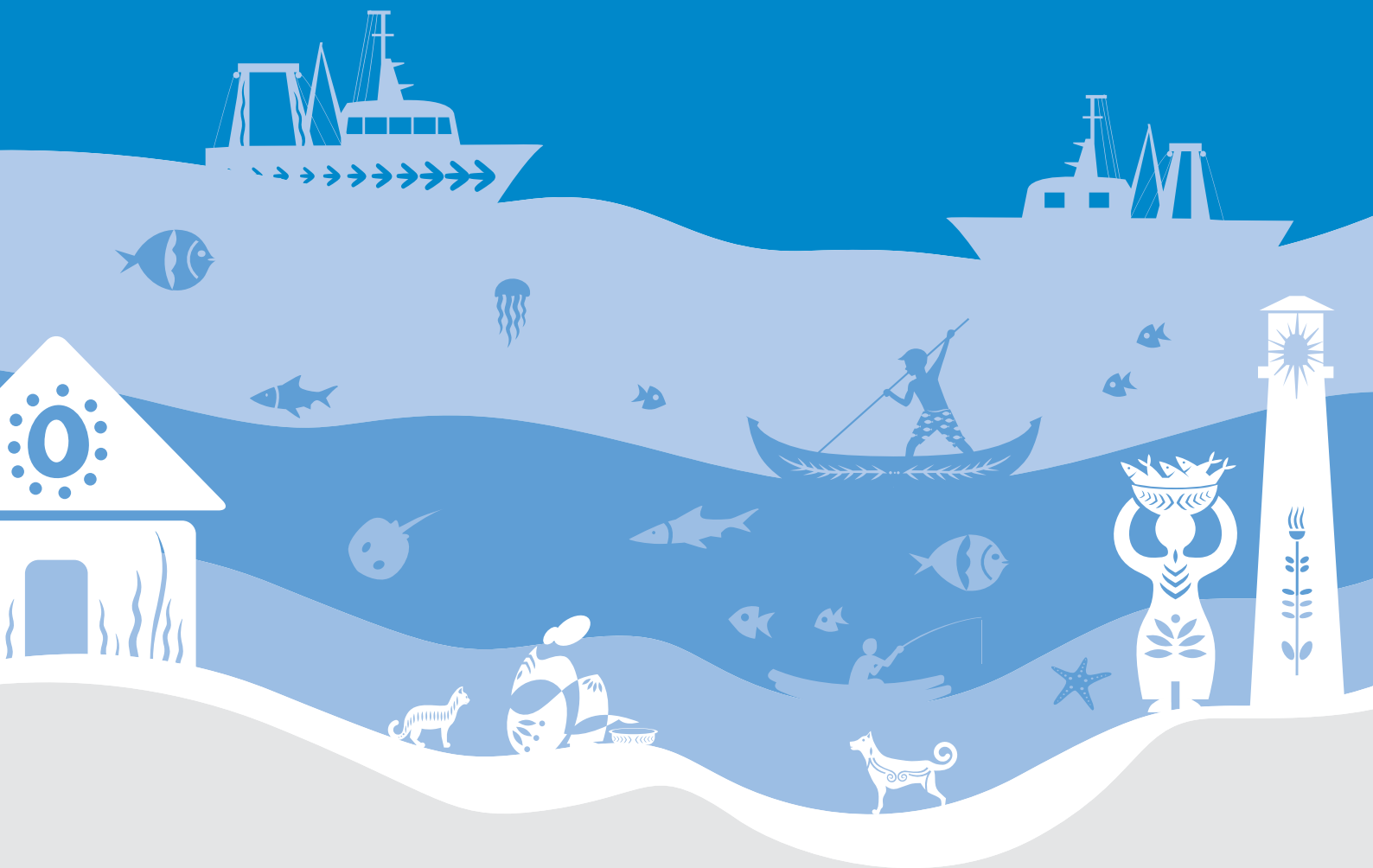
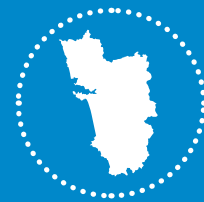


Marine Fisheries Census 2016

Goa



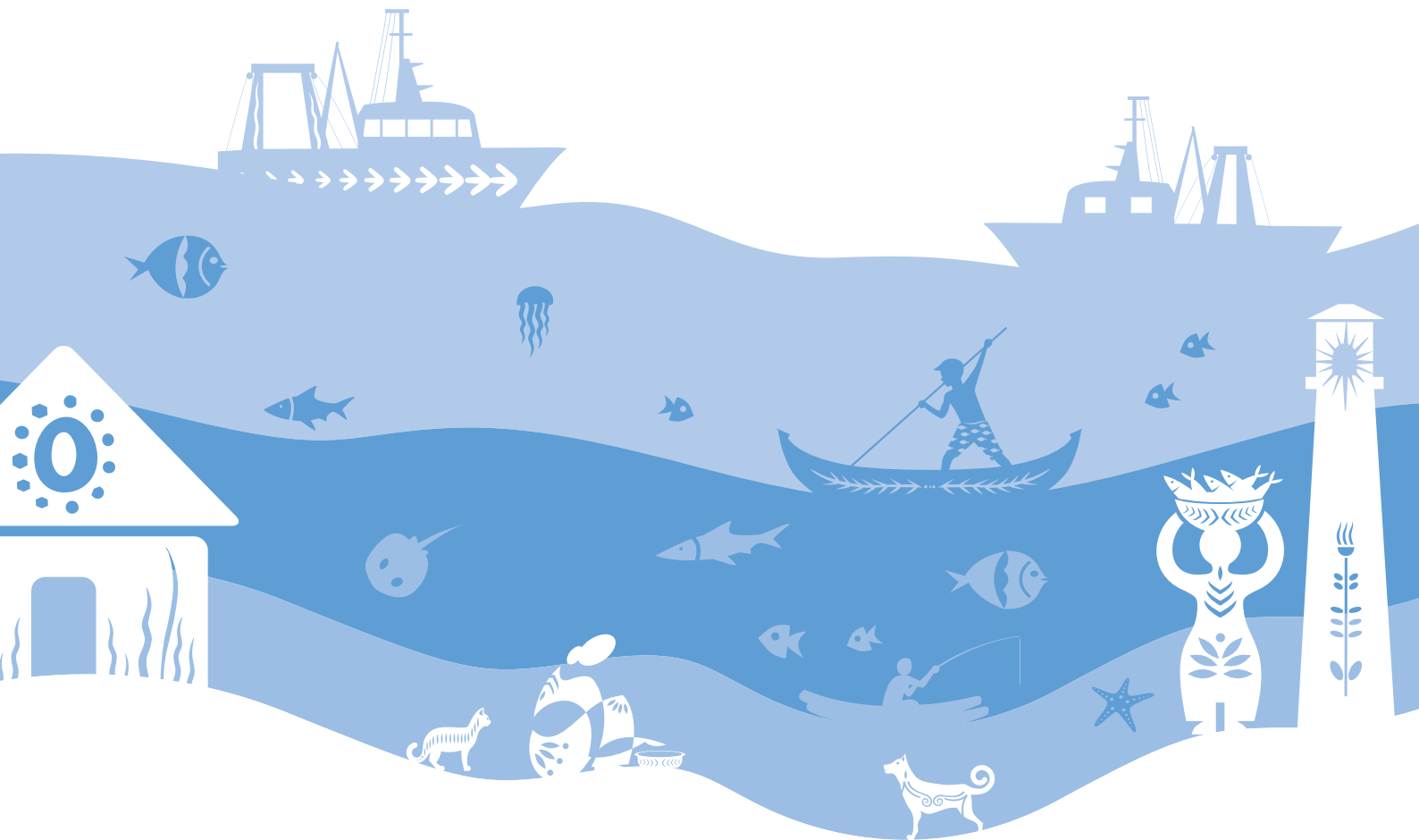
Department of Fisheries
Ministry of Fisheries, Animal Husbandry and Dairying, Govt. of India



Central Marine Fisheries Research Institute
Indian Council of Agricultural Research

Marine Fisheries Census 2016


Goa



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Marine Fisheries Census 2016 **Goa**

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Preface



Data is the *sine qua non* of good governance and data generation is a formidable task. Though conducting the National Marine Fisheries Census 2016 has been a challenging endeavour, we at ICAR-Central Marine Fisheries Research Institute are bestowed with such rich experience and vast expertise in big data management including the first survey of marine fishing villages and marine fish landings centres carried out during 1948-'49, that, this mammoth task could be accomplished as a remarkably rewarding as well as enriching achievement. While the huge, but systematic data base generated is of utmost significance for governance-oriented decision making at the Central as well as State levels, the process itself has offered us unique opportunities for strengthening our bonds with the stakeholders—the large majority of fishers in remote, mostly under-developed and environmentally challenged coastal villages. Despite the hardships, our staff members had to endure during the enumeration, the exercise could be taken to its logical end only because of the whole hearted cooperation extended by the fisherfolk and allied stakeholders of the nation.

