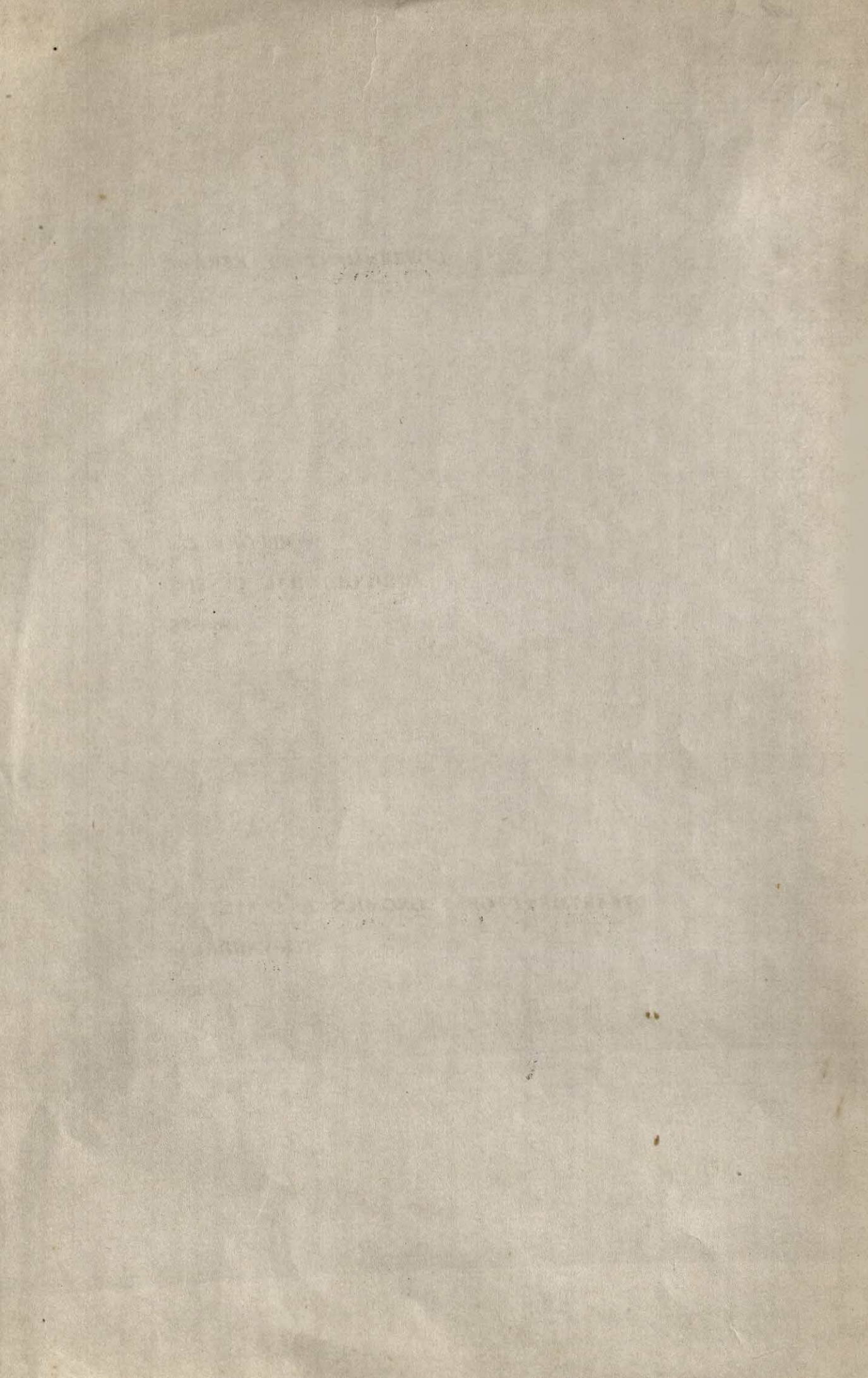


81 no. 1392

GOVERNMENT OF KERALA

**REPORT ON
AGRICULTURAL CENSUS
1985-86**

**DEPARTMENT OF ECONOMICS & STATISTICS
TRIVANDRUM
1989**



P r e f a c e

Ministry of Agriculture and Rural Development, Government of India is conducting Agricultural Census on an All India basis in all the States and Union territories once in five year from 1970-71 onwards. Kerala State also participated in all the four censuses.

Due to administrative and technical reason the field work on Main Census in our state could be conducted only during the period December 1987 - June 1988. The main census was conducted by the investigators of the department under the immediate supervision of taluk level and district level officers.

This preliminary report is brought out on the basis of data collected in the schedule designed for listing of households in the sample wards/divisions selected to avoid time lag.

I am much thankful to the officers of Agricultural Census Division, Ministry of Agriculture and Rural Development, Government of India for the valuable suggestions and advice in the conduct of the census.

I place my sincere thanks to all the officers who have rendered their valuable and whole hearted co-operation for bringing out this report.

I hope that this report will be useful to the planners and administrators in stream lining schemes beneficial to marginal and small farmers.

