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ECONOMICS AND STATISTICS  
TRIVANDRUM



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DEPARTMENT OF ECONOMICS AND STATISTICS  
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## PREFACE

This bulletin presents the vital statistics of the State for the calendar year 1982. The data relating to vital events received from the registering authorities are processed and vital rates estimated.

This bulletin has been prepared by the vital statistics unit of the population division.

Trivandrum,  
2-12-1986.

K. BALAKRISHNAN NAIR,  
*Director of Economics and Statistics.*

PREFACE

This bulletin presents the vital statistics of the State for the calendar year 1965. The data relating to vital events received from the registering authorities are processed and vital rates estimated.

This bulletin has been prepared by the vital statistics unit of the population division.

K. HANAKUMAR NAIR  
Director of Economic and Statistics

Trivandrum  
2-1-1966

# VITAL STATISTICS BULLETIN 1982

## Introduction

Vital Statistics of the State for the calendar year 1982 are presented in this bulletin. The registration of birth and death in the State is governed by the Birth and Death Act of 1969 and the Rules made thereunder in 1970. The Act provides for a suitable machinery for effective Registration of Births and Deaths and compilation of Vital Statistics. The Chief Registrar is the Director of Panchayats and the Additional Chief Registrar is the Additional Director, Economics and Statistics. The District Panchayat Officers are the District Registrars. In the Panchayats, the Executive Officers are the Statutory Local Registrars and in the municipalities and city corporations the Commissioners are the Registrars. The Health Inspectors are the Local Registrars of the municipality/corporation. The data received from the registering authorities are scrutinised, coded and tabulated by the Vital Statistics Unit of the Department of Economics and Statistics.

### 2. Source of the data

The relevant details of birth and death are recorded in separate registers kept at the registration units. The registers contain information such as date of birth, sex of child, literacy of mother and father, occupation, religion, age of mother, type of attention etc., in the case of birth and information such as date of death, age, sex, occupation, religion and cause of death of the deceased etc. in the case of death. These details are entered in the prescribed Birth and Death cards by the Local Registrars and forwarded to the Department of Economics and Statistics for the preparation of statistical reports.

### 3. Limitation of the data

As omissions in the registration are likely to occur, the total number of registered events under Civil Registration is likely to be less than that of actual events that occurred. The success of Civil Registration depends to a large extent on the civic consciousness and co-operation of the people. From the data we see that the registered vital rate is higher in the urban areas than in the rural areas due to the fact that the registration is de facto and the urban hospital facilities are utilised by the rural people also. Attempts are being made to improve registration of birth and death by educating public on the importance and necessity of vital registration through intensive publicity and propaganda.

### 4. Processing of data

The data are processed through manual and mechanical tabulation.



## 5. Vital rates

The data available from the events reported are used for arriving at the following registered vital rates:-

- (a) *Crude birth rate.*—Crude birth rate is the number of live births per thousand population (mid-year)
- (b) *Crude death rate.*—Crude death rate is the number of deaths per thousand population (mid-year)
- (c) *Infant death rate* —Infant death rate is the number of deaths of infants below one year of age out of thousand live births in the year.
- (d) *Maternal death rate.*—Maternal death rate is the number of maternal deaths per thousand live and still births.
- (e) *Still birth rate.*—The still birth rate is the number of such births per thousand live and still births.

## 6. Birth and birth rates of the State for the year 1982

A total of 5.61 lakhs of live births were registered in the State during the year 1982, of which 3.49 lakhs were in the rural areas and 2.12 lakhs in the urban areas. The registered birth rate of the State during the year 1982 works out to 21.48 as against 21.64 during 1981. The district-wise break up are presented in table No.1. Malappuram registered the highest birth rate of 28.84. Other districts having a birth rate over and above the State average are Palghat (22.78), Kozhikode (24.76) and Cannanore (24.15).

## 7. Death and death rates of the State for the year 1982

During 1982, 1.20 lakh deaths were registered in the State. Rural areas accounted for 0.85 lakh and urban areas for 0.35 lakh. The registered death rate for the State was 4.59 against 4.84 in 1981. The highest death rate of 5.71 is recorded in Kozhikode District and the lowest of 3.21 in Idukki district. The death rates in dukki (3.21), Quilon (3.92) Ernakulam (4.39), Malappuram (4.13), Wayanad (3.59) and Cannanore (4.50) are below State average.