I am happy to acknowledge the immense support and interest shown by the fisherfolk and allied stakeholders of the state who patiently provided all the required information to our staff members on the census job. The interface was well-mediated by the equally helpful assistance from the officials of the Department of Fisheries, Goa. Having conducted the Marine Fisheries Census in 2005 and 2010 with due funding support from the then Department of Animal Husbandry, Dairying and Fisheries (DADF), Government of India, we were well equipped to address any operational issues that may crop up during enumeration. Nevertheless, our staff members were provided with sufficient skill enhancement trainings, well prior to their systematic deployment in the field. It is pertinent to provide a glimpse into the kind of preparations we have undertaken for this exercise. Across the nine maritime states and two union territories, we developed census data collection forms in different languages, dispatched them to different centers, printed notices in vernacular languages, gave media circulation, coordinated census enumeration at all the locations,

made necessary supervisions, collected the forms back and finally brought them to the headquarters at Kochi for data digitization and data processing. The National Marine Fisheries Data Centre of ICAR-CMFRI coordinated the data entry, compilation and analysis. The entire scientific, technical, administrative and supporting staff of the Fishery Resources Assessment Division ably led by the division Head, Dr. T. V. Sathianandan, who made remarkable contributions in coming out with the census reports. Special thanks are due to all the scientific, technical, administrative and supporting staff of ICAR-CMFRI for their sincere involvements in the successful conduct of the census.

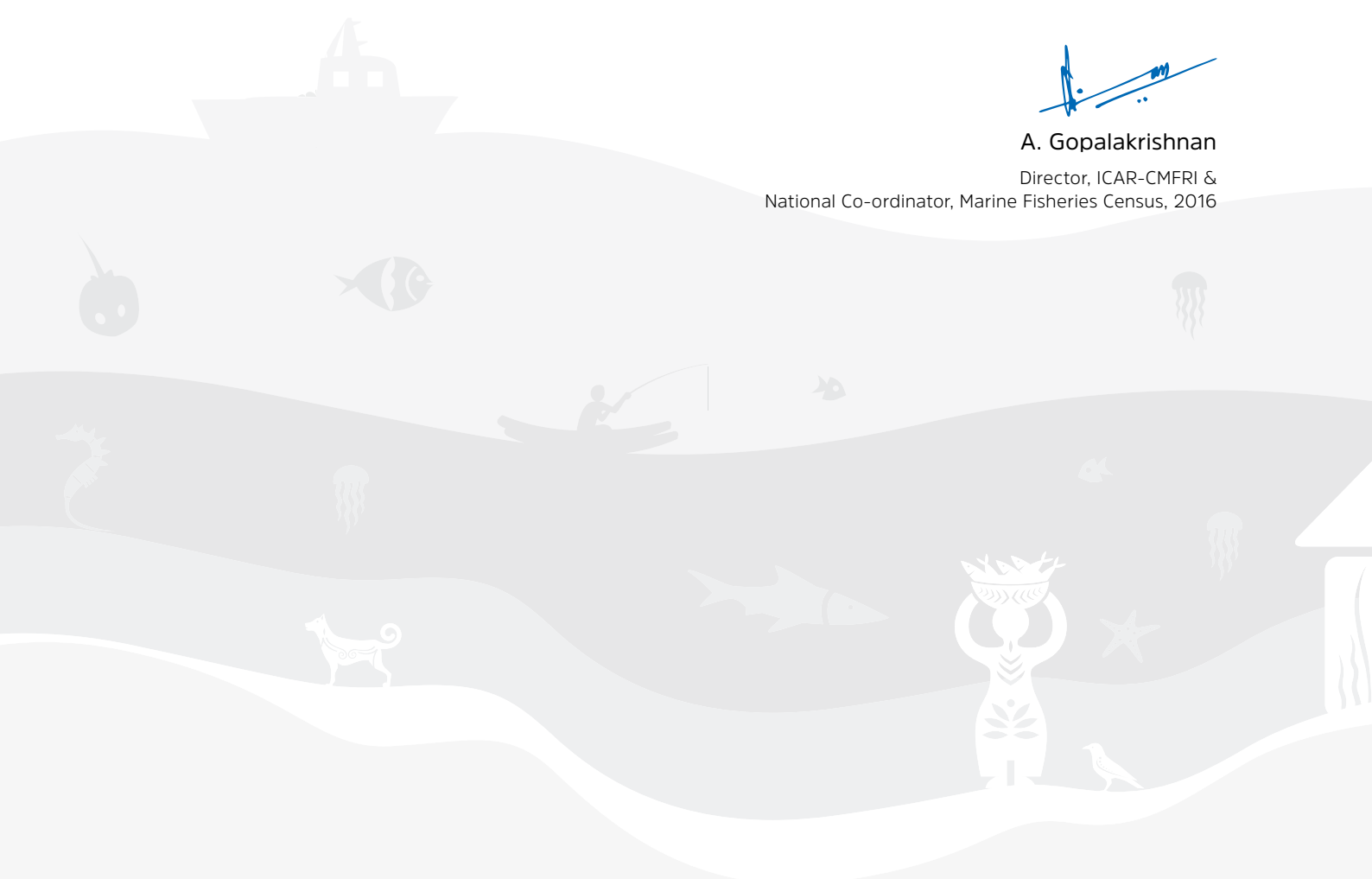
Once again, I am expressing my sincere thanks to the DADF, Govt of India (presently the Department of Fisheries – DoF) who supported by funding the census programme, ICAR officials who encouraged the activities, the entire CMFRI fraternity whose enthusiasm made this task a commendably collective feat.

Finally, I sincerely thank the Scientist-in-Charge, Karwar Research Centre of ICAR-CMFRI and all other staff for the support and help rendered in completing the Marine Fisheries Census 2016 successfully. I am sure this report will be of enormous use to all associated with the development of marine fisheries sector.



A. Gopalakrishnan

Director, ICAR-CMFRI &
National Co-ordinator, Marine Fisheries Census, 2016



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Summary

Marine Fisheries Census 2016 was carried out in the two coastal districts of Goa namely, South Goa and North Goa. The scope, time frame, the parameters, type of schedules used are described in Marine Fisheries Census 2016 India Report. The significant features are summarized below.

Fishing villages and landing centres

- There are 41 marine fishing villages spread along the Goa coast with 24 villages in South Goa district and 17 in North Goa district.
- The total number of marine fish landing centres in the state is 32, of which 20 belong to South Goa and 12 belong to North Goa.

Population

- There are 2,986 marine fishermen families in the state, with a total population of 12,651. The number of families in South Goa and North Goa are 1,966 and 1,020 respectively.
- South Goa accounted for 64% of the total fisherfolk population in Goa.
- Among 2,986 fishermen families, 98% are traditional fishermen.
- The average number of fishermen families in

a village is 73, accounting for 309 persons per village. The average family size is 4.

- In Goa, 76% of the population are adults, 52% of the total population are males and 48% females. The female to male ratio is 911 females per 1,000 males. This ratio is 902 for South Goa district and 926 for North Goa district.

Poverty

- There are 650 (22%) fishermen families below poverty line.
- The largest proportion of families below poverty line is in South Goa (89%).

Education

- In Goa, 78% of eligible fisherfolk are educated with different levels of education.
- About 20% of the eligible fisherfolk have primary level education, 42% have higher secondary, 10% have above higher secondary level of education, 6% have graduation & above and the rest 22% of the population are unschooled.

Occupation

- Among 2,758 active fisherfolk, the full time and part time fishermen are 1,778 and 933 respectively and rest of the fisherfolk are engaged in fish seed collection.

- There are 2,743 fisherfolk engaged in fishing allied activities, of whom 60% are associated with marketing of fish and about 7% are engaged in making/repairing net.
- Women outweighed men in fishing allied activities accounting for about 73%. Among the fishing allied activities women dominate in marketing (94%). Maximum number of fisherfolk engaged in fishing allied activities belong to South Goa (64%).
- About 54% of those engaged in marketing of fish belong to South Goa, whereas 73% of those involved in making/repairing net belong to North Goa.

Aquaculture activities

- There are 56 fishermen families engaged in aquaculture, of which 9 families are engaged in fish aquaculture, 13 of them engaged in crab aquaculture, 27 of them engaged in clam aquaculture and rest engaged in other types of aquaculture.
- Only one family reportedly acquired training in aquaculture and it is in South Goa.

Religion

- In Goa, majority of the fishing families are Hindus (62%), followed by Christians (37%) and Muslims constituted the rest (1%).
- No SC/ST fishermen families were recorded from North Goa. The overall percentage of SC/ST among the marine fishermen families is only 0.13%

Membership in co-operatives

- 21% of the adult fisherfolk have membership in co-operative societies of which 76% have membership in fisheries co-operative societies.