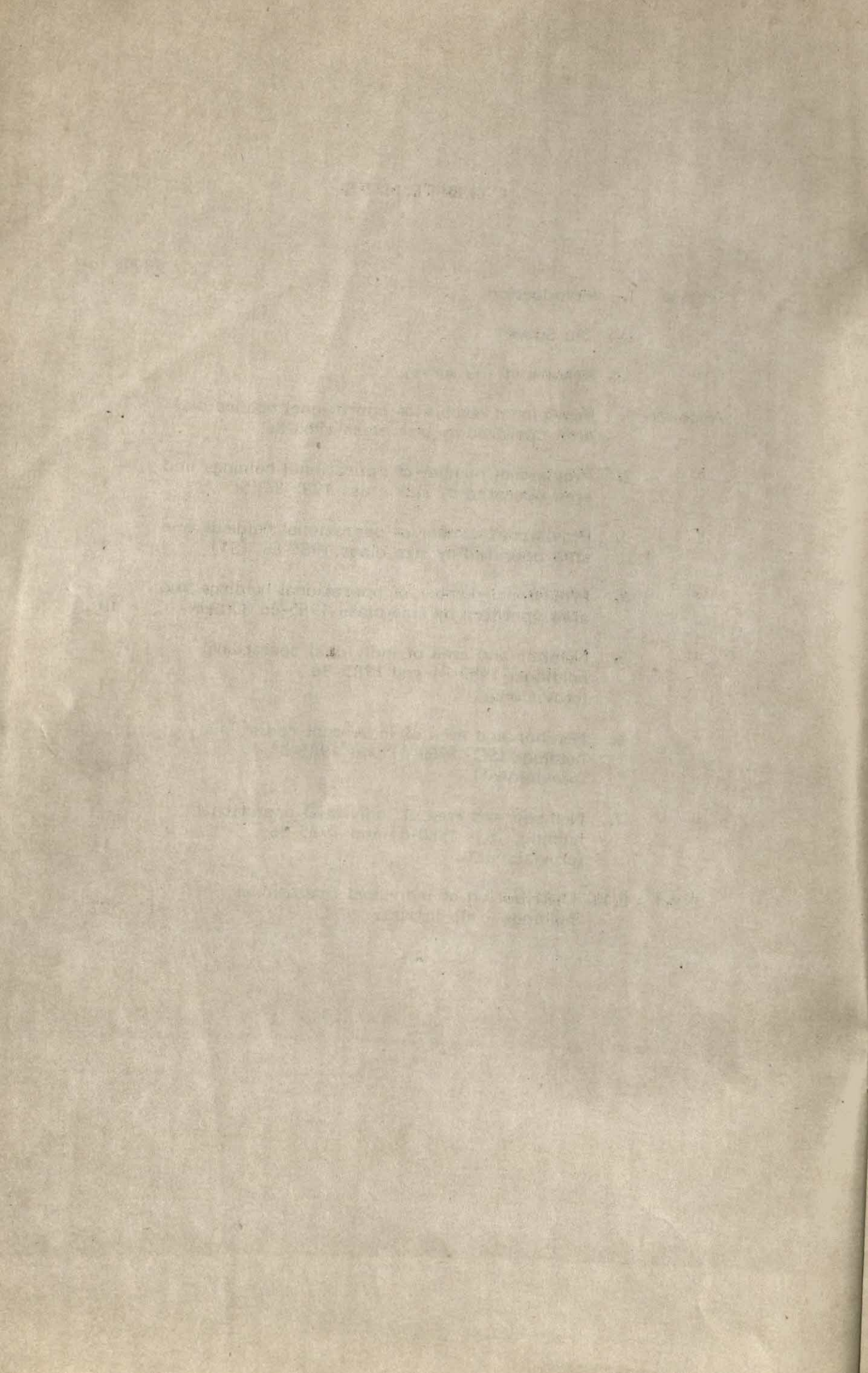
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Trivandrum,
27--1--1989.

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Preliminary report

1. Introduction

The first comprehensive Agricultural Census was conducted in India with agricultural year 1970-71 as the reference period. Encouraged by the utility of data generated, it was decided to undertake the agricultural census at intervals of five years. Accordingly the second and third agricultural censuses were conducted with reference years 1976-77 and 1980-81 respectively.

The fourth agricultural census 1985-86 was carried out in our State during the period December 1987 to June 1988. Due to certain technical and financial problems, there was some delay in undertaking the census in the state. In order to minimise the effect of memory lapses on the part of the respondents, Government of India agreed to shift the reference period of main census from 1985-86 to 1986-87 in our state. In states like Orissa, Bengal and Kerala where a comprehensive system of land records does not exist, required details are being collected by conducting sample surveys.

2. The survey

The agriculture census 1985-86 is comprised of two phases Main census and Input survey. Under the main census, information is collected in respect of (i) number and area of operational holding, (ii) tenure and tenancy status, (iii) land utilization, (iv) sourcewise irrigated area, (v) irrigation status, (vi) area under crops. Under the input survey, information was collected in respect of (i) multiple cropping (ii) application of chemical fertilizers, manures and pesticides, (iii) livestock, (iv) agriculture machinery and (v) rural credit. Besides information regarding number of parcels, area water logged and alkaline land was also collected. In addition to this, all information relating to main census was collected separately for scheduled castes and scheduled tribes also.

For the present census, development block was considered as the stratum in rural area and municipality/city corporation in urban area. 20% of the wards in each block and 10% of the wards/division from each municipality/corporation area were selected using systematic random sampling method. Altogether there were 2166 sample wards, 2041 wards in rural area and 125 wards/divisions in urban area.

The main object of agricultural census is to collect size class wise information in respect of operational holding as distinct from ownership holding. An operational holding is defined as all land which is used wholly or partly for agricultural production and is operated as one technical unit by one person alone or with others without regard to title, legal form, size or location. The technical unit has been defined as that unit which is under the same management and has the same means of production such as labour force, machinery and animals. This implied that the holding might be either fully owned or fully rented or partly owned or partly rented or cultivated under any other arrangement. The land of the holding might be located in one single compact block or spread over in scattered fragments. The entire area might be in a single territorial jurisdiction or might spread over to more than one such jurisdiction. The common factor was that it was under single management having its own set of facilities and resources.

The holder or the operator as far as the agricultural census is concerned is the person who was responsible for the management of the holding. He had to take decisions on all major agriculture operations. It was the extent of responsibility of decision taking that accounts. He might do the work of one or more operations himself and may direct and supervise the work done by others under his instructions. The operator might thus be an owner, a member of owner's household, tenant, share cropper, etc. The operational holder might be individual or joint or institutional. If the holding was operated either by one person alone or by a group of persons who are the members of the same household, it was considered as an individual holding. If two or more persons belonging to two different households shared jointly the economic and technical responsibility for the operation, it was treated as joint operational holding. Holdings such as government farms,

sugarcane factories, co-operative farms, land managed by trust etc. were treated as institutional holdings. Operated area included both cultivated and uncultivated area provided part of it is put to agricultural production during the reference period. It covered the land occupied by farm buildings including the house of the holder provided such buildings are within the cultivated area. Operated area would exclude government forest land, government waste land etc.

During the previous censuses, the data in respect of main census was collected utilising the services of the Revenue personnel under the technical guidance of this department. During the present census, the data on main census were collected utilising the services of investigators of this department, in addition to their normal duties under the close supervision of taluk and district level officers.