## 8. Infant death rate for the state for 1982

The number of infant deaths that occurred during 1982 was 8587, During 1981 this figure was 8867. The infant death rate in 1982 was 15.32. The highest infant death rate during 1982 was registered in Trivandrum (24.72) and the lowest in Malappuram (10.78).

## 9. Maternal death rate

During 1982, 127 maternal deaths occurred. Out of this the majority was in rural areas (112). The maternal death rate during 1982 comes to 0.22 indicating a slight increase over 1981 (0.19).



### 10. Still birth rate for the State in 1982

The total number of still births comes to 4854. During 1981 this figure was lower (4465). The still birth rate for the State during 1982 works out to 8.58. The highest still birth rate was for Kozhikode (13.19) and the lowest rate was for Alleppey (3.56). Those districts having a still birth rate lower than the State average are Alleppey (3.56), Malappuram (6.66) Kottayam (7.84), Trivandrum (7.84) Idukki (7.85), Palghat (7.77) and Cannanore 8.30.

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TABLE 1

Statement showing the total number of births, deaths, still births, infant death and maternal deaths and their rates—1982

Name of district	Rural/Urban	Mid year estimated population (in '000)	Live births			Deaths		
			Number	Rates		Number	Rates	
				1982	1981		1982	1981
1	2	3	4	5	6	7	8	9
Trivandrum	Rural	2027	16647	8.21	8.69	5793	2.86	2.96
	Urban	633	36476	57.62	53.53	6668	10.53	10.15
	Total	2660	53123	19.97	19.36	12461	4.68	4.67
Quilon	Rural	2645	37155	14.05	14.78	8953	3.38	3.48
	Urban	217	17834	82.18	79.81	2277	10.49	9.95
	Total	2862	54989	19.21	19.72	11230	3.92	3.97
Alleppey	Rural	2027	22256	10.98	11.61	8120	4.07	4.22
	Urban	356	19201	53.94	56.19	3372	9.41	9.59
	Total	2383	41457	17.40	18.28	11492	4.82	5.03
Kottayam	Rural	1560	21360	13.69	14.57	7056	4.52	4.82
	Urban	161	11421	70.94	71.33	1091	6.78	7.52
	Total	1721	32781	19.05	19.87	8147	4.73	5.07
Idukki	Rural	970	12225	12.60	14.42	2899	2.99	3.13
	Urban	37	3707	100.19	96.08	338	9.14	7.92
	Total	1007	15932	15.82	17.42	3237	3.21	3.30
Ernakulam	Rural	1860	14907	8.01	9.13	5860	3.15	3.36
	Urban	734	35524	48.40	46.85	5535	7.54	7.31
	Total	2594	50431	19.44	19.81	11395	4.39	4.48



TABLE 1—(cont.)

Name of district	Rural/Urban	Still birth			Infant death			Maternal death		
		Number	Rates		Number	Rates		Number	Rates	
			1982	1981		1982	1981		1982	1981
		10	11	12	13	14	15	16	17	18
Trivandrum	Rural	26	1.56	9.45	158	9.49	8.79	13	0.78	0.23
	Urban	394	10.69	8.31	1155	31.66	23.91	..	..	0.21
	Total	420	7.84	8.70	1313	24.72	18.74	13	0.24	0.22
Quilon	Rural	303	8.09	7.65	366	9.85	10.20	7	0.19	0.15
	Urban	227	12.57	14.02	315	17.66	18.88	7	0.22	0.23
	Total	530	9.55	9.62	681	12.38	12.87	11	0.20	0.18
Alleppey	Rural	47	2.11	3.60	197	8.85	7.69	2	0.09	0.30
	Urban	101	5.23	5.07	307	15.99	13.86	2	0.10	0.25
	Total	148	3.56	4.27	504	12.16	10.53	4	0.10	0.28
Kottayam	Rural	160	7.43	3.23	386	18.07	21.15	..	..	0.13
	Urban	99	8.59	9.61	91	7.97	9.87	..	..	0.52
	Total	259	7.84	5.38	477	14.55	17.37	..	..	0.26
Idukki	Rural	90	7.31	7.37	271	22.17	25.42	6	0.49	0.15
	Urban	36	9.62	11.71	66	17.80	13.59	..	..	..
	Total	126	7.85	8.25	337	21.15	23.02	6	0.37	0.12
Ernakulam	Rural	115	7.66	7.61	152	10.20	14.31	12	0.80	0.12
	Urban	431	11.99	12.35	605	17.03	19.10	..	..	0.18
	Total	546	10.71	10.79	757	15.01	17.52	12	0.24	0.16