Craft in the fishery

- There are 1,982 fishing crafts in operation in the fishery in Goa, of which 858 (43%) are mechanized, 942 (48%) are motorized and non-motorized formed the rest (9%).
- Trawlers (70%) and purse seiners (24%) are the main fishing fleets in the mechanized sector.
- Of the total 600 trawlers in Goa, 63% belong to South Goa.

Craft owned by the fisherfolk

- There are 2,212 fishing crafts completely owned by fisherfolk, of which 153 are mechanized, 1,183 motorized and 876 non-motorized.
- Among the mechanized crafts fully owned by fishermen families, trawlers accounted for 71% followed by purse seiners (27%).
- There are 66 fishing crafts partially owned by fisherfolk, of which 26 are mechanized and 40 are motorized.

Life saving and electronic equipment

- In Goa, 1,179 marine fishermen families have life saving equipment and 1,851 families have mobile phones.
- The maximum number of fisherfolk families with life saving equipment belong to South Goa (71%) district.
- Among fisherfolk families in the state, only 94 families have crafts with GPS.

Infrastructure

- In Goa, 96% of the fishermen houses are *pucca* houses.
- Most of the marine fishermen families (92%) in Goa depend on tap water facility as source of potable water. For the remaining families potable water sources are well, borewell etc.
- There are 70 primary schools, 31 secondary schools, 3 colleges in the fishing villages of Goa.
- Almost all the fishing villages (99%) are electrified, 85% have bus stop/stand and all the fishing villages have cell phone coverage.
- There are 3 ice factories and 2 boat yards located inside the fishing villages of Goa.



District-wise tables



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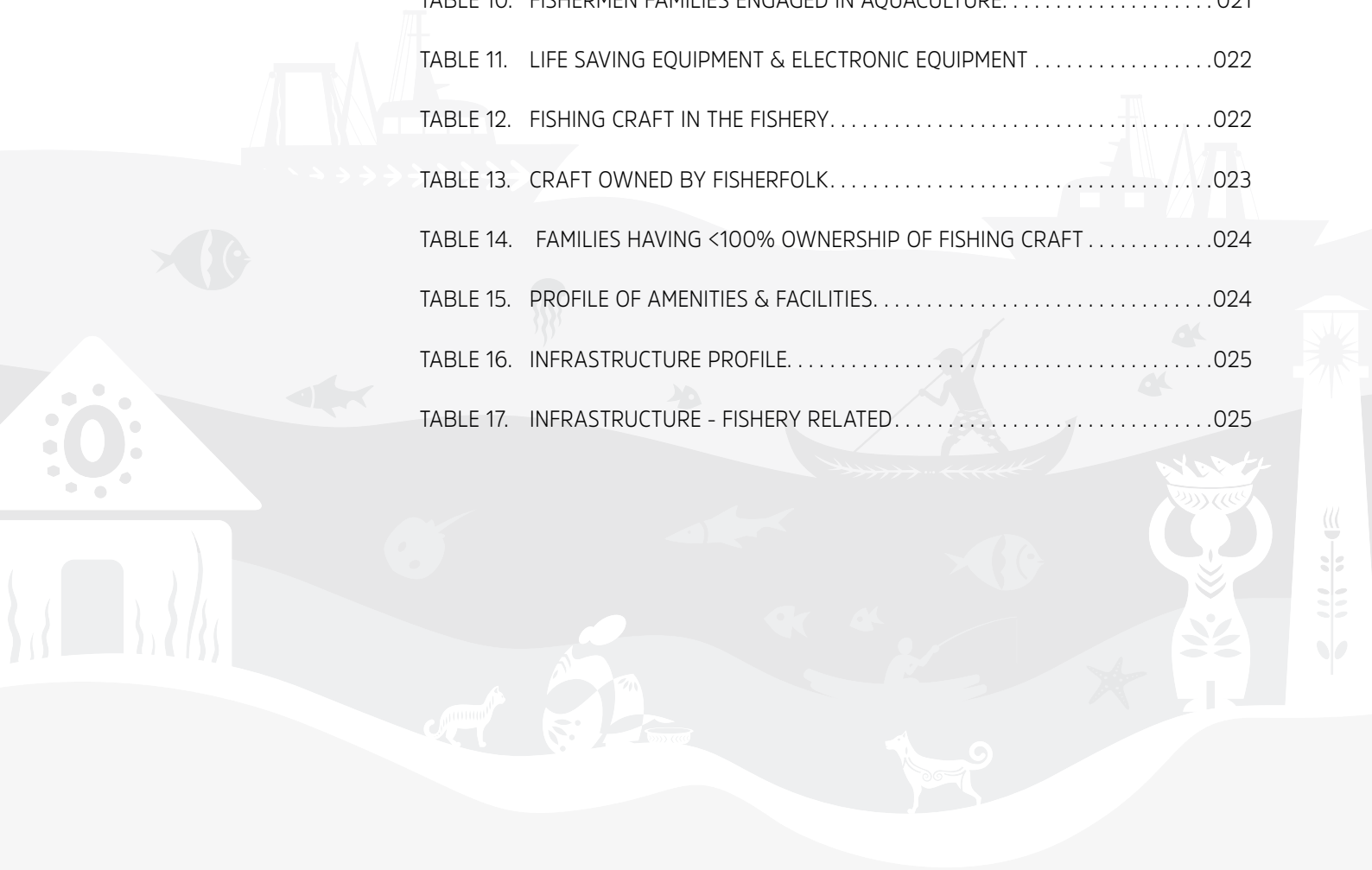


TABLE 1. DISTRICT PROFILE

District	Landing centres	Fishing villages	Fishermen families	Traditional fishermen families	BPL families	Fisherfolk population
South Goa	20	24	1,966	1,951	579	8,121
North Goa	12	17	1,020	971	71	4,530
Total	32	41	2,986	2,922	650	12,651

TABLE 2. HOUSING - SCALE & AMENITIES (No. of houses)

District	Total households	Pucca	Kutcha	Rooms less than 3	Without toilet	Electrified	Potable water source access			
							Tap water	Well	Borewell	Others
South Goa	1,966	1,904	62	388	134	1,959	1,895	51	3	17
North Goa	1,020	970	50	280	145	996	853	126	30	11
Total	2,986	2,874	112	668	279	2,955	2,748	177	33	28

TABLE 3. POPULATION DISTRIBUTION STRUCTURE

District	Male				Female				Total	Average family size	Sex ratio (females per 1,000 males)
	Adult		Children		Adult		Children				
	UP to 5 yrs	Above 5 yrs	UP to 5 yrs	Above 5 yrs	UP to 5 yrs	Above 5 yrs	UP to 5 yrs	Above 5 yrs			
South Goa	3,145	244	880	209	2,921	722	8,121	4	902		
North Goa	1,831	134	387	143	1,689	346	4,530	4	926		
Total	4,976	378	1,267	352	4,610	1,068	12,651	4	911		

TABLE 4. EDUCATIONAL STATUS

District	Primary		Higher Secondary		Above Higher Secondary		Graduation and above	
	Male	Female	Male	Female	Male	Female	Male	Female
	South Goa	784	771	1,963	1,486	366	341	190
North Goa	404	410	891	648	288	223	141	142
Total	1,188	1,181	2,854	2,134	654	564	331	396

TABLE 5. ACTIVE FISHERFOLK

District	Actual fishing		Fish seed collection				Total
	Full time	Part time	Full time		Part time		
			Male	Female	Male	Female	
South Goa	1,057	513	18	3	2	5	1,598
North Goa	721	420	4	9	4	2	1,160
Total	1,778	933	22	12	6	7	2,758

TABLE 6. OCCUPATION PROFILE

District	Active fishermen	No. of members involved in fishing allied activities						Other than fishing	Total occupied
		Marketing of fish		Curing/ Processing	Peeling	Labourer	Others		
		Making/ Repairing Net							
South Goa	1,598	881	56	5	2	166	658	480	3,846
North Goa	1,160	754	150	0	0	19	52	302	2,437
Total	2,758	1,635	206	5	2	185	710	782	6,283

TABLE 7. GENDER-WISE FISHING ALLIED ACTIVITIES

District	Marketing of fish		Making/ Repairing Net		Curing/ Processing		Peeling		Labourer		Others	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
South Goa	70	811	50	6	5	0	1	1	159	7	287	371
North Goa	35	719	139	11	0	0	0	0	9	10	1	51
Total	105	1,530	189	17	5	0	1	1	168	17	288	422

TABLE 8. RELIGION AND COMMUNITY (No. of families)

District	Religion			Total	Community SC/ST
	Hinduism	Islam	Christianity		
South Goa	1,216	29	721	1,966	4
North Goa	648	0	372	1,020	0
Total	1,864	29	1,093	2,986	4