The details regarding the number and area of operational holdings were tabulated in respect of all the fourteen size classes ranging from less than 0.05 hectare to 50 hectares and above for individual, joint and institutional holdings. Similar tables for scheduled caste and scheduled tribes were also prepared.

3. Results of the survey

The total number of operational holdings in the state have increased from 41.81 lakhs in 1980-81 to 48.87 lakhs in 1986-87 recording an increase of 18.9%. The area comprised in those holdings during the respective years were 18.05 lakh hectares and 17.53 lakh hectares respectively. The average size of the holding has decreased from 0.43 hectare to 0.36 hectare during the above period.

The number of holdings have increased in all the districts except Kozhikode. The area has declined in Idukki, Ernakulam, Malappuram and Kozhikode districts. This may be due to the under reporting by the informants. The number of holdings belonging to scheduled caste has increased from 3.57 lakhs to 4.87 lakhs and scheduled tribe from 0.41 lakhs to 0.50 lakhs.

The details regarding joint holdings i.e. holdings operated by two or more persons belonging to different households and share jointly as partners the economic and technical responsibility for the operation of the holding was also collected. During the current census, it is estimated that 7421 holdings are operated jointly.

The number of institutional holdings has been estimated as 45553 and these holdings have accounted for an area of 1.10 lakh hectares.

The names of the districts according to the percentage number of operational holdings including institutional in the State in descending order are.

1. Trivandrum	11.0	8. Alleppey	7.5
2. Ernakulam	9.4	9. Cannanore	6.8
3. Trichur	9.4	10. Kottayam	6.6
4. Kozhikode	8.9	11. Pathanamthitta	5.0
5. Quilon	8.8	12. Idukki	4.4
6. Malappuram	8.7	13. Kasaragod	3.2
7. Palghat	8.0	14. Wayanad	2.3
		Total	<u>100.0</u>

Provisional number and area of operational holdings in the state under different size classes for scheduled castes, scheduled tribes, others and total are given in appendix. Number and area of operational holdings for scheduled caste, scheduled tribe and others and total in different districts are also given in appendix. Fourteen size classes have been originally adopted for classifying the holdings according to the size and detailed district-wise tables in respect of the estimated number and area of operational holdings have been prepared separately for scheduled caste/scheduled tribe and others. But for discussion and comparison of results, these fourteen size classes have been regrouped into five size classes viz. (1) below 1 hectare (marginal) (2) 1 - 2 hectares (small) (3) 2 to 4 hectares (semi-medium) (4) 4 to 10 hectares (medium) (5) 10 hectares and above (large). For the purpose of

comparison the particulars of the number of holdings and area in respect of the operational holdings in Kerala are given below:-

Size class	1980-81		1985-86	
	Number (lakhs)	Area (lakh hect.)	Number (lakhs)	Area (lakh hect.)
1. Marginal	37.28 (89.16)	7.50 (41.55)	44.73 (91.53)	8.08 (46.09)
2. Small	2.90 (6.94)	3.98 (22.05)	2.81 (5.75)	3.78 (21.56)
3. Semi-medium	1.24 (2.97)	3.31 (18.34)	1.04 (2.13)	2.68 (15.29)
4. Medium	0.36 (0.86)	1.96 (10.86)	0.25 (0.51)	1.30 (7.42)
5. Large	0.03 (0.07)	1.30 (7.20)	0.04 (0.08)	1.69 (9.64)
Total	41.81 (100.00)	18.05 (100.00)	48.87 (100.00)	17.53 (100.00)

figures in brackets are percentages.

The number of holdings (including institutional) below 1 hectare was 37.28 lakhs during 1980-81 where as it increased to 44.73 lakhs in 1986-87. The percentage of marginal holders having less than one hectare has increased from 89.2 to 91.5 and they operate 46% of the total area. In the case of holders belonging to scheduled caste a marginal increase in the percentage has been noted while marginal holders belonging to scheduled tribes declined. Large holdings above 10 hectare in size was 0.1% in 1980-81 and 1986-87. The holders belonging to this group operated an area of 9.64% of the total area.

Considering the increasing demand for data to block level, the number and area of individual holdings in 6 size classes viz. 0.02 hectare 0.02 - 0.5 hectare, 0.5 hectare to 1 hectare, 1 - 2 hectares, 2 - 4 hectares and 4 hectares and above have been prepared for each block. The details for the municipalities and corporations in a district have been combined together and incorporated in the tables of the concerned district. The above tables have been given in appendix. It is hoped that it will be useful to the planners and administrators.

A scrutiny of the block-wise details show that the number of holdings varied between 9391 in Palluruthy block with an area of 955 hectares in Ernakulam district and 56659 in Payyannur block within an area of Cannanore district 31632 hectares. There were four blocks having more than 50000

holdings viz. 50868 in Sultan Battery block in Wayanad district 51965 in Kunnamangalam block in Kozhikode district 55587 in Taliparamba block in Cannanore district and 56659 in Payyannur block in Cannanore district. At the same time there were three blocks having number of operational holdings less than 12000. They were Palluruthy (9391) and Vyttila (11196) in Ernakulam district and Attapadi (11405) in Palghat district.

The total area of the operational holdings was maximum in Sultan-battery block 37055 hectares followed by Irikkur block 33229 hectares in Cannanore district. Minimum operated area was reported by Kodungalloor block in Trichur district viz. 2033 hectares.

The average area of the operational holdings was minimum in Anchalummoodu block in Quilon district and maximum in Attappadi block in Palghat district.

The maximum number of holdings were in the size class 0.02-0.5 hectare and minimum in the size class 4 hectares and above in almost all blocks.

