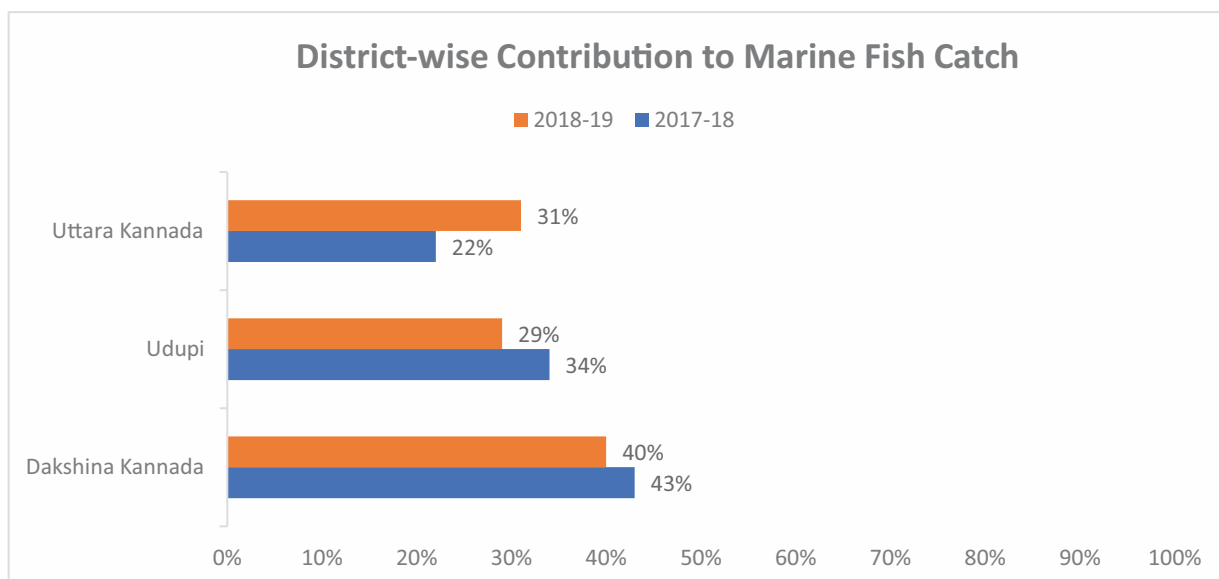
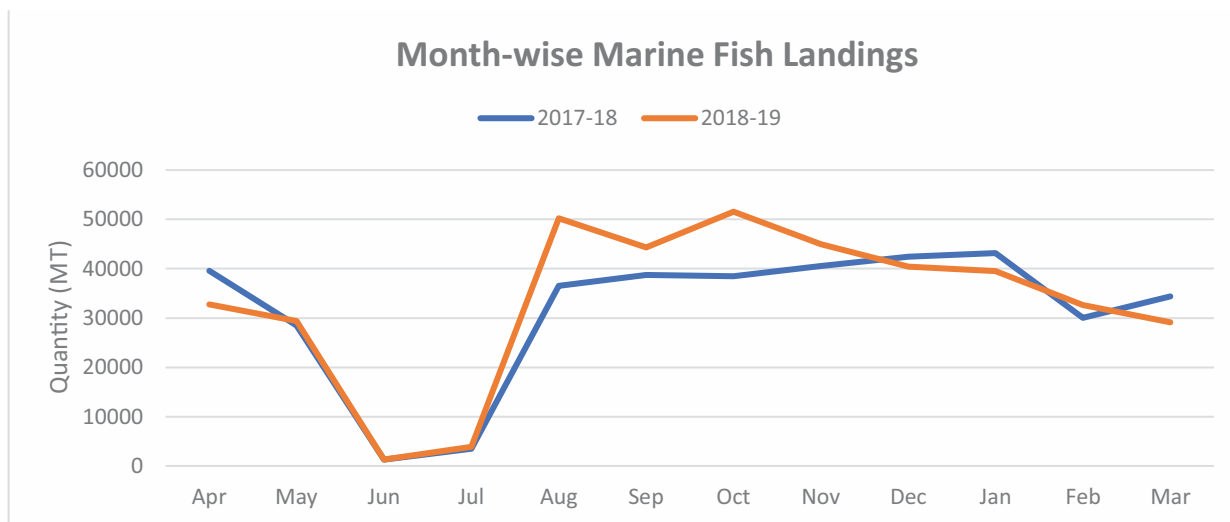


3.8. Month-wise Marine fish landings during 2017-18

Month	Dakshina Kannada		Udupi		Uttara Kannada		Total	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Apr	18395.00	17522.32	19218.00	13752.00	10991.30	8712.10	48604.30	39986.42
May	16885.00	15427.52	9550.00	8524.00	9060.89	6353.99	35495.89	30305.51
Jun	93.00	427.46	540.15	650.00	679.49	306.33	1312.64	1383.79
Jul	2943.00	3257.04	1400.00	5810.00	717.27	342.89	5060.27	9409.93
Aug	16881.32	17335.82	14164.26	19384.00	8463.40	4137.05	39508.98	40856.87
Sep	21969.00	22849.15	12210.00	18853.03	7761.87	3186.85	41940.87	44889.03
Oct	19442.00	18254.94	14000.00	14670.00	8400.31	3287.06	41842.43	36212.00
Nov	19263.00	18156.60	11000.00	11858.00	12305.36	6237.32	42568.36	36251.92
Dec	15684.00	14431.10	16282.00	17831.00	12485.25	6869.28	44421.25	39131.38
Jan	16836.00	15802.15	13500.17	18792.00	15822.95	8043.86	46159.12	42638.01
Feb	15155.14	16035.00	12500.00	14852.00	5476.65	3631.84	33131.79	34518.84
Mar	12754.00	13958.35	17200.00	20782.00	4348.11	2975.94	34302.11	37716.29
	176300 .58	173457 .45	141534 .58	165758 .03	96512 .85	54084 .51	414348 .01	393299 .99

3.9. Month-wise Marine fish landings during 2018-19

Month	Dakshina Kannada		Udupi		Uttara Kannada		TOTAL	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Apr	15285.00	15965.23	10900.00	9923.90	6571.31	5108.16	32756.31	30997.29
May	14245.00	14589.25	10600.00	9437.53	5241.66	2385.69	30086.66	26412.47
Jun	75.00	150.26	60.00	100.31	1082.72	671.40	1217.72	921.97
Jul	2242.00	1845.69	1826.82	2008.90	667.77	391.97	4736.59	4246.56
Aug	16525.00	17895.45	9735.18	7567.11	19930.50	15760.60	46190.68	41223.16
Sep	18254.00	19578.64	7297.00	6934.81	16761.30	12562.10	42312.30	39075.55
Oct	18589.00	19458.32	15600.00	14156.76	14971.70	8568.45	49160.70	42183.53
Nov	19278.00	20645.75	13403.00	14836.40	11950.60	6216.71	44631.60	41698.86
Dec	19454.00	20875.69	10750.00	10959.43	10185.20	20375.80	40389.20	52210.92
Jan	13454.00	13998.25	12928.00	13258.41	11106.90	7197.85	37488.90	34454.51
Feb	13152.00	13587.12	13289.00	12648.32	5117.73	4690.95	31556.73	30926.39
Mar	12543.00	12123.34	11506.00	12427.29	4914.49	4460.42	28963.49	29010.95
	163096.00	170712.99	117895.00	114259.07	108499.88	88390.10	389490.88	373362.16

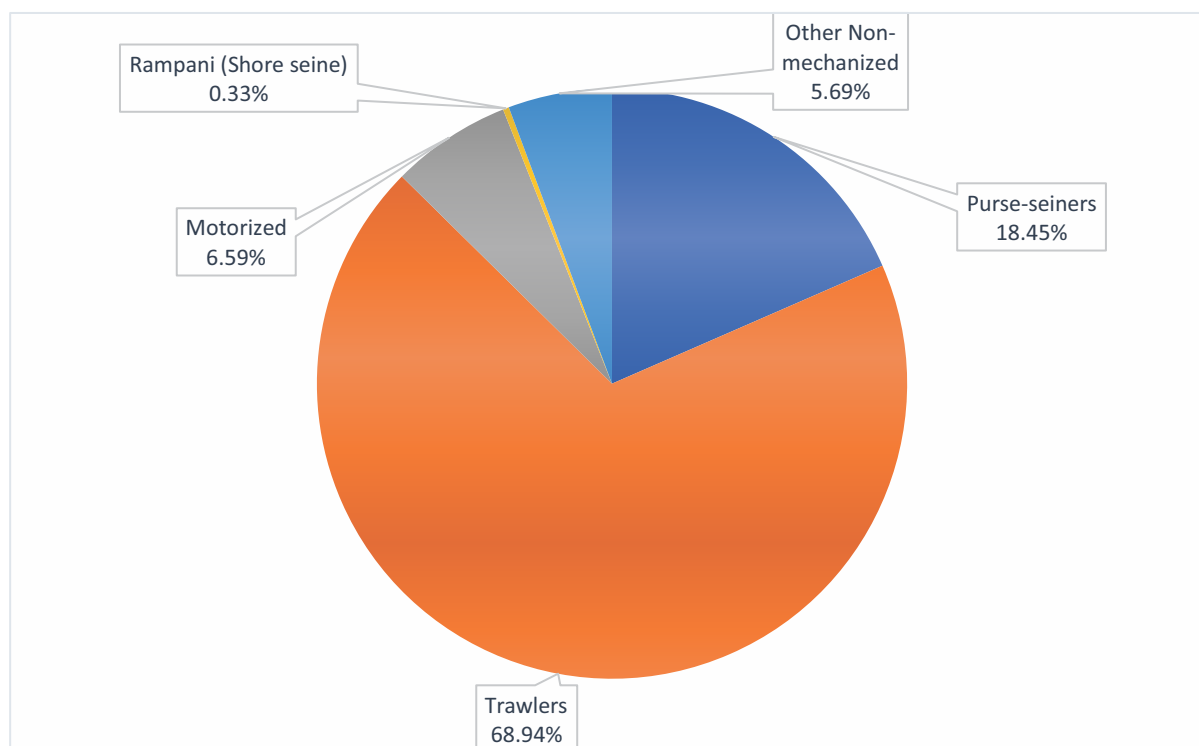


3.10. Marine fish landings by different crafts

(Qty. in metric tons)

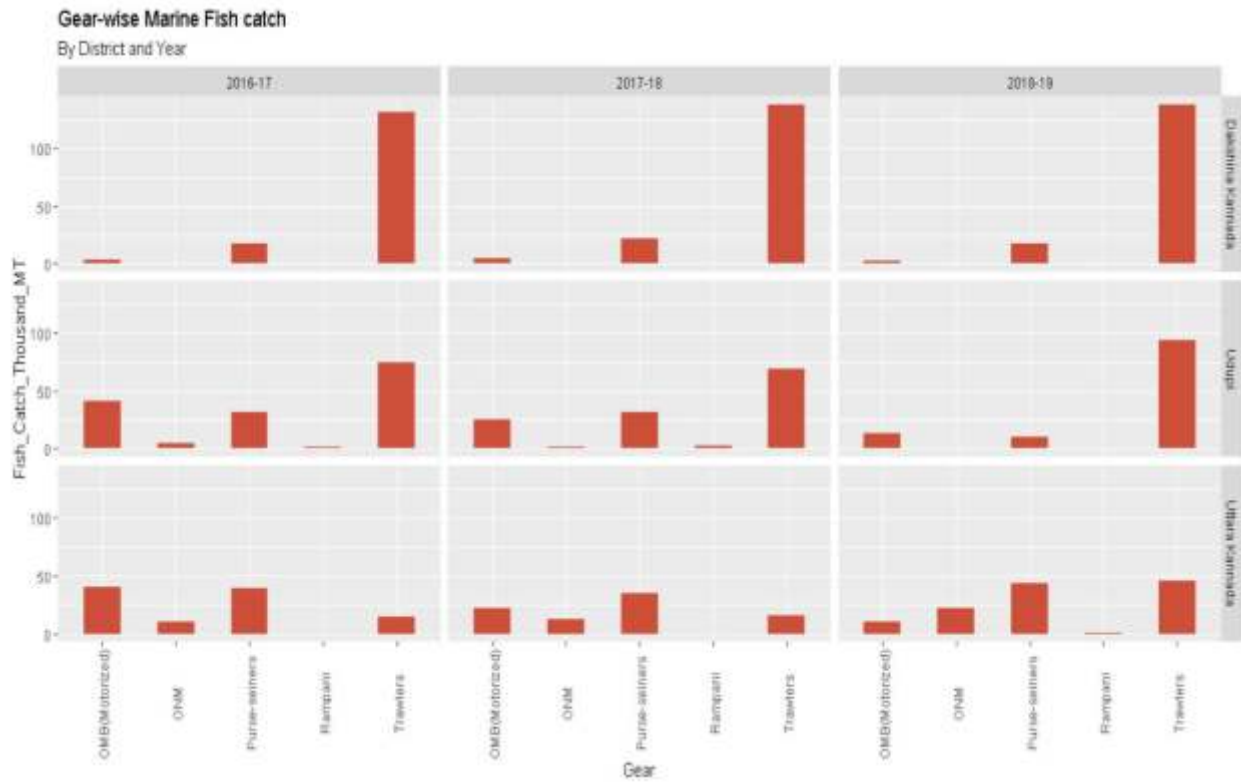
Sl. No.	Year	Purse-seiners	Trawlers	Other mechanized boats (Motorized)	Rampani (Shore seine)	Other Non-mechanized boats	Total
1	2008-09	45254.50	130379.45	32559.10	4413.60	5529.95	218137
2	2009-10	55413.55	150364.70	34202.25	2333.20	6415.10	248729
3	2010-11	67702.95	184838.58	73994.05	1760.36	12274.74	340571
4	2011-12	83903.62	175881.90	71850.59	1827.08	13920.07	347383
5	2012-13	72958.59	200921.00	52926.27	320.16	30801.76	357928
6	2013-14	97475.49	193008.10	42852.99	4246.00	19775.24	357358
7	2014-15	109096.2	191954.40	62128.24	4387.13	22255.93	389822
8	2015-16	112753.5	234490.00	45791.35	4360.13	14367.07	411762
9	2016-17	88353.10	220562.20	71997.93	4070.33	13944.49	398928
10	2017-18	98035.93	235243.10	57362.97	2309.00	21396.69	414348
11	2018-19	71872.07	268499.29	25682.76	1288.05	22149.04	389491

Marine Fish Landings by different crafts during 2018-19



3.11. District-wise marine Fish landings by different crafts

Year	Purse-seiners	Trawlers	Other mechanized boats (Motorized)	Rampani (Shore seine)	Other Non-mechanized boats	Total
Dakshina Kannada						
2016-17	19629.00	125536.00	3426.00	74.39	54.00	148719.39
2017-18	25042.25	147153.56	4026.00	0.00	90.14	176311.95
2018-19	20570.00	139286.00	3219.00	11.00	10.00	163096.00
Udupi						
2016-17	30956.20	72438.23	41508.00	1919.46	3495.00	150316.89
2017-18	31548.00	79724.15	25413.00	2307.80	2153.00	141145.95
2018-19	10270.00	93962.00	13153.00	510.00	0.00	117895.00
Uttara Kannada						
2016-17	29890.87	19642.48	39912.35	23.32	10422.69	99891.71
2017-18	36398.52	25998.03	21897.92	0.00	12595.62	96890.09
2018-19	34787.07	32423.24	18410.63	771.05	22108.04	108500.03

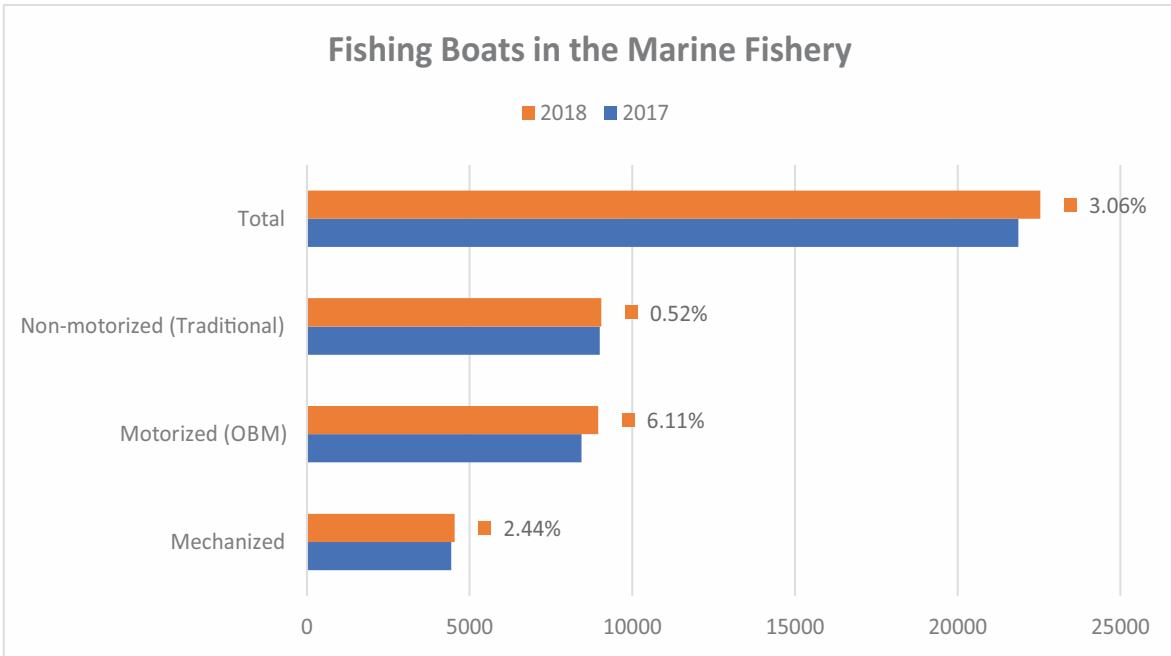


3.12. Fishing Boats in the Marine Fishery (As on 31/03/2018)

Sl. No.	Name of the District	Place of Registration	Mechanized	Motorized (OBM)	Non-motorized (Traditional)	Total
1	Dakshina Kannada	Mangalore	1219	1417	534	
	DK Total		1219	1417	534	3170
2	Udupi	Malpe	1727	2012	899	4638
3		Gangolli	374	2385	1124	3883
	Udupi Total		2101	4397	2023	8521
4	Uttara Kannada	Bhatkal	221	567	1584	2151
5		Honnavar	175	263	894	1157
6		Tadri	269	766	1633	2399
7		Belekeri	185	439	976	1415
8		Karwar	264	585	1353	1938
	UK Total		1114	2620	6440	10174
Grand Total			4434	8434	8997	21865
			20.28%	38.57%	41.15%	100%

3.13. Fishing Boats in the Marine Fishery (As on 31/03/2019)

Sl. No.	Name of the District	Place of Registration	Mechanized	Motorized (OBM)	Non-motorized (Traditional)	Total
1	Dakshina Kannada	Mangalore	1301	1467	545	3313
	DK Total		1301	1467	545	3313
2	Udupi	Malpe	1729	2077	902	4708
3		Gangolli	373	2497	1143	4013
	Udupi Total		2102	4574	2045	8721
4	Uttarakannada	Bhatkal	231	611	1592	2434
5		Honnavar	184	305	896	1385
6		Tadri	275	811	1632	2718
7		Belekeri	186	507	972	1665
8		Karwar	263	674	1362	2299
	UK Total		1139	2908	6454	10501
Grand Total			4542	8949	9044	22535
			20.16%	39.71%	40.13%	100%
Change over Prev. Year			+2.44%	+6.11%	+0.52%	+3.06%



3.14. Fishing Nets/Gears owned by marine Fishermen (as on 31-03-2018)

Sl. No.	Name of the District	Place of Registration	Trawl Nets	Gill Net	Ring-Seiners	Cast Net	Purse seine Net	Shore seine Net	Traditional Nets	Total
1	Dakshina Kannada	Mangalore	1174	1455	5	299	63	0	178	2996
District Total			1174	1455	5	299	63	0	178	2996
2	Udupi	Malpe	1656	2062	26	9	67	1	698	3821
3		Gongolli	338	1953	46	21	36	2	1456	2396
District Total			1994	4015	72	30	103	3	2154	6217
5	Uttara kannada	Bhatkal	199	785	0	2	19	12	1208	1017
6		Honnavar	155	1135	0	625	16	2	0	1933
7		Tadri	223	856	0	1565	5	3	4	2652
8		Belekeri	145	448	0	0	43	0	974	636
9		Karwar	207	900	0	461	32	0	580	1600
District Total			929	4124	0	2653	115	17	2766	7838
Total			4097	9594	77	2982	281	20	5098	17051

3.15. Fishing Nets/Gears owned by marine Fishermen (as on 31-03-2019)

Sl. No.	Name of the District	Place of Registration	Trawl Nets	Gill Net	Ring-Seiners	Cast Net	Purse seine Net	Shore seine Net	Traditional Nets	Total
1	Dakshina Kannada	Mangalore	1392	1457	5	107	62	0	114	3137
District Total			1392	1457	5	107	62	0	114	3137
2	Udupi	Malpe	1695	2176	26	9	67	0	154	4127
3		Gongolli	330	2121	45	4	35	2	542	3079
District Total			2025	4297	71	13	102	2	696	7206
5	Uttara kannada	Bhatkal	207	629	0	150	17	0	1597	2600
6		Honnavar	158	373	0	110	16	0	913	1570
7		Tadri	262	840	0	200	6	1	1638	2947
8		Belekeri	147	631	0	50	40	0	1032	1900
9		Karwar	229	806	0	200	31	3	1370	2639
District Total			1003	3279	0	710	110	4	6550	11656
Total			4420	9033	76	830	274	6	7360	21999

3.16. Details of Diesel Subsidy provided through DBT to Mechanized Fishing Boats

Sl. No.	Year	Eligible Qty (Kl)	Subsidy Released (₹ In Crore)	No. Of Boats Benefited	Subsidy/ Boat/Month
1	2015-16*	147352	69.46	2850	₹ 34,817.00
2	2016-17	150000	157.70	2986	₹ 52,813.10
3	2017-18	149998	148.71	3188	₹ 46,646.80
4	2018-19	149999	147.20	3148	₹ 46,759.80

*From Mar-2015 to May-2015 Tax exempted diesel was supplied

3.17. Extract of Final Evaluation Report on Distribution of Tax Exempted Diesel and Kerosene to Fishing boats in Karnataka

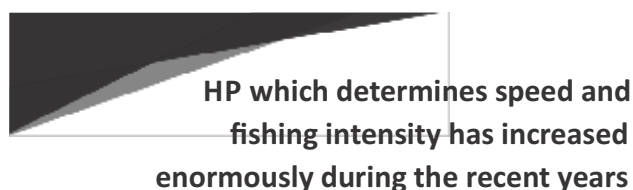
(Karnataka Evaluation Authority, June 2017)

The evaluation study was conducted in three districts of Udupi, Uttara Kannada and Dakshina Kannada. Data was gathered from at least 10% of the boat owners (in mechanized- for each boat engine power-wise)

The team interviewed 325 beneficiaries of mechanised fishing boats, 600 Beneficiaries of motorized Fishing boats and 100 people from the non-fishermen, Fish merchants, Fish labourers and retired government officials and academicians from different Fisheries institutions.

Diesel Subsidy - Findings :

It was observed that >130 HP boats spends 3.5 times more expenditure on average catch per effort (trip) on diesel compared to <70HP boats. Thus, diesel



consumption is distributed towards higher fishing capacity boats. The average return per effort is also highest for higher capacity boats due to higher Fishing intensity.

6376 litre/unit

Annual quantity of diesel drawn

₹ 432,432

Avg. fuel subsidy /Season/boat [244 Fishing days]

₹ 1,772

Avg. fuel subsidy /Fishing day/boat

Around 60% of total subsidy is diverted to >130HP boats which consume more diesel due to higher Fishing capacity.

These boats are also highly capital intensive with an average investment of Rs. 90.00 lakhs on capital and Rs. 1.70 crore on operational expenses per year Obviously, everybody agrees with the need for continuation of the subsidy scheme. All of them reported that fuel subsidy has led to increase in income, employment and also to some extent catch and hence it should be continued beyond 20 years.

MAJOR RECOMMENDATION

It is suggested that the rate of subsidy for every litre of fuel consumed by higher capacity engines could be reduced to maintain equity in the Distribution and gradually the subsidy could be minimized

Kerosene Subsidy - Findings

234-263 litre/month Quantity of Kerosene drawn	₹ 90,000 Avg. subsidy /Season/boat [244 Fishing days]	83 to 54 litre/trip Decrease in consumption from 10 HP to 20 HP
125 to 88 litres Decrease in Storage capacity for ≤ 10 HP to ≥ 20 HP	52 kg to 43 kg Decrease in CPUE for \leq 10 HP to ≥ 20 HP	the average gross return decreases substantially when the HP increases from ≤ 10 to ≥ 20 HP.

Other measures like Zonation of fishing, mesh size Regulation, ban on bull trawling, catching cuttle fish by unnatural methods and other management measures are to be integrated for checking the over Exploitation of fishery resources. Only subsidised diesel/kerosene alone will not stop the over Exploitation of fishery resources.