TABLE 1—(cont.)

Name of district	Rural/Urban	Mid year estimated population (in '000)	Live births			Deaths		
			Number	Rates		Number	Rates	
				1982	1981		1982	1981
1	2	3	4	5	6	7	8	9
Trichur	Rural	2240	27112	12.10	12.37	8144	3.64	3.93
	Urban	248	26159	105.48	96.28	3461	13.96	13.00
	Total	2488	53271	21.41	20.82	11605	4.66	4.85
Palghat	Rural	1923	39557	20.57	20.63	9594	4.99	5.72
	Urban	180	8357	46.43	44.40	2036	11.31	12.10
	Total	2103	47914	22.78	22.68	11630	5.53	6.28
Malappuram	Rural	2314	61091	26.40	27.53	8407	3.63	4.13
	Urban	184	10963	59.58	55.11	1900	10.38	10.40
	Total	2498	72054	28.84	29.57	10307	4.13	4.59
Kozhikode	Rural	1845	29362	15.91	15.30	6553	3.55	3.79
	Urban	470	27968	59.51	56.35	6444	14.14	14.52
	Total	2315	57330	24.76	23.69	13197	5.71	5.98
Wayanad	Rural	579	11554	19.96	20.97	2076	3.59	3.71
	Urban	..	..	..	..	..	..	..
	Total	579	11554	19.96	20.97	2076	3.59	3.71
Cannanore	Rural	2712	55366	20.42	20.83	11175	4.12	4.52
	Urban	187	14657	78.38	73.55	1875	10.03	10.41
	Total	2899	70023	24.15	24.28	13050	4.50	4.91
State Kerala	Rural	22702	348592	15.36	15.91	84630	3.73	4.02
	Urban	3407	212267	62.30	59.59	35197	10.33	10.26
	Total	26109	560859	21.48	21.64	119827	4.59	4.84

TABLE 1—(cont.)

Name of district	Rural/Urban	Still birth			Infant death			Maternal death		
		Number	Rates		Number	Rates		Number	Rates	
			1982	1981		1982	1981		1982	1981
		10	11	12	13	14	15	16	17	18
Trichur	Rural	162	5.94	5.26	248	9.15	10.35	2	0.07	0.15
	Urban	318	12.01	12.17	430	16.44	17.62	3	0.11	0.13
	Total	480	8.93	8.49	678	12.73	13.73	5	0.09	0.14
Palghat	Rural	152	3.83	4.29	536	13.55	15.93	18	0.45	0.15
	Urban	223	25.99	26.24	305	36.50	41.50	1	0.12	0.37
	Total	375	7.77	8.07	841	17.55	20.25	19	0.39	0.19
Malappuram	Rural	175	2.86	2.64	487	7.97	8.41	19	0.31	0.13
	Urban	308	27.33	30.28	290	26.45	27.57	1	0.09	0.49
	Total	483	6.66	6.54	777	10.78	11.04	20	0.28	0.18
Kozhikode	Rural	57	1.94	4.16	189	6.44	6.90	3	0.10	0.29
	Urban	709	24.72	15.73	985	35.22	40.75	2	0.07	0.15
	Total	766	13.19	9.81	1174	20.48	23.35	5	0.09	0.22
Wayanad	Rural	135	11.55	9.86	211	18.26	16.18	2	0.17	0.17
	Urban	..	..	..	..	..	..	..	..	..
	Total	135	11.55	9.86	211	18.26	16.18	2	0.17	0.17
Cannanore	Rural	365	6.55	5.03	595	10.75	13.41	28	0.50	0.13
	Urban	221	14.85	14.70	242	16.51	19.33	2	0.13	0.22
	Total	586	8.30	6.96	837	11.95	14.58	30	0.42	0.15
State	Rural	1787	5.10	5.15	3796	10.89	12.21	112	0.32	0.17
	Urban	3067	14.24	12.98	4791	22.57	22.70	15	0.07	0.23
	Total	4854	8.58	7.99	8587	15.32	15.99	127	0.22	0.19