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Appendix 1 - Provisional number of operational holdings and area operated by size class 1985-86

Size of holding (hect.)	Number of operational holdings				Area operated (hect.)				
	Individual		Institutional		Individual		Institutional		Total
	1	2	3	4	5	6	7	8	9
1. Below 0.02			153	2797	487492	6179	2	42	6223
2. 0.02 - 0.5		484542	4781	31180	3519570	471619	853	4863	477335
3. 0.5 - 1.0		3483609	1000	4925	466074	320355	709	3424	324488
Marginal (1+2+3)		4428300	5934	38902	4473136	798153	1564	8329	808046
4. 1.0 - 2.0		277410	702	3395	281507	372138	992	4534	377664
Small (4)		277410	702	3395	281507	372138	992	4534	377664
5. 2.0 - 3.0		77141	329	1195	78665	179891	802	2827	183520
6. 3.0 - 4.0		24468	130	503	25101	82089	437	1709	84235
Semi-medium (5+6)		101609	459	1698	103766	261980	1239	4536	267755
7. 4.0 - 5.0		13268	110	367	13745	57785	482	1614	59881
8. 5.0 - 7.5		8006	94	378	8478	47256	553	2302	50111
9. 7.5 - 10.0		2086	30	219	2335	17620	262	1904	19786
Medium (7+8+9)		23360	234	964	24558	122661	1297	5820	129778
10. 10.0 - 20.0		2507	46	244	2797	31853	606	3011	35470
11. 20.0 - 30.0		467	10	54	531	10991	229	1256	12476
12. 30.0 - 40.0		109	-	55	164	3705	-	1894	5599
13. 40.0 - 50.0		84	-	25	109	3559	-	1098	4657
14. 50.0 & above		195	36	216	447	25539	6438	79345	111322
Large (10+11+12+13+14)		3362	92	594	4048	75647	7273	8660	169524
15. All sizes		4834041	7421	45553	4887015	1630579	12365	109823	1752767

Appendix 2 - Provisional number of operational holdings and area operated by size class 1985-86 (Scheduled castes)

Size of holding (hect.)	Number of operational holdings			Area operated (hect.)			
	Individual		Total	Individual		Total	
	2	3	4	5	6	7	
1							
1. Below 0.02	94383	10	-	94393	1217	0	1217
2. 0.02 - 0.5	376468	398	-	376866	33282	59	33341
3. 0.5 - 1.0	10557	70	-	10627	7192	52	7244
Marginal (1+2+3)	481408	478	-	481886	41691	111	41802
4. 1.0 - 2.0	4071	15	-	4086	5651	22	5673
Small (4)	4071	15	-	4086	5651	22	5673
5. 2.0 - 3.0	578	25	-	603	1316	54	1370
6. 3.0 - 4.0	130	-	-	130	445	-	445
Semi-medium (5+6)	708	25	-	733	1761	54	1815
7. 4.0 - 5.0	55	-	-	55	236	-	236
8. 5.0 - 7.5	10	-	-	10	58	-	58
9. 7.5 - 10.0	5	-	-	5	46	-	46
Medium (7+8+9)	70	-	-	70	340	-	340
10. 10.0 - 20.0	4	-	-	4	49	-	49
11. 20.0 - 30.0	-	-	-	-	-	-	-
12. 30.0 - 40.0	-	-	-	-	-	-	-
13. 40.0 - 50.0	-	-	-	-	-	-	-
14. 50.0 & above	-	-	-	-	-	-	-
Large (10+11+12+13+14)	4	-	-	4	49	-	49
15. All sizes	486261	518	-	486779	49492	187	49679

Appendix 3 - Provisional number of operational holdings and area operated by size class 1985-86 (Scheduled tribes)

Size of holding (hect.)	Number of operational holdings					Area operated (hect.)			Total
	Individual		Joint		Total	Individual		Joint	
	1	2	3	4		5	6		
1. Below 0.02		5738	-	-	5738	65	-	-	65
2. 0.02 - 0.5		24012	58	-	24070	4197	7	-	4204
3. 0.5 - 1.0		8278	15	-	8293	6047	12	-	6059
Marginal (1+2+3)		38028	73	-	38101	10309	19	-	10328
4. 1.0 - 2.0		8763	10	-	8773	11554	10	-	11564
Small (4)		8763	10	-	8773	11554	10	-	11564
5. 2.0 - 3.0		1961	-	-	1961	4355	-	-	4355
6. 3.0 - 4.0		326	15	-	341	1070	49	-	1119
Semi-medium (5+6)		2287	15	-	2302	5425	49	-	5474
7. 4.0 - 5.0		312	5	-	317	1322	20	-	1342
8. 5.0 - 7.5		117	-	-	117	691	-	-	691
9. 7.5 - 10.0		15	10	-	25	127	85	-	212
Medium (7+8+9)		444	15	-	459	2140	105	-	2245
10. 10.0 - 20.0		10	-	-	10	120	-	-	120
11. 20.0 - 30.0		5	-	-	5	104	-	-	104
12. 30.0 - 40.0		10	-	-	10	313	-	-	313
13. 40.0 - 50.0		-	-	-	-	-	-	-	-
14. 50.0 & above		-	-	-	-	-	-	-	-
Large (10+11+12+13+14)		25	-	-	25	537	-	-	537
15. All sizes		49547	113	-	49660	29965	183	-	30148

Appendix 4 - Provisional number of operational holdings and area operated by size class 1985-86 (Others)

Size of holding (hect.)	Number of operational holdings			Area operated (hect.)				
	Individual		Total	Individual		Total		
	2	3	4	5	6	7	8	9
1. Below 0.02	384421	143	2797	387361	4897	2	42	4941
2. 0.02 - 0.5	3083129	4325	31180	3118634	434140	787	4863	439790
3. 0.5 - 1.0	441314	915	4925	447154	307116	645	3424	311185
Marginal (1+2+3)	3908864	5383	38902	3953149	746153	1434	8329	755916
4. 1.0 - 2.0	264576	677	3395	268648	354933	960	4534	360427
Small (4)	264576	677	3395	268648	354933	960	4534	360427
5. 2.0 - 3.0	74602	304	1195	76101	174220	748	2827	177795
6. 3.0 - 4.0	24012	115	503	24630	80574	388	1709	82671
Semi-medium (5+6)	98614	419	1698	100731	254794	1136	4536	260466
7. 4.0 - 5.0	12901	105	367	13373	56227	462	1614	58303
8. 5.0 - 7.5	7879	94	378	8351	46507	553	2302	49362
9. 7.5 - 10.0	2066	20	219	2305	17447	177	1904	19528
Medium (7+8+9)	22846	219	964	24029	120181	1192	5820	127193
10. 10.0 - 20.0	2493	46	244	2783	31684	606	3011	35301
11. 20.0 - 30.0	462	10	54	526	10887	229	1256	12372
12. 30.0 - 40.0	99	-	55	154	3392	-	1894	5286
13. 40.0 - 50.0	84	-	25	109	3559	-	1098	4657
14. 50.0 & above	195	36	216	447	25539	6438	79345	111322
Large (10+11+12+13+14)	3333	92	594	4019	75061	7273	86604	168938
15. All sizes	4298233	6790	45553	4350576	1551122	11995	109823	1672940