3.18. Details of Fishing Harbours in Karnataka

Particulars	Major Fishing harbors							
	Mangalore	Malpe	Honnavar	Tadri	Karwar	Gangolli	Bhatkal	Amadalli
Year of commencement	1984-85	1975-76	1973-74	1982-83	1975-76	2001-02	1967	2005-06
Second stage	2000-01	1996-97	-	1993-94	2004-05	-	2016-17	-
Third Stage					2014-15		-	-
Length of quay	1227 m	658m	703m	250m	2475m	503m	286m	260m
Berthing capacity (no. of boats)	438	800	200	25	121	100	75	28
	Marine Fisheries Infrastructure							
No. of auction halls	2	4	1	1	1	2	1	1
Length of auction halls (sq.m)	1125	4800	1728	1400	334	1680	260.85	800
Jetties	A	A	A	A	A	A	A	A
Road	A	A	A	A	A	A	A	A
Freshwater supply	A	A	A	A	A	NA	A	A
Drainage	A	X	A	A	NA	NA	A	A
Electricity	A	A	A	A	A	A	A	A
Toilet	A	A	A	A	A	A	A	A
Parking	A	A	A	A	NA	A	NA	A
Boat building yard (no.)	NA	11	10	NA	1	NA	NA	2
Mechanical workshop	A	A	A	A	A	A	A	NA
Slipway	NA	A	A	A	NA	NA	A	NA
Community hall	NA	NA	NA	A	1	NA	NA	NA
Diesel bunk(no.)	5	6	2	3	2	4	2	1
Ice plants(no.)	4	12	3	2	2	2	NA	1
Cold storage and freezing plant	NA	NA	NA	1	NA	NA	NA	NA
Satellite communication	NA	A	A	A	A	NA	NA	A
Fish markets and handling sheds	NA	NA	NA	A	A	NA	NA	A
Fish gear shed	NA	A	A	A	NA	A	NA	A
Dry Fishing yard	NA	A	A	A	NA	A	NA	A
Fish marketing co-operatives (nos.)	5	6	2	2	4	2	2	NA
Cumulative public investments (Rs in lakh)	290.14	2725.34	3117.99	1505.68	162.1	1132	638	

Note: A- Available, NA- Not Available,

3.19. Revenue from different Fishing Harbours

(Amount in ₹)

Sl. No.	Name of The Harbour	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Malpe						
	Berthing fee	2989583	4188719	4688523	4922950	3864112	2150000
	Rent	2294094	3196075	3946601	3801794	4195916	3131593
	Other fees	749883	124851	893397	1539852	283581	2219511
	Total	6033560	7509645	9528521	10264596	8343609	7501104
2	Mangalore						
	Berthing fee	859516	3662735	3186134	2332078	2931163	7381120
	Rent	682354	997754	1320651	1059241	1023450	1294083
	Other fees	200	800	438921	0	820300	0
	Total	1542070	4661289	4945706	3391319	4774913	8675203
3	Honnavar						
	Landing fee	-	895286	-	-	-	-
	Berthing fee	1163870	-	821935	732235	660010	1278514
	Rent	227739	299740	299356	499593	500087	515909
	Other fees	850	-	13084	500	-	1100
	Total	1392459	1195026	1134375	1232328	1160097	1795523
4	Tadri	-	-	-	-	-	-
	Entry fee	-	-	-	-	-	-
	Wharfage fee	-	539469	435794	2132422	784582	-
	Landing fee	-	-	-	-	-	-
	Berthing fee	-	-	-	-	0	721196
	Rent	-	-	-	457020	-	1231468
	Other fees	-	166901	717253	25850	1156065	200
	Total	-	706370	1153047	2615292	1940647	1952864
5	Karwar						
	Entry fee	-	-	-	181246	-	-
	Berthing fee	-	-	-	-	-	231816
	Total	-	-	-	181246	-	231816
6	Gangolli						
	Entry fee	-	-	-	-	-	-
	Wharfage fee	-	-	-	-	-	-
	Landing fee	256092	-	805983	200000	1959925	-
	Berthing fee	-	-	-	-	-	274505
	Rent	405691	527424	768923	639578	1767632	909846
Other fees	-	-	2249	34902	100	19857	
	Total	661783	527424	1577155	874480	3727657	1204208
7	Bhatkal						
	Entry fee	-	-	-	-	-	-
	Wharfage fee	-	66882	42700	95000	131325	-
	Landing fee	-	-	-	-	-	-
	Berthing fee	-	-	-	-	-	13059
	Rent	-	10245	32300	72175	171736	28405
Other fees	-	-	30550	70180	-	3100	
	Total	-	77127	105550	237355	303061	44564
8	Amadalli						
	Berthing fee	-	4536	23517	24694	-	280890
	Rent	-	-	-	-	-	52734
	Other fee	-	9660	46835	-	-	3000
	Total	-	54996	70352	24694	-	336624
Grand Total		9629872	14731877	18514706	18821310	20249984	21741906

3.20. Marine Products Exports: Port wise and Year wise Details

Port		2014-15	2015-16	2016-17	2017-18	2018-19
<i>MANGALORE/ICD</i>	Quantity in ton	115470	83954	126405	144235	141980
	Value in Crore	1363.38	1048.08	1584.08	1793.41	1886.43
	US\$ Million	223.2	160.63	278.45	281.54	269.26
<i>KARWAR</i>	Quantity in ton	42	0	0	8	0
	Value in Crore	1.47	0	0	0.88	0
	US\$ Million	0.24	0	0	0.14	0
<i>BANGALORE</i>	Quantity in ton	810	79	202	52	68
	Value in Crore	10.12	2.3	4.98	2.39	4.45
	US\$ Million	1.67	0.35	0.75	0.38	0.64
<i>Total Karnataka</i>	Quantity in ton	116322	84033	126607	144295	142048
	Value in Crore	1374.97	1050.38	1589.06	1796.68	1890.88
	US\$ Million	225.11	160.98	279.2	282.06	269.9
<i>Total India</i>	Quantity in ton	1051243	945892	1134948	1377244	1392559
	Value in Crore	33441.61	30420.83	37870.9	45106.89	46589.37
	US\$ Million	5511.12	4687.94	5777.61	7081.55	6728.5
<i>Contribution from Karnataka to the total exports from India</i>	Quantity in ton	11.07 %	8.88 %	11.16 %	10.48 %	10.20 %
	Value in crore	4.11 %	3.45 %	4.20 %	3.98 %	4.06 %

4

INLAND FISHERIES



4. INLAND FISHERIES

Resources : Karnataka is one of the richest states among the Indian States having inland water resources of varied type, constituting about 9.3% of inland water resources of India.

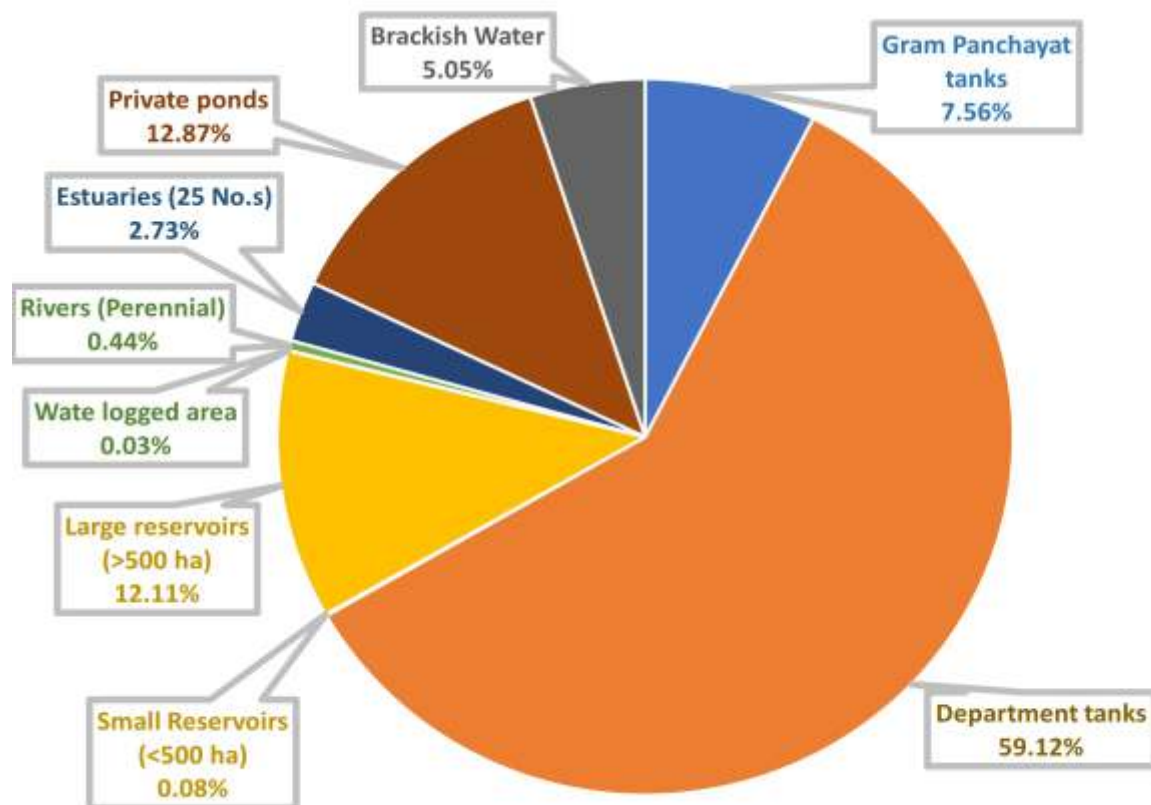
Potential : It is estimated that the potential of inland fish production of the State is around 4.02 lakh metric tons taking in to account the full utilization of all inland water resources for fisheries.

Sl. No.	Resource Type	Extent	Max. Expected Yield	Estimated Production Potential (MT)	Current Status
1	Reservoirs	272258 ha	150kg/ha	20058	25-90kg/ha
2	Dept. Tanks	239195 ha	2500 kg/ha	214644	1130 kg/ha
3	G.P. Tanks	52432 ha	1000 kg/ha	60309	220 kg/ha
4	Rivers	5853 km	1000 kg/km	2907	150 kg/ha
5	B. Water	8000 ha	3500 kg/ha	14000	2420 kg/ha
6	Private ponds(current)	9000 ha	10000Kg/ha	90000	3000 kg/ha
Total				401918	

Utilization and Production : During 2018-19, a total of 6298.01 lakh fish seed(fry) have been produced. 2791 departmental tanks were developed by stocking 1768 (70.83%) lakh fingerlings. Similarly, 1734 Gram Panchayat tanks were developed by stocking 410 (16.43%) lakh fingerlings, 318 lakh fingerlings (12.74%) stocked in Private Ponds and 94.99 lakh fingerling stocking in Reservoirs, by stocking 2590.81 lakh fingerlings and achieved total inland fish production of 1.97 lakh metric tonnes. There is still considerable scope to increase inland fish production by undertaking regular and periodical stocking of the suitable water bodies with quality fingerlings. Due to stocking of fish seed in tanks and reservoirs under 'Reservoir Fisheries Development' and 'Mathsya Krishi Ashakirana' schemes marginal increase in inland fish production of the state has been witnessed.

Resource-wise Contribution to Inland Fish Production in 2018-19

Sl. No.	Resource	Extent	Natural (mt)	Culture (mt)	Total (mt)	Contribution (%)	Per ha Production kg/ha (twsa)
1	Gram Panchayat tanks	52432 ha	209.73	14747.40	14957.13	7.56%	285.27
2	Department tanks	239195 ha	4843.70	112160.99	117004.69	59.12%	489.16
3	Small Reservoirs (<500 ha)	7195 ha	161.89	0.00	161.89	0.08%	22.50
4	Large reservoirs (>500 ha)	265063 ha	7156.70	16812.43	23969.13	12.11%	90.43
5	Water logged area	63091 ha	63.09	0.00	63.09	0.03%	0.68
6	Rivers (Perennial)	5813 km	877.95	0.00	877.95	0.44%	150.00
7	Estuaries (25 No.s)	7202 ha	5410.50	0.00	5410.50	2.73%	750.00
8	Private ponds	9000 ha	0.00	25472.00	25472.00	12.87%	2830.22
9	Brackish Water	8000 ha	0.00	10004.70	10004.70	5.05%	1.25
TOTAL			18723.56	179197.52	197921.08		

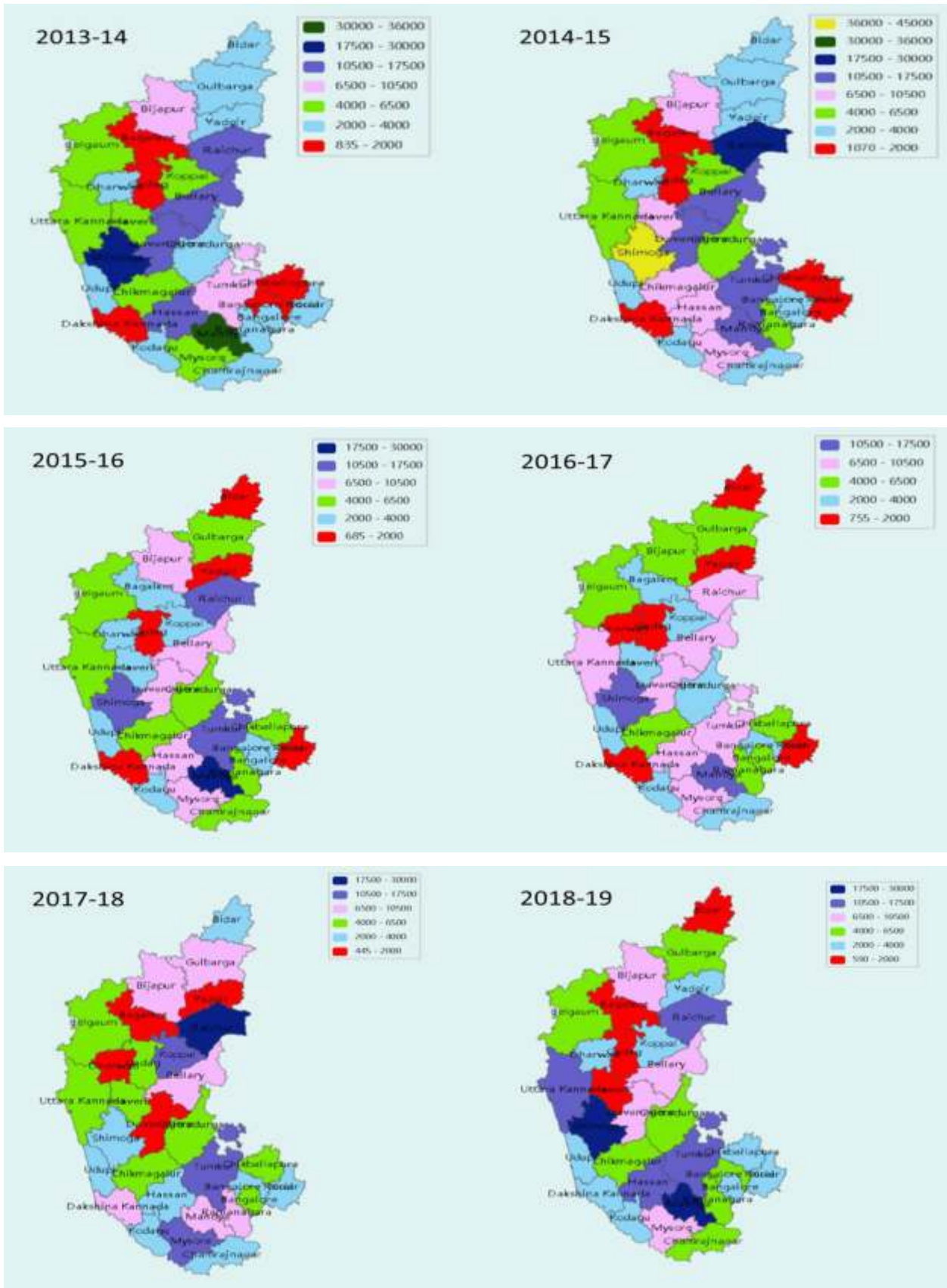


4.1. District wise Inland Fish Production for the period 2013-14 to 2018-19

(Quantity in Metric Tons)

Sl. No.	District	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Bagalkote	860	1958	2427	3349	1903	1736
2	Bengaluru (R)	1174	2788	2393	2110	2531	5798
3	Bengaluru (U)	2814	3938	3946	4423	4434	2618
4	Belagavi	4683	4896	4092	4760	6286	5547
5	Bellary	13698	15004	9124	10388	9094	6994
6	Bidar	2988	2334	1725	1877	3338	1030
7	Vijayapura	7446	9795	6881	4744	9811	8787
8	Chamarajanagar	2094	3883	4243	2017	3497	4995
9	Chikballapur	1766	1690	4177	4309	5682	3772
10	Chikkamagaluru	5341	7211	5814	5409	4132	5646
11	Chitradurga	3995	5875	4488	3768	4405	5116
12	Dakshina Kannada	1106	1112	1106	1203	7067	3353
13	Davanagere	13626	15718	9323	7532	1841	6861
14	Dharwad	2121	2856	2227	1943	446	2517
15	Gadag	835	1071	687	757	5605	594
16	Kalburgi	3813	3410	4079	5024	7620	5840
17	Hassan	10925	10296	9464	9578	3865	11614
18	Haveri	4084	6606	3901	2206	4328	1806
19	Kodagu	2960	3790	3084	3517	3881	3528
20	Kolar	2132	1523	1848	1608	3292	3937
21	Koppal	4212	4458	2749	2219	17418	3252
22	Mandya	35469	14673	17528	12924	7175	23019
23	Mysuru	6064	8517	7721	7332	16172	8902
24	Raichur	13599	18101	12707	10095	20721	11499
25	Ramanagara	3447	4575	4079	5019	7941	6222
26	Shivamogga	26834	43765	17302	17443	3227	23454
27	Tumakuru	9249	12803	11412	9971	11784	11899
28	Udupi	2161	2173	2182	3571	3983	3077
29	Uttara kannada	5749	6451	6441	7688	4931	12016
30	Yadgiri	2705	2150	1677	1782	1762	2490
	Total	197950	223420	168827	158566	188174	197921

4.2. Maps depicting district-wise Inland Fish Production (MT)



4.3. District wise Inland Fisheries Resources of Karnataka

Sl. No.	ZONE	DISTRICT	DEPT. TANKS (>40 Ha Achcut)		G P TANKS (< 40 Ha Achcut)		RESERVOIRS		RIVERS
			No.	WSA (in ha)	No.	WSA (in ha)	No.	WSA (in ha)	Length (in km)
1	Bengaluru	Bangaluru (Rural)	102	6085.63	484	5545.64	0	0.00	62.00
2		Chikkaballapura	214	11413.03	1269	8117.52	0	0.00	160.00
3		Bangaluru (Urban)	178	5629.28	143	5819.82	2	2322.00	0.00
4		Kolar	135	11195.21	2328	19964.19	2	472.00	18.00
5		Ramanagara	107	4073.60	417	3098.40	4	1858.00	20.00
6		Tumakuru	400	31333.39	1232	17288.05	4	3078.00	290.00
7	Shivamogga	Shivamogga	448	5958.91	4921	4555.56	9	39542.00	348.00
8		Chikkamagaluru	128	4150.40	1766	4596.20	2	11415.00	158.00
9		Chitradurga	169	17990.64	122	3933.63	3	9753.00	109.00
10		Davanagere	122	7308.03	154	3394.94	2	3625.00	115.00
11	Belagavi	Belagavi	221	3410.92	626	1171.41	5	22914.00	271.00
12		Vijayapura	160	5998.71	89	19.40	2	61835.00	227.00
13		Dharwad	128	1738.78	439	1600.00	1	490.00	0.00
14		Gadag	32	1603.95	96	613.19	0	0.00	25.00
15		Haveri	194	5749.81	1153	4848.08	1	183.00	0.00
16		Bagalkote	42	1988.52	26	141.22	0	0.00	206.00
17	Mysuru	Mysuru	102	4179.31	873	4940.20	3	8585.00	509.00
18		Hasan	172	9517.01	3128	13201.14	3	11723.00	301.00
19		Kodagu	9	17.83	419	843.77	2	1991.00	211.00
20		Mandya	178	11489.96	688	3981.60	4	13419.00	299.00
21		Chamrajnagar	91	5633.60	221	1514.78	3	885.00	218.00
22	Bellary	Bellary	101	8373.31	137	2632.39	4	40143.00	161.00
23		Bidar	92	2295.62	115	498.55	3	6686.00	119.00
24		Raichur	80	3004.35	227	1627.93	3	665.00	275.00
25		Kalburgi	82	3069.03	41	4489.61	6	5803.80	405.00
26		Yadgiri	74	2674.35	270	3753.21	2	245.20	256.00
27		Koppal	52	2265.56	40	410.62	5	1643.00	80.00
28	Karwar	Uttarkannada	86	1133.39	694	2615.38	7	22982.00	335.00
29	Udupi	Udupi	7	57.38	45	35.72	0	0.00	295.00
30	Mangalore	Dakshina Kannada	0	0.00	251	35.14	0	0.00	380.00
Total			3906	179339.51	22414	125287.29	82	272258.00	5853.00

4.4. District-wise Reservoirs and water spread area

Sl. No.	DISTRICT	W.S.A. > 500 HA.		W.S.A. < 500 HA.		TOTAL	
		No.	Area(ha)	No.	Area(ha)	No.	Area(ha)
1	Bengaluru (U)	2	2322.00	0	0.00	2	2322.00
2	Bengaluru (R)	0	0.00	0	0.00	0	0.00
3	Ramanagara	1	1192.98	3	665.00	4	1857.98
4	Chikkaballapura	0	0.00	0	0.00	0	0.00
5	Bagalkote	0	0.00	0	0.00	0	0.00
6	Belagavi	3	22258.00	2	656.00	5	22914.00
7	Bellary	3	39863.00	1	280.00	4	40143.00
8	Bidar	2	6409.00	1	277.00	3	6686.00
9	Vijayapura	2	61835.00	0	0.00	2	61835.00
10	Chamarajanagar	0	0.00	3	885.00	3	885.00
11	Chikkamagalur	1	11250.00	1	165.00	2	11415.00
12	Chitradurga	2	9433.00	1	320.00	3	9753.00
13	D. Kannada	0	0.00	0	0.00	0	0.00
14	Davanagere	2	3624.50	0	0.00	2	3624.50
15	Dharwad	0	0.00	1	490.00	1	490.00
16	Gadag	0	0.00	0	0.00	0	0.00
17	Kalburgi	5	5448.30	1	356.00	6	5804.30
18	Hassan	3	11723.00	0	0.00	3	11723.00
19	Haveri	0	0.00	1	183.00	1	183.00
20	Kodagu	1	1886.00	1	105.00	2	1991.00
21	Kolar	0	0.00	2	472.00	2	472.00
22	Koppal	1	1247.00	4	396.00	5	1643.00
23	Mandya	1	12924.00	3	495.00	4	13419.00
24	Mysuru	3	8585.00	0	0.00	3	8585.00
25	Raichur	0	0.00	3	665.00	3	665.00
26	Shivamogga	8	39398.66	1	144.00	9	39542.66
27	Tumakuru	2	2682.00	2	396.00	4	3078.00
28	Udupi	0	0.00	0	0.00	0	0.00
29	Uttara Kannada	7	22982.00	0	0.00	7	22982.00
30	Yadgiri	0	0.00	2	245.20	2	245.20
TOTAL		49	265063.00	33	7195.00	82	272258.00

4.5. Taluk-wise Reservoirs and water spread area

Sl. No.	District / Taluk	Name of the Reservoir	Location of the Reservoir	W.S.A >500 ha	W.S.A. < 500 ha
BENGALURU					
1	Bengaluru North	Hessarghatta	Hessarghatta	1160.00	0.00
2	Bengaluru South	T.G.Halli	T.G.Halli	1162.00	0.00
RAMANAGARA					
3	Channapatna	Kanva	Kanva	0.00	447.00
4	Kanakapura	Arkavathi	Harobele	665.00	0.00
5	Ramanagar	Bhyramangala	Bhyramangala	0.00	411.98
6	Magadi	Manchanabele	Manchanabele	0.00	334.00
BELAGAVI					
7	Belagavi	Rakkasakoppa	Rakkasakoppa	0.00	360.00
8		Markandya	Basapura	890.00	0.00
9	Hukkeri	Ghataprabha	Hidkal	7800.00	0.00
10	Soundathi	Malaprabha	Naviluthirtha	13568.00	0.00
11	Bylahongala	Tigadiharinalla	Tigadi	0.00	296.00
BELLARY					
12	H.B.Halli	H.B.Halli	Malve	1209.00	0.00
13	Hospet	Thungabhadra	T.B.Dam	37814.00	0.00
14	Sandur	Narihalla	Narihalla		280.00
15		Dharoji	Dharoji	840.00	0.00
BIDAR					
16	Basavakalyana	Mullamari	Sharanagar	0.00	277.00
17		Chulkinala	Chulkinala	737.00	0.00
18	Bhalki	Karanja	Byalhalli	5672.00	0.00
VIJAYAPURA					
19	Muddebihal	Basavasagara	Narayanapura	13048.00	0.00
20	Basavanabagevadi	Lal Bahadur Shastri (Alamatti)	Alamatti	48787.00	0.00
CHAMARAJANAGAR					
21	Chamarajanagar	Suvarnavathi	Suvarnavathi	0.00	485.00
22		Chikkahole	Chikkahole	0.00	120.00
23	Kollegal	Gundal	Gundal	0.00	280.00
CHIKKAMAGALURU					
24	Narasimharajapur	Bhadra	B.R.Project	11250.00	0.00
25	Tarikere	Jambbadahalla	Tarikere	0.00	165.00
CHITRADURGA					
26	Hiriyur	V.V.Sagar	V.V.Sagar	8640.00	0.00
27		Gayathri	J.J. Halli	793.00	0.00
28	Molakalmuru	Rangaiahnadurga	H.K.Road		320.00

Sl. No.	District / Taluk	Name of the Reservoir	Location of the Reservoir	W.S.A >500 ha	W.S.A. < 500 ha
DAVANAGERE					
29	Channagiri	Shanthisagara	Channagiri	2977.00	0.00
30	Harihara	Devarabelekere	Devarabelekere	647.50	0.00
DHARWAD					
31	Kalghatki	Neersagara	Kalghatki	0.00	490.00
KALBURGI					
32	Afzalpur	Bhima lift	--	1098.30	0.00
33	Aland	Amarja	Koralli	640.00	
34	Chincholi	Chandrapalli	Chandrapalli	0.00	356.00
35		Lower Mullamari	nagonala	845.00	0.00
36	Chitapur	Bennithora	Bennithora	2201.00	0.00
37	Kalburgi	Gandori Nala	Mahagoan	664.00	0.00
YADGIR					
38	Yadgir	Hattikuni	Hattikuni	0.00	121.20
39		Soudagar	Soudagar	0.00	124.00
HASSAN					
40	Belur	Vatehole	Vatehole	600.00	0.00
41		Yagachi	Belur	1961.00	0.00
42	Hassan	Hemavathi	Gorur	9162.00	0.00
KODAGU					
43	Somawarpet	Harangi	Hulugunda	1886.00	0.00
44		Chikklihole	Nanjarayanapatn	0.00	105.00
KOLAR					
45	Bangarpet	Bethamangala	Bethamangala	0.00	317.00
46	Malur	Markandeya	Toralakki	0.00	155.00
KOPPAL					
47	Gangavathi	Sannapura	-	0.00	40.00
48		Mallapura	-	0.00	40.00
49	Koppal	Shivapura	Shivapura	0.00	125.00
50		Hirehalla	Mudlapura	1247.00	0.00
51	Kustagi	Kanakanala	Kilarahatti	0.00	191.00
MANDYA					
52	Malavalli	Netkal	Netkal	0.00	95.00
53		Shivasamudra	Shimsha	0.00	320.00
54		Bhima	D.K.Halli	0.00	80.00
55	Srirangapatna	K.R.Sagar	Kannambadi	12924.00	0.00
MYSURU					
56	H.D.Kote	Kabini	Beechanahalli	6092.00	0.00
57		Nugu	Bhirwala	1413.00	0.00
58		Taraka (Forest)	Taraka	1080.00	0.00

Sl. No.	District / Taluk	Name of the Reservoir	Location of the Reservoir	W.S.A >500 ha	W.S.A. < 500 ha
RAICHUR					
59	Devadurga	Gannekal	Gannekal	0.00	292.00
60	Manvi	Rajolibanda	Rajolibanda	0.00	200.00
61	Lingasagur	Maski	Maski	0.00	173.00
SHIVAMOGGA					
62	Hosanagar	Chakra	Pataguppa	1228.00	0.00
63		Savehaklu	Mastikatte	940.00	0.00
64	Sagar	Linganamakki	Kargal	32256.00	0.00
65		Talakale	Kargal	768.00	0.00
66		Sirur	Kargal		144.00
67	Shikaripura	Anjanapura	Anjanapura	1340.00	0.00
68		Ambligola	Ambligola	685.00	0.00
69	Shivamogga	Tunga	Gajanur	1631.66	0.00
70	Thirthahalli	Varahi	Karnapura	550.00	0.00
TUMAKURU					
71	C.N.Halli	Borakananive	Hoysalakatte	1346.00	
72	Koratagere	Theetha	Theetha	0.00	150.00
73	Kunigal	Markonahalli	Markonahalli	1336.00	0.00
74		Mangala	Mangala	0.00	246.00
UTTARA KANNADA					
75	Haliyal	Bommanahalli	Bommanahalli	1539.00	0.00
76	Haliyal	Tattihalla	Tattihalla	2537.00	0.00
77	Mundgod	Dharma	Malagi	696.00	0.00
78	Supa (Joida)	Supa (KPC)	Supa	12100.00	0.00
79	Karwar	Kadra (KPC)	Mallapura	3775.00	0.00
80	Karwar	Kodasalli (KPC)	Kodasalli	1735.00	0.00
81	Honnavar	Gerusoppa (MPC)	Gerusoppa	600.00	0.00
HAVERI					
82	Hanagal	Chigalli	Mundagoda	0.00	183.00
Total Area ha				265063.00	7195.00

4.6. Taluk-wise estuaries and area

Sl. No.	District/Taluk	Estuaries	
		No.s	Area (in ha)
1. DAKSHINA KANNADA			
1	Mangalore Taluk	5	1140.00
	District Total	5	1140.00
2. UDUPI			
1	Kundapura	4	1535.00
2	Udupi	4	350.00
	District Total	8	1885.00
3. UTTARA KANNADA			
1	Ankola	4	1725.00
2	Bhatkal	2	80.00
3	Honnavar	2	800.00
4	Karwar	2	1116.50
5	Kumta	2	455.00
	District Total	12	4176.50
	State Total	25	7201.50