TABLE 9. MEMBERSHIP IN CO-OPERATIVES

District	Members in			Total
	Fisheries co-operatives	Other co-operatives		
South Goa	1,084	413		1,497
North Goa	473	87		560
Total	1,557	500		2,057

TABLE 10. FISHERMEN FAMILIES ENGAGED IN AQUACULTURE

District	Type of aquaculture				Acquired training
	Fish	Crab	Clam	Others	
South Goa	7	0	0	0	1
North Goa	2	13	27	7	0
Total	9	13	27	7	1

TABLE 11. LIFE SAVING EQUIPMENT & ELECTRONIC EQUIPMENT (No. of families)

District	Life saving equipment	Electronic /Communication gadgets					Others
		Mobile phone	GPS	Radio phone	Echo sounder		
South Goa	833	1,236	80	2	0	94	
NorthGoa	346	615	14	0	1	10	
Total	1,179	1,851	94	2	1	104	

TABLE 12. FISHING CRAFT IN THE FISHERY

District	Mechanized			Motorized		Non-motorized	Total
	Trawlers	Purseineer	Others	Inboard	Outboard		
South Goa	375	156	21	4	522	114	1,192
North Goa	225	53	28	1	415	68	790
Total	600	209	49	5	937	182	1,982

TABLE 13. CRAFT OWNED BY FISHERFOLK (Full ownership)

Type	South Goa	North Goa	Total
Mechanized			
Trawler	73	36	109
Gillnetter	2	0	2
Purse seiner	27	15	42
Inboard			
Wooden built	13	0	13
Wood fibre	5	3	8
Others	1	0	1
Outboard			
Catamaran	2	1	3
Dugout canoe	7	3	10
Plank built boat	155	56	211
Plywood boat	1	0	1
Fibre glass boat	499	436	935
Others	1	0	1
Non-motorized			
Dugout canoe	196	45	241
Plank built boat	432	142	574
Ferro cement boat	0	3	3
Others	39	19	58



TABLE 14. FAMILIES HAVING <100% OWNERSHIP OF FISHING CRAFT

Type	South Goa	North Goa	Total
Mechanized			
Trawler	1	1	2
Purse seiner	12	12	24
Inboard			
Wooden built	1	0	1
Outboard			
Dugout canoe	0	1	1
Plank built boat	3	0	3
Fibre glass boat	14	21	35

TABLE 15. PROFILE OF AMENITIES & FACILITIES

District	No. of fishing villages	Villages having						
		Bus stops	Hospitals	Post Offices	Police stations	Mob. phone coverage	Boat jetties	Market facilities
South Goa	24	22	9	11	4	24	5	12
North Goa	17	13	9	11	6	17	1	14
Total	41	35	18	22	10	41	6	26

TABLE 16. INFRASTRUCTURE PROFILE

District	No. of fishing villages	Number of									
		Primary schools	Secondary schools	Colleges	Banks	Co-operative Societies	Fisheries Co-operative Societies	Other Co-operative Societies	Cinema theatres	Liquor shops	Petrol bunks
South Goa	24	35	12	1	31	19	14	24	1	376	5
North Goa	17	35	19	2	40	22	27	24	0	449	1
Total	41	70	31	3	71	41	41	48	1	825	6

TABLE 17. INFRASTRUCTURE - FISHERY RELATED (In the villages)

District	Boatyard	Ice factories
South Goa	2	2
North Goa	0	1
Total	2	3



Village-wise tables



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TABLE 1. VILLAGE SUMMARY

SI No.	Name of the village	Fishermen families	Traditional fishermen families	BPL families	Fisherfolk population
DISTRICT: SOUTH GOA					
TALUK: CANACONA					
1	Agonda	114	114	35	441
2	Galgibag	68	68	26	270
3	Kindlebag	141	141	34	588
4	Mangan	59	59	37	207
5	Matvem	15	15	5	61
6	Nuvern	56	55	34	213
7	Palolem	129	129	64	507
8	Patnem & Colomb	186	183	16	611
9	Pollem	14	10	0	61
10	Saleri	120	120	96	548
11	Talpona	107	107	61	408
TALUK: MARMAGOA					
12	Baina	80	80	0	438
13	Bogmolo	28	28	0	132
14	Vasco-Da-Gama	42	40	0	202
TALUK: SALTETE					
15	Ambelim	131	128	79	551
16	Assolha	139	139	45	542
17	Benaullim	135	135	0	592
18	Betul	45	45	3	184
19	Betul (Bapsora)	122	122	8	517
20	Cavelossim	15	15	0	86
21	Colva	47	47	0	232
22	Cotbona	63	63	36	260
23	Varca	15	15	0	74
24	Velsao	95	93	0	396
SOUTH GOA TOTAL		1,966	1,951	579	8,121

TABLE 1. Contd...

SI No.	Name of the village	Fishermen families	Traditional fishermen families	BPL families	Fisherfolk population
DISTRICT: NORTH GOA					
TALUK: BARDEZ					
1	Baga (Santawada)	37	37	6	195
2	Calangute	56	56	0	255
3	Candolim	45	45	0	187
4	Chapora	182	178	9	702
5	Nerul	126	126	3	569
6	Shivollim	68	68	30	283
TALUK: PERNEM					
7	Chopdem	39	38	5	180
8	Harmal	137	137	5	597
9	Mandrem	11	11	1	56
10	Morjim	79	49	6	433
11	Querim	66	66	2	233
TALUK: TISWADI					
12	Agassaim	30	30	1	140
13	Cacra	26	25	0	109
14	Caranzalem	34	34	3	162
15	Nauxi	22	22	0	119
16	Odxel	32	32	0	162
17	Sirdona	30	17	0	148
NORTH GOA TOTAL		1,020	971	71	4,530
GOA TOTAL		2,986	2,922	650	12,651

TABLE 2. HOUSING - SCALE & AMENITIES (No. of houses)

SI No.	Name of the village	Total households	Pucca	Kutcha	Rooms less than 3	Without toilet	Electrified	Potable water source access			
								Tap water	Well	Borewell	Others
DISTRICT: SOUTH GOA											
TALUK: CANACONA											
1	Agonda	114	114	0	14	7	114	105	7	0	2
2	Galgibag	68	66	2	30	2	68	63	5	0	0
3	Kindlebag	141	137	4	36	1	140	141	0	0	0
4	Mangan	59	59	0	8	0	59	59	0	0	0
5	Matvem	15	12	3	4	7	14	10	1	0	4
6	Nuvern	56	46	10	11	20	53	46	3	0	7
7	Palolem	129	129	0	80	0	129	129	0	0	0
8	Patnem & Colomb	186	182	4	3	0	185	186	0	0	0
9	Pollem	14	14	0	6	0	14	7	7	0	0
10	Saleri	120	120	0	14	26	120	114	4	1	1
11	Talpona	107	80	27	69	19	107	100	6	0	1
TALUK: MARMAGOA											
12	Baina	80	79	1	20	2	80	80	0	0	0
13	Bogmolo	28	27	1	3	15	28	15	11	0	2
14	Vasco-Da-Gama	42	42	0	12	3	42	42	0	0	0
TALUK: SALCETE											
15	Ambelim	131	124	7	9	0	131	131	0	0	0
16	Assolha	139	139	0	16	0	139	139	0	0	0
17	Benaullim	135	135	0	33	0	135	135	0	0	0
18	Betul	45	45	0	0	5	45	45	0	0	0
19	Betul (Bapsora)	122	122	0	2	16	121	116	4	2	0
20	Cavellossim	15	15	0	1	0	15	15	0	0	0
21	Colva	47	47	0	8	0	47	46	1	0	0
22	Cotbona	63	61	2	5	0	63	63	0	0	0
23	Varca	15	15	0	3	0	15	15	0	0	0

TABLE 2. Contd...