Appendix 6 - Number and area of individual operational holdings (Scheduled castes)

District	1980-81		1985-86 (provisional)			
	Number	Area(ha)	Number	Area(ha)		
1	2	3	4	5	6	7
1. Trivandrum	35355	3861	0.11	57969	4695	0.08
2. Quilon	54777	5593	0.10	50089	4095	0.08
3. Pathanamthitta	-	-	-	28986	2436	0.08
4. Alleppey	39752	2860	0.07	34009	2541	0.07
5. Kottayam	14918	1366	0.09	22611	1819	0.08
6. Idukki	8520	2989	0.35	30999	4572	0.15
7. Ernakulam	32864	2730	0.08	39099	2821	0.07
8. Trichur	49776	3556	0.07	58589	4042	0.07
9. Palghat	45858	5671	0.12	67480	8215	0.12
10. Malappuram	33536	4876	0.15	38431	3828	0.10
11. Kozhikode	22044	2813	0.13	28642	2936	0.10
12. Wayanad	1227	1811	1.48	4273	1142	0.27
13. Cannanore	18495	6275	0.34	12700	2731	0.22
14. Kasaragod	-	-	-	12384	3619	0.29
State	357122	44401	0.12	486261	49492	0.10

Appendix 7 - Number and area of individual operational holdings (Scheduled tribes)

District	1980-81			Area/holdings(ha)	Number	1985-86 (provisional)	
	Number	Area(ha)	3			Area(ha)	Area/holding(ha)
1	2	3	4	5	6	7	7
1. Trivandrum	2194	357	0.16	1683	1443	0.86	
2. Quilon	1079	166	0.15	333	44	0.13	
3. Pathanamthitta	-	-	-	70	8	0.11	
4. Alleppey	653	62	0.09	351	13	0.03	
5. Kottayam	892	965	1.08	2055	1757	0.85	
6. Idukki	4835	3779	0.78	11222	10038	0.89	
7. Ernakulam	129	5	0.04	951	45	0.05	
8. Trichur	502	42	0.08	147	14	0.10	
9. Palghat	6372	216	0.03	6418	5696	0.89	
10. Malappuram	2098	573	0.27	1065	108	0.10	
11. Kozhikode	2055	969	0.47	359	109	0.30	
12. Wayanad	12254	14229	1.16	17426	6118	0.35	
13. Cannanore	7472	5264	0.70	2816	1602	0.57	
14. Kasaragod	-	-	-	4651	2970	0.64	
State	40535	26627	0.66	49547	29965	0.60	

Appendix 8.1 - Distribution of individual operational holdings

District : Trivandrum	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Athiyannoor	14118	136	22228	2492	1200	1139	287	372	46	123	5	22	37884	4284
2. Nemom	7555	92	35183	3835	1610	1102	509	646	103	249	15	119	44975	6043
3. Parassala	6391	72	22982	2499	1310	897	366	459	101	250	5	31	31155	4208
4. Perumkadavila	7380	93	34795	4715	3215	2212	1240	1635	355	856	20	98	47005	9609
5. Kazhakoottam	2895	38	29112	3501	2031	1370	1028	1608	104	266	-	-	35170	6783
6. Trivandrum (rural)	4506	59	17517	1386	490	337	240	414	61	157	35	308	22849	2661
7. Nedumangad	1048	13	25944	4328	2311	1613	1023	1390	208	511	30	405	30564	8260
8. Vamanapuram	2304	33	32893	5149	4187	2970	1851	2392	482	1225	56	287	41773	12056
9. Vellanad	4658	40	31435	3987	2540	1717	1062	1384	232	628	80	525	40007	8281
10. Killimanoor	2509	31	27367	4340	4051	2790	1734	2302	375	959	65	440	36101	10862
11. Chirayinkil	6365	66	20337	2109	1071	715	273	377	39	99	10	55	28095	3421
12. Vankala	1885	23	22016	2983	2144	1511	478	610	71	173	5	21	26599	5321
Sub-total	61614	696	321809	41324	26160	18373	10091	13589	2177	5496	326	2311	422177	81789
Municipalities & corporation	34338	415	71580	6191	2873	2003	1403	2020	590	1609	188	1333	110972	13571
Total	95952	1111	393389	47515	29033	20376	11494	15609	2767	7105	514	3644	533149	95360

(figures are provisional)

Appendix 8.2 - Distribution of individual operational holdings

District : Quilon

Name of block	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Anchal	2146	24	27233	4489	3805	2572	1665	2145	374	970	25	270	35248	10470
2. Anchalummoodu	6482	87	20380	1739	632	419	158	207	15	42	-	-	27667	2494
3. Chadayamangalam	606	8	33392	6313	5925	3836	1687	2320	348	888	41	279	41999	13644
4. Chavara	3680	50	20757	2022	845	544	361	408	56	138	5	31	25704	3194
5. Chittumala	1763	24	16484	1963	1066	714	395	506	62	164	-	-	19770	3371
6. Ithikkara	3426	47	31172	4131	2771	1932	863	1095	163	385	10	55	38405	7645
7. Karunagappally	2624	34	25259	2870	1392	950	548	676	83	222	10	49	29916	4801
8. Kottarakkara	1830	27	25859	4627	3489	2046	979	1246	173	422	35	202	32365	8570
9. Mukhasthala	4611	64	32978	3434	1465	991	401	510	83	211	20	107	39558	5317
10. Oachira (portion)	873	11	15394	1589	1032	693	369	469	34	90	6	33	17708	2885
11. Pathanapuram	2541	33	21490	3452	3201	2192	1270	1652	330	868	39	205	28871	8402
12. Sasthancotta (p)	833	10	27616	4672	3158	2134	979	1272	129	299	11	112	32726	8499
13. Vettikkavala	1154	15	29659	4897	3734	2564	1447	1887	273	671	36	235	36303	10269
Sub-total	32569	434	327673	46198	32515	21587	11122	14393	2123	5370	238	1578	406240	89560
Municipality	8727	110	12655	1166	613	403	171	266	61	165	69	783	22296	2893
Total	41296	544	340328	47364	33128	21990	11293	14659	2184	5535	307	2361	428536	92453