TABLE 2

## 1981 Census Population (to the nearest thousand) of Districts Rural, Urban and sex-wise

Serial Number	District	Total population	Rural		Urban		Population not under registration				Population of towns each with population 30,000	
			Male	Female	Male	Female	Rural		Urban		Male	Female
							Male	Female	Male	Female		
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Trivandrum	2596	957	986	325	331	..	..	..	..	279	282
2	Quilon	2814	1205	1238	184	187	..	..	..	..	106	108
3	Alleppey	2350	963	1014	183	190	..	..	..	..	134	137
4	Kottayam	1697	769	769	79	80	..	..	..	..	58	58
5	Idukki	972	472	455	23	22	..	..	..	..	18	18
6	Ernakulam	2535	766	766	503	500	..	..	..	..	297	293
7	Trichur	2440	913	1012	249	266	..	..	..	..	74	80
8	Palghat	2044	893	945	101	105	..	..	..	..	87	90
9	Malappuram	2403	1083	1142	88	90	..	..	..	..	88	90
10	Kozhikode	2245	808	827	304	306	..	..	..	..	288	230
11	Wayanad	554	284	270	..	..	..	..	..	..	..	..
12	Cannanore	2804	1057	1091	..	322	..	..	..	..	..	88
	Kerala State	25454	10167	10515	2361	2411	..	..	..	..	1457	1477

TABLE 3

Total number of births, still births and infant deaths and maternal deaths in Corporations and Municipalities having a population 30,000 and over

Corporation/Municipality	Births			Deaths			Still birth	Infant death	Maternal death
	Total	Male	Female	Total	Male	Female			
Trivandrum Corporation...	26187	13419	12768	5894	3697	2197	317	1047	..
Nedumangad	2899	1504	1395	215	134	81	1	41	..
Varkala	2944	1558	1386	173	107	66	20	14	..
Quilon	12066	6225	5841	1737	1065	672	164	249	..
Punalur	2817	1444	1373	300	180	120	41	42	..
Pathanamthitta	2951	1453	1498	240	132	108	22	24	..
Kayamkulam	3290	1684	1606	262	155	107	20	6	..
Alleppey	7037	3560	3477	1734	1065	669	25	160	..
Sherthala	2396	1318	1078	466	276	190	26	41	..
Kottayam	4364	2255	2109	450	299	151	40	24	..
Changanacherry	2390	1228	1162	220	144	76	15	15	..
Thodupuzha	3707	1881	1826	338	201	137	36	66	..
Cochin Corporation	15361	7987	7374	3493	2280	1213	226	290	..
Thripunithura	2145	1094	1051	258	149	109	26	18	..
Kothamangalam	3662	1834	1828	350	207	143	33	58	..
Trichur	13120	6898	6222	2059	1322	737	147	255	..
Chatakudy	2480	1272	1208	285	198	87	31	28	..
Chavakkad	1909	976	933	176	94	82	22	20	..

TABLE 3—(cont.)

Corporation/Municipality	Births			Deaths			Still birth	Infant death	Maternal death
	Total	Male	Female	Total	Male	Female			
Palghat	6640	3396	3244	1494	885	609	200	254	..
Shornur	434	234	220	170	100	70	..	2	..
Chittur	1263	666	597	372	208	164	..	49	..
Malappuram	1882	961	921	219	124	95	55	39	..
Manjeri	4126	2166	1960	890	538	352	193	133	..
Ponnani	1380	725	655	316	171	145	6	48	..
Tirur	3575	1861	1714	475	272	203	54	70	..
Calicut Corporation	21105	11078	10027	6178	3853	2325	651	897	..
Badagara	6863	3537	3326	466	274	192	58	88	..
Cannanore	3023	1527	1446	445	247	198	46	43	..
Tellicherry	7255	3775	3480	469	282	379	62	116	..
Kasargode	4379	2211	2168	469	266	203	113	83	..