4.7. Shrimp / Prawn Production in Karnataka

Year	Tiger Shrimp		<i>L. Vannamei</i>		Fresh Water Prawn (Scampi)		Total	
	AUC	EP	AUC	EP	AUC	EP	AUC	EP
2008-09	3,361	2,138			197	105	3,558	2,243
2009-10	1,484	1,581	0	0	-	-	1,484	1,581
2010-11	1,715	2,090	0	0	-	-	1,715	2,090
2011-12	650	609	72	232	-	-	722	841
2012-13	240	180	154	484	49	60	443	724
2013-14	94	56	157	517	7	3	258	576
2014-15	688.65	498.73	124.76	623	0	0	813	1,122
2015-16	1948	682	333	1045	0	0	2,281	1,727
2016-17	735	635	405	1457	-	-	1,140	2,092
2017-18	302	59	399	1465	-	-	701	1,524

AUC- Area Under Culture in hectares

EP - Estimated Production in tons

(Source: MPEDA website:

<https://www.mpeda.gov.in/MPEDA/cms.php?id=eWVhci13aXNlLXNwZW5pZXMtd2lzZS1zdGF0ZS13aXNI#>)

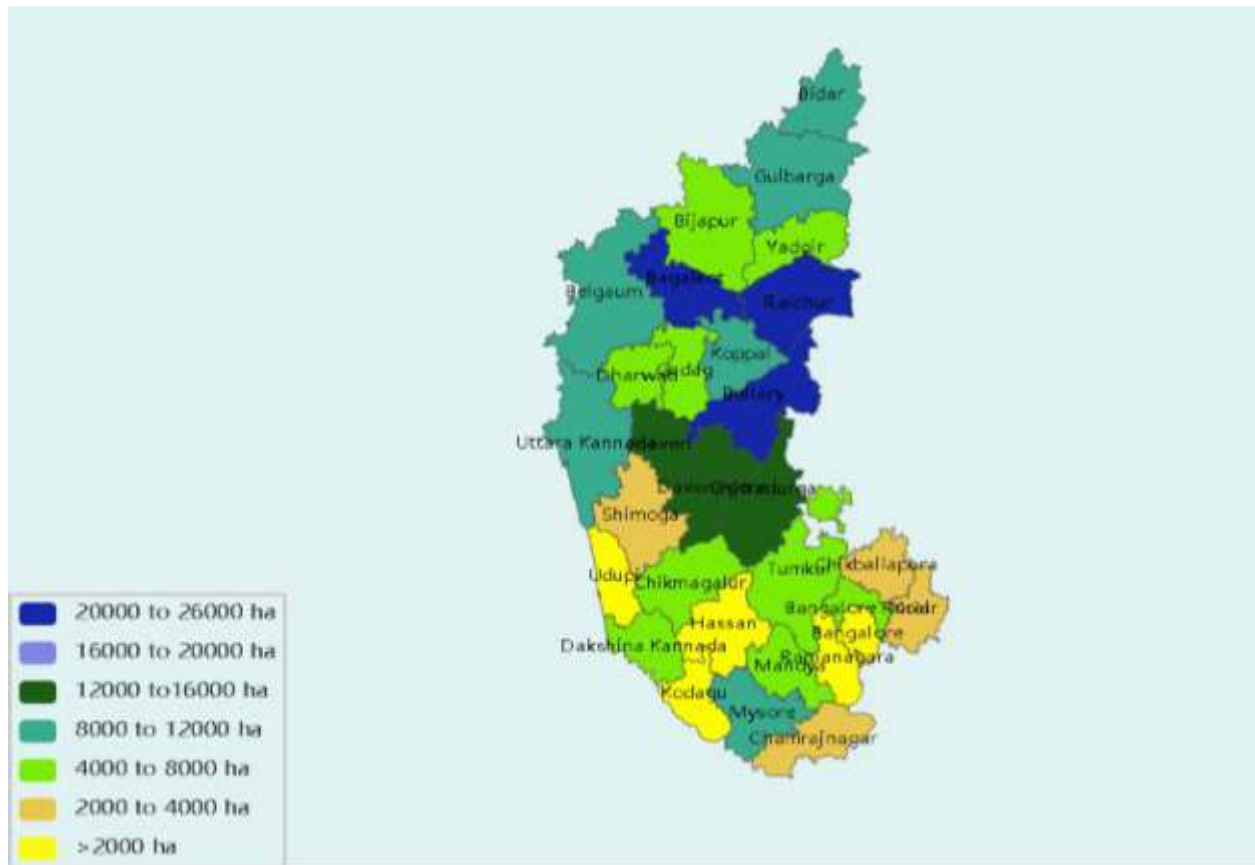
4.8. Details on disposal of fishing rights of Tanks during last 5 years

(Rs. in Lakh)

Year	No. of Tanks disposed through Lease	Income	No. of Tanks disposed through Tender cum Auction	Income	Total No. of Tanks	Total Income
2014-15	669	70.60	2100	604.21	2769	674.81
2015-16	467	71.29	1972	645.96	2439	717.25
2016-17	524	87.40	2032	629.09	2556	716.49
2017-18	Amount of Lease/Tender cum Auction during the year 2016-17 has been adjusted and lease period was extended for the year 2017-18 vide Govt order No: AHF 87 SFE 2016 dated:19.05.2017					
2018-19	471	87.69	2099	901.44	2570	989.13

4.9. District wise Water logged and Alkaline area in the State

Sl. No.	Districts	Area (ha)	Sl. No.	Districts	Area (ha)
1	Bengaluru (U)	0 0.00%	16	Dakshina Kannada	6044 2.53%
2	Bengaluru (R)	4920 2.06%	17	Udupi	1550 0.65%
3	Ramanagara	1550 0.65%	18	Uttara Kannada	11765 4.92%
4	Tumakuru	7486 3.13%	19	Bellary	24718 10.35%
5	Kolar	2704 1.13%	20	Kalburgi	12526 5.24%
6	Chikkaballapur	2460 1.03%	21	Raichur	25149 10.53%
7	Shivamogga	2187 0.92%	22	Bidar	8558 3.58%
8	Chitradurga	13750 5.76%	23	Koppal	11785 4.93%
9	Chikkamagaluru	4244 1.78%	24	Yadgir	4618 1.93%
10	Davanagere	14705 6.16%	25	Belagavi	9476 3.97%
11	Mysuru	8693 3.64%	26	Dharwad	6354 2.66%
12	Mandya	6132 2.57%	27	Gadag	7540 3.16%
13	Chamarajanagar	3150 1.32%	28	Haveri	1540 0.64%
14	Kodagu	0 0.00%	29	Vijayapura	6240 2.61%
15	Hassan	8575 3.59%	30	Bagalkote	20474 8.57%
Total Area		2,38,893 ha			

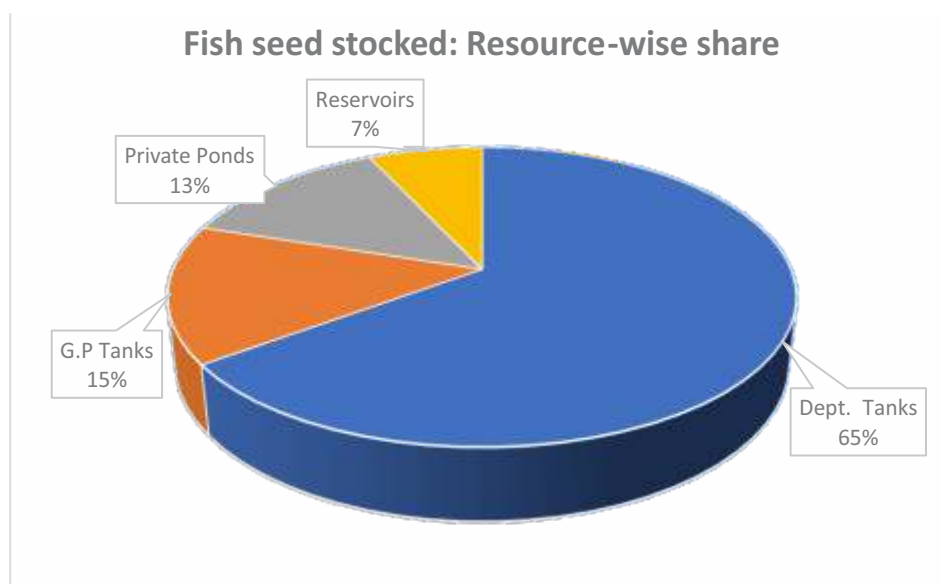


4.10. Year-wise details of Fish Seed Stocked

(Fish Seed Stocked: in lakh fingerlings)

YEAR	DEPT. TANKS		G.P TANKS		PRIVATE PONDS		RESERVOIRS		TOTAL	
	No	Seed Stocked	No	Seed Stocked	HA	Seed Stocked	No	Seed Stocked	No	Seed Stocked
2013-14	2211	1620.14	1748	394.57	3345.03	589.29	17	210.57	3976	2814.57
2014-15	3129	2040.82	1728	451.51	3982.06	317.87	20	267.86	4877	3078.06 ▲
2015-16	2863	1830.06	1712	405.54	2816.88	296.52	24	186.78	4599	2718.90 ▼
2016-17	2657	1307.94	1561	278.44	3112.34	274.25	30	173.42	4248	2034.06 ▼
2017-18	3044	2030.72	2086	489.44	3276.54	340.63	34	211.62	5164	3072.41 ▲
2018-19	2791	1767.77	1734	409.65	2615.50	318.40	30	94.99	4555	2590.81 ▼

	DEPT. TANKS	G.P TANKS	PRIVATE PONDS	RESERVOIRS	
AVERAGE STOCKED	1766.24	404.86	356.16	190.87	2718.13
STD. DEV	251.93	65.12	106.26	52.06	353.21
% SHARE	64.98%	14.89%	13.10%	7.02%	



4.11. Details of fish seed stocked Year 2013-14

(Seed Stocked : in lakh fingerlings)

Sl. No.	District	Dept. Tanks		G.P Tanks		Private Ponds		Reservoirs		Total	
		No	Seed Stocked	No	Seed Stocked	HA	Seed Stocked	No	Seed Stocked	No	Seed Stocked
1	Bagalkote	24	10.95	28	2.5	5	0.8	0	0.00	52	14.25
2	Bengaluru (Rural)	34	14.92	35	7.77	21	0.76	1	1.66	70	25.11
3	Bengaluru (Urban)	59	46.27	16	6.58	7	0.43	0	0.00	75	53.28
4	Belagavi	46	31.37	57	17.52	34	2.61	1	2.43	104	53.93
5	Bellary	56	52.24	40	12.6	436	66.5	0	0.00	96	131.34
6	Bidar	70	22.50	0	0.00	0	0.00	0	0.00	70	22.50
7	Vijayapura	142	87.93	0	0.00	1	0.10	2	58.18	144	146.21
8	Chamarajnaragar	62	42.31	6	1.25	2.97	0.65	0	0.00	68	44.21
9	Chikballapur	75	16.36	26	3.19	19	3.33	0	0.00	101	22.88
10	Chikkamagaluru	36	85.44	37	7.30	55	5.07	3	19.49	76	117.3
11	Chitradurga	81	68.84	12	8.62	500	1.82	0	0.00	93	79.28
12	Dakshina Kannada	0	0.00	5	0.70	52	1.14	0	0.00	43	1.84
13	Davangere	98	169.90	112	76.23	54.84	13.94	0	0.00	210	260.07
14	Dharwad	31	36.07	97	9.97	11.8	0.81	0	0.00	128	46.85
15	Gadag	7	12.00	30	5.00	1	0.50	0	0.00	37	17.50
16	Kalburgi	60	25.00	13	6.00	3	3.00	0	0.00	73	34.00
17	Hassan	85	77.07	104	25.94	62.1	5.01	1	17.95	190	125.97
18	Haveri	133	70.19	185	23.48	7	2.28	0	0.00	318	95.95
19	Kodagu	2	17.50	20	1.65	594.1	29.47	0	0.00	22	48.62
20	Kolar	49	9.87	64	16.21	16	1.19	0	0.00	113	27.27
21	Koppal	39	55.00	20	12.00	130	6.50	0	0.00	59	73.50
22	Mandya	151	111.59	35	18.97	35.7	331.14	0	0.00	186	461.7
23	Mysuru	70	47.29	51	29.60	8.22	2.94	0	0.00	121	79.83
24	Raichur	32	76.00	36	17.00	1177	102.00	0	0.00	68	195.00
25	Ramanagara	74	60.13	41	14.49	56	2.42	0	0.00	115	77.04
26	Shivamogga	389	180.79	579	44.86	1	0.10	7	99.01	975	324.76
27	Tumakuru	211	145.12	38	11.72	16	1.77	2	11.85	251	170.46
28	Udupi	1	3.00	17	1.82	24	1.20	0	0.00	18	6.02
29	Uttara Kannada	55	22.82	40	8.10	10.3	1.31	0	0.00	95	32.23
30	Yadgiri	39	21.67	4	3.50	4	0.50	0	0.00	43	25.67
Grand Total		2211	1620.14	1748	394.57	3345.03	589.29	17	210.57	3976	2814.57

4.12. Details of fish seed stocked 2014-15

(Seed Stocked: in lakh fingerlings)

Sl. No.	District	Dept. Tanks		G.P Tanks		Private Ponds		Reservoirs		Total	
		No	Seed Stocked	No	Seed Stocked	HA	Seed Stocked	No	Seed Stocked	No	Seed Stocked
1	Bagalkote	29	16.40	30	2.05	6.8	0.50	0	0.00	59	18.95
2	Bengaluru (Rural)	67	43.83	82	12.82	20	1.10	0	0.00	149	57.75
3	Bengaluru (Urban)	159	38.80	7	15.98	17	1.44	2	5.80	168	62.02
4	Belagavi	64	39.12	36	8.00	43	5.97	3	41.98	103	95.07
5	Bellary	112	95.60	46	46.1	923	51.15	0	0.00	158	192.85
6	Bidar	115	49.05	0	0.00	0	0.00	0	0.00	115	49.05
7	Vijayapura	200	92.25	0	0.00	0	0.00	2	77.99	202	170.24
8	Chamarajnagar	84	74.55	10	3.00	4	0.70	0	0.00	94	78.25
9	Chikballapur	98	15.84	34	3.4	7.5	0.57	0	0.00	132	19.81
10	Chikkamagaluru	74	70.26	69	8.66	96.5	6.17	2	16.14	145	101.23
11	Chitradurga	129	63.18	13	6.00	92	0.81	0	0.00	142	69.99
12	Dakshina Kannada	0	0.00	7	1.40	48	0.89	0	0.00	7	2.29
13	Davangere	127	149.83	98	64.93	69.76	11.02	0	0.00	225	225.78
14	Dharwad	149	41.25	74	6.53	9	0.75	2	4.72	225	53.25
15	Gadag	17	12.00	30	5.00	0.2	0.50	0	0.00	47	17.50
16	Kalburgi	79	48.00	30	12.00	4	2.70	0	0.00	109	62.70
17	Hassan	108	126.78	90	39.27	115.54	3.67	2	20.46	200	190.18
18	Haveri	174	98.77	201	21.82	32.25	3.22	0	0.00	375	123.81
19	Kodagu	2	5.78	16	2.16	754.2	40.53	1	5.20	19	53.67
20	Kolar	40	4.86	57	9.47	10	0.45	0	0.00	97	14.78
21	Koppal	50	49.45	17	12.00	108	5.08	1	1.46	68	67.99
22	Mandya	170	174.19	74	27.20	32.5	36.48	1	35.20	245	273.07
23	Mysuru	88	109.75	108	43.32	34.4	2.93	0	0.00	196	156.00
24	Raichur	50	110.50	42	25.50	1443	136.00	0	0.00	92	272.00
25	Ramanagara	86	54.95	20	9.77	13	2.28	0	0.00	106	67.00
26	Shivamogga	424	218.09	422	30.15	45	0.00	3	54.07	849	302.31
27	Tumakuru	278	184.37	64	18.59	20	0.65	1	4.84	343	208.45
28	Udupi	5	2.80	4	0.95	7.5	1.04	0	0.00	9	4.79
29	Uttara Kannada	93	21.47	32	7.44	20.91	0.97	0	0.00	125	29.88
30	Yadgiri	58	29.10	15	8.00	5	0.30	0	0.00	73	37.40
Grand Total		3129	2040.82	1728	451.51	3982.06	317.87	20	267.86	4877	3078.06

4.13. Details of fish seed stocked 2015-16

(Seed Stocked: in lakh fingerlings)

Sl. No.	District	Dept. Tanks		G.P Tanks		Private Ponds		Reservoirs		Total	
		No	Seed Stocked	No	Seed Stocked	HA	Seed Stocked	No	Seed Stocked	No	Seed Stocked
1	Bagalkote	31	13.28	39	2.80	8.5	1.90	0	0.00	70	17.98
2	Bengaluru (Rural)	62	23.86	38	4.40	9	0.05	0	0.00	100	28.31
3	Bengaluru (Urban)	145	86.2	70	19.25	33	1.27	2	3.63	217	110.35
4	Belagavi	115	23.97	12	2.23	28	3.32	2	19.68	129	49.20
5	Bellary	59	53.18	23	8.45	450	28.3	0	0.00	82	89.93
6	Bidar	73	0.00	0	0.00	0	0.00	0	0.00	73	0.00
7	Vijayapura	114	50.97	2	1.00	10	1.00	2	44.37	118	97.34
8	Chamarajnaragar	77	36.18	8	31.89	0.88	0.14	0	0.00	85	68.21
9	Chikballapur	107	80.65	361	49.19	65.65	1.05	0	0.00	468	130.89
10	Chikkamagaluru	63	51.78	63	12.40	114.6	9.22	2	12.43	128	85.83
11	Chitradurga	120	60.91	11	9.29	11	0.30	0	0.00	131	70.50
12	Dakshina Kannada	0	0.00	18	0.96	0	0.94	0	0.00	18	1.90
13	Davangere	106	104.66	64	34.78	38.79	7.16	1	7.52	171	154.12
14	Dharwad	107	34.32	25	4.50	4	1.00	1	1.80	133	41.62
15	Gadag	17	9.00	14	3.00	0.2	0.50	0	0.00	31	12.50
16	Kalburgi	76	62.00	49	20.00	11	6.50	0	0.00	125	88.50
17	Hassan	103	135.70	101	24.45	125	6.61	2	14.63	206	181.39
18	Haveri	185	34.55	18	1.48	10.1	2.04	0	0.00	203	38.07
19	Kodagu	4	23.24	11	3.76	200	26.62	1	5.00	16	58.62
20	Kolar	35	14.35	101	23.66	111	1.96	1	3.40	137	43.37
21	Koppal	49	32.00	10	7.80	36	3.86	0	0.00	59	43.66
22	Mandya	164	192.40	48	12.30	13.84	85.11	0	0.00	212	289.81
23	Mysuru	84	70.44	76	39.70	10.92	8.27	0	0.00	160	118.41
24	Raichur	59	77.00	17	9.75	1458	92.00	0	0.00	76	178.75
25	Ramanagara	87	93.54	25	9.91	19	2.62	0	0.00	112	106.07
26	Shivamogga	402	210.30	372	40.60	4	1.50	7	62.08	781	314.48
27	Tumakuru	275	194.64	83	18.44	31	1.39	2	6.63	360	221.10
28	Udupi	4	2.65	4	0.40	3	0.52	0	0.00	8	3.57
29	Uttara Kannada	80	32.83	36	6.15	1.4	0.47	1	5.61	117	45.06
30	Yadgiri	60	25.46	13	3.00	9	0.90	0	0.00	73	29.36
Grand Total		2863	1830.06	1712	405.54	2816.88	296.52	24	186.78	4599	2718.90

4.14. Details of fish seed stocked 2016-17

(Seed Stocked: in lakh fingerlings)

Sl. No.	District	Dept. Tanks		G.P Tanks		Private Ponds		Reservoirs		Total	
		No	Seed Stocked	No	Seed Stocked	HA	Seed Stocked	No	Seed Stocked	No	Seed Stocked
1	Bagalkote	31	12.75	32	3.07	7.6	1.19	0	0.00	63	17.01
2	Bengaluru (Rural)	49	22.37	63	8.25	11	0.25	1	0.00	113	30.87
3	Bengaluru (Urban)	118	31.23	65	9.15	40	1.28	1	0.93	184	42.58
4	Belagavi	131	32.35	32	4.52	74	7.06	3	13.03	166	56.96
5	Bellary	56	21.11	5	6.50	680	53.10	0	0.00	61	80.71
6	Bidar	82	70.00	0	0.00	0	0.00	1	3.75	83	73.75
7	Vijayapura	107	50.93	10	2.00	12	1.00	2	48.03	119	101.96
8	Chamarajnar	78	26.20	2	1.00	5	0.30	0	0.00	80	27.50
9	Chikballapur	124	46.14	58	3.35	3.37	1.02	0	0.00	182	50.51
10	Chikkamagaluru	58	62.87	63	4.75	94.5	7.38	2	17.26	123	92.26
11	Chitradurga	85	27.74	10	2.20	28	0.23	1	1.89	96	32.06
12	Dakshina Kannada	0	0.00	5	0.49	4	1.00	0	0.00	5	1.49
13	Davangere	109	69.05	55	26.16	28.51	9.95	0	0.00	164	105.16
14	Dharwad	94	23.70	36	3.00	3	0.50	0	0.00	130	27.20
15	Gadag	18	10.00	20	4.00	1.2	1.00	0	0.00	38	15.00
16	Kalburgi	60	62.00	50	20.00	12	6.25	5	11.54	115	99.79
17	Hassan	85	73.51	89	17.39	122	13.49	2	10.20	176	114.59
18	Haveri	137	36.75	23	4.11	3.1	0.15	0	0.00	160	41.01
19	Kodagu	9	21.60	5	0.43	509.6	22.73	0	0.00	14	44.76
20	Kolar	33	15.87	48	9.52	6	0.11	1	3.27	82	28.77
21	Koppal	49	30.00	10	3.30	70	3.80	0	0.00	59	37.10
22	Mandya	163	111.25	8	2.67	9.7	27.80	0	0.00	171	141.72
23	Mysuru	79	62.19	92	50.50	21.52	13.12	0	0.00	171	125.81
24	Raichur	58	85.00	32	9.68	1277	63.10	0	0.00	90	157.78
25	Ramanagara	65	42.30	25	13.46	33	3.56	0	0.00	90	59.32
26	Shivamogga	383	120.85	605	37.60	28.19	30.74	8	58.53	996	247.72
27	Tumakuru	225	92.12	33	4.65	5	0.13	2	2.69	260	99.59
28	Udupi	3	2.15	4	0.62	4	1.62	0	0.00	7	4.39
29	Uttara Kannada	96	24.85	71	20.07	9.05	1.24	1	2.30	168	48.46
30	Yadgiri	72	21.07	10	6.00	10	1.15	0	0.00	82	28.22
Grand Total		2657	1307.94	1561	278.44	3112.34	274.25	30	173.42	4248	2034.05

4.15. Details of fish seed stocked 2017-18

(Seed Stocked: in lakh fingerlings)

Sl. No.	District	Dept. Tanks		G.P Tanks		Private Ponds		Reservoirs		Total	
		No	Seed Stocked	No	Seed Stocked	HA	Seed Stocked	No	Seed Stocked	No	Seed Stocked
1	Bagalkote	26	11.96	32	1.40	8.95	0.65	0	0.00	58	14.01
2	Bengaluru (Rural)	79	43.70	187	17.51	3	0.32	0	0.00	266	61.53
3	Bengaluru (Urban)	155	69.90	125	29.58	24	2.48	2	3.75	282	105.71
4	Belagavi	131	57.71	45	8.96	51	5.33	4	27.01	180	99.01
5	Bellary	65	44.90	13	31.00	685	50.50	1	0.60	79	127.00
6	Bidar	73	12.98	0	0.00	0	0.00	1	5.00	74	17.98
7	Vijayapura	114	102.92	20	8.51	10	3.30	2	45.77	136	160.5
8	Chamarajnar	85	89.13	1	2.00	6	1.10	0	0.00	86	92.23
9	Chikballapur	176	84.74	48	4.95	1.72	0.93	0	0.00	224	90.62
10	Chikkamagaluru	58	31.92	34	2.21	87	8.65	2	13.38	94	56.16
11	Chitradurga	116	79.18	26	8.98	65	1.49	2	5.92	144	95.57
12	Dakshina Kannada	0	0.00	5	0.49	3.95	0.98	0	0.00	5	1.47
13	Davangere	117	94.33	44	31.97	20.32	4.75	1	4.99	162	136.04
14	Dharwad	97	29.06	67	4.30	8	1.12	0	0.00	164	34.48
15	Gadag	11	2.00	5	1.00	0.2	0.20	0	0.00	16	3.20
16	Kalburgi	80	64.00	60	22.00	17	8.00	2	2.58	142	96.58
17	Hassan	84	73.03	120	21.34	187	6.44	3	16.7	207	117.51
18	Haveri	140	29.10	102	51.10	5	0.50	0	0.00	242	80.70
19	Kodagu	6	13.88	7	7.62	496.5	26.16	0	0.00	13	47.66
20	Kolar	118	88.81	81	28.00	7	0.81	1	0.75	200	118.37
21	Koppal	49	44.38	25	10.80	117	5.97	1	0.60	75	61.75
22	Mandya	176	250.87	321	20.85	6.05	52.40	1	15.97	208	340.09
23	Mysuru	92	86.02	107	51.20	20.65	4.90	0	0.00	199	142.12
24	Raichur	64	120.44	15	8.50	1310	123.50	0	0.00	79	252.44
25	Ramanagara	90	89.70	43	24.73	42	4.20	0	0.00	133	118.63
26	Shivamogga	390	218.28	443	62.00	76.2	21.90	8	63.65	841	365.83
27	Tumakuru	290	144.87	64	14.19	1.5	1.16	2	3.03	356	163.25
28	Udupi	3	2.00	5	0.63	4	0.85	0	0.00	8	3.48
29	Uttara Kannada	85	23.87	21	7.62	2.5	0.79	1	1.92	107	34.20
30	Yadgiri	74	27.04	20	6.00	10	1.25	0	0.00	94	34.29
Grand Total		3044	2030.72	2086	489.44	3276.54	340.63	34	211.62	5164	3072.41

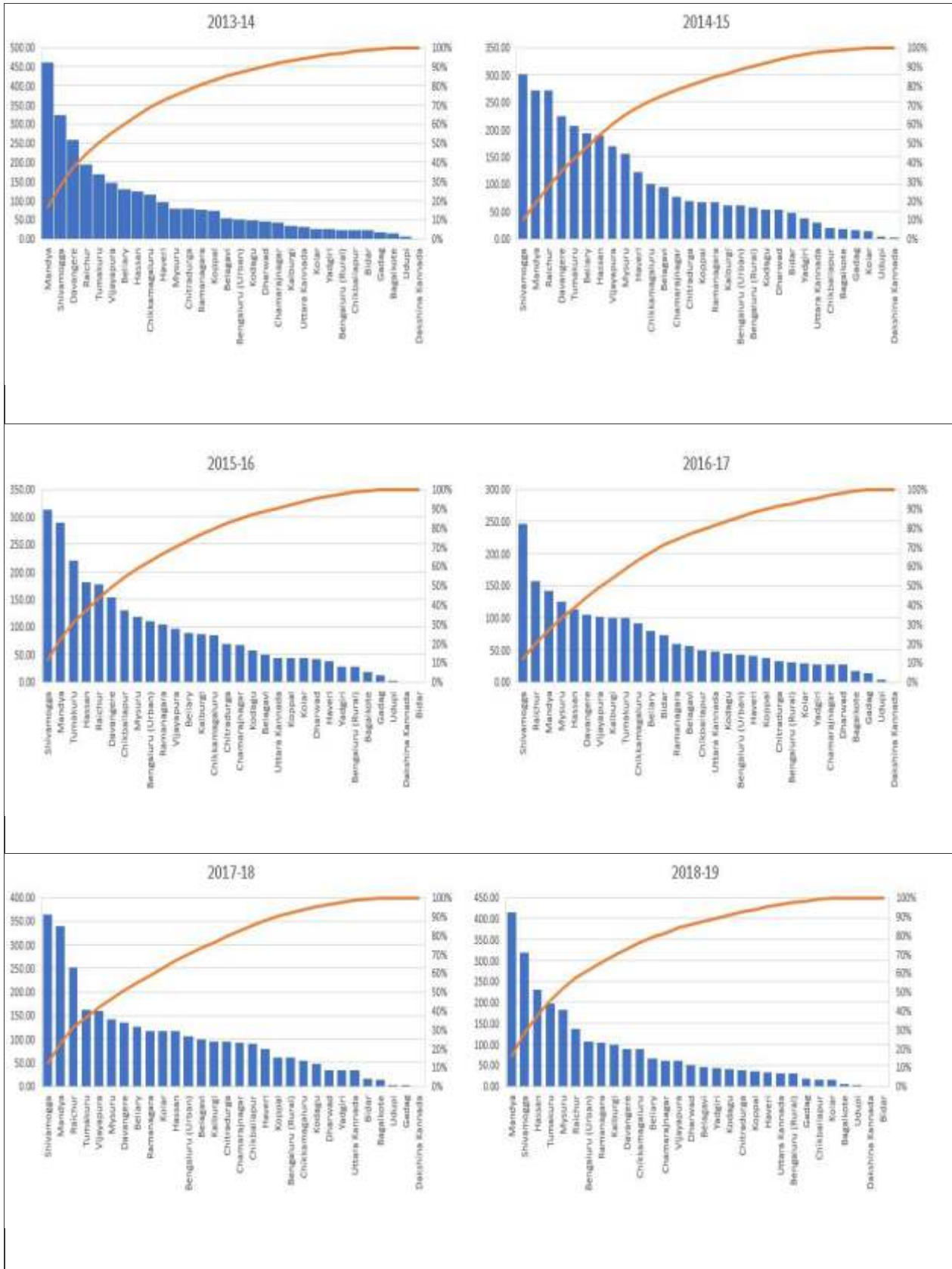
4.16. Details of fish seed stocked 2018-19