SI No.	Name of the village	Total households	Pucca	Kutchha	Rooms less than 3	Without toilet	Electrified	Potable water source access			
								Tap water	Well	Borewell	Others
24	Velsao	95	94	1	1	11	95	93	2	0	0
SOUTH GOA TOTAL		1,966	1,904	62	388	134	1,959	1,895	51	3	17
DISTRICT: NORTH GOA											
TALUK: BARDEZ											
1	Baga (Santawada)	37	37	0	7	0	37	24	13	0	0
2	Calangute	56	56	0	0	0	56	53	3	0	0
3	Candolim	45	44	1	1	2	45	41	3	0	1
4	Chapora	182	179	3	106	44	178	175	0	0	7
5	Nerul	126	123	3	0	8	109	96	30	0	0
6	Shivolim	68	68	0	34	0	68	68	0	0	0
TALUK: PERNEM											
7	Chopdem	39	36	3	4	6	38	38	1	0	0
8	Harmal	137	119	18	44	20	136	101	33	1	2
9	Mandrem	11	8	3	0	1	11	10	1	0	0
10	Morjim	79	63	16	5	8	78	75	3	0	1
11	Querim	66	63	3	36	5	66	0	37	29	0
TALUK: TISWADI											
12	Agassaim	30	30	0	1	0	30	30	0	0	0
13	Cacra	26	26	0	13	24	26	26	0	0	0
14	Caranzalem	34	34	0	6	5	34	32	2	0	0
15	Nauxi	22	22	0	6	0	22	22	0	0	0
16	Odxel	32	32	0	14	22	32	32	0	0	0
17	Siridona	30	30	0	3	0	30	30	0	0	0
NORTH GOA TOTAL		1,020	970	50	280	145	996	853	126	30	11
GOA TOTAL		2,986	2,874	112	668	279	2,955	2,748	177	33	28

TABLE 3. POPULATION DISTRIBUTION STRUCTURE

SI No.	Name of the village	Male		Female		Total	Average family size	Sex ratio (females per 1,000 males)		
		Adult		Children						
		Upto 5 yrs	Above 5 yrs	Upto 5 yrs	Above 5 yrs					
DISTRICT: SOUTH GOA										
TALUK: CANACONA										
1	Agonda	171	14	42	168	10	36	441	4	943
2	Galgibag	157	7	42	24	5	35	270	4	311
3	Kindlebag	204	14	71	230	13	56	588	4	1,035
4	Mangan	91	8	12	75	9	12	207	4	865
5	Matvem	20	0	6	21	1	13	61	4	1,346
6	Nuvm	94	7	18	74	5	15	213	4	790
7	Palolem	176	21	47	196	21	46	507	4	1,078
8	Patnem & Colomb	167	26	141	194	9	74	611	3	829
9	Pollem	15	2	16	17	2	9	61	4	848
10	Saleri	217	19	58	197	13	44	548	5	864
11	Talpona	158	9	40	156	10	35	408	4	971
TALUK: MARMAGOA										
12	Baina	182	21	31	151	16	37	438	5	872
13	Bogmolo	61	2	5	57	0	7	132	5	941
14	Vasco-Da-Gama	74	11	11	90	5	11	202	5	1,104
TALUK: SALCETE										
15	Ambelim	215	9	46	212	22	47	551	4	1,041
16	Assolha	218	14	48	216	9	37	542	4	936
17	Benaulim	230	25	52	211	28	46	592	4	928
18	Betul	71	4	18	72	4	15	184	4	978
19	Betul (Bapsora)	199	6	71	186	6	49	517	4	873
20	Cavellossim	35	1	9	29	2	10	86	6	911
21	Colva	92	4	22	78	4	32	232	5	966
22	Cotbona	104	3	37	94	3	19	260	4	806

TABLE 3. Contd...

SI No.	Name of the village	Male				Female				Total	Average family size	Sex ratio (females per 1,000 males)
		Adult		Children		Adult		Children				
		Upto 5 yrs	Above 5 yrs	Upto 5 yrs	Above 5 yrs	Upto 5 yrs	Above 5 yrs	Upto 5 yrs	Above 5 yrs			
23	Varca	25	4	6	31	2	6	74	5	1,114		
24	Velsao	169	13	31	142	10	31	396	4	859		
SOUTH GOA TOTAL		3,145	244	880	2,921	209	722	8,121	4	902		
DISTRICT: NORTH GOA												
TALUK: BARDEZ												
1	Baga (Santawada)	75	10	12	66	5	27	195	5	1,010		
2	Calangute	112	1	22	87	9	24	255	5	889		
3	Candolim	73	3	19	71	8	13	187	4	968		
4	Chapora	291	14	63	269	19	46	702	4	908		
5	Nerul	215	14	54	213	21	52	569	5	1,011		
6	Shivollim	111	11	17	112	9	23	283	4	1,036		
TALUK: PERNEM												
7	Chopdem	66	4	20	69	4	17	180	5	1,000		
8	Harmal	252	19	54	219	15	38	597	4	837		
9	Mandrem	23	1	6	20	2	4	56	5	867		
10	Morjim	199	12	20	161	14	27	433	5	874		
11	Querim	93	8	21	93	6	12	233	4	910		
TALUK: TISWADI												
12	Agassaim	56	2	14	56	3	9	140	5	944		
13	Cacra	42	5	9	40	5	8	109	4	946		
14	Caranzalem	63	7	17	60	4	11	162	5	862		
15	Nauxi	45	5	8	47	8	6	119	5	1,052		
16	Odxel	55	12	15	55	5	20	162	5	976		
17	Siridona	60	6	16	51	6	9	148	5	805		
NORTH GOA TOTAL		1,831	134	387	1,689	143	346	4,530	4	926		
GOA TOTAL		4,976	378	1,267	4,610	352	1,068	12,651	4	911		

TABLE 4. EDUCATIONAL STATUS

SI No.	Name of the village	Primary		Higher Secondary		Above Higher Secondary		Graduation and above	
		Male	Female	Male	Female	Male	Female	Male	Female
DISTRICT: SOUTH GOA									
TALUK: CANACONA									
1	Agonda	38	35	97	82	21	24	13	11
2	Galgibag	28	12	55	22	9	9	6	4
3	Kindlebag	89	120	155	141	16	11	4	2
4	Mangan	26	44	65	30	6	7	0	1
5	Matvem	5	11	9	4	0	0	2	0
6	Nuvern	30	25	33	26	3	0	4	4
7	Palolem	49	48	156	152	6	9	5	9
8	Patnem & Colomb	23	12	147	95	26	26	11	23
9	Pollern	1	4	3	5	2	1	1	2
10	Saleri	40	33	134	96	30	18	10	19
11	Talpona	94	76	59	39	15	7	6	8
TALUK: MARMAGOA									
12	Baina	50	32	74	57	22	24	13	24
13	Bogmolo	9	10	41	33	4	8	0	0
14	Vasco-Da-Gama	21	31	37	33	12	20	11	7
TALUK: SALCETE									
15	Ambelim	25	32	125	84	48	34	35	48
16	Assolha	38	30	126	77	50	46	37	50
17	Benaullim	50	32	105	91	27	37	0	3
18	Betul	23	26	51	44	4	4	7	7
19	Betul (Bapsora)	62	79	169	127	13	12	10	7
20	Cavelossim	8	8	19	18	2	4	0	0
21	Colva	22	17	73	60	11	18	1	1
22	Cotbona	9	8	80	55	31	13	11	21
23	Varca	5	4	25	25	0	2	0	0
24	Velsao	39	42	125	90	8	7	3	3
SOUTH GOA TOTAL		784	771	1,963	1,486	366	341	190	254

TABLE 4. Contd...

SI No.	Name of the village	Primary		Higher Secondary		Above Higher Secondary		Graduation and above	
		Male	Female	Male	Female	Male	Female	Male	Female
DISTRICT: NORTH GOA									
TALUK: BARDEZ									
1	Baga (Santawada)	36	20	24	34	20	23	7	5
2	Calangute	7	3	35	16	16	14	2	5
3	Candolim	8	7	20	10	6	5	1	2
4	Chapora	62	72	154	126	55	31	45	49
5	Nerul	26	21	55	36	16	20	5	5
6	Shivollim	27	48	37	22	45	35	14	12
TALUK: PERNEM									
7	Chopdem	11	9	62	47	1	3	7	12
8	Harmal	59	48	134	103	26	14	17	11
9	Mandrem	3	1	14	14	2	0	2	2
10	Morjim	17	25	140	81	9	2	19	16
11	Querim	22	34	40	40	36	22	6	0
TALUK: TISWADI									
12	Agassaim	26	24	27	18	11	14	6	8
13	Cacra	15	9	24	17	6	5	0	1
14	Caranzalem	30	36	26	18	19	6	3	6
15	Nauxi	12	21	35	11	6	15	0	4
16	Odxel	14	12	34	32	4	5	3	3
17	Sirdona	29	20	30	23	10	9	4	1
NORTH GOA TOTAL		404	410	891	648	288	223	141	142
GOA TOTAL		1,188	1,181	2,854	2,134	654	564	331	396

TABLE 5. ACTIVE FISHERFOLK

SI No.	Name of the village	Actual fishing		Fish seed collection				Total
		Part time		Full time		Part time		
		Male	Female	Male	Female	Male	Female	
DISTRICT: SOUTH GOA								
TALUK: CANACONA								
1	Agonda	88	11	1	1	0	0	101
2	Galgibag	18	28	0	0	0	0	46
3	Kindlebag	16	30	0	0	1	1	48
4	Mangan	0	17	0	0	0	0	17
5	Matvem	11	0	0	0	0	0	11
6	Nuvm	23	7	6	0	0	0	36
7	Palolem	52	16	0	0	0	0	68
8	Patnem & Colomb	67	69	8	0	0	0	144
9	Pollem	13	0	0	0	0	0	13
10	Saleri	112	8	2	2	0	0	124
11	Talpona	82	18	0	0	0	2	102
TALUK: MARMAGOA								
12	Baina	121	12	0	0	0	0	133
13	Bogmolo	27	24	0	0	0	0	51
14	Vasco-Da-Gama	42	13	0	0	0	0	55
TALUK: SALCETE								
15	Ambelim	60	43	0	0	0	0	103
16	Assolha	39	66	0	0	0	0	105
17	Benaulim	58	23	0	0	0	0	81
18	Betul	29	0	0	0	0	0	29
19	Betul (Bapsora)	57	26	1	0	0	0	84
20	Cavelossim	6	5	0	0	0	0	11
21	Colva	20	12	0	0	1	0	33
22	Cotbona	26	21	0	0	0	2	49

TABLE 5. Contd...