Appendix 8.3 - Distribution of individual operational holdings

District : Pathanamthitta	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 * above		Total	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
Name of block	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1														
1. Elanthoor	1339	19	15193	2673	3331	2289	1378	1856	226	568	20	85	21487	7490
2. Koipram	1603	22	16963	2487	2589	1756	1381	1808	266	661	10	50	22812	6784
3. Konni	1722	25	21697	3744	3622	2571	1641	2213	504	1254	95	780	29281	10587
4. Kulanada (portion)	263	3	9621	1501	1430	965	618	814	91	238	-	-	12023	3521
5. Mallappally	1573	22	15769	2711	3556	2261	1946	2250	513	1282	66	340	23423	8866
6. Pandalam (portion)	1220	19	10135	1626	1235	850	515	688	105	293	15	75	13225	3551
7. Parakode	1841	23	28983	4601	4777	3361	2048	2774	491	1305	92	608	38232	12672
8. Pulikeezhu	2320	31	17017	2073	1798	1236	722	956	125	327	6	27	21988	4650
9. Ranni	1536	19	23806	3783	5276	4122	3088	3757	761	1950	148	916	34615	14547
10. Sasthamcotta	432	6	5516	938	796	553	372	487	84	212	8	37	7208	2233
Sub-total	13849	189	164700	26137	28410	19964	13709	17603	3166	8090	460	2918	224294	74901
Municipality	1982	19	12210	1673	1485	1028	605	747	120	335	39	206	16441	4008
Total	15831	208	176910	27810	29895	20992	14314	18350	3286	8425	499	3124	240735	78909

(figures are provisional)

Appendix 8.4 - Distribution of individual operational holdings

District : Alleppey

Name of block	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Pattanakad	3853	57	28179	2640	1770	1250	908	1197	251	653	30	191	34991	5988
2. Thycattussery	1279	19	14418	1416	856	594	355	478	104	275	26	125	17038	2907
3. Veliyanadu	975	12	9705	1410	1625	1117	1255	1613	570	1495	300	1852	14430	7499
4. Chambakulam	1584	20	15716	1942	2371	1718	1691	2333	652	1816	233	1760	22247	9589
5. Chengannur	2057	29	18229	2553	2332	1618	713	938	104	278	10	42	23445	5458
6. Mavelikara	1268	17	18802	2647	2280	1590	840	1142	172	458	10	50	23372	5904
7. Bharanikavu	733	10	18299	995	2108	1448	949	1279	127	323	5	32	22221	4087
8. Haripad	3750	52	21415	2561	2455	1946	1120	1544	380	1009	40	216	29160	7328
9. Muthukulam	2185	31	18630	1918	1330	925	500	645	75	188	15	71	22735	3778
10. Ambalapuzha	1191	17	15753	1765	1459	1046	654	871	278	801	44	246	19379	4746
11. Aryad	735	10	16072	1844	772	521	285	365	37	98	-	-	17901	2838
12. Pandalam (portion)	269	3	8627	1477	1092	742	441	590	74	167	11	52	10514	30311
13. Kulanada (portion)	793	11	7928	1168	987	745	388	532	73	185	10	53	10179	2694
14. Kanjikuzhi	1781	28	23419	2823	1618	1124	814	1100	204	540	20	102	27856	5717
15. Ochira (portion)	1195	14	7210	815	430	290	190	237	40	94	-	-	9065	1450
Sub-total	23648	330	241402	27974	23485	16674	11103	14864	3141	8380	754	4792	304533	73014
Municipalities	8559	110	44392	4284	2414	1671	1010	1363	272	723	103	657	56750	8808
Total	32207	440	286794	32258	25899	18345	12113	16227	3413	9103	857	5449	361283	81822

(figures are provisional)

Appendix 8.6 - Distribution of individual operational holdings

District : Idukki

1	Name of block	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total	
		No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
		2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	Adimali	1030	13	13165	2852	4800	3414	3920	5175	975	2407	175	1064	24065	14925
2.	Azhutha	13376	160	12603	1942	3485	2477	2387	3170	493	1273	148	1192	32492	10214
3.	Devicolam	10215	120	8460	885	1415	1000	1655	2104	395	1009	265	4449	22405	9567
4.	Elamdesom	1943	25	11710	2125	3857	2657	4234	5528	1303	3233	269	1633	23316	15201
5.	Idukki	962	14	9034	2178	5605	4032	5685	7299	962	2310	153	1287	22401	17120
6.	Kattappana	7470	84	15372	3079	5598	3980	4958	6563	1337	3321	1473	15410	36208	32437
7.	Nedumkandom	2520	27	14000	2950	5563	4025	4973	6645	1346	3186	467	4058	28869	20891
8.	Thodupuzha	1291	17	7580	1199	2088	1484	1887	2566	927	2425	101	512	13874	8203
	Sub-total	38807	460	91924	17210	32411	23069	29699	39050	7738	19164	3051	29605	203630	128558
	Municipality	1248	13	4816	521	616	434	584	770	216	546	64	351	7544	2635
	Total	40055	473	96740	17731	33027	23503	30283	39820	7954	19710	3115	29956	211174	131193

(figures are provisional)