TABLE 4

Total number of births and deaths, still births, infant deaths and maternal deaths in Corporation and Municipalities having a population of 30,000 and over—District-wise

District	Births (2)	Deaths (3)	Still births (4)	Infant deaths (5)	Maternal deaths (6)
Trivandrum	32030	6282	338	1102	..
Quilon	17834	2277	227	315	4
Alleppey	12723	2462	71	207	2
Kottayam	6754	670	49	39	..
Idukki	3707	338	36	66	..
Ernakulam	21168	4101	285	366	..
Trichur	17509	2520	200	303	1
Palghat	8357	2036	223	305	1
Malappuram	10963	1900	308	290	1
Kozhikode	27968	6644	709	985	2
Wayanad	..	..	..	..	..
Cannanore	14657	1875	221	242	2
Total	173670	31105	2667	4220	13

TABLE 5

Births, deaths, still births, infant deaths, maternal deaths and their rates in Municipalities and Corporations

Sl. number	Corporation/ Municipalities	Births			Rate	Deaths			Total
		Male	Female	Total		Male	Female	Total	
1	2	3	4	5	6	7	8	9	
1	Trivandrum Corporation	13419	12768	26187	52.94	3697	2197	5894	
2	Nedumangad	1504	1395	2899	64.52	134	81	215	
3	Varkala	1558	1386	2944	85.09	107	66	173	
4	Neyyattinkara	1453	1370	2823	93.64	166	114	280	
5	Attungal	807	816	1623	54.06	72	34	106	
6	Quilon	6225	5841	12066	86.20	1065	672	1737	
7	Punalur	1444	1373	2817	64.43	181	120	300	
8	Pathanamthitta	1453	1498	2951	87.77	132	108	240	
9	Kayamkulam	1684	1606	3290	52.70	155	107	262	
10	Alleppey	3560	3477	7037	41.08	1065	669	1734	
11	Sherthala	1318	1078	2396	58.38	276	190	466	
12	Mavelikkara	1468	1384	2852	106.70	200	131	331	
13	Thiruvalla	1532	1415	2947	99.57	261	161	422	
14	Chengannur	354	325	679	27.24	81	76	157	
15	Kottayam	2255	2109	4364	67.03	299	151	450	
16	Changanacherry	1228	1162	2390	45.58	144	76	220	
17	Palai	1398	1343	2741	125.65	135	84	219	
18	Vaikom	974	952	1926	90.64	120	82	202	
19	Thodupuzha	1881	1876	3757	101.01	201	137	338	
20	Cochin Corporation	7987	7374	15361	29.27	2280	1213	3493	
21	Thrippunithura	1094	1051	2145	47.91	149	109	258	
22	Kothamangalam	1834	1828	3662	107.81	207	143	350	

TABLE 5—(cont.)

Sl. number	Corporation/ Municipalities	Deaths		Still Births		Infant death		Maternal Death	
		Rate	Number	Rate	Number	Rate	Number	Rate	Number
1	Trivandrum Corporation	11.92	317	11.96	1047	39.98	Nil	..	..
2	Nechumangad	4.78	1	0.34	41	14.14	Nil	..	..
3	Varkala	5.00	20	6.75	14	4.76	Nil	..	..
4	Neyyattinkara	9.78	39	13.62	46	16.29	Nil	..	..
5	Attingal	3.53	17	10.37	7	4.31	Nil	..	..
6	Quilon	12.41	164	13.41	249	20.64	2	0.16	0.70
7	Punalur	6.86	41	14.35	42	14.91	2	0.16	0.70
8	Pathanamthitta	7.14	22	7.40	24	8.13	Nil	..	..
9	Kayamkulam	4.20	20	6.04	6	1.82	Nil	..	..
10	Alleppey	10.12	25	3.54	160	22.74	2	0.28	..
11	Sherthala	11.35	26	10.73	41	17.11	Nil	..	..
12	Mavelikkara	12.38	2	0.70	46	16.13	Nil	..	..
13	Thiruvalla	14.26	27	9.08	47	15.95	Nil	..	..
14	Changanur	6.30	1	1.47	7	10.31	Nil	..	..
15	Kottayam	6.91	40	9.08	24	5.50	Nil	..	..
16	Changanacherry	4.20	9	3.75	15	6.28	Nil	..	..
17	Palai	10.04	25	9.04	29	10.58	Nil	..	..
18	Vaikom	9.51	25	12.81	23	11.94	Nil	..	..
19	Thodupuzha	9.21	36	9.62	66	17.80	Nil	..	..
20	Cochin Corporation	6.66	226	14.50	290	18.88	Nil	..	..
21	Thrippunithura	5.76	26	11.98	18	8.39	Nil	..	..
22	Kothamangalam	10.30	33	8.93	58	15.84	Nil	..	..