(Seed Stocked : in lakh fingerlings)

Sl. No.	District	Dept. Tanks		G.P Tanks		Private Ponds		Reservoirs		Total	
		No.	Seed Stocked	No.	Seed Stocked	ha	Seed Stocked	No.	Seed Stocked	No.	Seed Stocked
1	Bagalkote	26	3.69	31	1.99	8.50	0.95	0	0.00	57	6.63
2	Bengaluru (Rural)	50	25.29	57	4.98	4.15	0.69	0	0.00	107	30.96
3	Bengaluru (Urban)	135	77.43	100	27.15	26	1.62	2	2.50	237	108.70
4	Belagavi	113	27.54	30	8.73	23	6.72	5	3.00	148	45.99
5	Bellary	62	16.35	1	1.50	785	50.00	0	0.00	63	67.85
6	Bidar	74	0.00	0	0.00	0	0.00	0	0.00	74	0.00
7	Vijayapura	122	44.66	25	4.90	18	0.72	3	12.40	150	62.68
8	Chamarajnagar	80	55.94	10	4.97	4.01	2.26	0	0.00	90	63.17
9	Chikballapur	131	14.16	35	1.00	1.72	1.29	0	0.00	166	16.45
10	Chikmagalur	82	64.21	67	7.54	140	14.09	2	3.90	151	89.74
11	Chitradurga	72	34.93	18	2.65	14.80	0.70	0	0.00	90	38.28
12	Dakshina Kannada	0	0.00	10	0.50	3.50	1.25	0	0.00	10	1.75
13	Davangere	101	62.50	55	22.39	12.08	5.41	0	0.00	156	90.30
14	Dharwad	96	39.01	46	9.70	8.50	1.90	1	0.25	143	50.86
15	Gadag	20	19.50	1	0.10	0.5	0.18	0	0.00	21	19.78
16	Kalburgi	60	65.00	70	25.00	17	8.00	6	1.10	136	99.10
17	Hassan	84	156.95	157	54.52	163	16.88	3	2.00	244	230.35
18	Haveri	143	23.61	80	2.70	3	0.26	1	7.00	224	33.57
19	Kodagu	6	11.35	13	2.39	639.30	28.28	0	0.00	19	42.02
20	Kolar	88	14.40	2	0.40	3.32	0.46	0	0.00	90	15.26
21	Koppal	19	22.46	40	5.75	35.68	8.57	0	0.00	59	36.78
22	Mandya	173	248.60	84	43.58	5.02	65.76	4	58.84	261	416.78
23	Mysore	93	129.07	112	45.34	20.84	4.12	3	4.00	208	182.53
24	Raichur	64	66.75	5	2.00	586	69.00	0	0.00	69	137.75
25	Ramanagara	83	92.39	15	8.25	43	4.39	0	0.00	98	105.03
26	Shivamogga	422	238.27	546	67.65	34.01	14.60	0	0.00	968	320.52
27	Tumakuru	236	167.74	83	23.95	8.10	7.26	0	0.00	319	198.95
28	Udupi	4	2.10	5	0.50	3.70	1.00	0	0.00	9	3.60
29	Uttara Kannada	85	23.87	21	7.62	2.5	0.79	0	0.00	106	32.28
30	Yadgiri	67	20.00	15	21.90	3	1.25	0	0.00	82	43.15
Grand Total		2791	1767.77	1734	409.65	2617.23	318.4	30	94.99	4555	2590.81

4.17. District-wise ranking and pareto charts of fish seed stocked

(Fish seed stocked in lakh fingerlings)



4.18. Fish Seed production and Rearing:

In order to develop inland fisheries sector the much-needed infrastructure for producing required quantities of fish seed for stocking in tanks, ponds and reservoirs of the state, fish seed production and rearing farms and taluk-level nurseries were set up by the Department of Fisheries. At present, there are 17 fish seed production farms, 30 rearing farms under the control of the Department, Zilla panchayats and 60 Taluk level nurseries in the State. In order to meet the increased demand for fish seed, the Government has encouraged establishment of fish seed production and rearing farms in private sector by providing subsidy. The State requires about 56 crore fingerlings to develop all water resources for fish culture. During the year 2018-19 the fish seed production of the State was 6298 lakh fry which played a strategic role not only in increasing fish production but also in providing employment to rural folk. The fish produced by them provides livelihood or additional income to them.

4.19. Fish Seed Production for the period 2013-14 to 2018-19

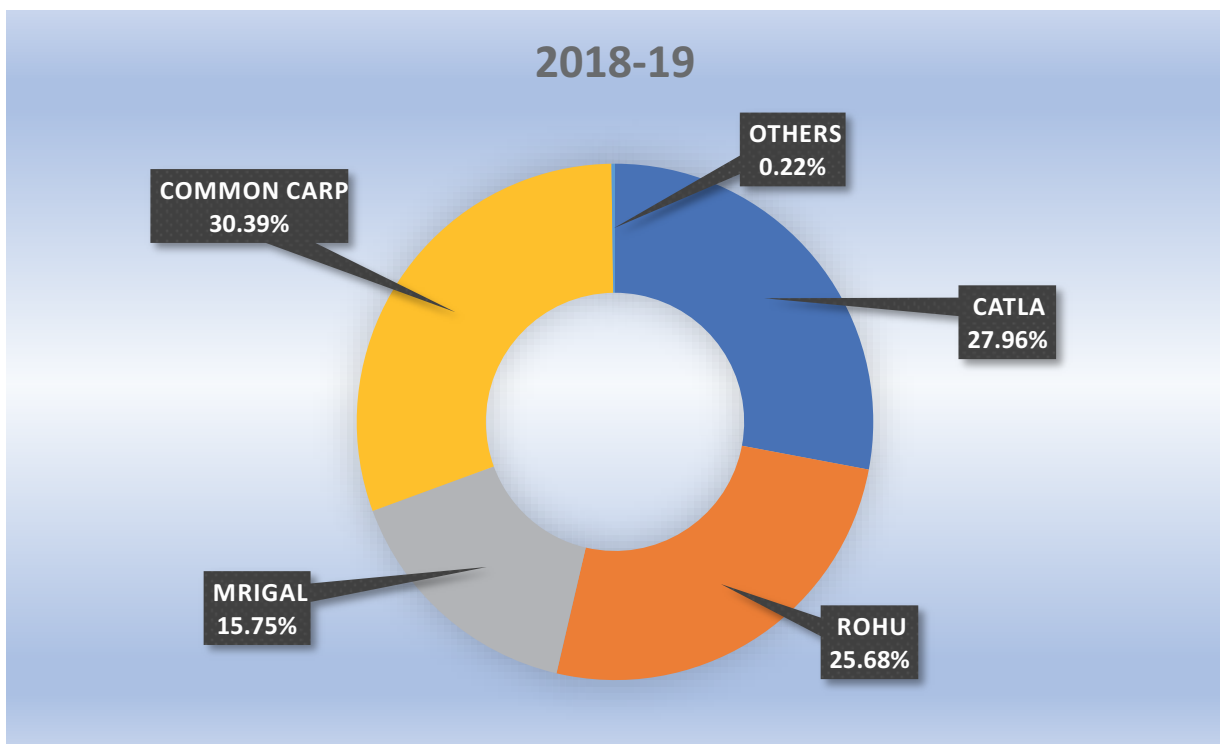
(in lakh fry)

YEAR	CATLA	ROHU	MRIGAL	COMMON CARP	OTHERS	TOTAL
<i>2013-14</i>	1348.52 27.14%	1332.99 26.83%	738.35 14.86%	1538.63 30.97%	9.51 0.19%	4968
<i>2014-15</i>	1429 26.96%	1510 28.49%	773 14.58%	1580 29.81%	8 0.15%	5300
<i>2015-16</i>	1462.41 24.72%	1455.37 24.60%	1330.65 22.50%	1661.55 28.09%	5.03 0.09%	5915
<i>2016-17</i>	1487.02 29.75%	1369.7 27.40%	375.19 7.51%	1750.18 35.01%	16.91 0.34%	4999
<i>2017-18</i>	1346.89 27.14%	1331.38 26.83%	737.46 14.86%	1536.77 30.97%	9.5 0.19%	4962
<i>2018-19</i>	1760.92 27.96%	1617.33 25.68%	991.94 15.75%	1913.96 30.39%	13.86 0.22%	6298

Fish Seed Production (Spawn, Fry, and Fingerlings in lakhs)

Year	Stage	CATLA	ROHU	MRIGAL	COMMON CARP	OTHERS	TOTAL
2016-17	Spawn	2974.00	2739.40	750.40	3500.40	33.80	9998.00
	Fry	1487.00	1369.70	375.20	1750.20	16.90	4999.00
	Fingerlings	743.50	684.90	187.60	875.10	8.50	2499.50
2017-18	Spawn	2693.80	2662.80	1474.90	3073.50	19.00	9924.00
	Fry	1346.90	1331.40	737.50	1536.80	9.50	4962.00
	Fingerlings	673.40	665.70	368.70	768.40	4.70	2481.00
2018-19	Spawn	3522.00	3234.60	1983.80	3828.00	27.60	12596.00
	Fry	1761.00	1617.30	991.90	1914.00	13.80	6298.00
	Fingerlings	880.50	808.70	496.00	957.00	6.90	3149.00

Fish seed production species composition during 2018-19



4.20. District-wise Fish Seed Production during 2017-18

(in lakh fry)

Sl. No.	District	Department	Zilla Panchayat	T.B.Dam	Private	Total
1	Bengaluru (U)	12.00	0.00	0.00	0.00	12.00
2	Belagavi	22.55	0.00	0.00	0.00	22.55
3	Bellary	0.00	0.00	251.95	982.00	1233.95
4	Chikballapur	35.00	0.00	0.00	0.00	35.00
5	Kodagu	0.00	6.78	0.00	0.00	6.78
6	Kolar	33.00	37.50	0.00	0.00	70.50
7	Koppal	405.00	0.00	0.00	0.00	405.00
8	Mandya	43.00	0.00	0.00	0.00	43.00
9	Mysore	493.50	62.00	0.00	0.00	555.50
10	Shivamogga	2393.00	125.00	0.00	0.00	2518.00
11	Tumakuru	60.50	0.00	0.00	0.00	60.50
	Total	3497.55	231.28	251.95	982.00	4962.78

4.21. District-wise Fish Seed Production during 2018-19

(in lakh fry)

Sl. No.	District	Department	Zilla Panchayat	T.B.Dam	Private	Total
1	Bengaluru (U)	23.00	0.00	0.00	0.00	23.00
2	Belagavi	16.00	0.00	0.00	0.00	16.00
3	Bellary	0.00	0.00	225.07	1261.50	1486.57
4	Chikballapur	16.00	0.00	0.00	0.00	16.00
5	Kodagu	0.00	18.20	0.00	0.00	18.20
6	Kolar	47.00	20.00	0.00	0.00	67.00
7	Koppal	280.50	0.00	0.00	0.00	280.50
8	Mandya	0.00	0.00	0.00	0.00	0.00
9	Mysore	755.50	46.50	0.00	0.00	802.00
10	Shivamogga	3346.00	156.75	0.00	0.00	3502.75
11	Tumakuru	86.00	0.00	0.00	0.00	86.00
	Total	4570.00	241.45	225.07	1261.50	6298.02
	% Change	+30.66%	+4.40%	-10.67%	+28.46%	+26.91%

4.22. Fish seed produced at different fish farms of the state

(Fry in lakhs)

S.No.	Name of the Fish Farm	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Department Fish Farms							
1	Heseragatta	31.00	27.00	30.00	23.00	12.00	23.00
2	Markonahalli	59.00	68.00	57.00	53.00	61.00	86.00
3	Shivpura	330.00	200.00	316.00	321.00	405.00	281.00
4	Bund breeding (B.R. Project)	1533.00	1902.00	1942.00	1620.00	1475.00	2119.00
5	National fish seed farm (B.R. Project)	1165.00	1241.00	1319.00	955.00	919.00	1227.00
6	Tippaganahalli	29.00	30.00	36.00	32.00	35.00	16.00
7	Markandeya	33.00	25.00	35.00	23.00	33.00	47.00
8	Nugu	0.00	0.00	47.00	182.00	229.00	356.00
10	Hosabudnuru	9.00	20.00	34.00	35.00	43.00	0.00
11	Kabini	135.00	165.00	281.00	274.00	250.00	400.00
12	Gundal	9.00	13.00	28.00	31.00	15.00	0.00
13	Hidkal	28.00	29.00	21.00	40.00	23.00	16.00
14	Kanva	13.00	0.00	0.00	0.00	0.00	0.00
Total (Department farms)		3373.00	3720.00	4146.00	3586.00	3498.00	4570.00
% Change			10.29%	11.45%	-13.51%	-2.45%	30.65%
Zilla Panchayat Farms							
15	Bethmangala	58.00	12.00	21.00	27.00	38.00	20.00
16	Kabini Industrial estate	42.00	34.00	50.00	51.00	62.00	47.00
17	Harangi	5.00	5.00	11.00	8.00	7.00	18.00
18	Gajanur	135.00	81.00	42.00	125.00	125.00	157.00
Total (Zilla Panchayat farms)		240.00	132.00	124.00	210.00	231.00	241.00
% Change			-45.00%	-6.06%	69.35%	10.00%	4.33%
Tungabhadra board							
19	T B board	330.00	284.00	233.00	228.00	252.00	225.00
% Change			-13.94%	-17.96%	-2.15%	10.53%	-10.71%
Private Farms							
20	Pragathi fish seed farm	650.00	347.00	633.00	730.00	8.00	579.00
21	Abhaya fish seed farm	360.00	796.00	780.00	245.00	974.00	683.00
22	Alanahalli fish seed farm	8.00	20.00	0.00	0.00	0.00	0.00
23	Durga fish seed farm	8.00	0.00	0.00	0.00	0.00	0.00
Total (Private farms)		1025.00	1163.00	1413.00	975.00	982.00	1262.00
% Change			13.46%	21.50%	-31.00%	0.72%	28.51%
Grand Total		4968.00	5300.00	5915.00	4999.00	4963.00	6298.00
% Change			6.68%	11.60%	-15.49%	-0.72%	26.90%

4.23. District wise details of Fish Farms

Sl. No.	District	No. of Farms			Total	WSA (ha)	Effective WSA (ha)	No of Ponds
		P&R	R	N				
Shivamogga Zone								
1	Chickmagaluru	0	2	5	7	1.14	0.67	89
2	Chitradurga	0	1	5	6	3.09	0.83	102
3	Davangere	0	2	3	5	3.03	0.34	87
4	Shivamogga	3	1	4	8	28.87	22.54	392
Mysuru Zone								
5	Kodagu	1	0	3	4	2.56	1.06	98
6	Chamarajanagar	1	0	1	2	1.87	1.87	75
7	Mandya	1	2	5	8	4.63	0.99	121
8	Mysuru	3	1	4	8	6.90	5.94	236
9	Hassan	0	3	5	8	2.18	1.20	118
Mangalore Zone								
10	Dakshina Kannada	0	0	1	1	0.06	0.06	10
11	Udupi	0	1	0	1	0.08	0.04	11
Bellary Zone								
12	Koppal	1	1	0	2	3.74	1.00	46
13	Kalburgi	0	2	0	2	0.40	0.40	18
14	Bellary	0	2	0	2	8.64	6.35	350
15	Bidar	0	1	1	2	0.07	0.00	16
16	Raichur	0	0	2	2	0.07	0.07	22
17	Yadgiri	0	1	0	1	0.24	0.24	35
Belagavi Zone								
18	Dharwad	0	1	0	1	0.20	0.18	11
19	Vijayapura	0	1	1	2	12.50	2.02	402
20	Belgavi	1	2	0	3	3.47	1.79	210
21	Bagalkote	0	0	1	1	0.08	0.06	10
22	Haveri	0	0	3	3	0.98	0.13	9
23	Gadag	0	0	0	0	0.00	0.00	0
Bengaluru Zone								
24	Kolar	2	0	2	4	1.57	0.99	90
25	Tumakuru	1	0	8	9	0.14	0.13	94
26	Bengaluru	1	0	1	2	0.44	0.42	48
27	Bengaluru Rural	0	0	2	2	0.06	0.01	8
28	Ramanagara	0	3	0	3	0.94	0.63	43
29	Chikkaballapura	1	2	1	4	1.54	0.93	85
Karwar Zone								
30	Uttara Kannada	0	1	2	3	8.49	5.65	34
Grand Total		16	30	60	106	97.98	56.55	2870

Note: P&R: Production and Rearing, R: Rearing, N: Nursery

5

FISHERMEN WELFARE



5. FISHERMEN WELFARE

5.1. District-wise fishermen population and active fishermen population during 2018-19

Sl. No.	District	Fishermen Population			Active Fishermen		
		Male	Female	Total	Male	Female	Total
1	Bangalore (U)	10468	2545	13013	2290	557	2846
2	Bangalore (R)	18650	14935	33585	4076	3267	7346
3	Bagalkote	10509	2989	13498	2299	654	2952
4	Belgaum	10806	3562	14368	2363	779	3143
5	Bellary	15245	6672	21917	3334	1459	4794
6	Bidar	25680	10200	35880	5617	2231	7848
7	Bijapur	13850	4560	18410	3029	997	4027
8	Chamarajanagar	9426	1850	11276	2062	405	2466
9	Chickmagalur	8450	4240	12690	1848	927	2776
10	Chitradurga	10814	5950	16764	2365	1301	3667
11	D. Kannada	34629	35282	69911	16186	16492	32678
12	Davanagere	15456	10564	26020	3380	2311	5691
13	Dharwad	10063	4200	14263	2201	919	3120
14	Gadag	6586	1050	7636	1440	230	1670
15	Gulbarga	3245	1055	4300	710	231	940
16	Hassan	13667	6150	19817	2989	1345	4334
17	Haveri	9899	1225	11124	2165	268	2433
18	Kodagu	486	95	581	106	21	127
19	Kolar	71527	33860	105387	15644	7406	23050
20	Koppal	18846	11800	30646	4122	2581	6703
21	Mandya	46800	30430	77230	10236	6656	16892
22	Mysore	12960	3300	16260	2835	722	3556
23	Raichur	12850	6565	19415	2811	1436	4246
24	Shimoga	18965	15296	34260	4148	3346	7493
25	Tumkur	17579	6820	24399	3845	1492	5336
26	Udupi	47877	63677	111554	22379	29764	52143
27	U. Kannada	81370	73975	155345	38034	34577	72611
28	Ramnagar	10635	7625	18260	2326	1668	3994
29	Chikkaballapur	8942	1010	9952	1956	221	2177
30	Yadagiri	17486	9028	26514	3824	1975	5799
	Total	593766	380510	974276	170624	126233	296857

5.2. District-wise Fishermen Co-operative Societies

(As on 31/03/2019)

Sl. No.	Name of the District	Total	No. of FCS Working	Defunct	No. of Members
1	Bangalore (U)	30	28	2	4910
2	Bangalore (R)	3	1	2	684
3	Tumkur	31	30	1	4966
4	Kolar	18	12	6	2090
5	Chikkaballapur	7	6	1	916
6	Ramnagar	22	19	3	3298
7	Mysore	49	40	9	5964
8	Chamarajanagar	24	18	6	4782
9	Mandya	44	43	1	11496
10	Hassan	16	16	0	3907
11	Kodagu	1	1	0	45
12	Dakshina Kannada	25	23	2	34180
13	Udupi	55	54	1	84525
14	Uttara Kannada	50	48	2	59401
15	Shimoga	11	10	1	3949
16	Chitradurga	11	6	5	1505
17	Davanagere	19	18	1	3728
18	Chickmagalur	7	7	0	3985
19	Bellary	21	19	2	3536
20	Gulbarga	24	20	4	1889
21	Raichur	25	23	2	3221
22	Bidar	24	16	3	1110
23	Koppal	13	13	0	2439
24	Belgaum	24	23	1	3401
25	Bijapur	24	22	2	5599
26	Bagalkote	21	20	1	5826
27	Dharwad	8	7	1	1047
28	Gadag	10	9	1	1283
29	Haveri	31	30	1	3496
30	Yadagiri	6	5	1	1143
	Total	654	592	62	2,68,321

5.3. District-wise funds received and disbursed under Saving-cum-Relief Scheme (C.S.S)

Period of contribution	District	No. of Beneficiaries	Contribution made by Beneficiaries	Contribution made by Govt.		
				Centre	State	Total
From Sept 2008 to April 2009	*Dakshina	10909	₹ 64,78,975.00	₹ 32,39,488.00	₹ 32,39,488.00	₹ 64,78,975.00
	Kannada					
	Uttara	6463	₹ 38,35,425.00	₹ 19,17,713.00	₹ 19,17,713.00	₹ 38,35,425.00
	Total	17372	₹ 1,03,14,400.00	₹ 51,57,201.00	₹ 51,57,201.00	₹ 1,03,14,400.00
From Sept 2009 to April 2010	*Dakshina	13987	₹ 83,92,200.00	₹ 83,92,200.00	₹ 83,92,200.00	₹ 1,67,84,400.00
	Kannada					
	Uttara	7079	₹ 42,47,400.00	₹ 42,47,400.00	₹ 42,47,400.00	₹ 84,94,800.00
	Total	21076	₹ 1,26,39,600.00	₹ 1,26,39,600.00	₹ 1,26,39,600.00	₹ 2,52,79,200.00
From Sept 2010 to April 2011	*Dakshina	16831	₹ 1,00,98,600.00	₹ 1,00,98,600.00	₹ 1,00,98,600.00	₹ 2,01,97,200.00
	Kannada					
	Uttara	8890	₹ 53,34,000.00	₹ 53,34,000.00	₹ 53,34,000.00	₹ 1,06,68,000.00
	Total	25721	₹ 1,54,32,600.00	₹ 1,54,32,600.00	₹ 1,54,32,600.00	₹ 3,08,65,200.00
From Sept 2011 to April 2012	*Dakshina	19552	₹ 1,16,99,560.00	₹ 1,16,99,560.00	₹ 1,16,99,560.00	₹ 2,33,99,120.00
	Kannada					
	Uttara	11671	₹ 68,86,275.00	₹ 68,86,275.00	₹ 68,86,275.00	₹ 1,37,72,550.00
	Total	31223	₹ 1,85,85,835.00	₹ 1,85,85,835.00	₹ 1,85,85,835.00	₹ 3,71,71,670.00
From Sept 2012 to April 2013	*Dakshina	21608	₹ 1,29,64,800.00	₹ 1,29,64,800.00	₹ 1,29,64,800.00	₹ 2,59,29,600.00
	Kannada					
	Uttara	11134	₹ 66,80,400.00	₹ 66,80,400.00	₹ 66,80,400.00	₹ 1,33,60,800.00
	Total	32742	₹ 1,96,45,200.00	₹ 1,96,45,200.00	₹ 1,96,45,200.00	₹ 3,92,90,400.00
From Sept 2013 to April 2014	*Dakshina	24389	₹ 1,45,86,510.00	₹ 1,45,86,510.00	₹ 1,35,73,490.00	₹ 2,81,60,000.00
	Kannada					
	Uttara	14659	₹ 87,20,875.00	₹ 87,20,490.00	₹ 81,19,510.00	₹ 1,68,40,000.00
	Total	39048	₹ 2,33,07,385.00	₹ 2,33,07,000.00	₹ 2,16,93,000.00	₹ 4,50,00,000.00
From Sept 2014 to April 2015	*Dakshina	29969	₹ 2,67,27,852.00	₹ 2,67,27,852.00	₹ 26,27,664.00	₹ 5,34,55,516.00
	Kannada					
	Uttara	11562	₹ 2,08,11,600.00	₹ 1,23,16,848.00	₹ 84,94,752.00	₹ 2,08,11,600.00
	Total	41531	₹ 4,75,39,452.00	₹ 3,90,44,700.00	₹ 3,52,22,416.00	₹ 7,42,67,116.00
From Sept 2015 to April 2016	Dakshina	5277	47,49,300	47,49,300	47,49,300	94,98,600
	Kannada	19105	17194500	17194500	17194500	34389000
	Uttara	11190	1,00,71,000.00	1,00,71,000.00	1,00,71,000.00	2,01,42,000.00
	Kannada					
	Total	₹ 35,572.00	₹ 3,20,14,800.00	₹ 3,20,14,800.00	₹ 3,20,14,800.00	₹ 6,40,29,600.00
From Sept 2016 to April 2017	Dakshina	3867	58,00,500.00	58,00,500.00	58,00,500.00	1,06,29,000.00
	Kannada	16536	2,48,04,000.00	2,48,04,000.00	2,48,04,000.00	4,96,08,000.00
	Udupi	12221	1,83,31,000.00	1,83,31,000.00	1,83,31,000.00	3,66,62,000.00
	Kannada					
	Total	₹ 32,624.00	₹ 4,89,35,500.00	₹ 4,89,35,500.00	₹ 4,89,35,500.00	₹ 9,68,99,000.00
From Sept 2017 to April 2018	*Dakshina	2733	40,99,500.00	40,99,500.00	40,99,500.00	81,99,000.00
	Kannada	13946	2,08,67,100.00	2,08,67,100.00	2,08,67,100.00	4,17,34,200.00
	Uttara	12932	1,93,98,000.00	1,93,98,000.00	1,93,98,000.00	3,87,96,000.00
	Total	₹ 29,611.00	₹ 4,43,64,600.00	₹ 4,43,64,600.00	₹ 4,43,64,600.00	₹ 8,87,29,200.00
From Sept 2018 to April 2019	*Dakshina	1690	25,35,000.00	25,35,000.00	25,35,000.00	50,70,000.00
	Kannada	10871	1,63,06,500.00	1,63,06,500.00	1,63,06,500.00	3,26,13,000.00
	Udupi	8779	1,31,68,000.00	1,31,68,000.00	1,31,68,000.00	2,63,36,000.00
	Kannada					
	Total	₹ 21,340.00	₹ 3,20,09,500.00	₹ 3,20,09,500.00	₹ 3,20,09,500.00	₹ 6,40,19,000.00