SI No.	Name of the village	Actual fishing		Fish seed collection				Total
		Full time	Part time	Full time		Part time		
				Male	Female	Male	Female	
23	Varca	5	10	0	0	0	0	15
24	Velsao	85	54	0	0	0	0	139
SOUTH GOA TOTAL		1,057	513	18	3	2	5	1,598
DISTRICT: NORTH GOA								
TALUK: BARDEZ								
1	Baga (Santawada)	50	10	0	0	0	0	60
2	Calangute	26	29	0	0	0	0	55
3	Candolim	20	20	0	0	0	0	40
4	Chapora	56	107	0	4	2	0	169
5	Nerul	92	41	0	0	0	0	133
6	Shivolim	61	12	0	0	0	0	73
TALUK: PERNEM								
7	Chopdem	6	23	0	0	0	0	29
8	Harmal	94	71	4	5	2	2	178
9	Mandrem	16	3	0	0	0	0	19
10	Morjim	53	38	0	0	0	0	91
11	Querim	28	34	0	0	0	0	62
TALUK: TISWADI								
12	Agassaim	22	8	0	0	0	0	30
13	Cacra	26	8	0	0	0	0	34
14	Caranzalem	48	9	0	0	0	0	57
15	Nauxi	33	3	0	0	0	0	36
16	Odxel	48	0	0	0	0	0	48
17	Siridona	42	4	0	0	0	0	46
NORTH GOA TOTAL		721	420	4	9	4	2	1,160
GOA TOTAL		1,778	933	22	12	6	7	2,758

TABLE 6. OCCUPATION PROFILE

SI No.	Name of the village	Active fishermen	No. of members involved in fishing allied activities							Other than fishing	Total occupied
			Marketing of fish	Making/ Repairing Net	Curing/ Processing	Peeling	Labourer	Others			
DISTRICT: SOUTH GOA											
TALUK: CANACONA											
1	Agonda	101	42	7	0	0	0	14	45	11	220
2	Galgibag	46	8	0	0	0	0	4	9	0	67
3	Kindlebag	48	30	2	0	0	0	3	208	24	315
4	Mangan	17	5	1	0	0	0	0	91	3	117
5	Matvem	11	2	0	0	0	0	5	4	0	22
6	Nuvern	36	1	0	0	0	0	5	12	0	54
7	Palolem	68	12	1	0	0	0	84	122	2	289
8	Patnem & Colomb	144	50	6	0	0	0	1	3	24	228
9	Pollem	13	0	0	0	0	0	0	14	0	27
10	Saleri	124	37	7	0	1	13	30	30	17	229
11	Talpona	102	98	14	0	0	0	0	37	0	251
TALUK: MARMAGOA											
12	Baina	133	71	0	0	0	0	0	0	0	204
13	Bogmolo	51	25	0	0	0	0	2	2	0	80
14	Vasco-Da-Gama	55	42	0	0	0	0	0	0	0	97
TALUK: SALTETE											
15	Ambelim	103	75	0	0	0	0	0	17	119	314
16	Assolha	105	68	0	0	0	0	0	2	109	284
17	Benaullim	81	67	11	0	0	0	15	0	0	174
18	Betul	29	22	0	0	0	0	3	2	24	80
19	Betul (Bapsora)	84	72	1	0	0	0	0	29	85	271
20	Cavellossim	11	6	5	0	0	0	1	0	0	23
21	Colva	33	33	0	5	1	3	0	0	0	75
22	Cotbona	49	23	0	0	0	0	1	21	58	152
23	Varca	15	5	0	0	0	0	1	0	0	21

TABLE 6. Contd...

SI No.	Name of the village	Active fishermen	No. of members involved in fishing allied activities										Other than fishing	Total occupied
			Marketing of fish	Repairing Net	Making/ Processing	Curing/ Peeling	Labourer	Others						
24	Velsao	139	87	1	0	0	0	11	10	4	252	4	252	
SOUTH GOA TOTAL		1,598	881	56	5	2	166	658	480	3,846				
DISTRICT: NORTH GOA														
TALUK: BARDEZ														
1	Baga (Santawada)	60	37	0	0	0	9	0	1	107	1	107		
2	Calangute	55	60	14	0	0	0	0	0	129	0	129		
3	Candolim	40	39	6	0	0	0	0	0	85	0	85		
4	Chapora	169	24	1	0	0	0	42	145	381	0	381		
5	Nerul	133	118	4	0	0	0	1	0	256	0	256		
6	Shivolim	73	57	0	0	0	1	0	23	154	0	154		
TALUK: PERNEM														
7	Chopdem	29	20	8	0	0	0	0	21	78	0	78		
8	Harmal	178	117	48	0	0	4	6	16	369	0	369		
9	Mandrem	19	10	6	0	0	1	0	1	37	0	37		
10	Morjim	91	44	38	0	0	4	0	32	209	0	209		
11	Querim	62	57	25	0	0	0	0	0	144	0	144		
TALUK: TISWADI														
12	Agassaim	30	23	0	0	0	0	0	27	80	0	80		
13	Cacra	34	27	0	0	0	0	3	0	64	0	64		
14	Caranzalem	57	31	0	0	0	0	0	18	106	0	106		
15	Nauxi	36	25	0	0	0	0	0	7	68	0	68		
16	Odxel	48	32	0	0	0	0	0	0	80	0	80		
17	Siridona	46	33	0	0	0	0	0	11	90	0	90		
NORTH GOA TOTAL		1,160	754	150	0	0	19	52	302	2,437		2,437		
GOA TOTAL		2,758	1,635	206	5	2	185	710	782	6,283				

TABLE 7. GENDER-WISE FISHING ALLIED ACTIVITIES

SI No.	Name of the village	Marketing of fish		Making/ Repairing Net		Curing/ Processing		Peeling		Labourer		Others	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
DISTRICT: SOUTH GOA													
TALUK: CANACONA													
1	Agonda	0	42	5	2	0	0	0	0	14	0	14	31
2	Galgibag	4	4	0	0	0	0	0	0	4	0	2	7
3	Kindlebag	1	29	2	0	0	0	0	0	3	0	107	101
4	Mangan	0	5	1	0	0	0	0	0	0	0	44	47
5	Matvem	1	1	0	0	0	0	0	0	5	0	4	0
6	Nuvern	0	1	0	0	0	0	0	0	2	3	12	0
7	Palolem	0	12	1	0	0	0	0	0	84	0	14	108
8	Patnem & Colomb	0	50	5	1	0	0	0	0	0	1	2	1
9	Pollem	0	0	0	0	0	0	0	0	0	0	0	14
10	Saleri	0	37	4	3	0	0	1	0	13	0	10	20
11	Talpona	8	90	14	0	0	0	0	0	0	0	19	18
TALUK: MARMAGOA													
12	Baina	7	64	0	0	0	0	0	0	0	0	0	0
13	Bogmolo	5	20	0	0	0	0	0	0	2	0	1	1
14	Vasco-Da-Gama	2	40	0	0	0	0	0	0	0	0	0	0
TALUK: SALCETE													
15	Ambelim	11	64	0	0	0	0	0	0	0	0	12	5
16	Assolha	7	61	0	0	0	0	0	0	0	0	0	2
17	Benaulim	6	61	11	0	0	0	0	0	15	0	0	0
18	Betul	0	22	0	0	0	0	0	0	3	0	2	0
19	Betul (Bapsora)	4	68	1	0	0	0	0	0	0	0	29	0
20	Cavellossim	4	2	5	0	0	0	0	0	1	0	0	0
21	Colva	5	28	0	0	5	0	0	1	3	0	0	0
22	Cotbona	4	19	0	0	0	0	0	0	0	1	8	13
23	Varca	0	5	0	0	0	0	0	0	1	0	0	0

TABLE 7. Contd...