Appendix 8.7 - Distribution of individual operational holdings

District : Ernakulam	Name of block	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total			
		No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
		2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	1. Alangad	2206	33	23711	2084	858	591	426	570	74	167	-	-	27275	3445		
	2. Angamaly	1995	29	23180	3421	3480	2238	1505	1944	350	853	85	539	30595	9024		
	3. Edappally	2351	35	15504	1511	766	526	332	453	61	164	61	335	19075	3024		
	4. Koathamangalam	1899	27	17100	2717	3621	2557	2665	3620	956	2501	141	965	26382	12387		
	5. Mulanthuruthy	1684	26	17524	2395	2356	1583	1176	1607	435	1160	46	238	23221	7009		
	6. Muvattupuzha	1080	14	14005	2291	3395	2431	2755	3777	990	2594	220	1127	22445	12234		
	7. Palluruthy	1854	31	7013	462	402	275	105	153	17	34	-	-	9391	955		
	8. Panpukada	979	13	15915	2863	4882	3464	3083	4147	1217	3047	162	791	26238	14325		
	9. Parakkadavu	1337	19	16853	2172	1695	1190	738	992	140	364	21	98	20784	4835		
	10. Parur	2642	38	20381	1732	904	654	280	371	132	341	5	20	24344	3156		
	11. Vadavancode	1205	17	16665	2929	4445	3172	2435	3147	875	2284	175	822	25800	12371		
	12. Vazhakkulam	1970	28	25085	3459	3130	2140	1055	1406	295	803	50	285	31585	8121		
	13. Vypeen	4710	67	26709	1898	801	531	294	384	86	217	20	95	32620	3192		
	14. Vittila	2327	31	8388	596	342	239	116	147	23	59	-	-	11196	1072		
	15. Koovappady	1090	17	18408	3337	3928	2764	1948	2618	757	2049	120	569	26251	11354		
	Sub-total	29329	425	266441	33867	35005	24355	18913	25336	6408	16637	1106	5884	357202	106504		
	Municipality & Corporation	28872	355	63479	4693	2791	1934	1430	2037	599	1505	284	2345	97455	12869		
	Total	58201	780	329920	38560	37796	26289	20343	27373	7007	18142	1390	8229	454657	119373		

(figures are provisional)

Appendix 8.8 - Distribution of individual operational holdings

District : Trichur

Name of block	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Anthikkad	1838	24	15242	1879	1736	1196	611	827	84	229	20	213	19531	4368
2. Chalakkudy	1795	22	19270	2510	2100	1428	1000	1314	255	649	35	156	24455	6079
3. Chevakkadu	2114	29	20447	2385	1681	1163	700	911	112	286	10	118	25064	4892
4. Cherpu	3940	51	20760	2220	1684	1158	803	1092	165	411	20	108	27372	5040
5. Chovannur	3599	49	20119	2576	3160	2240	1420	1965	277	695	15	72	28590	7597
6. Irinjalakuda	1450	23	14815	1878	1990	1392	885	1156	180	417	30	132	19350	4998
7. Kodakara	2778	39	25761	3818	3554	2465	2078	2801	487	1272	75	571	34733	10966
8. Kodungallur	1510	19	13305	1160	520	352	220	289	45	134	10	79	15610	2033
9. Mala	1041	13	17136	2415	2765	1838	1115	1440	285	755	15	64	22357	6525
10. Mathilakom	1884	24	20557	2708	1591	1082	559	725	77	218	25	152	24693	4909
11. Mullassery	1810	28	10623	645	991	663	605	756	141	362	10	62	14180	2516
12. Ollukkara	4910	68	24510	3041	3680	2578	2255	3033	490	1248	65	408	35910	10376
13. Pazhayannur	2144	29	13446	1823	1814	1274	1087	1385	422	1121	101	660	19014	6292
14. Puzhakkal	3359	43	19872	2270	2284	1568	1123	1519	340	880	57	538	27035	6818
15. Thalikkulam	1479	21	14143	1610	1800	1127	714	862	56	123	15	71	18207	3814
16. Vellengullur	1205	14	14141	1932	2736	2012	1368	1888	331	773	53	274	19834	6893
17. Vadakkancherry	3142	44	27016	3946	5105	3557	2646	3551	840	2208	146	792	38895	14098
Sub-total	39998	540	311163	38816	39191	27093	19189	25514	4587	11781	702	4470	414830	108214
Municipality	7193	81	28046	2735	1942	1394	987	1279	584	1573	141	1572	38893	8634
Total	47191	621	339209	41551	41133	28487	20176	26793	5171	13354	843	6042	453723	116848

(figures are provisional)

Appendix 8.9 - Distribution of individual operational holdings

District : Palghat	Name of block	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total			
		No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	14	15
	1.	4609	60	30804	3447	3757	2690	3436	4779	1886	5002	618	3686	45110	19664		
	2.	260	2	3775	842	2650	1906	2715	3531	1525	3770	480	2318	11405	12369		
	3.	3428	48	14967	1262	1681	1251	2653	3731	2088	5491	827	4455	25644	16238		
	4.	4505	60	26866	2290	2323	1671	2677	3694	1767	4800	727	3906	38865	16421		
	5.	3810	50	21424	2583	2965	2122	2217	3018	1279	3401	456	2362	32151	13536		
	6.	1935	27	22660	3661	4600	3242	3615	4958	1630	4161	650	5064	35090	21113		
	7.	2170	26	8405	998	790	551	745	1007	390	1178	195	3715	12695	7475		
	8.	1713	22	20511	2870	3293	2409	1712	2285	747	1928	161	926	28137	10440		
	9.	4768	59	32048	3683	3766	2651	2882	3943	1150	3034	403	5487	45017	18857		
	10.	1971	28	25952	3748	4083	2878	2313	3073	914	2410	254	1345	35487	13482		
	11.	1078	13	16610	2597	3842	2693	2303	3126	782	2067	221	1187	24836	11683		
	12.	1156	17	19965	2835	2819	1974	1983	2709	744	1973	166	1060	26833	10568		
	Sub-total	31403	412	243987	30816	36569	26038	29251	39854	14902	39215	5158	35511	361270	171846		
	Municipal	4944	55	18522	1775	1284	921	963	1301	384	955	192	1731	26289	6738		
	Total	36347	467	262509	32591	37853	26959	30214	41155	15286	40170	5350	37242	387559	178584		

(figures are provisional)