5.4. Group Accident Insurance for active fishermen

Year wise details of claims settled

Sl. No.	Year	Death	Disabled	Partially disabled	Amount Claimed	Remarks
1	2008-09	12			₹ 6,00,000.00	From 2001-02 the insurance claimed amount has been increased from Rs 35000 to Rs 50000
2	2009-10	25	-	-	₹ 12,50,000.00	From 2009-10 the insurance claims amount increased from Rs 50,000 to
3	2010-11	31	-	-	₹ 24,00,000.00	Rs 1,00,000 in case of death and Rs.25,000 to Rs. 50,000 in case of partial disability.
4	2011-12	56	-	-	₹ 43,11,250.00	
5	2012-13	38	-	-	₹ 37,00,000.00	
6	2013-14	32	-	-	₹ 31,00,000.00	
7	2014-15	38	-	-	₹ 37,00,000.00	The insurance claims amount increased from Rs. 1,00,000 to Rs 2,00,000 in case of death.
8	2015-16	23	-	-	₹ 26,00,000.00	
9	2016-17	49	-	-	₹ 93,00,000.00	
10	2017-18	10	-	-	₹ 20,00,000.00	
11	2018-19	09	-	-	₹ 18,00,000.00	

5.5. Details of Receipt and Payment under Distress Relief Fund

Sl. No.	Year	Deposit	No. of cases Relief Provided	Total Relief Amount
1	2008-09	₹ 28,98,725.00	175	₹ 55,03,350.00
2	2009-10	₹ 51,51,416.00	59	₹ 25,73,000.00
3	2010-11	₹ 75,16,771.00	183	₹ 48,68,246.00
4	2011-12	₹ 31,40,057.00	117	₹ 37,23,945.00
		₹ 75,00,000.00		
5	2012-13	₹ 7,03,150.00	108	₹ 36,66,000.00
		₹ 1,00,00,000.00		
6	2013-14	₹ 70,94,600.00	66	₹ 22,27,000.00
7	2014-15	₹ 1,15,95,958.00	75	₹ 49,02,569.00
8	2015-16	₹ 65,17,562.00	57	₹ 56,78,000.00
9	2016-17	₹ 81,75,235.00	94	₹ 1,56,65,000.00
10	2017-18	₹ 2,04,11,484.00	71	₹ 1,42,84,000.00
11	2018-19	₹ 2,78,61,905.00	82	₹ 1,50,47,000.00

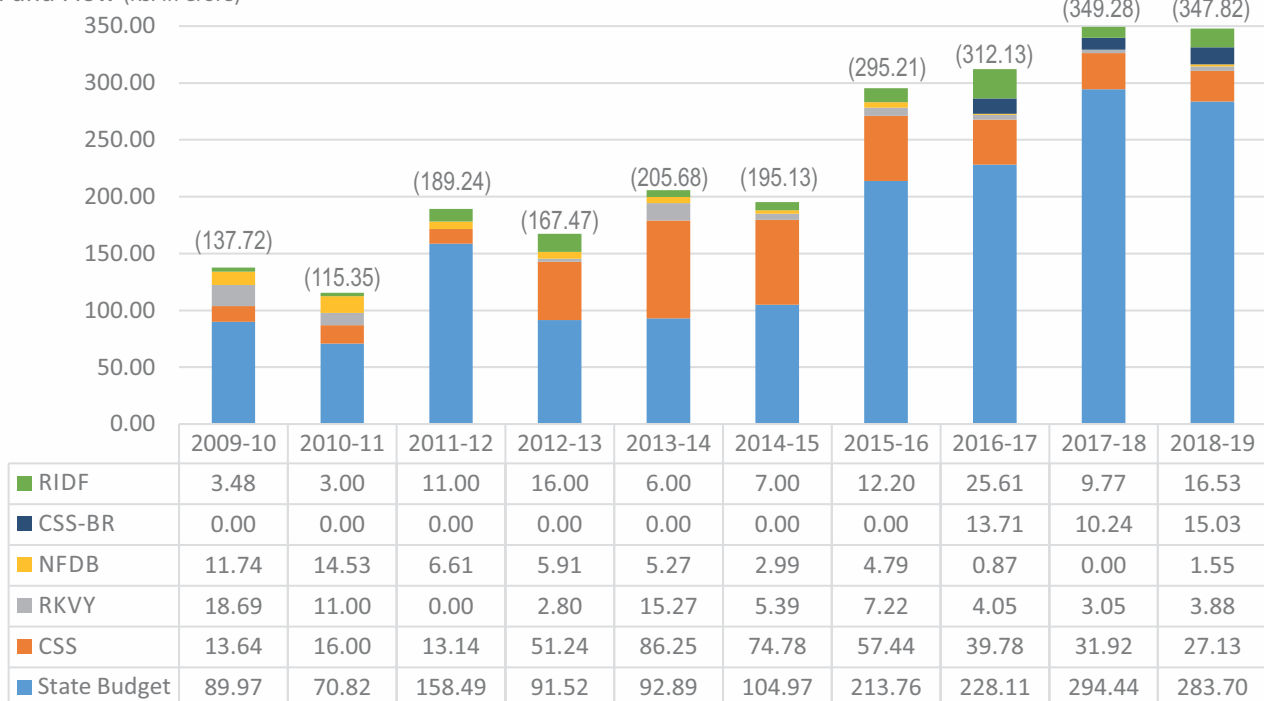
5.6. Matsyashraya: Fishermen Housing Scheme

Sl. No.	Details	Period of scheme	Released amount Rs in lakh	Sanctioned No. Of houses
Centrally Sponsored Scheme				
1	“Development of model villages”	1987-88 to 1997-98	1178.24	3,984
2	Matsyashraya Phase I	1998-99 to 2000-01	1500.00	5,000
3	Matsyashraya Phase II	2001-02 to 2003-04	1500.00	5,000
4	National Fishermen Welfare Scheme (CSS)	2008-09	400.00	1,000
5	Central Sector Scheme	2012-13	600.00	1,000
State Sector Scheme				
1	Matsyashraya Phase III Part I	2006-07	1064.00	2,660
2	Matsyashraya Phase III Part II	2007-08 & 2008-09	1336.00	2,340
3	Matsyashraya Phase IV	2009-10	2000.00	5,000
4	Matsyashraya Phase V	2011-12	960.00	1,600
5	Matsyashraya Phase VI	2012-13	240.00	400
6	Matsyashraya Phase VII	2013-14	1200.00	1,000
7	Matsyashraya Phase VIII	2014-15	3558.00	2,965
8	Matsyashraya Phase IX	2015-16	1936.60	1,441
9	Matsyashraya Phase X	2016-17	1441.28	4,715
10	Matsyashraya Phase XI	2017-18	2470.00	3,000

6

FINANCIAL STATEMENTS

Fund Flow (Rs. in Crore)



6. FINANCIAL STATEMENTS

6.1. Budget allocation

(Rs. in Lakh)

Sl. No.	Sector	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	State Sector (A)						
a)	State Share	10747.36	11018.22	21396.00	24369.06	27520.81	26638.77
b)	Central Share	8580.00	7425.00	5686.00	5290.99	4216.00	7076.82
	Total (A)	19327.36	18443.22	27082.00	29660.05	31736.81	33715.59
2	District /ZP Sector (B)						
a)	State Share	669.44	717.94	849.00	1003.00	2900.00	3384.00
b)	Central Share	44.60	53.10	58.00	58.00	0.00	0.00
	Total (B)	714.04	771.04	907.00	1061.00	2900.00	3384.00
	Grand Total	20041.40	19214.26	27989.00	30721.05	34636.81	37099.59

6.2. State Plan and Non-Plan (including Z.P.) - Budget provision and expenditure

(Rs. in Lakh)

Sl. No.	Year	Plan		Non-Plan		Total	
		Budget	Expenditure	Budget	Expenditure	Budget	Expenditure
1	1990-91	763.24	695.33	406.64	382.62	1169.88	1077.95
2	1991-92	864.55	607.82	480.22	467.52	1344.77	1075.34
3	1992-93	1943.55	936.74	572.61	648.26	2516.16	1585.00
4	1993-94	2027.66	843.65	642.11	605.09	2669.77	1448.74
5	1994-95	1924.76	1007.04	692.93	649.44	2617.69	1656.48
6	1995-96	1984.67	1376.31	740.59	714.49	2725.26	2090.80
7	1996-97	2373.88	1435.38	812.63	794.21	3186.51	2229.59
8	1997-98	2369.29	1863.72	906.34	867.23	3275.63	2730.95
9	1998-99	2378.40	2051.37	993.29	950.69	3371.69	3002.06
10	1999-2000	2067.74	1513.82	1126.79	1101.35	3194.53	2615.17
11	2000-01	1898.17	1569.08	1161.09	1107.09	3059.26	2676.17
12	2001-02	2012.17	1676.38	1643.36	1103.84	3655.83	2780.22
13	2002-03	1927.77	1535.43	1151.08	1128.37	3078.85	2663.80
14	2003-04	1677.01	1343.81	1150.21	994.87	2827.22	2338.68
15	2004-05	2590.81	2390.69	1102.28	995.10	3693.09	3385.79
16	2005-06	2653.07	2090.87	1112.10	1022.38	3765.17	3113.25
17	2006-07	4905.82	4277.59	1210.63	1146.84	6116.45	5424.43
18	2007-08	7246.39	3062.86	1555.86	1380.91	8802.25	4443.77
19	2008-09	7353.18	4638.34	1683.35	1507.04	9036.53	6145.38
20	2009-10	10176.25	7299.08	1614.95	1532.05	11791.20	8831.13
21	2010-11	8981.55	7111.50	1772.20	1711.77	10753.75	8823.27
22	2011-12	15981.48	11000.98	1834.28	2049.73	17815.76	13050.71
23	2012-13	15875.44	10146.18	2263.45	2594.91	18138.89	12741.09
24	2013-14	20041.40	14551.63	2867.86	2808.23	22909.26	17359.86
25	2014-15	19214.26	13469.90	2879.51	2750.08	22093.77	16219.98
26	2015-16	27989.00	18444.00	2838.00	2779.00	30827.00	21223.00
27	2016-17	30721.05	28055.84	2974.00	2883.85	33695.05	30939.69
28	2017-18	34638.81	32194.47	Plan and Non-Plan has been merged		34638.81	32194.47
29	2018-19	37099.59	36789.14			37099.59	36789.14

6.3. Scheme wise progress details for period 2013-14 to 2018-19

(Rs. in Lakh)

Sl. No.	Name of the program	2013-14			2014-15		
		Budget	Release	Expenditure	Budget	Release	Expenditure
	A. State sector						
1	Direction and administration	100.00	152.85	152.85	120.00	130.68	117.05
2	Assistance to Inland Fisheries	250.00	250.00	233.87	301.97	334.07	322.81
3	Inland Fisheries Statistics (CSS)	20.00	20.00	15.87	25.00	25.00	18.55
4	Assistance to fish seed purchase	30.00	30.00	12.42	50.00	50.00	41.90
5	Fish seed stocking in reservoirs	0.00	0.00	0.00	100.00	100.00	98.02
6	Supply of fibre glass coracle to Inland fishers	200.00	200.00	199.98	200.00	200.00	198.21
7	Blue revolution Integrated fisheries development and management	0.00	0.00	0.00	0.00	0.00	0.00
8	Unspent amount under SC and ST sub plan act 2013	0.00	0.00	0.00	0.00	0.00	0.00
9	Establishment of North Karnataka Inland Fisheries Development Centre	0.00	0.00	0.00	0.00	0.00	0.00
10	Fisheries Development under cluster mode	0.00	0.00	0.00	0.00	0.00	0.00
11	Fisheries harbours and landing centres development and management	245.00	245.00	234.98	250.00	250.00	240.26
12	Distress relief fund	50.00	50.00	50.00	50.00	50.00	50.00
13	Mathyashraya Scheme	1200.00	1200.00	1200.00	1200.00	1174.25	1143.39
14	Reimbursement of sales tax of diesel used by fishing crafts	0.00	0.00	0.00	0.00	0.00	0.00
15	Implementation of intermediate crafts (CSS)	0.00	0.00	0.00	0.00	0.00	0.00
16	Assistance to Fish marketing and construction of fish markets	25.00	25.00	19.12	30.00	30.00	29.08
17	Research, Extension, Exhibition and Training	40.93	40.00	39.24	100.00	89.32	77.81
18	Improvement and Mechanization of fishing crafts	0.00	0.00	0.00	0.00	0.00	0.00
19	Supply of fisheries requisite kits to fishers	370.00	370.00	368.38	400.00	400.00	399.94

(Rs. in Lakh)

Sl. No.	Name of the program	2013-14		2014-15			
		Budget	Release	Expenditure	Budget	Release	Expenditure
20	Assistance to electricity used by Ice plants	417.36	417.36	399.95	390.00	390.00	389.93
21	Fisher men welfare schemes						
a	Savings cum relief scheme	400.00	400.00	392.90	450.00	450.00	450.00
b	Construction of houses	150.00	150.00	125.47	150.00	150.00	118.28
c	Group Accident and Insurance scheme	25.00	25.00	24.00	26.25	52.00	52.00
22	Maintenance of coastal link roads	600.00	600.00	587.97	500.00	500.00	444.14
23	Reimbursement of difference amount of interest of Commercial banks	400.00	400.00	398.45	250.00	217.90	210.68
24	Fish Seed farms construction and development	0.00	0.00	0.00	0.00	0.00	0.00
25	Tribal Sub Plan	0.00	0.00	0.00	100.00	100.00	0.00
26	Rastriya Krishi Vikas Yojana	1720.00	1527.32	1527.32	1500.00	739.00	538.64
27	Fish eggs/Fish Farm Development	139.00	139.00	38.97	50.00	50.00	50.00
28	Special Component Plan				370.00	370.00	369.10
29	Assistance to purchase of life saving equipment	100.00	100.00	98.95	0.00	0.00	0.00
30	Construction of improved model of mechanized fishing craft	300.00	0.00	0.00	300.00	0.00	0.00
31	Distribution of water and soil quality testing kits	0.00	0.00	0.00	30.00	30.00	28.08
32	Providing fisheries related information through mobile advisories	0.00	0.00	0.00	100.00	100.00	100.00
33	Rebate of sales tax of diesel used by mechanized fishing vessels	10.00	0.00	0.00	0.00	0.00	0.00
34	Supply of Ice storage boxes to fisher women	210.07	120.07	118.03	0.00	0.00	0.00
Total: A		7002.36	6461.60	6238.72	7043.22	5982.22	5487.87
B. District sector							
1	District and other staff	0.00	0.00	0.00	0.00	0.00	0.00
2	Construction and maintenance of fisheries buildings and facilities	244.32	244.30	240.60	265.37	265.37	235.26
3	Assistance to Inland Fisheries Development	236.28	236.28	219.37	256.38	256.38	225.47

(Rs. in Lakh)

Sl. No.	Name of the program	2013-14		2014-15			
		Budget	Release	Expenditure	Budget	Release	Expenditure
4	Reconstruction of Fish markets and Assistance to purchase of fish marketing items	100.01	100.01	96.58	94.06	94.06	81.97
5	Exhibition and training	44.23	44.23	42.95	49.03	49.58	49.58
6	Motorization of traditional fishing craft (CSS)	89.20	0.00	0.00	106.20	89.20	88.33
Total: B		714.04	624.82	599.50	771.04	754.59	680.61
C. Works							
1	De-siltation of Fisheries harbours	400.00	400.00	379.89	1000.00	600.00	340.27
2	Construction of fishing harbours (CSS)	4350.00	4350.00	4349.57	5500.00	4266.00	4266.00
3	Construction of Fisheries jetties and fish landing centres	3200.00	2663.62	2663.62	2900.00	2400.00	2103.00
4	Unspent amount under SC and ST sub plan act 2013	0.00	0.00	0.00	0.00	0.00	0.00
5	Construction of fisheries link roads, bridges and jetties under NABARD assistance	600.00	600.00	320.33	2000.00	700.00	492.76
Total: C		8550.00	8013.62	7713.41	11400.00	7966.00	7202.03
A+B+C		16266.40	15100.04	14551.63	19214.26	14702.81	13370.51

(Rs in Lakh)

Sl. No.	Name of the program	2015-16			2016-17		
		Budget	Release	Expenditure	Budget	Release	Expenditure
A. State sector							
1	Direction and administration	150.00	180.86	160.53	150.00	169.94	132.53
2	Assistance to Inland Fisheries	439.00	439.00	371.91	322.00	343.00	315.81
3	Inland Fisheries Statistics (CSS)	31.00	24.27	20.61	30.00	0.00	0.00
4	Assistance to fish seed purchase	51.00	51.00	22.57	30.00	30.00	28.06
5	Fish seed stocking in reservoirs	200.00	200.00	166.92	102.00	102.00	98.36
6	Supply of fibre glass coracle to Inland fishers	100.00	100.00	98.16	50.00	50.00	46.60
7	Blue revolution Integrated fisheries development and management	0.00	0.00	0.00	1370.75	1370.75	403.65
8	Unspent amount under SC and ST sub plan act 2013	0.00	0.00	0.00	459.00	459.00	454.21

(Rs. in Lakh)

Sl. No.	Name of the program	2015-16			2016-17		
		Budget	Release	Expenditure	Budget	Release	Expenditure
9	Establishment of North Karnataka Inland Fisheries Development Centre	0.00	0.00	0.00	200.00	200.00	200.00
10	Fisheries Development under cluster mode	0.00	0.00	0.00	50.00	50.00	48.15
11	Fisheries harbours and landing centres development and management	150.00	150.00	123.33	110.00	100.00	112.81
12	Distress relief fund	50.00	50.00	50.00	25.00	25.00	25.00
13	Mathyashraya Scheme	1200.00	3685.00	3685.00	3225.00	2628.49	2628.49
14	Reimbursement of sales tax of diesel used by fishing crafts	10502.00	7846.75	6995.96	10050.00	12050.00	12047.82
15	Implementation of intermediate crafts (CSS)	50.00	0.00	0.00	50.00	499.79	499.79
16	Assistance to Fish marketing and construction of fish markets	30.00	42.38	41.88	30.00	59.49	59.00
17	Research, Extension, Exhibition and Training	301.00	252.27	210.36	662.50	286.83	90.39
18	Improvement and Mechanization of fishing crafts	0.00	0.00	0.00	0.00	0.00	0.00
19	Supply of fisheries requisite kits to fishers	200.00	200.00	199.20	103.00	203.00	202.87
20	Assistance to electricity used by Ice plants	400.00	400.00	399.28	400.00	634.73	634.46
21	Fishermen welfare schemes						
a	Savings cum relief scheme	811.00	780.89	0.00	731.00	761.45	747.67
b	Construction of houses	330.00	109.66	109.66	33.00	100.76	100.76
c	Group Accident and Insurance scheme	21.00	21.00	20.82	22.00	22.00	20.82
22	Maintenance of coastal link roads	500.00	800.00	598.03	400.00	400.00	400.00
23	Reimbursement of difference amount of interest of Commercial banks	250.00	125.00	46.35	100.00	696.51	696.51
24	Fish Seed farms construction and development	100.00	100.00	97.00	100.00	70.51	65.90
25	Tribal Sub Plan	0.00	0.00	0.00	40.00	40.00	39.32
26	Rastriya Krishi Vikas Yojana	0.00	0.00	0.00	0.00	0.00	0.00
27	Fish eggs/Fish Farm Development	0.00	0.00	0.00	0.00	0.00	0.00

(Rs. in Lakh)

Sl. No.	Name of the program	2015-16			2016-17		
		Budget	Release	Expenditure	Budget	Release	Expenditure
28	Special Component Plan	0.00	0.00	0.00	300.00	300.00	298.61
29	Assistance to purchase of life saving equipment	0.00	0.00	0.00	0.00	0.00	0.00
30	Construction of improved model of mechanized fishing craft	0.00	0.00	0.00	0.00	0.00	0.00
31	Distribution of water and soil quality testing kits	0.00	0.00	0.00	0.00	0.00	0.00
32	Providing fisheries related information through mobile advisories	0.00	0.00	0.00	0.00	0.00	0.00
33	Rebate of sales tax of diesel used by mechanized fishing vessels	0.00	0.00	0.00	0.00	0.00	0.00
34	Supply of Ice storage boxes to fisher women	0.00	0.00	0.00	0.00	0.00	0.00
Total: A		15866.00	15558.08	13417.57	19145.25	21653.25	20397.59
B. District sector							
1	District and other staff	0.00	0.00	0.00	0.00	0.00	0.00
2	Construction and maintenance of fisheries buildings and facilities	321.01	321.01	291.45	369.65	369.65	367.56
3	Assistance to Inland Fisheries Development	300.76	300.76	273.11	386.45	386.45	375.99
4	Reconstruction of Fish markets and Assistance to purchase of fish marketing items	112.00	112.00	106.38	123.80	123.80	122.88
5	Exhibition and training	57.23	57.23	54.85	65.10	65.10	64.05
6	Motorization of traditional fishing craft (CSS)	116.00	116.00	116.00	116.00	14.12	14.12
Total: B		907.00	907.00	841.79	1061.00	959.12	944.60
C. Works							
1	De-siltation of Fisheries harbours	1000.00	125.00	0.00	400.00	564.18	429.42
2	Construction of fishing harbours (CSS)	5000.00	666.66	266.66	2500.00	2133.33	2133.33
3	Construction of Fisheries jetties and fish landing centres	3002.00	2702.50	2702.40	2476.00	1418.00	1409.40
4	Unspent amount under SC and ST sub plan act 2013	0.00	0.00	0.00	185.00	185.00	185.00

Sl. No.	Name of the program	(Rs. in Lakh)					
		2015-16			2016-17		
		Budget	Release	Expenditure	Budget	Release	Expenditure
5	Construction of fisheries link roads, bridges and jetties under NABARD assistance	1014.00	1220.00	1216.50	2561.00	2561.00	2561.00
Total: C		10016.00	4714.16	4185.56	8122.00	6861.51	6718.15
A+B+C		26789.00	21179.24	18444.92	28328.25	29473.88	28060.34

Sl. No.	Name of the program	(Rs in Lakh)					
		2017-18			2018-19		
		Budget	Release	Expenditure	Budget	Release	Expenditure
A. State sector							
1	Direction and administration	1223.00	1315.87	1167.68	1146.00	1184.00	1338.71
2	Assistance to Inland Fisheries	1239.00	1585.99	1521.97	766.00	776.00	813.05
3	Inland Fisheries Statistics (CSS)	30.00	15.00	2.62	27.00	0.00	7.01
4	Assistance to fish seed purchase	30.00	30.00	29.33	10.00	10.00	9.95
5	Fish seed stocking in reservoirs	100.00	150.00	150.00	50.00	50.00	50.00
6	Supply of fibre glass coracle to Inland fishers	50.00	50.00	49.08	40.00	40.00	39.63
7	Blue revolution Integrated fisheries development and management	1172.00	1173.67	941.46	100.00	962.43	939.45
8	Unspent amount under SC and ST sub plan act 2013	1449.00	1449.00	1446.06	8.00	8.00	7.98
9	Establishment of North Karnataka Inland Fisheries Development Centre	100.00	75.00	0.00	1.00	0.75	0.75
10	Fisheries Development under cluster mode	50.00	50.00	48.93	20.00	20.00	19.88
11	Fisheries harbours and landing centres development and management	221.00	221.00	211.26	232.00	232.00	222.53
12	Distress relief fund	25.00	25.00	25.00	1.00	1.00	1.00
13	Mathyashraya Scheme	1500.00	1500.00	1500.00	400.00	400.00	400.00
14	Reimbursement of sales tax of diesel used by fishing crafts	15780.00	15330.00	14871.00	13500.00	15944.30	15770.25
15	Implementation of intermediate crafts (CSS)	0.00	0.00	0.00	0.00	0.00	0.00
16	Assistance to Fish marketing and construction of fish markets	180.00	180.00	109.23	150.00	150.00	149.87

Sl. No	Name of the program	(Rs. in Lakh)					
		2017-18			2018-19		
		Budget	Release	Expenditure	Budget	Release	Expenditure
17	Research, Extension, Exhibition and Training	170.00	170.00	146.61	167.00	167.00	160.40
18	Improvement and Mechanization of fishing crafts	12.00	12.00	5.21	11.00	8.25	7.43
19	Supply of fisheries requisite kits to fishers	100.00	100.00	99.54	300.00	300.00	299.38
20	Assistance to electricity used by Ice plants	625.00	625.00	623.36	400.00	493.50	493.30
21	Fisher men welfare schemes						
a	Savings cum relief scheme	980.00	0.00	0.00	1.00	923.46	866.69
b	Construction of houses	110.00	110.00	61.03	0.00	0.00	0.00
c	Group Accident and Insurance scheme	22.00	22.00	2.94	13.00	13.00	12.28
22	Maintenance of coastal link roads	513.00	513.00	513.00	300.00	300.00	299.94
23	Reimbursement of difference amount of interest of Commercial banks	300.00	1345.00	1345.14	500.00	500.00	462.00
24	Fish Seed farms construction and development	0.00	0.00	0.00	0.00	0.00	0.00
25	Tribal Sub Plan	87.00	87.00	86.57	103.00	103.00	102.98
26	Rastriya Krishi Vikas Yojana	0.00	0.00	0.00	0.00	0.00	0.00
27	Fish eggs/Fish Farm Development	0.00	0.00	0.00	0.00	0.00	0.00
28	Special Component Plan	0.00	0.00	0.00	0.00	0.00	0.00
29	Assistance to purchase of life saving equipment	0.00	0.00	0.00	0.00	0.00	0.00
30	Construction of improved model of mechanized fishing craft	0.00	0.00	0.00	0.00	0.00	0.00
31	Distribution of water and soil quality testing kits	0.00	0.00	0.00	0.00	0.00	0.00
32	Providing fisheries related information through mobile advisories	0.00	0.00	0.00	0.00	0.00	0.00
33	Rebate of sales tax of diesel used by mechanized fishing vessels	0.00	0.00	0.00	0.00	0.00	0.00
34	Supply of Ice storage boxes to fisher women	0.00	0.00	0.00	0.00	0.00	0.00
35	Supply of Kerosine to Conventional Boats	0.00	0.00	0.00	0.00	857.98	857.98
Total: A		26068.00	26134.53	24957.02	18541.00	23444.67	23332.43

(Rs. in Lakh)

Sl. No	Name of the program	2017-18		2018-19			
		Budget	Release	Expenditure	Budget	Release	Expenditure
	B. District sector						
1	District and other staff	1823.00	1823.00	1664.98	2142.00	2440.03	2291.20
2	Construction and maintenance of fisheries buildings and facilities	390.15	390.15	369.87	418.00	417.99	413.10
3	Assistance to Inland Fisheries Development	461.95	461.95	441.38	575.30	575.06	526.46
4	Reconstruction of Fish markets and Assistance to purchase of fish marketing items	145.10	145.10	142.48	157.50	157.48	155.20
5	Exhibition and training	79.80	79.80	77.12	91.20	90.66	88.82
6	Motorization of traditional fishing craft (CSS)	0.00	0.00	0.00	0.00	0.00	0.00
	Total: B	2900.00	2900.00	2695.83	3384	3681.22	3474.78
	C. Works						
1	De-siltation of Fisheries harbours	400.00	320.40	224.35	1.00	0.00	0.00
2	Construction of fishing harbours (CSS)	1677.00	995.75	995.75	1.00	7074.92	7074.00
3	Construction of Fisheries jetties and fish landing centres	2000.00	2349.67	2349.67	1254.00	1254.00	1254.00
4	Unspent amount under SC and ST sub plan act 2013	0.00	0.00	0.00	0.00	0.00	0.00
5	Construction of fisheries link roads, bridges and jetties under NABARD assistance	645.00	976.58	971.74	1653.00	1653.00	1653.00
	Total: C	4722.00	4642.40	4541.51	2909.00	9981.92	9981.92
	A+B+C	33690.00	33676.93	32194.36	24834.00	37107.81	36789.12