SI No.	Name of the village	Marketing of fish				Making/ Repairing Net		Curing/ Processing		Peeling		Labourer		Others	
		Male		Female		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
24	Velsao	1	86	1	0	0	0	0	0	0	0	9	2	7	3
SOUTH GOA TOTAL		70	811	50	6	5	0	1	1	159	7	287	371		
DISTRICT: NORTH GOA															
TALUK: BARDEZ															
1	Baga (Santawada)	0	37	0	0	0	0	0	0	0	9	0	0	0	0
2	Calangute	0	60	14	0	0	0	0	0	0	0	0	0	0	0
3	Candolim	0	39	5	1	0	0	0	0	0	0	0	0	0	0
4	Chapora	4	20	0	1	0	0	0	0	0	0	0	0	0	42
5	Nerul	0	118	3	1	0	0	0	0	0	0	0	0	0	1
6	Shivollim	1	56	0	0	0	0	0	0	1	0	0	0	0	0
TALUK: PERNEM															
7	Chopdem	7	13	7	1	0	0	0	0	0	0	0	0	0	0
8	Harmal	11	106	46	2	0	0	0	0	3	1	1	1	5	0
9	Mandrem	1	9	6	0	0	0	0	0	1	0	0	0	0	0
10	Morjim	2	42	38	0	0	0	0	0	4	0	0	0	0	0
11	Querim	8	49	20	5	0	0	0	0	0	0	0	0	0	0
TALUK: TISWADI															
12	Agassaim	1	22	0	0	0	0	0	0	0	0	0	0	0	0
13	Cacra	0	27	0	0	0	0	0	0	0	0	0	0	0	3
14	Caranzalem	0	31	0	0	0	0	0	0	0	0	0	0	0	0
15	Nauxi	0	25	0	0	0	0	0	0	0	0	0	0	0	0
16	Odxel	0	32	0	0	0	0	0	0	0	0	0	0	0	0
17	Siridona	0	33	0	0	0	0	0	0	0	0	0	0	0	0
NORTH GOA TOTAL		35	719	139	11	0	0	0	0	9	10	168	17	288	422
GOA TOTAL		105	1,530	189	17	5	0	1	1	168	17	288	422		

TABLE 8. RELIGION AND COMMUNITY (No. of families)

SI No.	Name of the village	Religion			Total	Community SC/ST
		Hinduism	Islam	Christianity		
DISTRICT: SOUTH GOA						
TALUK: CANACONA						
1	Agonda	111	0	3	114	0
2	Galgibag	68	0	0	68	0
3	Kindlebag	141	0	0	141	0
4	Mangan	59	0	0	59	0
5	Matvem	15	0	0	15	0
6	Nuvern	56	0	0	56	0
7	Palolem	129	0	0	129	0
8	Patnem & Colomb	186	0	0	186	0
9	Pollern	14	0	0	14	0
10	Saleri	120	0	0	120	0
11	Talpona	107	0	0	107	0
TALUK: MARMAGOA						
12	Baina	33	25	22	80	3
13	Bogmolo	1	0	27	28	0
14	Vasco-Da-Gama	1	3	38	42	0
TALUK: SALCETE						
15	Ambelim	0	0	131	131	0
16	Assolha	0	0	139	139	1
17	Benaulim	0	0	135	135	0
18	Betul	45	0	0	45	0
19	Betul (Bapsora)	122	0	0	122	0
20	Cavelossim	0	0	15	15	0
21	Colva	0	0	47	47	0
22	Cotbona	0	0	63	63	0
23	Varca	0	0	15	15	0
24	Velsao	8	1	86	95	0
SOUTH GOA TOTAL		1,216	29	721	1,966	4

TABLE 8. Contd...

SI No.	Name of the village	Religion			Total	Community SC/ST
		Hinduism	Islam	Christianity		
DISTRICT: NORTH GOA						
TALUK: BARDEZ						
1	Baga (Santawada)	1	0	36	37	0
2	Calangute	0	0	56	56	0
3	Candolim	2	0	43	45	0
4	Chapora	182	0	0	182	0
5	Nerul	68	0	58	126	0
6	Shivollim	68	0	0	68	0
TALUK: PERNEM						
7	Chopdem	39	0	0	39	0
8	Harmal	55	0	82	137	0
9	Mandrem	3	0	8	11	0
10	Morjim	68	0	11	79	0
11	Querim	63	0	3	66	0
TALUK: TISWADI						
12	Agassaim	1	0	29	30	0
13	Cacra	25	0	1	26	0
14	Caranzalem	6	0	28	34	0
15	Nauxi	22	0	0	22	0
16	Odxel	32	0	0	32	0
17	Siridona	13	0	17	30	0
NORTH GOA TOTAL		648	0	372	1,020	0
GOA TOTAL		1,864	29	1,093	2,986	4

TABLE 9. MEMBERSHIP IN CO-OPERATIVES

SI No.	Name of the village	Members in			Total
		Fisheries co-operatives	Other co-operatives		
DISTRICT: SOUTH GOA					
TALUK: CANACONA					
1	Agonda	0	0	0	0
2	Galgibag	2	0	2	2
3	Kindlebag	2	223	225	225
4	Mangan	30	83	113	113
5	Matvem	0	0	0	0
6	Nuvern	0	0	0	0
7	Palolem	8	0	8	8
8	Patnem & Colomb	145	0	145	145
9	Pollem	0	0	0	0
10	Saleri	0	0	0	0
11	Talpona	153	0	153	153
TALUK: MARMAGOA					
12	Baina	92	0	92	92
13	Bogmolo	24	0	24	24
14	Vasco-Da-Gama	41	2	43	43
TALUK: SALTETE					
15	Ambelim	127	0	127	127
16	Assolha	139	0	139	139
17	Benaullim	63	0	63	63
18	Betul	10	19	29	29
19	Betul (Bapsora)	29	86	115	115
20	Cavellossim	7	0	7	7
21	Colva	27	0	27	27
22	Cotbona	62	0	62	62
23	Varca	2	0	2	2

TABLE 9. Contd...

SI No.	Name of the village	Members in			Total
		Fisheries co-operatives	Other co-operatives		
24	Velsao	121	0		121
SOUTH GOA TOTAL		1,084	413		1,497
DISTRICT: NORTH GOA					
TALUK: BARDEZ					
1	Baga (Santawada)	37	0		37
2	Calangute	26	0		26
3	Candolim	17	0		17
4	Chapora	19	5		24
5	Nerul	77	1		78
6	Shivollim	51	0		51
TALUK: PERNEM					
7	Chopdem	5	12		17
8	Harmal	30	49		79
9	Mandrem	11	0		11
10	Morjim	31	20		51
11	Querim	1	0		1
TALUK: TISWADI					
12	Agassaim	34	0		34
13	Cacra	19	0		19
14	Caranzalem	31	0		31
15	Nauxi	22	0		22
16	Odxel	32	0		32
17	Siridona	30	0		30
NORTH GOA TOTAL		473	87		560
GOA TOTAL		1,557	500		2,057

TABLE 10. CRAFT OWNED BY FISHERFOLK (Full ownership)

SI No.	Name of the village	Mechanized	Inboard	Outboard	Non-motorized	Total
DISTRICT: SOUTH GOA						
TALUK: CANACONA						
1	Agonda	0	0	34	28	62
2	Galgibag	1	0	7	13	21
3	Kindlebag	0	0	21	4	25
4	Mangan	0	0	1	15	16
5	Matvem	0	0	7	6	13
6	Nuvern	0	1	9	6	16
7	Palolem	1	0	30	7	38
8	Patnem & Colomb	0	4	53	56	113
9	Pollem	0	0	7	3	10
10	Saleri	0	0	38	13	51
11	Talpona	4	2	16	41	63
TALUK: MARMAGOA						
12	Baina	9	0	119	4	132
13	Bogmolo	0	0	27	10	37
14	Vasco-Da-Gama	14	0	71	5	90
TALUK: SALCETE						
15	Ambelim	15	0	10	58	83
16	Assolha	0	0	15	148	163
17	Benaullim	3	9	21	69	102
18	Betul	7	0	6	24	37
19	Betul (Bapsora)	30	0	14	68	112
20	Cavelossim	2	0	1	7	10
21	Colva	11	3	9	9	32
22	Cotbona	4	0	6	24	34
23	Varca	1	0	0	2	3
24	Veisao	0	0	143	47	190
SOUTH GOA TOTAL		102	19	665	667	1,453

TABLE 10. Contd...