Appendix 8.10 - Distribution of individual operational holdings

District : Malappuram

Name of block	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Andathode	1087	16	14509	1654	1719	1099	918	1208	255	657	25	134	18513	4768
2. Malappuram	656	8	21836	3155	2406	1718	1113	1468	316	873	44	207	26371	7429
3. Kondotty	1091	17	35328	5533	4346	2979	2076	2731	730	1837	132	705	43703	13802
4. Kuttipuram	585	9	18030	2704	2240	1535	1440	1924	570	1414	135	658	23000	8244
5. Manjeri	487	6	16371	2722	2573	1828	1324	1826	648	1725	89	558	21492	8665
6. Mankada	1794	26	25642	3454	3127	2161	1533	2067	654	1707	270	1577	33020	10992
7. Nilambur	1365	18	27204	3632	4699	3268	3422	4539	1575	4027	452	3040	38717	18524
8. Perinthalmanna	1713	25	22014	3318	3407	2319	2191	2974	985	2569	317	1731	30627	12936
9. Ponnani	1160	17	16362	2010	1701	1200	843	1131	178	439	15	69	20259	4866
10. Tanur	1550	21	24980	3196	2050	1403	830	1075	220	551	10	50	29640	6296
11. Tirur	889	12	20523	2377	1777	1207	976	1343	275	755	34	212	24474	5906
12. Torirangadi	1148	17	19652	2296	1406	988	698	975	238	661	15	80	23157	5017
13. Vengara	1104	15	24255	3232	2145	1518	990	1346	282	753	15	74	28791	6938
14. Wandoor	1030	15	21280	3120	3825	2680	2580	3514	1445	3843	510	3299	30670	16471
Sub-total	15659	222	307986	42403	37421	25903	20934	28121	8371	21811	2063	12394	392434	130854
Municipality	1786	25	21760	2299	782	557	430	546	234	590	76	408	25068	4425
Total	17445	247	329746	44702	38203	26460	21364	28667	8605	22401	2139	12802	417502	135279

(figures are provisional)

Appendix 8.11 - Distribution of individual operational holdings

District : Kozhikode	Name of block	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total			
		No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
		2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	1																
	1. Chevayoor	2235	32	15242	1999	1350	887	573	746	59	169	20	86	19479	3919		
	2. Koduvally	1271	18	29634	4716	4303	2787	2586	3397	645	1768	107	684	38546	13370		
	3. Kozhikode	6505	94	28759	2451	846	584	390	523	102	243	15	81	36617	3976		
	4. Kunnamangalam	1781	25	36191	5395	6706	4420	4827	6309	2101	5240	359	2429	51965	23818		
	5. Baluseri	1512	23	29739	5078	4910	3370	2697	3672	909	2334	129	1021	39896	15498		
	6. Melady	1102	17	18209	2518	1516	989	497	644	172	439	25	140	21521	4747		
	7. Panthalayini	1125	16	15590	2001	1131	766	252	320	31	76	5	29	18134	3208		
	8. Perambra	860	12	25510	4277	3605	2495	1870	2494	555	1414	40	189	32440	10881		
	9. Badagara	913	12	14431	1400	664	460	158	190	20	57	5	20	16191	2139		
	10. Tuneri	535	7	17895	2672	2015	1403	790	1072	135	346	25	108	21395	5608		
	11. Thodannur	943	14	15976	2525	1990	1367	719	954	161	407	10	41	19799	5308		
	12. Kunnummel	959	14	24316	3287	3524	2449	1714	2244	523	1325	60	415	31096	9734		
	Sub-total	19741	284	271492	38319	32560	21977	17073	22565	5413	13818	800	5243	347079	102206		
	Urban sub-total	17912	220	64071	5184	1244	847	561	1085	251	734	251	4614	84290	12684		
	Total	37653	504	335563	43503	33804	22824	17634	23650	5664	14552	1051	9857	431369	114890		

(figures are provisional)

Appendix 8.12 - Distribution of individual operational holdings

District : Wayanad

Name of block	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Kalpetta	7538	86	12492	1990	2771	1990	2420	3254	1438	3678	676	11418	27335	22416
2. Mananthody	715	9	17525	2946	5075	3581	4880	6710	3035	7750	1005	8951	32235	29947
3. Sulthanbatterry	3575	42	26980	4589	8249	5860	7625	10364	3662	9597	777	6603	50868	37055
Total	11828	137	56997	9525	16095	11431	14925	20328	8135	21025	2458	26972	110438	89418

(figures are provisional)

Appendix 8.13 - Distribution of individual operational holdings

District : Cannanore

Name of block	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Cannanore	1140	16	14354	1377	453	342	132	182	35	90	20	109	16134	2116
2. Edakkad	811	11	26269	4297	3090	2091	1017	1288	132	320	15	87	31334	8094
3. Irikkur	272	4	17385	3857	7632	5509	6432	8759	3775	10271	915	4829	36411	33229
4. Iritty	591	9	17890	3737	5232	3707	3826	5353	2245	5578	679	3574	30463	21958
5. Tellicherry	1124	16	26879	3882	2294	1569	429	564	56	148	35	188	30817	6367
6. Peravoor	465	6	10270	2321	4320	3089	3585	4798	1535	4042	250	1313	20425	15569
7. Payyannur	972	14	37434	6553	8863	6263	5982	8144	2639	6556	769	4102	56659	31632
8. Koothuparamba	1080	15	27260	4851	4000	2749	2500	3949	555	1475	125	616	35520	13655
9. Taliparamba	1962	29	35588	6101	8134	5796	6272	7910	2948	7512	683	3808	55587	31156
Sub-total	8417	120	213329	36976	44018	31115	30175	40947	13920	35992	3491	18626	313350	163776
Municipality	1349	17	16993	1784	315	219	72	91	22	67	11	45	18762	2223
Total	9766	137	230322	38760	44333	31334	30247	41038	13942	36059	3502	18671	332112	165999

(figures are provisional)

Appendix 8.14 - Distribution of individual operational holdings

District : Kasaragod	Below 0.02		0.02-0.5		0.5 - 1.0		1.0 - 2.0		2.0 - 4.0		4.0 & above		Total	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
Name of block	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1														
1. Kasaragod	273	4	16538	3434	5114	3472	3662	4995	1451	3713	370	2056	27408	17674
2. Manjeswar	932	12	21663	7151	7803	5511	4924	6386	1012	2658	171	940	36505	22658
3. Kanjangad	336	5	19746	4023	5256	3644	4387	6205	2030	5084	706	5359	32461	24320
4. Neelaswar	858	13	28725	5048	6706	4168	3581	4888	1399	3460	283	1723	41552	19300
Sub-total	2399	34	86672	19656	24879	16795	16554	22474	5892	14915	1530	10078	137926	83952
Municipality	2072	25	12055	7631	924	660	317	423	120	301	9	38	15497	3078
Total	4471	59	98727	21287	25803	17455	16871	22897	6012	15216	1539	10116	153423	87030

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