6.4. Grants released by GOI under Central Sector and Centrally Sponsored Schemes (Rs. in Lakh)

Sl. No.	Name of the Scheme	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	TOTAL
<i>1</i>	Strengthening of database and geographical information system for fisheries sector	13.93	24.27	-	-	-	-	38.20
<i>2</i>	National Scheme of Welfare of fishermen							
<i>a</i>	Savings-cum-relief scheme for coastal fishermen	196.45	233.08	390.45	-	941.00	-	1760.98
<i>b</i>	Development of Model Fishermen Villages	--	-	-	-	-	-	0.00
<i>c</i>	Fishermen Group Accident Insurance Scheme	-	-	-	-	-	-	0.00
	TOTAL Sl.No 2	196.45	233.08	390.45	0.00	941.00	0.00	1760.98
<i>3</i>	2405-00-800-0-22 Rashtriya Krishi Vikasa Yojana	1520.00	739.00	722.00	282.00	183.00	322.00	3768.00
<i>4</i>	Development of marine fisheries, infrastructure and post harvest operations.							
<i>a</i>	Introduction of intermediate crafts	-	-	-	499.79	-	-	499.79
<i>b</i>	Motorisation of Traditional Fishing crafts		44.60	58.00	-	-	-	102.60
<i>c</i>	Construction of Fishing Harbour							
	i) Development works of Mangalore fishing harbour 3rd Stage	300.00	200.00	100.00	-	200.00	1510.00	2310.00
	ii) Development works of Malpe fishing harbour 3rd Stage	200.00	200.00	500.00	793.75	0.00	-	1693.75
	iii) Development works at Honnavar fishing harbour	-	300.00	500.00	300.00	0.00	-	1100.00
	iv) Breakwater at Gangolli fishing harbour	300.00	-	-	1000.00	2000.00	2200.00	5500.00
	Total c	800.00	700.00	1100.00	2093.75	2200.00	3710.00	10603.75

Sl. No.	Name of the Scheme	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	TOTAL
<i>d</i>	Construction of jetties and landing centres	-	-	-	-	-	-	-
<i>e</i>	Dredging, Navigation and other works	-	-	-	-	-	-	-
	i) Dredging work in the channel and wharf of Hangarakatte, Kodibengre and Bhatkal	-	-	-	-	-	-	-
	ii) Dredging work in Mangalore fishing harbour and Kandattapalli	-	-	-	-	-	-	-
	iii) Dredging work in Udyavara river near Malpe fishing harbour in Udupi	-	-	125.00	-	-	-	125.00
	iv) Kodikanyana Belikeri and Malpe basin	-	100.00	-	-	100.00	-	200.00
	Total e	-	100.00	125.00	-	100.00	0.00	325.00
<i>f</i>	Renovation of fishing harbour and landing centres							
	i) Amdalli fishing harbour	-	-	200.00	206.25	262.25	-	668.50
	ii) Other work							
	Total f	0.00	0.00	200.00	206.25	262.25	0.00	668.50
<i>g</i>	Safety of fishermen at Sea	-	-	-	-	-	-	0.00
<i>h</i>	Remission of central Excise Duty on HSD used by mechanised fishing boats	-	-	-	-	-	-	-
	TOTAL SL.NO 4	800.00	844.60	1483.00	2799.79	2562.25	0.00	8489.64
5	Blue Revolution Schemes	-	-	-	1370.75	123.94	862.43	1494.69
	GRAND TOTAL	2530.38	1840.95	2595.45	4452.54	3810.19	1184.43	15551.51

6.5. RKVY- Grants Released for Fisheries Projects 2013-14 to 2018-19 (Rs. in Lakhs)

Sl. No.	Year and Project	Implementing Agency	Amount Released
	2013-14		
1	Reservoir Fisheries Development	Dept of Fisheries	200.00
2	Construction of net mending sheds	Dept of Fisheries through Port department	100.00
3	Construction of break waters		500.00
	Total		800.00
	2014-15		
1	Reservoir Fisheries Development	Dept of Fisheries	100.00
2	Assistance for SC and ST fishermen	Dept of Fisheries	439.00
3	Upgradation of fish seed production farms	KRIDL	200.00
	Total		739.00
	2015-16		
1	Cage culture in reservoirs	Dept of Fisheries	90.00
2	Expansion and modernisation of fish marketing network	KFDC, Mangalore	100.00
3	Integrated Aquaculture Development for fish farmers in cluster mode	Dept of Fisheries	55.00
4	Special Development Plan	Dept of Fisheries	52.00
5	Upgradation of fish seed production farms in Karnataka	KRIDL	400.00
6	Quality seed production of important cultivable fish species	Department of Fisheries/ CIFA/ KVAFSU (FRIC)	25.00
	Total		722.00
	2016-17		
1	Integrated Aquaculture Development for fish farmers in cluster mode	Dept of Fisheries	40.00
2	Expansion and Modernization of fish marketing network	KFDC	10.00
3	Up-gradation of fish seed production and rearing farm	KRIDL	60.00
4	Special Development Plan	Dept of Fisheries	40.00
5	Stocking of reservoirs	Dept of Fisheries	50.00
6	Assistance for increase in fish production	Dept of Fisheries	51.00
7	Production of quality fish seed through Genetic improvement and brood fish feed manipulation	Department of Fisheries/ CIFA/ KVAFSU (FRIC)	31.00
	Total		282.00

(Rs. in Lakh)

Sl. No.	Year and Project	Implementing Agency	Amount Released
	2017 -18		
1	Upgradation of Fish Seed Production Farms in Karnataka	KRIDL	39.98
2	Reservoir Fisheries Development through Stocking of fish fingerlings	Dept of Fisheries	37.22
3	Assistance for supply of fishery requisites to fishermen for increasing the fish production	Dept of Fisheries	197.10
4	Demonstration of utilization of saline, alkaline and waterlogged areas for fish culture in Cauvery, Tungabhadra and Krishna command areas	KVAFSU, Bidar (FRIC, Hebbal)	27.68
	Total		301.98
	2018 -19		
1	Upgradation of Fish Seed Production Farms in Karnataka	KRIDL	261.000
2	Assistance for supply of fishery requisites to fishermen for increasing the fish production	Dept of Fisheries	127.00
	Total		388.00

6.6. RIDF-Grants Released for Fisheries Projects 2013-14 to 2018-19

(Rs. in Lakhs)

Tranche	District	Taluk	Name of Project	Project Cost	NABARD loan Sanctioned	Expenditure incurred	RIDF Loan disbursed	Status
2013-14								
19	Uttar Kannada	Kumta	Construction of minor fishing jetty at Hegadeambigarkeri	85.00	80.75	89.09	80.45	Completed
19	Uttar Kannada	Ankola	Construction of fish landing jetty at Harwada	300.00	285.00	301.19	284.70	Completed
19	Uttar Kannada	Kumta	Construction of minor fishing jetty at Kimani	115.00	109.25	124.44	109.24	Completed
19	Dakshina Kannada	Mangalore	Construction of Idle berthing jetty at Bolor bokkapatna near Sultan Batteryfish landing jetty at Harwada	500.00	475.00	340.37	323.36	Completed
19	Dakshina Kannada	Mangalore	Extn. of fisheries jetty at Kotepura in Ullala	350.00	332.50	309.47	294.00	Completed
	RIDF-19			1350.00	1282.50	1164.56	1091.75	
2014-15								
20	Udupi	Udupi	Improvements to selected reaches of Thenka Fisheries road in Kaup constituency	15.00	12.00	14.69	11.75	Completed
20	Udupi	Udupi	Improvements to road from new Marigude (NH) to Garadi in Kaup constituency	15.00	12.00	13.67	10.94	Completed
20	Udupi	Udupi	Improvements to road from NH near Laxmijanardhana temple to sea parallel road, Narayana guru road Junction in Kaup constituency	20.00	16.00	14.81	11.85	Completed
20	Udupi	Udupi	Improvements to road from Kadipatna Rehaman's House to Nadipatna Bhajana Mundhir in Kaup constituency	10.00	8.00	7.22	5.78	Completed
20	Udupi	Udupi	Improvements to road from Pangala church Kaipunjal at Uliyaroli in Kaup constituency	25.00	20.00	24.75	19.80	Completed
20	Udupi	Udupi	Improvements to Fisheries road from Hejmade Kodi School to Nadikuduru Jarandaya Temple at Hemjadi in Kaup constituency	20.00	16.00	19.66	15.73	Completed

(Rs. in Lakh)

Tranche	District	Taluk	Name of Project	Project Cost	NABARD loan Sanctioned	Expenditure incurred	RIDF Loan disbursed	Status
20	Udupi	Udupi	Improvements to Kote Kamanu Fisheries road at Kote in Kaup constituency	10.00	8.00	7.26	5.81	Completed
20	Udupi	Udupi	Improvements to Fishries road at Padumagudde to Appi Kanchan's House at Katpadi in Kaup constituency	15.00	12.00	13.81	11.05	Completed
20	Uttar Kannada	Bhatkal	Extension of Murudeshwara Bengre Beach road	300.00	240.00	287.43	229.95	Completed
20	Udupi	Udupi	Improvements by concreting road from Kadike Gujjarabettyu Hoode from KM 3.40 to 5.30	180.00	144.00	178.37	142.70	Completed
20	Udupi	Kundapura	Improvements to Road from Tarapathi Model School to Alivekodi in Paduvari village	100.00	80.00	99.76	79.80	Completed
20	Dakshina Kannada	Mangalore	Construction of Approach road from Kandige of Chelaiyur Grama Panchayath	76.00	60.80	69.84	55.86	Completed
20	Dakshina Kannada	Mangalore	Construction of road from Hoigegudde Temple of Padupanmbur Grama Panchayat to Kadavina Bagilu	200.00	160.00	213.98	160.00	Completed
20	Udupi	Kundaure	Improvements to Kodikanyana Kodi tale road Km .9 to 31	37.00	29.60	36.88	29.50	Completed
20	Udupi	Kundapura	Improvements to Manoor Padukere road at Km 6.8 to 7.4 (Chatrabttu)	50.00	40.00	49.30	39.44	Completed
20	Udupi	Kundapura	Improvement to Sastana Kodikanyana to Kota Padukere Road at Km 2.4 to 3.6	70.00	56.00	54.82	43.86	Completed
20	Udupi	Kundapura	Improvements to Manoor Padukere to Kundapura Kodi road at Km 2.95 to 4.6 (Mahakali Temple)	40.00	32.00	37.76	30.21	Completed
20	Udupi	Udupi	Construction of Bridge at K M 1.4 of Malpe Thottam Fisheries road	35.00	28.00	33.94	27.15	Completed
20	Udupi	Kundapura	Construction of Bridge at Madikal in Uppundha village	15.00	12.00	13.12	10.49	Completed
20	Dakshina Kannada	Managlore	Construction of Bridge from Kandige of Chelaiyur Grama Panchayat to Mukka	74.00	59.20	97.24	59.20	Completed

(Rs. in Lakh)

Tranche	District	Taluk	Name of Project	Project Cost	NABARD loan Sanctioned	Expenditure incurred	RIDF Loan disbursed	Status
20	Uttar Kannada	Bhatkal	Extension of Jety (Quay) at Bhatkal Fishery Harbour in Bhatkal	498.00	473.10	495.73	470.95	Completed
20	Uttar Kannada	Karwar	Extension of Fish Jetty (Fisheries Wharf) at Baitkhol towards South	498.00	473.10	220.58	209.54	Completed
20	Dakshina Kannada	Mangalore	Construction of Fish Jetty at Munda Sasihithlu near Mulki	450.00	427.50	450.28	427.50	Completed
20	Koppal	Koppal	Construction of 14 Earthen Fish Ponds, Packing Shed, Water Supply and Drainage Works to Shivapura Fish Farm	105.00	99.75	89.81	85.32	Completed
	RIDF -20			2858.00	2519.05	2544.71	2194.18	
2015-16								
21	Dakshina Kannada	Mangaluru	Construction of Road connecting from Moilottu of Athikari bettu Grama Panchayath to Karnire of Balkunje Grama Panchayath via Deppuniguthu	150.00	120.00	142.23	113.79	Completed
21	Udupi	Udupi	Improvements to road from Pangala Church to Kaipunjalu Fisheries	60.00	48.00	41.41	33.13	Completed
21	Udupi	Udupi	Construction of bridge at Hejamadi Nadipatna approach fisheries road	80.00	64.00	75.1	60.07	Completed
	RIDF -21			290.00	232.00	258.74	206.99	
2016-17								
22	Udupi	Kundapura	Construction of Hygine Fish market at Sasthan	200.00	190.00	150.00	129.55	Completed
22	Shimoga	Sagar	Construction of Hygine Fish market at Sagar	240.00	228.00	160.39	90.26	Ongoing
22	Chikmagalur	N.R.Pura	Construction of Hygine Fish market at N.R.PURA	63.00	59.85	44.60	42.37	Ongoing
22	Shimoga	Bhadravathi	Construction of Training center building at seed production center at B R Project in Bhadravathi	112.50	106.88	91.99	49.37	Ongoing
22	Bijapur	Muddebihal	Repairs to fish pond ,construction of coumpound wall,fencing and yard lighting at Naraynapur	65.00	61.75	65.00	61.75	Completed
22	Mysore	H.D.Kote	Conversion of earthen Ponds to Masonry Ponds at Tribal Training centre at Kabini Fish Farm At H.D.Kote	50.00	47.50	50.00	47.07	Completed

(Rs. in Lakh)

Tranche	District	Taluk	Name of Project	Project Cost	NABARD loan Sanctioned	Expenditure incurred	RIDF Loan disbursed	Status
22	Uttar Kannada	Bhatkal	Construction of Minor Fish Landing center at Belke in Bhatkal	240.00	228.00	51.09	48.53	Ongoing
22	Udupi	Kundapura	Reconstruction of Jetty Shiroor Alvegade at Kundapura	280.00	266.00	313.29	266.00	Completed
22	Uttar Kannada	Kumta	Construction of minor Fishing Jetty at Shashihitlu	100.00	95.00	85.75	81.47	Completed
22	Udupi	Udupi	Construction of Idle Berthing Jetty at Bobbarya Pade	200.00	190.00	235.69	190.00	Completed
22	Shimoga	Bhardravati	Construction of Asphalt Road,Bridge,Slab Culvert.Reconstruction of pond and constructiion of RCC BOX Drainage at seed production cnetre B.R.Project	184.00	147.20	184.00	147.20	Completed
	RIDF -22			1734.50	1620.18	1431.80	1153.57	
2017-18								
23	Dakshina Kannada	Mangalore	Improvement of road connecting Kalapayya Fisheries road to Chitrapura -Hosabettu - Surathkal light house sea shore road in Managalore	87.00	69.60	76.55	54.59	Ongoing
23	Dakshina Kannada	Mangalore	Improvement to road connecting U B Rama Roa Road to Mulki-Panjinadka Main road via Kolekkadi-Uppikala of Athikari bettu GP	153.00	122.40	153.00	116.17	Completed
23	Dakshina Kannada	Mangalore	Improvement of Haleyangadi Kuluvail road in Haleyangadi GP limit	60.00	48.00	60.00	45.48	Completed
23	Udupi	Udupi	Construction of Fish Jetty for berthing of boats at Padukere side in Udyavara river of Udupi Taluk and District	960.00	912.00	3.84	0.00	Ongoing
23	Udupi	Udupi	Construction of Finger Jetty at Kodikanyana in Udupi Taluk and District (Extension)	200.00	190.00	1.97	1.67	Ongoing
23	Udupi	Udupi	Extension of Fishing Jetty at Kodi Bengre in Udupi Taluk and District	270.00	256.50	150.96	52.82	Ongoing
23	Udupi	Kundapura	Improvements to road from Thrasi to Ambedkar Colony at Upper	160.00	128.00	160.00	128.00	Completed

(Rs. in Lakh)

Tranche	District	Taluk	Name of Project	Project Cost	NABARD loan Sanctioned	Expenditure incurred	RIDF Loan disbursed	Status
			Gangolli including Kanchagodu Kodapadi road					
23	Udupi	Udupi	Improvements to road from Hejamd to Nadipatna Sea Parallel road in Udupi Taluk and District	100.00	80.00	81.70	65.36	Ongoing
23	Udupi	Kundapura	Improvements to the Madikal Karkikali Fisheries Road in Kundapura Taluk and UDUPI District	100.00	80.00	96.73	69.73	Completed
23	Udupi	Kundapura	Improvements to the Fisheries Roads connecting Shiroor Alvegadde harbour in Shiroor village Kundapura Taluka	80.00	64.00	79.81	63.85	Completed
	RIDF-23			2170.00	1950.50	864.56	597.67	
2018-19								
24	Udupi	UDUPI	Extension of Jetty near Bobbarya pade in Udupi taluk and district	130.00	123.50	0.60	0.00	Ongoing
24	Mandya	MANDYA	Restoration and construction of Fish Seed ponds in Gopalapura Fish Farm in Mandya	91.00	86.45	0.00	0.00	to be dropped
24	Mysore	H.D. KOTE	Conversion of 15 Earthen Ponds to Masonry Ponds in Nugu Fish Farm at H.D. Kote taluk	188.00	178.60	138.00	118.43	Ongoing
24	Mysore	H.D. KOTE	Conversion of 10 Earthen Ponds to Masonry Ponds in Kabini Fish Farm at H.D. Kote taluk	189.50	180.03	28.42	27.76	Ongoing
24	Koppal	KOPPAL	Construction of RCC Lining to fish ponds, fencing, main water supply and hatchery construction Road and Drainage works to Shivapura fish farm in Koppal taluk and district.	340.00	323.00	0.00	0.00	Yet to be start
24	Kodagu	SOMWARPET	Restoration of Existing Fish ponds in Harangi fish Farm at Somwarpet taluk	200.00	190.00	150.00	43.05	Ongoing
24	Chikmagalur	TARIKERE	Construction of RCC Lining to Earthen ponds No.s 01 to 12 at Menasinhally fish farm in Tarikere taluk	100.00	95.00	0.00	0.00	Ongoing

(Rs. in Lakh)

Tranche	District	Taluk	Name of Project	Project Cost	NABARD loan Sanctioned	Expenditure incurred	RIDF Loan disbursed	Status
24	Bijapur	MUDDEBIHAL	Construction of RCC Lining to Breeding Ponds, RCC Drainage works to Narayanapura fish Farm at Muddebihal taluk Bijapur	300.00	285.00	0.00	0.00	Yet to be taken up
24	Shimoga	BHADRAVATHI	Development work of Fish Farm at B.R. Project in Bhadravathi taluk	100.00	95.00	0.00	0.00	Yet to be start
24	Bijapur	INDI	Construction of Hygenic Fish Market at Indi	100.00	95.00	0.00	0.00	Yet to be start
24	Udupi	UDUPI	Construction of Hygenic Fish Market at Udupi	100.00	95.00	0.00	0.00	Yet to be start
24	Bellary	SHIRUGUPPA	Construction of Hygenic Fish Market at Siruguppa	100.00	95.00	0.00	0.00	Yet to be start
24	Raichur	SINDHANUR	Construction of Hygenic Fish Market at Sindhanur	100.00	95.00	0.00	0.00	Yet to be start
24	Yadgir	YADGIR	Construction of Hygenic Fish Market at Yadagiri	100.00	95.00	0.00	0.00	Yet to be start
24	Dhakshina Kannada	MANGALORE	Construction of Naadadoni thangudana for landing of Traditional fishing boats in Thota bengre of Mangalore taluk	337.00	320.15	2.00	0.00	Tender Process
24	Udupi	KUNDAPURA	Construction of Auction Hall at Hangarkatte Udupi taluk	101.00	95.95	6.98	0.45	Ongoing
	RIDF -24			2576.50	2447.68	326.00	189.69	

6.7. Blue Revolution (BR): Funds released, Physical and Financial Progress during 2016-17
(Rs. in Lakh)

Sl. No.	Item	Quantity/ units	Total Project cost	GOI share released for 2016-17	Amount reallocated	Progress till end of March 2019	
						Physical	Financial
1	Construction of new ponds/tanks (ha)	60	420.00	210.00	175.00	54	194.94
2	Fish seed rearing units (ha)	10	60.00	30.00	16.00		
5	Input cost for seed rearing (ha)	10	15.00	7.50	4.00		
4	Input cost for freshwater fish culture (ha)	70	105.00	52.50	37.50	37	37.48
3	Integrated Development of Reservoirs (unit)	1	200.00	100.00	40.00	1	40.00
6	Installation of cages in reservoirs (units)	96	288.00	144.00	99.00	66	99.00
7	Renovation of existing ponds/tanks (ha)	10	35.00	17.50	0.00	0	0.00
8	Riverine Fisheries Conservation and Awareness Programme (units)	1	4.00	2.00	2.00	1	2.00
9	Training, skill development and capacity building to fish farmers (units)		10.00	10.00	10.00	225	10.00
10	Bivalve culture (units)	50	7.50	3.75	3.75	25	3.75
11	Management of marine Fisheries (units)	1	5.00	5.00	5.00	11	5.50
12	Open sea cage culture (units)	60	300.00	150.00	0.00	0	0.00
13	Assistance to Traditional /Artisanal fishermen for Procurement of FRP boats upto 10m OAL as a replacement for traditional/ wooden boats including nets and Procurement of insulated fish & ice holding boxes.	24	102.00	51.00	51.00	60	50.99
14	Development of Retail Fish Markets and Allied Infrastructure (units)	2	200.00	100.00	100.00	2	100.00
15	Establishment of Ice plants and cold storages (tonnes)	78	195.00	97.50	437.50	9	437.50
16	Insulated truck of a minimum 10 tonne capacity (units)	5	100.00	50.00	50.00	5	50.00
17	Insulated Truck of a minimum 6 tonne capacity (units)	2	30.00	15.00	15.00	2	15.00
18	Motorcycle with ice box (units)	50	30.00	15.00	15.00	50	13.57
19	Motorisation of traditional craft (units)	300	360.00	180.00	180.00	370	179.94

Sl. No.	Item	Quantity/ units	Total Project cost	GOI share released for 2016-17	Amount reallocated	Progress till end of March 2019	
						Physical	Financial
20	Refrigerated truck/container of a minimum 10 tonne capacity (Units)	2	50.00	25.00	25.00	2	25.00
21	Renovation/ modernisation of existing Ice plants/ Cold storages/ Ice plant cum cold storages (tonnes)	120	180.00	90.00	90.00	120	90.00
22	Setting up of mobile/retail fish outlet (Kiosk) (units)	3	30.00	15.00	15.00	3	15.00
TOTAL			2726.50	1370.75	1370.75		1369.67

6.8. Blue Revolution (BR): Funds released, Physical and Financial Progress during 2017-18 (Rs in Lakh)

Sl. No.	Name of the proposed scheme	Total Approved	No. of Unit proposed	Eligible CSS (40% for Gen & 60% SCP/TSP)	CSS sharing		Fund released by GOI		Consolidated Physical		Consolidated Expenditure	
					Centre	State	Centre	State	Target	Achievement	Centre	State
1.	Ice plant (Inland) Gen	100.00	1	40.00	24.00	16.00	24.00	16.00	1	1	24.00	16.00
2.	Ice plant (Marine) (Gen)	100.00	2	80.00	48.00	32.00	48.00	32.00	2	2	48.00	32.00
3.	Ice plant (Marine)	100.00	1	60.00	36.00	24.00	36.00	24.00	1	1	24.00	16.00
4.	Cold storages(Gen)	100.00	1	40.00	24.00	16.00	24.00	16.00	1	1	24.00	16.00
5.	Insulated truck minimum 6 tonnes capacity (Gen)	15.00	1	6.00	3.60	2.40	3.60	2.40	1	1	3.60	2.40
6.	Setting up of mobile retail unit (Gen)	10.00	1	4.00	2.40	1.60	2.40	1.60	1	1	2.40	1.60
7.	Ice plant (state priority) (Gen)	300.00	3	120.00	72.00	48.00	72.00	48.00	3	3	72.00	48.00

Sl. No.	Name of the proposed scheme	Total Approved	No. of Unit proposed	Eligible CSS (40% for Gen & 60% SCP/TSP)	CSS Sharing		Fund released by GOI		Consolidated Physical		Consolidated Expenditure	
					Centre	State	Centre	State	Target	Achievement	Centre	State
8.	Construction of new pond – Gen	808.64	115.52	323.46	194.07	129.38	151.34	100.89	115.52	103.3327	204.43	136.29
9.	Construction of new pond –SCSP & TSP	241.57	34.51	144.94	86.97	57.98	78.27	52.18	34.51	22.38	56.15	37.44
10.	One time input - Gen	173.28	115.52	69.31	41.59	27.73	32.43	21.62	115.52	53.438	24.78	16.52
11.	One time input – SCSP & TSP	51.77	34.51	31.06	18.64	12.42	16.77	11.18	34.51	14.272	8.03	5.36
12.	Construction composite fish culture (Gen)	9.50	2	3.80	2.28	1.52	2.28	1.52	2	0	0.00	0.00
13.	Input cost - composite fish culture (SC)	3.00	2	1.20	0.72	0.48	0.72	0.48	2	0	0.00	0.00
14.	Motorisation of traditional craft-Gen	202.80	169	81.12	48.67	32.45	48.67	32.45	169	246	55.73	37.16
15.	Motorisation of traditional craft-SCSP & TSP	60.00	50	36.00	21.60	14.40	21.60	14.40	50	5	1.79	1.20
		2275.56		1040.89	624.53	416.36	562.08	374.72			548.91	365.96
16.	Saving cum relief - Gen	790.92	26364	790.92	395.46	395.46	355.91	354.91	26364	36926	383.79	383.79
17.	Saving cum relief - SCSP & TSP	236.25	7875	236.25	118.13	118.13	106.31	106.31	7875	2592	49.55	49.55
		1027.17		1027.17	513.59	513.59	462.22	461.22			433.34	433.34
	Grand total	3302.73		2068.06	1138.12	929.95	1024.30	835.94			982.25	799.30

6.9. Blue Revolution (BR): Funds released, Physical and Financial Progress during 2018-19

Sl. No.	Name of the Project	Category	Physical Units	Unit Cost	Total Project Cost	Eligible Subsidy	Subsidy sharing		Beneficiary Share	Physical	Progress	
							Central	State			Central	State
1	Motorization of Traditional Craft	Gen	227	1.20	272.40	108.96	65.38	43.58	163.44	162	33.258	22.172
		SC/ST	73		87.60	52.56	31.54	21.02	35.04	73	24.144	16.096
2	Safety of Fishermen at Sea	Gen	284	2.00	568.00	227.20	136.32	90.88	340.80	78	27.018	18.012
		Sc/ST	91		182.00	109.20	65.52	43.68	72.80	25	10.464	6.976
3	FRP Boats upto 10 OAL and Insulated fish and Ice Holding Box	Gen	27	4.25	114.75	45.90	27.54	18.36	68.85		0	0
		SC/ST	3		12.75	7.65	4.59	3.06	5.10		0	0
4	Sea weed Culture	Gen	300	0.01	3.00	1.20	0.72	0.48	1.80		0	0
		SC/ST	200		2.00	1.20	0.72	0.48	0.80		0	0
5	Bivalve Culture	Gen	150	0.15	22.50	9.00	5.40	3.60	13.50	63	4.536	3.024
		SC/ST	50		7.50	4.50	2.70	1.80	3.00	15	1.62	1.08
6	Management of Marine Fisheries			5.00	5.00	5.00	5.00	0.00	0.00		0	0
7	Construction of New Ponds and Tanks	Gen	74	7.00	518.00	207.20	124.32	82.88	310.80	38	71.262	47.508
		SC/ST	31		217.00	130.20	78.12	52.08	86.80	53	118.692	79.128
8	Input Cost for Fresh water fish Culture	Gen	74	1.50	111.00	44.40	26.64	17.76	66.60	28	12.42	8.28
		SC/ST	31		46.50	27.90	16.74	11.16	18.60	43	23.256	15.504
9	Input Cost for Fresh water fish Culture(MGNREGA Ponds)	Gen	105	1.50	157.50	63.00	37.80	25.20	94.50		0	0
		SC/ST/W	34		51.00	30.60	18.36	12.24	20.40		0	0
10	Solar Power Support Sysytem for Aqua Culture	State govt	10	15.00	150.00	150.00	75.00	75.00	0.00		0	0
11	Establishment of Large pelleted feed mill of minimum Capacity of 10 tonne/day	Gen	3	200.00	600.00	240.00	144.00	96.00	360.00		0	0
		SC/ST	1		200.00	120.00	72.00	48.00	80.00		0	0

(Rs. in Lakh)