SI No.	Name of the village	Mechanized	Inboard	Outboard	Non-motorized	Total
DISTRICT: NORTH GOA						
TALUK: BARDEZ						
1	Baga (Santawada)	0	0	65	6	71
2	Calangute	0	0	27	1	28
3	Candolim	3	0	28	13	44
4	Chapora	11	3	10	41	65
5	Nerul	13	0	78	16	107
6	Shivollim	1	0	8	28	37
TALUK: PERNEM						
7	Chopdem	0	0	1	14	15
8	Harmal	0	0	47	1	48
9	Mandrem	0	0	10	0	10
10	Morjim	3	0	29	7	39
11	Querim	0	0	7	17	24
TALUK: TISWADI						
12	Agassaim	9	0	11	16	36
13	Cacra	0	0	22	7	29
14	Caranzalem	2	0	32	22	56
15	Nauxi	0	0	23	11	34
16	Odxel	0	0	52	2	54
17	Sirdona	9	0	46	7	62
NORTH GOA TOTAL		51	3	496	209	759
GOA TOTAL		153	22	1,161	876	2,212

TABLE 11. FISHING CRAFT IN THE FISHERY

SI No.	Name of the Landing Centre	Mechanized			Motorized			Non-motorized	Total
		Trawlers	Purse-seiners	Others	Total Mechanized	Inboard	Outboard		
DISTRICT: SOUTH GOA									
1	Agonda	0	0	0	0	0	0	50	56
2	Baina-Bimber	0	0	0	0	0	0	72	76
3	Benulim	0	0	0	0	0	0	53	61
4	Betalbatim	0	0	0	0	0	0	0	3
5	Betul	13	0	0	13	1	19	20	33
6	Bogmalo	0	0	0	0	0	0	22	25
7	Cansaulim	0	0	0	0	0	0	8	11
8	Cavelossim	0	0	0	0	0	0	4	10
9	Colva	0	0	0	0	0	0	8	12
10	Cotbona	199	102	15	316	0	0	0	316
11	Mojorda	0	0	0	0	0	0	0	3
12	Orlim / Varca	0	0	0	0	0	2	2	8
13	Pale	0	0	0	0	0	79	79	91
14	Palolem	0	0	0	0	0	60	60	90
15	Patnem / Colomb	0	0	0	0	0	18	18	23
16	Sernabatim	0	0	0	0	0	0	0	3
17	Talpona	3	0	0	3	3	20	23	29
18	Utorda	0	0	0	0	0	0	0	3
19	Vasco-Da-Gama	160	54	6	220	0	80	80	306
20	Velsao	0	0	0	0	0	27	27	33
SOUTH GOA TOTAL		375	156	21	552	4	522	526	1,192
DISTRICT: NORTH GOA									
1	Baga	0	0	0	0	0	47	47	47
2	Calangute	0	0	0	0	0	68	68	70
3	Candolim	0	0	0	0	0	32	32	36

TABLE 11. Contd...

SI No.	Name of the Landing Centre	Mechanized			Motorized			Non-motorized	Total
		Trawlers	Purse-seiners	Others	Total Mechanized	Inboard	Outboard		
4	Caranzalem	0	0	0	0	0	0	0	19
5	Chapora	44	0	0	44	0	0	0	44
6	Dona-Paula-I	0	0	0	0	0	35	35	50
7	Dona-Paula-II	0	0	0	0	0	21	21	23
8	Harmal	0	0	0	0	0	56	56	64
9	Malim (Panaji)	181	53	28	262	0	0	0	262
10	Morjim	0	0	0	0	1	21	22	30
11	Nerul	0	0	0	0	0	97	97	105
12	Shiridona	0	0	0	0	0	38	38	40
NORTH GOA TOTAL		225	53	28	306	1	415	416	790
GOA TOTAL		600	209	49	858	5	937	942	1,982

List of marine fishing villages



District : South-Goa

Taluk : Canacona

1. Agonda
2. Galgibag
3. Kindlebag
4. Mangan
5. Matvem
6. Nuvem
7. Palolem
8. Patnem & Colomb
9. Pollem
10. Saleri
11. Talpona

Taluk : Marmagoa

12. Baina
13. Bogmolo
14. Vasco-Da-Gama

Taluk : Salcete

15. Ambelim
16. Assolna
17. Benaullim
18. Betul
19. Betul (Bapsora)
20. Cavelossim
21. Colva
22. Cotbona
23. Varca
24. Velsao

District : North-Goa

Taluk : Bardez

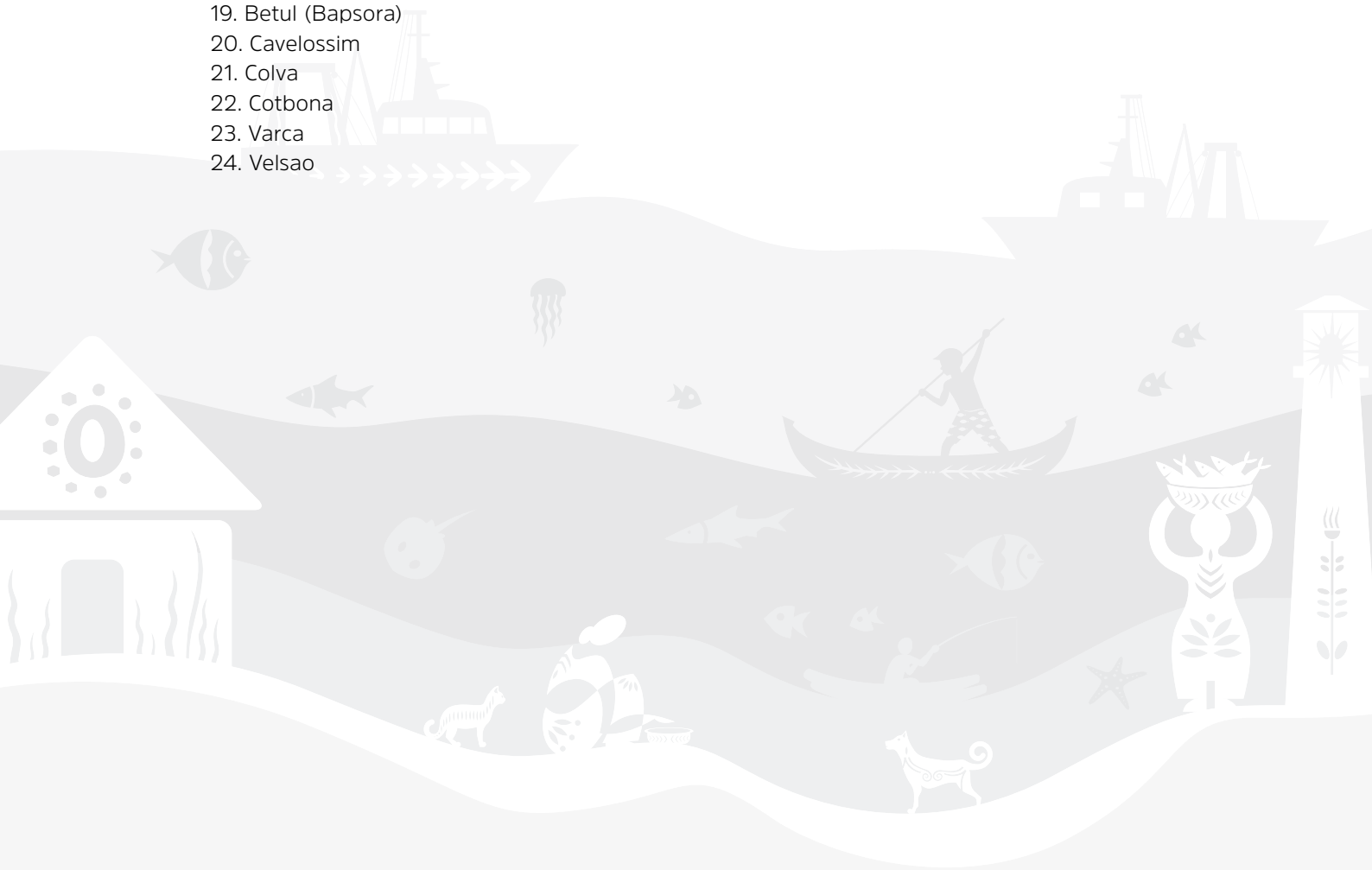
1. Baga (Santawada)
2. Calangute
3. Candolim
4. Chapora
5. Nerul
6. Shivolim

Taluk : Pernem

7. Chopdem
8. Harmal
9. Mandrem
10. Morjim
11. Querim

Taluk : Tiswadi

12. Agassaim
13. Cacara
14. Caranzalem
15. Nauxi
16. Odxel
17. Siridona



List of landing centres



District : South Goa

1. Agonda
2. Baina-Bimber
3. Benulim
4. Betalbatim
5. Betul
6. Bogmalo
7. Cansaulim
8. Cavelossim
9. Colva
10. Cotbona
11. Mojorda
12. Orlim/Varca
13. Pale
14. Palolem
15. Patnem/Colomb
16. Sernabatim
17. Talpona
18. Utorda
19. Vasco-Da-Gama
20. Velsao

District : North Goa

1. Baga
2. Calangute
3. Candolim
4. Caranzalem
5. Chapora
6. Dona-Paula-I
7. Dona-Paula-II
8. Harmal
9. Malim (Panaji)
10. Morjim
11. Nerul
12. Shiridona





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