Sl. No.	Name of the Project	Category	Physical Units	Unit Cost	Total Project Cost	Eligible Subsidy	Subsidy sharing		Beneficiary Share	Physical	Progress	
							Central	State			Central	State
12	Integrated Development of Reservoir	Gen	1	200.00	200.00	80.00	48.00	32.00	120.00		0	0
13	Installation of Cages in Reservoir	Gen	24	3.00	72.00	28.80	17.28	11.52	43.20		0	0
14	Establishment of Fish seed Hatcheries for Indian Major Carps and other specific Cultivable fin Fish	State govt	10	25.00	250.00	250.00	125.00	125.00	0.00		0	0
15	Establishment of Craft and Gear unit	Gen	350	1.00	350.00	140.00	84.00	56.00	210.00		0	0
		SC/ST	150		150.00	90.00	54.00	36.00	60.00		0	0
16	Purchase of Insulated Truck -6 ton	Gen	11	15.00	165.00	66.00	39.60	26.40	99.00	1	3.6	2.4
		SC/ST	4		60.00	36.00	21.60	14.40	24.00		0	0
17	Purchase of Motor cycle with Ice box	Gen	75	0.60	45.00	18.00	10.80	7.20	27.00	1	0.123	0.082
		SC/ST	25		15.00	9.00	5.40	3.60	6.00	1	0.144	0.096
18	Purchase of Insulated Truck -10 ton	Gen	11	20.00	220.00	88.00	52.80	35.20	132.00		0	0
		SC/ST	4		80.00	48.00	28.80	19.20	32.00		0	0
19	Setting of Fish Retail Outlet	Gen	7	10.00	70.00	28.00	16.80	11.20	42.00		0	0
		SC/ST	3		30.00	18.00	10.80	7.20	12.00		0	0
20	Auto rickshaw with Ice Box	Gen	7	2.00	14.00	5.60	3.36	2.24	8.40	1	0.45	0.3
		SC/ST	3		6.00	3.60	2.16	1.44	2.40		0	0
Total					5055.50	2494.67	1458.81	1035.86	2560.83		0	0
<u>Administrative Expenses@3% of Central Share</u>							43.76				0	0
Total					5055.50	2494.67	1502.57	1035.86	2560.83		330.99	220.66

(Rs. in Lakh)

6.10. NFDB: Funds released for Karnataka for the period 2013-14 to 2018-19

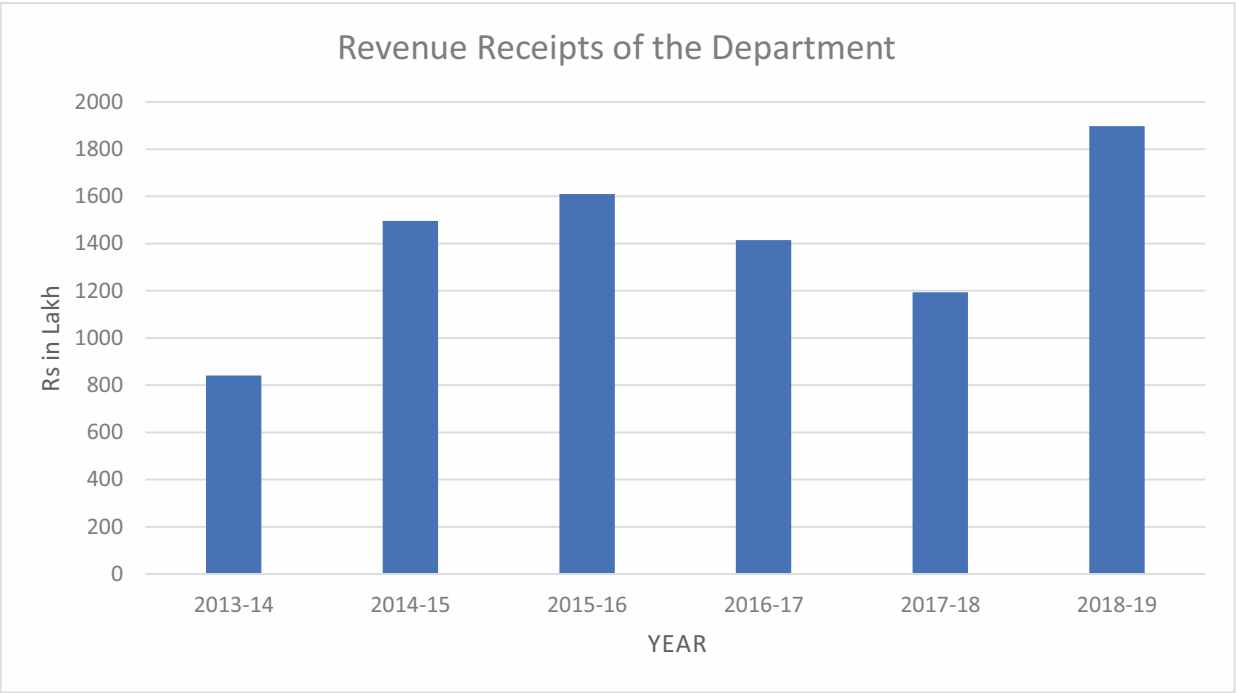
Activity	2013-14	2014-15	2015-16	2016-17	2018-19	Grand Total
Domestic Marketing	279.46	258.79	416.93	37.39	154.84	1147.42
Ornamental Fisheries	84.45	3.20	26.20	38.50	0	152.35
Reservoir Fisheries Development	82.42	16.87	33.25	0	0	132.54
Intensive Aquaculture Programme	65.07	20.22	2.75	9.40	0	97.44
Human Resource Development	13.83	0	0	2.00	0	15.83
Coordination	1.00	0	0	0	0	1.00
Mariculture	0.30	0	0	0	0	0.30
Grand Total	526.53	299.08	479.13	87.30	154.84	1546.88

(No releases were made during 2017-18)

6.11. State Schemes Expenditure and Revenue for the period 2013-14 to 2018-19

(Rs in Lakh)

Scheme	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
State Plan Schemes						
i) Expenditure under State Sector Schemes	13952.13	12689.27	17603.13	27111.24	29498.64	33405.14
ii) Expenditure under Zilla Panchayat schemes	599.50	680.63	841.79	944.60	2695.83	3384.00
Non plan expenditure	2808.23	2750.08	2779.00	2883.85	-	-
Revenue Receipts	670.24	1495.59	1609.33	1414.77	1193.96	1897.93



7

MISCELLANEOUS



7. MISCELLANEOUS

7.1. Training, Exhibition and Extension

Sl. No.	Name of the Activity	2016-17	2017-18	2018-19
1	Training of Fishers (No. of fishers)	2420	2705	1900
2	Training of Staff and Officers (No. of persons)	60	167	200
3	Fish Farmers Day/Field Days (No. of programmes)	50	30	27
4	State Level Matsyamela Exhibitions (No. of exhibitions)	1	1	3

7.2. Fish Sanctuaries in Karnataka

Sl. No.	Place/Taluk/District	Govt. order No.	Name of the river	Length of protected area
1	“Vanhi Puskarani” Ramanathapur, Arakalgud Hassan	G.1627/Ft.29 6.35.2 of 11/17-6-1935	Cauvery	1km
2	Ranganathittu S.R.Patna, Mandya	-	Cauvery	5km
3	Muttathi area Malavalli, Mandya	-	Cauvery	-
4	Shishila Belthangadi, D.Kannada	-	Kumaradhara	500m
5	Abhirama fish sanctuary (Hariharapura) Koppa,Chikmagalur	AHF/245/ME F2005 Dt. 1/4/2006	Tunga	500m
6	Dharmasthala Belthangadi, D.Kannada	-	Nethravathi	1km
7	Kelkaru Belthangadi, D.Kannada	-	Palguni	-
8	Marakatha Sulya, D.Kannada	-	Yenekkal (Kumaradhara)	-
9	Seethanadi Karkala, Udupi	-	Seethanadi	-
10	Nakurgaya Puttur, D.Kannada	-	Nethravathi	-
11	Nisargadhama Kushalnagara, Kodagu	-	Cauvery	-
12	Uppukala Sulya, D.Kannada	-	Kallaje	-

Sl. No.	Place/Taluk/District	Govt. order No.	Name of the river	Length of protected area
13	Bachanayakanagudi Sulya, D.Kannada	AHF/110/ME E/2009 Dt.8/7/2009	Yenekkal (Kumarad hara)	2.0 Km
14	Thodikana Sulya, D.Kannada	AHF/89/MEE 2007 Dt.31/8/07	Chandra giri	500m
15	Thingale Karkala, Udupi	AHF/196/ME E 2006 Dt.27/1/07	Seethan adi	500m
16	Sringeri Sringeri, Chikmagalur	AHF/245/ME E 2005 Dt.1/4/06	Tunga	1km
17	Jammatagi (Hariharapura) Koppa, Chikmagalur	AHF/245/ME E 2005 Dt.1/4/06	Tunga	500m
18	Chippalagudda Thirthahalli, Shimoga	AHF/36/MEE 2006 Dt.31/5/06	Tunga	500m
19	Mattur -Hosahalli Shimoga Taluk & Dist.	AHF/97/MEE 2007 Dt.28/8/07	Tunga	1.5 Km
20	Shivanasamudra Malavalli, Mandya	AHF/46/MEE 2009 Dt.22/9/09	Shimsha	1.4 Km
21	Bhagavathi Chaya Kolla Surpura Taluk, Gulbarga	-	Krishna	-
22	From Harangi Dam to Kudege Dam , Kodagu and Somavarapete Taluk, Kodagu Dist.	AHF/130/ME E 2014 Dt.09/9/14	Cauvery	5 Km

7.3. Aquaria in Karnataka

Sl. No.	Name of the Aquarium	Executing Authority	Total Estimate	Amount Released	Total Expdr.	Supervision and Maintenance
1	Govt. Aquarium Cubbon Park Bangalore	PWD	19.03	19.03	19.03	Fisheries Department
2	Marine Aquarium, Karwar	KSCC	23.90	23.90	23.90	ZP
3	Bootharamanahatti Belgaum (under WGP)	KLAC	15.15	15.15	15.15	ZP
4	Children Park, Shimoga	PWD	14.79	14.79	14.79	Fisheries Dept.
5	Visvesharaiah Aquarium K.R.Sagar, Mandya	Irrigation Dept	28.50	16.50	16.50	KCFF, Mysore
6	Amanikere, Kolar dist.	KLAC/ZP Engg. Dvn.	NA	NA	NA	ZP
7	Bijapur City (near stadium)	PWD	21.87	21.87	21.87	ZP
8	Children's Park, Gulbarga	ZP Engg. Dvn.	NA	NA	NA	ZP
9	Aquarium, Bidar	KLAC	5.00	5.00	5.00	ZP
10	Bala Bhavana, Tumkur	KLAC	33.00	31.00	31.00	Fisheries Dept.
11	T.B. Dam, Hospet	T.B. Board	45.00	-	40.00	T.B. Board
12	Hassan	KLAC	27.05	27.05	27.05	Fisheries Dept.
13	Hadagali, Bellary dt.		9.98	9.98	9.98	ZP

7.4. No. of Families involved in fishing and No. of Fish Markets in the State as on 31-03-2019

Sl. No.	District	No. of Families involved in fishing		No. of Fish Markets
		Full Time	Part time	
1	Belagavi	4,067	2,088	3
2	Bagalkot	1,725	2,917	13
3	Vijayapura	1,820	949	162
4	Kalburgi	2,262	910	9
5	Bidar	20,000	10,000	12
6	Raichur	1,233	2,816	-
7	Koppal	3,456	185	12
8	Gadag	159	315	29
9	Dharwad	4,200	1,613	17
10	Uttara Kannada	41,746	35,003	45
11	Haveri	4,957	5,170	3
12	Ballari	8,820	10,510	2
13	Chitradurga	2,525	2,315	30
14	Davanagere	2,540	2,472	4
15	Shivamogga	5,735	3,501	25
16	Udupi	33,549	6,719	112
17	Chikkamagaluru	1,297	1,307	10
18	Tumakuru	11,250	16,200	-
19	Kolara	8,091	94,946	2
20	Bengaluru(U)	2,661	7,372	147
21	Bengaluru(R)	6,182	759	8
22	Mandya	12,870	2,390	20
23	Hassan	6,955	22,961	14
24	Dakshina Kannada	2,638	1,786	123
25	Kodagu	390	2,750	56
26	Mysuru	8,551	5,701	27
27	Chamarajanagara	2,125	8,200	-
28	Chikkaballapura	1,820	1,005	5
29	Ramanagara	1,852	3,087	-
30	Yadgir	2,725	2,398	-
	Total	2,08,201	2,58,345	890

7.5. Ice plants and Cold Storages as on 31-03-2019

Sl. No.	District	Fish Production (MT)	Ice Plants		Cold Storages	
			No.	Capacity (mt/day)	No.	Capacity (mt/day)
1	Belagavi	5547	13	254	2	40
2	Bagalkot	1736	2	10	0	0
3	Vijayapura	8787	4	25	0	0
4	Kalburgi	5840	0	0	0	0
5	Bidar	1030	3	3	0	0
6	Raichur	11499	1	5	1	10
7	Koppal	3252	1	7	0	0
8	Gadag	594	1	10	0	0
9	Dharwad	2517	3	20	2	20
10	Uttara Kannada	120516	41	932	4	160
11	Haveri	1806	0	0	0	0
12	Ballari	6994	1	12	0	0
13	Chitradurga	5116	2	10	0	0
14	Davanagere	6861	0	0	0	0
15	Shivamogga	23454	5	57	2	4
16	Udupi	120972	91	3144	17	680
17	Chikkamagaluru	5646	0	0	0	0
18	Tumakuru	11899	0	0	0	0
19	Kolar	3937	0	0	0	0
20	Bengaluru(U)	5798	35	60	11	30
21	Bengaluru(R)	2618	0	0	0	0
22	Mandya	23019	0	0	0	0
23	Hassan	11614	2	1	0	0
24	Dakshina Kannada	166449	63	1727	11	387
25	Kodagu	3528	0	0	0	0
26	Mysuru	8902	2	15	3	19
27	Chamarajanagara	4995	0	0	0	0
28	Chikkaballapura	3772	0	0	0	0
29	Ramanagara	6222	0	0	0	0
30	Yadgir	2491	0	0	0	0
	Total	587412	270	6292	53	1346

7.6. Actual Annual Rainfall from 2008 to 2018 (mm)

Sl. No.	District	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	Belagavi	822	1021	936	863	554	696	878	547	639	725	736
2	Bagalkot	505	940	633	516	372	528	639	491	409	592	366
3	Vijayapura	478	917	594	367	433	563	541	384	453	602	333
4	Kalburgi	713	781	881	593	594	776	702	526	865	703	516
5	Bidar	879	689	1040	719	727	970	607	562	1168	833	529
6	Raichur	568	943	722	405	444	699	548	418	422	692	212
7	Koppal	553	921	751	417	392	560	725	472	352	606	346
8	Gadag	687	918	753	492	385	385	513	397	370	554	430
9	Dharwad	771	909	842	734	477	662	900	570	453	622	690
10	Uttara Kannada	2721	3127	2879	3237	2528	3237	2999	2043	2235	2427	2459
11	Haveri	779	1028	1041	765	548	760	1063	658	544	659	800
12	Ballari	520	828	672	380	418	482	567	483	338	626	386
13	Chitradurga	637	806	888	369	523	537	813	660	281	582	479
14	Davanagere	680	955	969	535	542	701	901	620	456	707	610
15	Shivamogga	1827	2252	1991	1914	1476	2115	2247	1566	1131	1450	2468
16	Udupi	3525	5221	4784	4818	4195	4622	3790	3634	3574	3916	3951
17	Chikkamagaluru	2259	2520	2192	2125	1887	2556	2359	1885	1663	1642	2213
18	Tumakuru	779	673	841	549	473	584	690	896	417	733	483
19	Kolar	811	778	802	643	760	579	494	968	418	983	459
20	Bengaluru(U)	971	746	884	954	533	821	821	1059	1214	890	866
21	Bengaluru(R)	912	679	819	748	511	786	794	1052	694	1014	700
22	Mandya	704	717	862	661	468	559	767	800	412	921	670
23	Hassan	1340	1288	1418	1171	821	1134	1199	1051	689	975	1208
24	Dakshina Kannada	3473	3680	3909	4240	3238	4218	3529	3090	2854	3105	3243
25	Kodagu	2413	2912	2647	3077	2001	3429	3016	2431	2036	2305	4296
26	Mysuru	5297	6164	6972	5488	2968	7520	5686	6394	3056	6475	6435
27	Chamarajanagara	819	704	867	698	438	536	867	846	239	724	651
28	Chikkaballapura	870	694	934	674	602	578	424	1088	497	737	371
29	Ramanagara	3053	3503	3206	3057	1803	2818	3003	4052	2407	5291	3712
30	Yadgir	708	952	976	639	605	804	641	577	630	683	395
	Total	1340	1544	1500	1375	1049	1409	1414	1160	996	1212	1366

(Source : Reports of District At a Glance, Directorate of Economics & Statistics)

7.7. Taluks, Hoblies, Grama Panchayaths & Villages as on 31.03.2019

District	No. of Taluks	Hoblies	Gram Panchayats	No of Villages
Belagavi	14	37	506	1275
Bagalkot	9	18	198	624
Vijayapura	12	20	213	692
Kalburgi	11	32	264	918
Bidar	8	30	185	620
Raichur	5	37	179	884
Koppal	7	20	153	629
Gadag	7	11	122	337
Dharwad	8	14	144	379
Uttara Kannada	12	35	231	1289
Haveri	8	19	224	703
Ballari	11	32	237	632
Chitradurga	6	22	189	1063
Davanagere	6	20	196	843
Shivamogga	7	37	271	1530
Udupi	7	9	158	233
Chikkamagaluru	8	34	227	1117
Tumakuru	10	50	330	2715
Kolara	6	27	156	1797
Bengaluru(U)	5	27	96	588
Bengaluru(R)	4	17	105	1051
Mandya	7	45	233	1477
Hassan	8	38	267	2574
Dakshina Kannada	7	17	230	331
Kodagu	3	16	104	296
Mysuru	8	33	266	1336
Chamarajanagara	5	16	130	509
Chikkaballapura	6	26	157	1513
Ramanagara	4	18	127	872
Yadgir	6	16	123	513
Total	225	773	6021	29340

(Source : Reports of District At a Glance, Directorate of Economics & Statistics)

7.8. Scientific and local names of some important fishes of the State

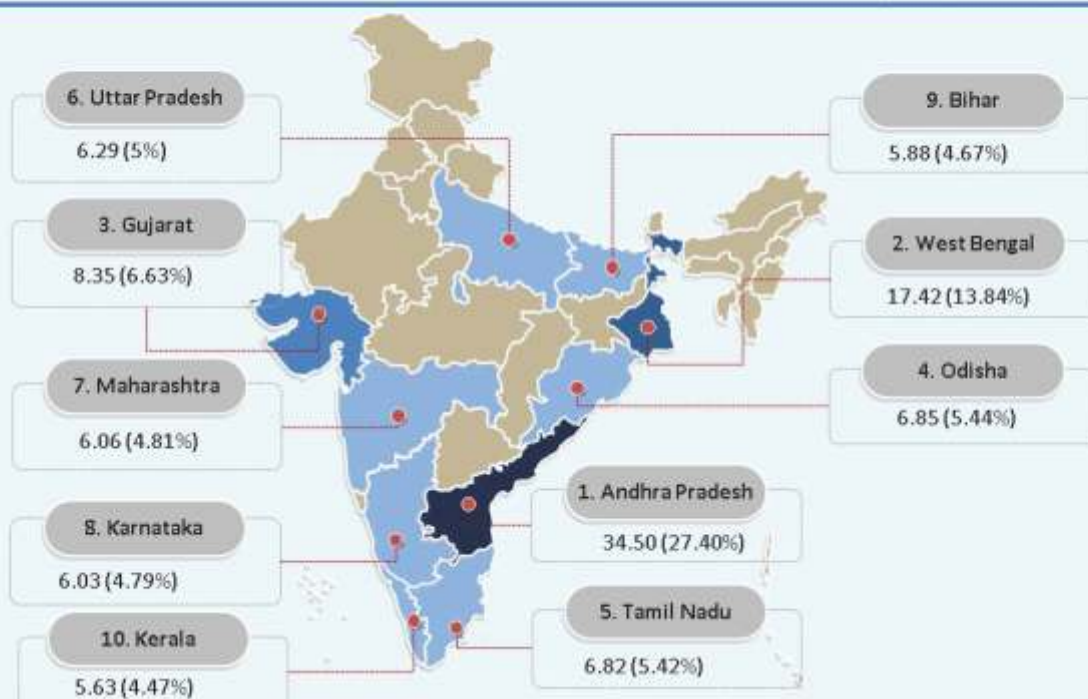
Sl. No.	Common name	Scientific name	ಸ್ಥಳೀಯ ಭಾಷೆಯಲ್ಲಿ ಹೆಸರು
a) Marine			
1	Sharks	Chiloscyllium sp. Stegostoma, Scoliodon, Rhizoprionodon Galeocerdo, Carcharhinus, Sphyrna	ತಾಟಿ, ಚಾಟಿ, ಬಲ್ಲಾರ್
2	Skates and Rays	Skates; Rhynchobatus, Rhinobatus, Rays ; Dasyatis, Aetobatus, Aetomylaeus, Rhinoptera	ಸ್ನೋರಕೆ, ತೊರಕೆ, ಎಟ್ಟಿ, ಬಲ್ಲಿಯಾರ್ ಗರಗಸ
3	Oil Sardine	Sardinella longiceps	ಭೂತಾಯಿ, ಬೈಗೆ
4	White Sardine	Escuolosa thoracata (Kowala coval)	ಬೋಳಂಜೀರ್
5	Other Sardine	Sardinella	ಇತರೆ ಭೂತಾಯಿ, ಎರಬೈ, ಸುವಾಡಿ
6	Anchovies	Stolephorus, Thryssa, Coilia, Setipinna	ಕೊಲ್ಲತರ
7	Other Clupeioids	Ilisha, Opisthopterus, Nemastolosa, Anodontostoma, Chirocentrus	ಮಣಿಗು
8	Indian Mackerel	Rastrelliger kanagurta	ಬಂಗುಡೆ
9	Seer	Scomberomorus sp.	ಅಂಜಲ್
10	Tuna	Thunnus sp. (Albacore, Yellowfin tuna, Big eye tuna, Blue fin tuna) Katsuwonus (Skip jack tuna); Ethynnus (Little tuna)	ಕೇದಾರ
11	Pomfrets	Pampus, Apolectes, Parastromatous -Niger sp.	ಮಾಂಜಿ, ಬಿಳಿ ಮಾಂಜಿ, ಕಪ್ಪು ಮಾಂಜಿ
12	Lactarius	Lactrius lactarius	ಅಡೆ, ಅಡವು
13	Carangids	Megalopsis cordyla, Selaroides sp., Trachinotus, Caranx, Selar, Carangoides	ಗೋಂಡ್ಲ, ಕೋಡಂಡೆ, ಬೋಂಕೆ, ಕಡ್ಡಾಯಿ
14	Silver Bellies	Leiognathus sp., Secutor sp., Gazza sp	ಕುರುಚಿ, ಕುರ್ಚಿ
15	Sciaenids (Crockers)	Sciaena, Protonibeia, Johnius, Otolithus, Otolithoides	ಕಲ್ಲೂರು, ಕೊಡ್ಡಾಯಿ
16	Ribbon fish	Trichiurus sp., Lepturacanthus sp.	ಪಾಂಬೋಲ್
17	Flat fish	Psettodes erumei (Indian Halibut), Cynoglossus, Pseudorhombus Solea, Synaptura, Euryglossa	ಚಪ್ಪಟೆ, ಹಲಗೆ
18	Cat fish	Arius sp (Tachysurus), Plotosus sp.	ತೇಡೆ, ಸೇಡೆ
19	Eels	Congresox sp., Muraenesox	ಹಾವು, ಉಚ್ಚು
20	Pink perch	Nemipterus japonicus	ಮದ್ಮಲ್
21	Crabs	Scyllaserrata, Neptunus sp., Matuta planipes	ಏಡಿ
22	Prawns	Metapeneaus sp., Penaeus sp.	ಸೀಗಡಿ, ಎಟ್ಟೆ
23	Pearl spot	Etroplus sp.	ಕರಿ, ಇರಿ
24	Silver Bellies	Leognathus sp., Gazza sp.	ಕಲ್ಲಿ
25	Soles	Cynoglossus sp.	ನಂಗು, ಎರುಮೆ
26	Shell	Perna viridis, P. indica Crassostrea madrasensis, Loligo sp.	ಚಿಪ್ಪು, ಮರುವಾಯಿ, ಮಳಿ
27	Squids and Cuttle fish	Loligo duvauceli Sepioteuthis, Sepia.sp., Otopus sp.	ಬೋಂಡಾಸ್
28	Squilla	Mantis shrimp, Oratosquilla sp.	ಪುಚ್ಚೆ ಮೀನು

Sl. No.	Common name	Scientific name	ಸ್ಥಳೀಯ ಭಾಷೆಯಲ್ಲಿ ಹೆಸರು
b) Estuarine fishes			
1	Lady fish	Sillago sihama	ಕಾಣೆ, ಕಂಡಿಕೆ
2	Mulletts	Mugil, Rhinomugil, Valamugil, Liza	ಮಾಲ
3	Gerres	Gerres, Gerreomorpha	ಪೈಯಿ, ಬೈಂಗೆ
4	Etroplus	Etroplus suratensis, E. maculatus	ಕರಿ, ಇರಿ
c) Inland fishes			
1	Cat fish	Wallago attu Ompak bimamlatus Mystus oar Mystus seenghala	ಬಾಳೆ ಗೊದ್ದಲೆ ತುರಗಿ, ಗಿರ್ದು ಚೀಳು
2	Chelu meenu	Heteropneustes fossilis	ಚೀಳು
3	Ane meenu	Clarius batrachus	ಮುದುಗೋಡು, ಆಣೆ
4	Bilihalati	Silonia childrenii	ಬಿಳಿ ಹಳಪಿ
5	Common Carp	Cyprinus carpio var communis C. carpio var scalaris C. carpio var nudus	ಪರೆ ಕನ್ನಡಿ ಬೆತ್ತಲೆ
6	Grass Carp	Ctenopharyngodon idella	ಹುಲ್ಲು ಗೆಂಡೆ
7	Silver Carp	Hypophthalmichthys molitrix	ಬೆಳ್ಳಿ ಗೆಂಡೆ
8	Major Carps	Catla catla Labeo calbasu Labeo rohita Labeo fimbriatus Cirrhina mrigal	ಕಾಟ್ಲಾ ಕರಿ, ಕೆಕ್ಕೆ, ಕೆಮ್ಮಚ್ಚಲು ರೋಹು ಕೆಮ್ಮೀನು ಮೃಗಾಲ್
9	Minor Carps	Labeo bata Cirrhina reba Cirrhina fulungee Puntius ticto Puntius sarana	ಪಂಜಾರಿ ಅರ್ಜಿ ಅರ್ಜಿ ನಯಾಪೈಸೆ ಗೆಂಡೆ
10	Bilihargi	Puntius pulchellus	ಬಿಳಿಅರಗಿ
11	Kolcha	Puntius kolus	ಕೊಳಚ
12	Mahseer	Tor khudree Tor mussullah, Tor tor	ಬಿಳಿ ಸಸ್ಸು, ಪಕ್ಕೆ
13	Saslu	Rasbora	ಚಪ್ಪಲಿ
14	Chappali meenu	Notopterus notopterus	ಕಲ್ಲು ಕೊರವ
15	Murrels	Channa gachua Channa marulius Channa striatus Channa punctatus	ಹೂ ಕುಚ್ಚು, ಅವಲು ಕುಚ್ಚು ಕೊರವ
16	Nettikannukorva	Glossogobius giuris	ನೆತ್ತಿ ಕಣ್ಣು ಕೊರವ
17	Bitiha	Chela chela	ಬೆಳ್ಳಿ
18	Haragi	Barbus pulchellus	ಅರಗಿ
19	Pakke	Esomus daniconius	ಮೀಸೆ ಪಕ್ಕೆ
20	Halati	Pseudotropicus lakree	ಹಲಟಿ
21	Gambusia	Gambusia affinis	ಗ್ಯಾಂಬೂಸಿಯಾ
22	Jilebi	Tilapia mossambica	ತಿಲಾಪಿಯಾ, ಜಿಲೇಬಿ

KARNATAKA FISHERIES AND ITS SHARE IN INDIA

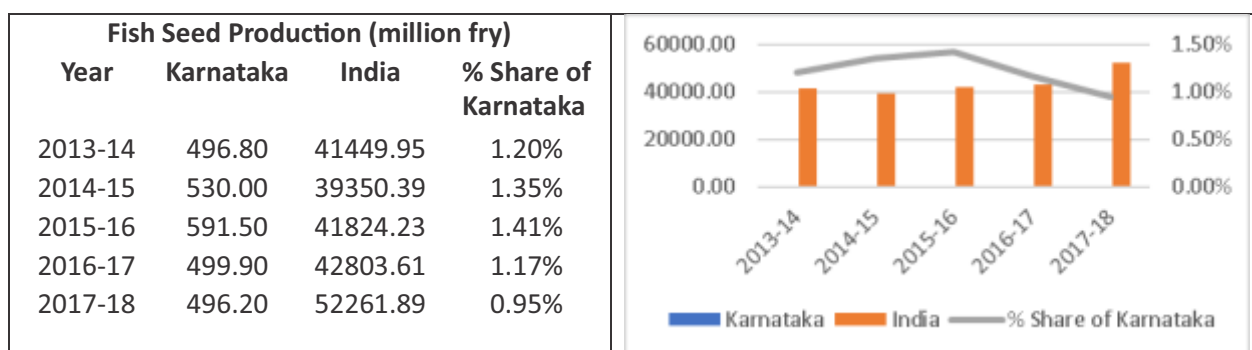
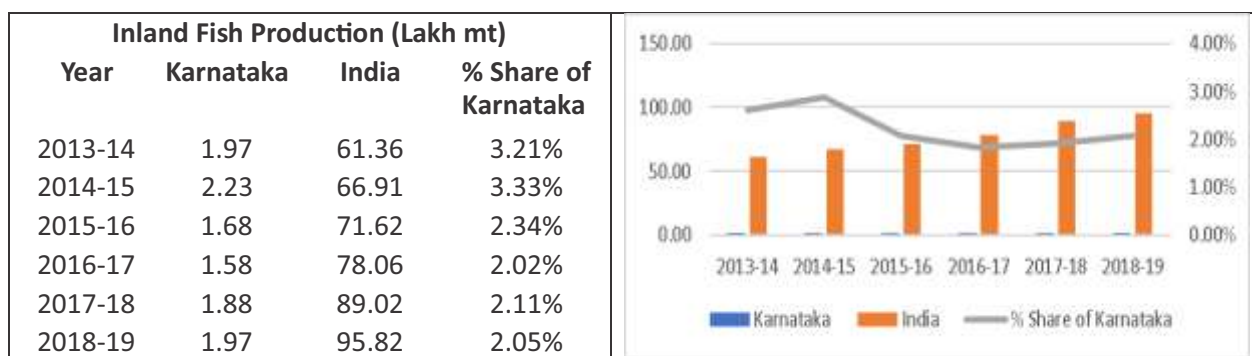
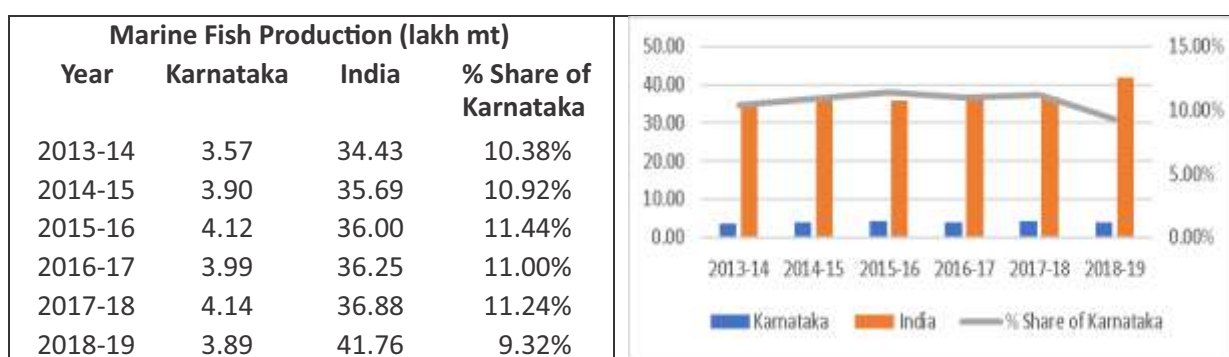
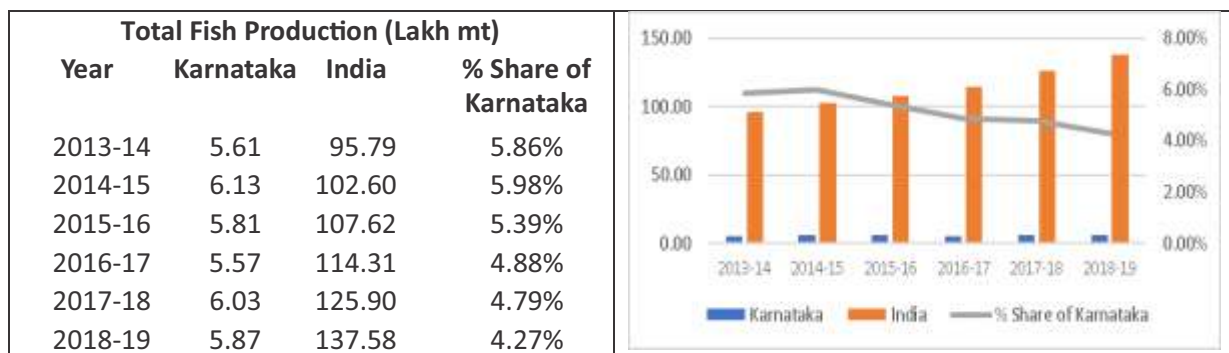
TOP 10 FISH PRODUCING STATES (2017-18)

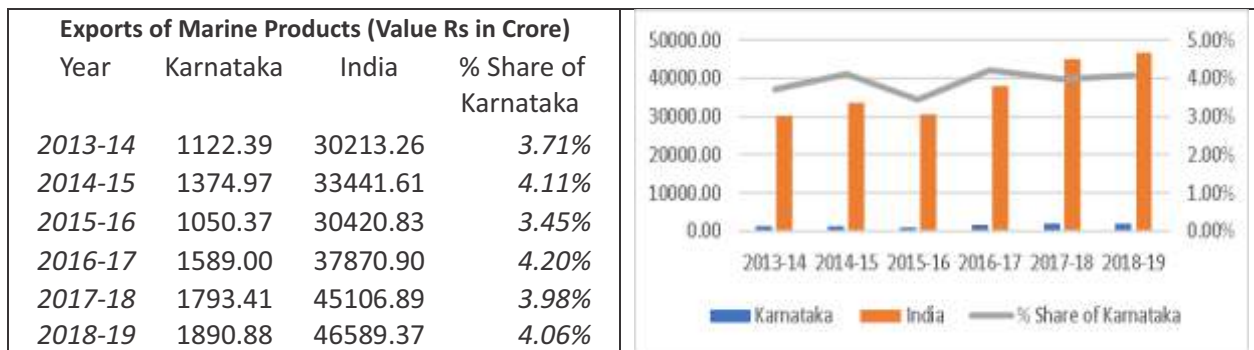
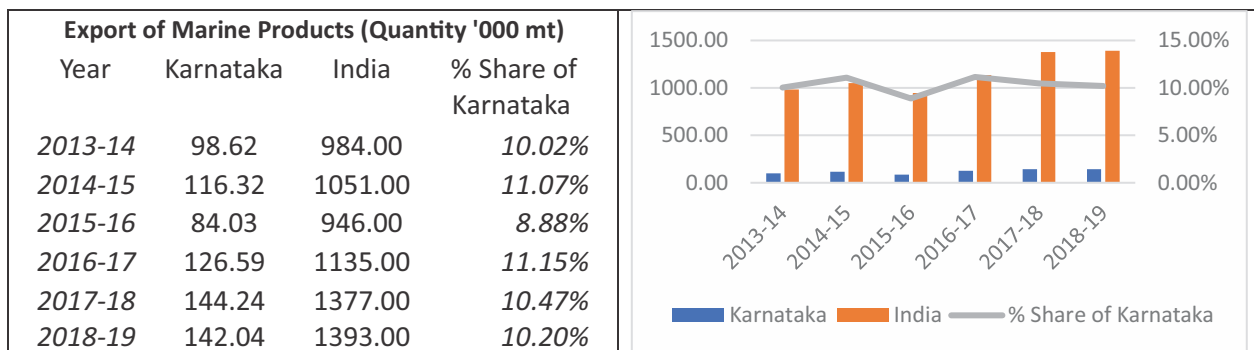
(Fish Production in lakh tonnes)



8. KARNATAKA FISHERIES AND ITS SHARE IN INDIA

8.1. Production and exports





8.2. Monthly Per Capita Consumption of Fish & Prawn

	Parameter	Rural	Urban
Karnataka	Quantity (kg)	0.15	0.11
	Value (Rs)	₹ 12.29	₹ 8.80
	No of Households/ 1000	174	112
India	Quantity (kg)	0.27	0.25
	Value (Rs)	₹ 22.77	₹ 26.73
	No of Households/ 1000	265	210

8.3. Fisheries Resources Comparison

Sl. No.	Resource type	Unit	Year	Karnataka	India	% Share of Karnataka
1	Length of Coastline	km		320	8118	3.94%
2	Exclusive Economic Zone	Lakh sq.km		0.87	20.2	4.31%
3	Continental shelf area	Lakh sq.km		0.27	5.3	5.09%
4	Length of Rivers and Canals	km		9000	388957	2.31%
5	Area of Reservoirs	Lakh ha		2.72	35.25	7.72%
6	Area of Ponds and Tanks	Lakh ha		2.93	24.78	11.82%
7	Area of Brackishwater	Lakh ha		0.08	12.4	0.65%
8	Estimated fish production potential					
	Marine	Lakh MT		6.02	53.11	11.33%
	Inland	Lakh MT		4.02	45	8.89%
9	Marine Fishing villages	No	2016	162	3477	4.66%
10	Marine Fisherfolk Population	No	2016	157989	3774577	4.19%
11	Landing Centres	No	2016	115	1547	7.43%
12	Vessels Registered as on 31-03-2019		2019			
	Deep Sea			0	53	--
	Motorized non-mechanized			8949	136920	6.54%
	Motorized Mechanized			4542	66198	6.86%
	Non-motorized			9044	65876	13.73%
	Total			22535	269047	8.38%
13	Fisheries Cooperatives		2019			
	State Level	No		1	21	4.76%
	District Level	No		2	141	1.42%
	Primary cooperatives	No		654	20639	3.17%
	Membership	No		204689	3178239	6.44%

Source : Hand book on Fisheries Statistics 2018 : Government of India, Ministry of Fisheries, Animal Husbandry and Dairying, Department of Fisheries, Krishi Bhavan, New Delhi.

8.4. Comparison with other states/UTs

State/UT-wise fish production (2013-14 to 2017-18) in lakh tonnes

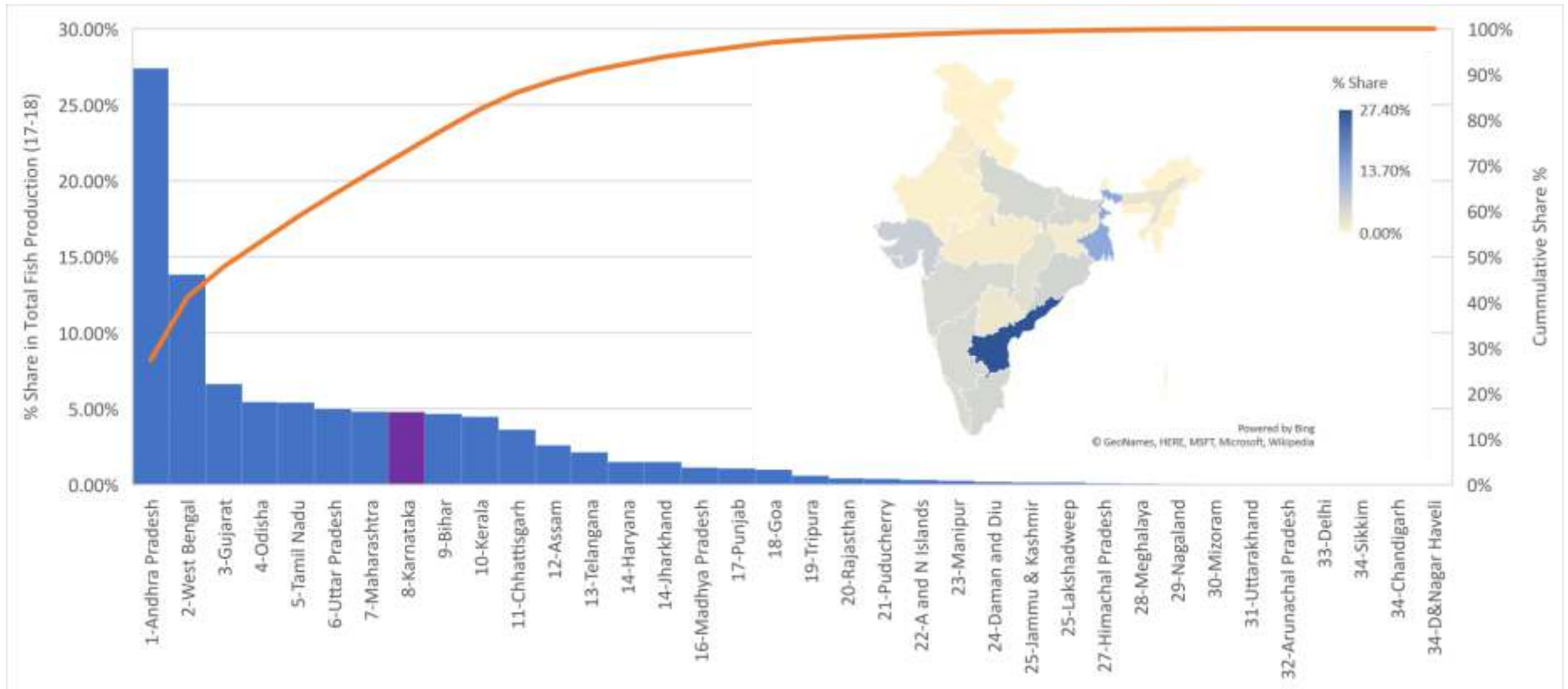
Sl. No.	States/UTs	2013-14				2014-15				2015-16				2016-17				2017-18			
		Inland	Marine	Total	% Share	Inland	Marine	Total	% Share	Inland	Marine	Total	% Share	Inland	Marine	Total	% Share	Inland	Marine	Total	% Share
1	Andhra Pradesh	15.80	4.38	20.18	21.07%	15.03	4.75	19.79	19.29%	18.32	5.20	23.52	21.85%	21.86	5.80	27.66	24.20%	28.45	6.05	34.50	27.40%
2	Arunachal Pradesh	0.01	0.00	0.01	0.01%	0.04	0.00	0.04	0.04%	0.04	0.00	0.04	0.04%	0.04	0.00	0.04	0.03%	0.04	0.00	0.04	0.03%
3	Assam	2.67	0.00	2.67	2.79%	2.83	0.00	2.83	2.76%	2.94	0.00	2.94	2.73%	3.07	0.00	3.07	2.69%	3.27	0.00	3.27	2.60%
4	Bihar	4.32	0.00	4.32	4.51%	4.80	0.00	4.80	4.68%	5.07	0.00	5.07	4.71%	5.09	0.00	5.09	4.45%	5.88	0.00	5.88	4.67%
5	Chhattisgarh	2.85	0.00	2.85	2.98%	3.14	0.00	3.14	3.06%	3.42	0.00	3.42	3.18%	3.77	0.00	3.77	3.30%	4.57	0.00	4.57	3.63%
6	Goa	0.04	1.10	1.14	1.19%	0.03	1.15	1.18	1.15%	0.05	1.07	1.12	1.04%	0.04	1.14	1.18	1.03%	0.06	1.18	1.24	0.98%
7	Gujarat	0.98	6.96	7.93	8.28%	1.11	6.98	8.10	7.89%	1.12	6.97	8.10	7.53%	1.17	6.99	8.16	7.14%	1.34	7.01	8.35	6.63%
8	Haryana	1.17	0.00	1.17	1.22%	1.11	0.00	1.11	1.08%	1.21	0.00	1.21	1.12%	1.44	0.00	1.44	1.26%	1.90	0.00	1.90	1.51%
9	Himachal Pradesh	0.10	0.00	0.10	0.10%	0.11	0.00	0.11	0.11%	0.12	0.00	0.12	0.11%	0.13	0.00	0.13	0.11%	0.13	0.00	0.13	0.10%
10	Jammu & Kashmir	0.20	0.00	0.20	0.21%	0.20	0.00	0.20	0.19%	0.20	0.00	0.20	0.19%	0.20	0.00	0.20	0.17%	0.21	0.00	0.21	0.17%
11	Jharkhand	1.05	0.00	1.05	1.10%	1.06	0.00	1.06	1.03%	1.16	0.00	1.16	1.08%	1.45	0.00	1.45	1.27%	1.90	0.00	1.90	1.51%
12	Karnataka	1.98	3.57	5.55	5.79%	2.23	4.00	6.23	6.07%	1.69	4.12	5.81	5.40%	1.59	3.99	5.57	4.87%	1.88	4.14	6.03	4.79%
13	Kerala	1.86	5.22	7.09	7.40%	2.02	5.24	7.26	7.08%	2.11	5.17	7.28	6.76%	1.61	4.31	5.93	5.19%	1.48	4.14	5.63	4.47%
14	Madhya Pradesh	0.96	0.00	0.96	1.00%	1.09	0.00	1.09	1.06%	1.15	0.00	1.15	1.07%	1.39	0.00	1.39	1.22%	1.43	0.00	1.43	1.14%
15	Maharashtra	1.35	4.67	6.03	6.30%	1.44	4.64	6.08	5.93%	1.46	4.34	5.80	5.39%	2.00	4.63	6.63	5.80%	1.31	4.75	6.06	4.81%
16	Manipur	0.29	0.00	0.29	0.30%	0.31	0.00	0.31	0.30%	0.32	0.00	0.32	0.30%	0.32	0.00	0.32	0.28%	0.33	0.00	0.33	0.26%
17	Meghalaya	0.06	0.00	0.06	0.06%	0.06	0.00	0.06	0.06%	0.11	0.00	0.11	0.10%	0.12	0.00	0.12	0.10%	0.12	0.00	0.12	0.10%
18	Mizoram	0.06	0.00	0.06	0.06%	0.06	0.00	0.06	0.06%	0.07	0.00	0.07	0.07%	0.08	0.00	0.08	0.07%	0.08	0.00	0.08	0.06%
19	Nagaland	0.07	0.00	0.07	0.07%	0.08	0.00	0.08	0.08%	0.08	0.00	0.08	0.07%	0.09	0.00	0.09	0.08%	0.09	0.00	0.09	0.07%
20	Odisha	2.94	1.20	4.14	4.32%	3.36	1.33	4.70	4.58%	3.77	1.45	5.21	4.84%	4.55	1.53	6.08	5.32%	5.34	1.51	6.85	5.44%

Sl. No.	States/UTs	2013-14				2014-15				2015-16				2016-17				2017-18			
		Inland	Marine	Total	% Share	Inland	Marine	Total	% Share	Inland	Marine	Total	% Share	Inland	Marine	Total	% Share	Inland	Marine	Total	% Share
21	Punjab	1.04	0.00	1.04	1.09%	1.15	0.00	1.15	1.12%	1.20	0.00	1.20	1.12%	1.33	0.00	1.33	1.16%	1.37	0.00	1.37	1.09%
22	Rajasthan	0.35	0.00	0.35	0.37%	0.45	0.00	0.45	0.44%	0.42	0.00	0.42	0.39%	0.50	0.00	0.50	0.44%	0.54	0.00	0.54	0.43%
23	Sikkim	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
24	Tamil Nadu	1.92	4.32	6.24	6.51%	2.40	4.57	6.98	6.80%	2.43	4.67	7.09	6.59%	1.97	4.72	6.69	5.85%	1.85	4.97	6.82	5.42%
25	Telangana	0.00	0.00	0.00	0.00%	2.68	0.00	2.68	2.61%	2.37	0.00	2.37	2.20%	1.99	0.00	1.99	1.74%	2.70	0.00	2.70	2.14%
26	Tripura	0.62	0.00	0.62	0.65%	0.65	0.00	0.65	0.63%	0.69	0.00	0.69	0.64%	0.72	0.00	0.72	0.63%	0.77	0.00	0.77	0.61%
27	Uttarakhand	0.04	0.00	0.04	0.04%	0.04	0.00	0.04	0.04%	0.04	0.00	0.04	0.04%	0.04	0.00	0.04	0.03%	0.05	0.00	0.05	0.04%
28	Uttar Pradesh	4.64	0.00	4.64	4.84%	4.94	0.00	4.94	4.81%	5.05	0.00	5.05	4.69%	6.18	0.00	6.18	5.41%	6.29	0.00	6.29	5.00%
29	West Bengal	13.92	1.88	15.81	16.50%	14.38	1.79	16.17	15.76%	14.93	1.78	16.71	15.53%	15.25	1.77	17.02	14.89%	15.57	1.85	17.42	13.84%
30	A and N Islands	0.00	0.37	0.37	0.39%	0.00	0.37	0.37	0.36%	0.00	0.37	0.37	0.34%	0.00	0.39	0.39	0.34%	0.00	0.39	0.40	0.32%
31	Chandigarh	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
32	D & Nagar Haveli	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
33	Daman and Diu	0.00	0.19	0.19	0.20%	0.00	0.32	0.32	0.31%	0.00	0.23	0.23	0.21%	0.01	0.23	0.24	0.21%	0.00	0.24	0.25	0.20%
34	Delhi	0.01	0.00	0.01	0.01%	0.01	0.00	0.01	0.01%	0.01	0.00	0.01	0.01%	0.01	0.00	0.01	0.01%	0.01	0.00	0.01	0.01%
35	Lakshadweep	0.00	0.19	0.19	0.20%	0.00	0.13	0.13	0.13%	0.00	0.16	0.16	0.15%	0.00	0.30	0.30	0.26%	0.00	0.21	0.21	0.17%
36	Puducherry	0.04	0.38	0.42	0.44%	0.06	0.42	0.47	0.46%	0.07	0.47	0.54	0.50%	0.04	0.46	0.50	0.44%	0.07	0.42	0.50	0.40%
	India	61.36	34.43	95.79	100.00%	66.91	35.69	102.60	100.00%	71.62	36.00	107.62	100.00%	78.06	36.25	114.31	100.00%	89.02	36.88	125.90	100.00%

Top 10 performing states under each segment (Inland, Marine & Total) are highlighted separately for each year

[Source for Chapter 8: HANDBOOK ON FISHERIES STATISTICS 2018: Government of India Ministry of Fisheries, Animal Husbandry and Dairying, Department of Fisheries, Krishi Bhavan, New Delhi.]

State/UT-wise Share in total fish production (2017-18) and Ranking



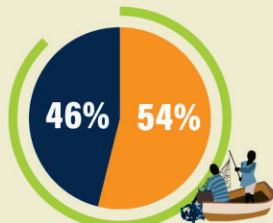
Glimpses of Global Fisheries Statistics

Global fish production

179
million tonnes

- Capture fisheries
- Aquaculture

* 2018 figures



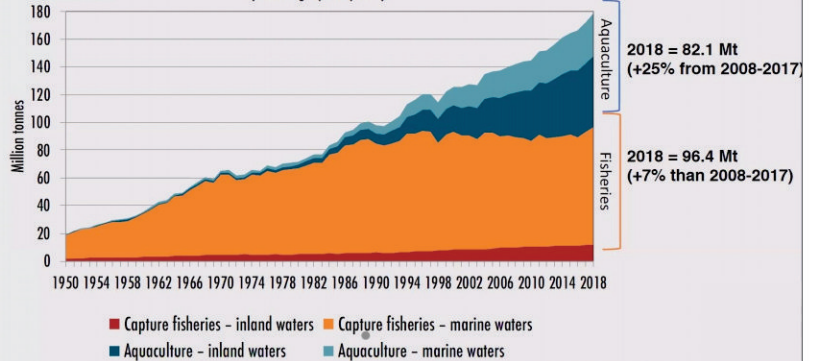
156 MILLION TONNES
destined for human consumption



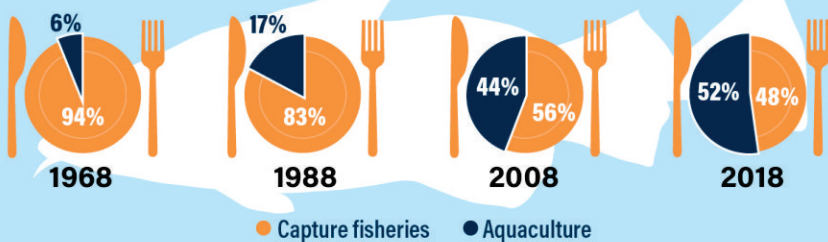
WORLD PRODUCTION: A RECORD 179Mt



World capture fisheries and aquaculture production (Excluding aquatic plants)

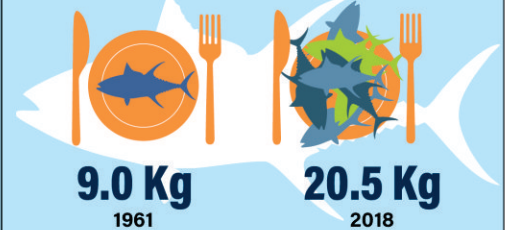


Contribution of capture fisheries vs aquaculture to human consumption



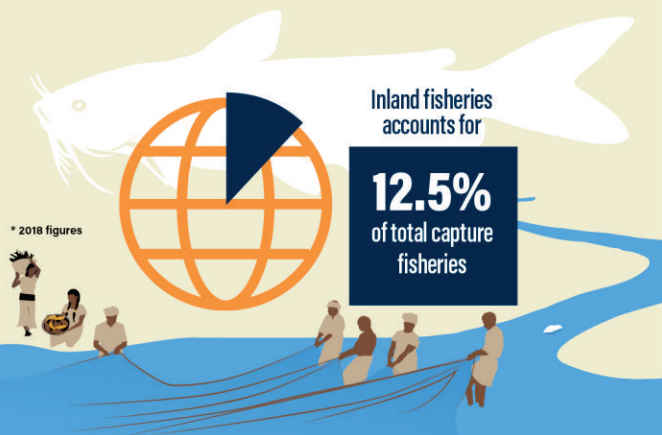
Fish consumption

Global fish consumption increased at an average annual rate of 3.1% from 1961-2018



Fisheries production

Inland fisheries catches reached 12 million tonnes

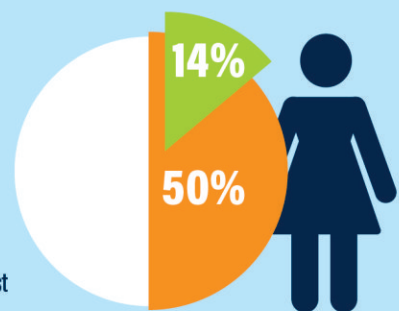


Employment in fisheries and aquaculture by gender

14%
women in the primary sector

ABOUT 50%
women if post-harvest sector is included

* 2018 figures





Published by :

Directorate of Fisheries

3rd Floor, Podium Block, V.V. Tower, Dr. Ambedkar Veedhi, Bangalore 560 001

Phone : 080-22864681, Email: dof-blr-ka@nic.in

Website: <https://fisheries.karnataka.gov.in>  @dof_kar