TABLE 5—(cont.)

Sl. number	Corporation/ Municipalities	Births			Rate	Deaths			Total
		Male	Female	Total		Male	Female	Total	
1	2	3	4	5	6	7	8	9	
23	Always	2123	1952	4075	160.13	235	128	363	
24	Parur	1592	1440	3032	114.17	166	124	290	
25	Angamali	1087	1072	2159	74.74	200	125	325	
26	Perumpavur	1228	1271	2499	106.78	138	77	215	
27	Moovattupuzha	1308	1283	2591	100.43	144	97	241	
28	Trichur	6898	6222	13120	167.88	1322	737	2059	
29	Chalakkudi	1272	1208	2480	58.30	198	87	285	
30	Chavakkad	976	933	1909	54.38	94	82	176	
31	Kunnankulam	1519	1431	2950	150.59	147	100	247	
32	Guruvayoor Town ship	29	27	56	3.09	61	46	107	
33	Kodungaloor	1766	1521	3207	114.43	195	135	330	
34	Palghat	3396	3244	6640	58.43	885	609	1494	
35	Irinjalakuda	1222	1135	2357	90.00	144	113	257	
36	Shoranur	234	220	454	12.72	100	70	170	
37	Chittoor	666	597	1263	41.17	208	164	372	
38	Malappuram	961	921	1882	45.81	124	95	219	
39	Manjeri	2166	1960	4126	73.39	538	352	890	
40	Ponnani	725	655	1380	31.65	171	145	316	
41	Tirur	1861	1714	3575	84.62	272	203	475	
42	Calicut Corporation	11078	10027	21105	52.22	3853	2325	6178	
43	Badagara	3537	3326	6863	104.29	274	192	466	
44	Cannanore	1577	1446	3023	45.64	247	198	445	
45	Tellicherry	3775	3480	7255	94.76	7582	379	961	
46	Kasargod	2211	2168	4379	98.47	266	203	469	

TABLE 5—(cont.)

Sl. number	Corporation/ Municipalities	Deaths		Still Birth		Infant death		Maternal Death	
		Rate	Number	Rate	Number	Rate	Number	Rate	Number
23	Always	10	11	12	13	14	15	16	
24	Parur	14.26	39	9.48	64	15.71	Nil	..	..
25	Angamali	10.92	47	15.26	33	10.88	Nil	..	..
26	Perumpavur	11.25	8	3.69	54	25.01	Nil	..	..
27	Moovattupuzha	9.19	26	10.30	31	12.40	Nil	..	..
28	Trichur	9.34	26	9.94	57	22.00	Nil	..	..
29	Chalakudi	26.35	147	11.08	255	19.44	1	0.08	..
30	Chavakkad	6.70	31	12.35	28	11.29	Nil	..	..
31	Kunnamkulam	5.01	22	11.39	20	10.48	Nil	..	..
32	Guruvayoor Township	12.61	45	15.03	40	13.56	1	0.33	..
33	Kodungalloor	5.90	..	..	..	..	Nil	..	..
34	Palghat	11.49	38	11.43	11	15.82	1	0.30	..
35	Irinjalakuda	18.15	200	29.24	254	38.25	Nil	..	..
36	Shoranur	9.81	35	14.63	35	14.85	Nil	..	..
37	Chittoor	4.76	..	..	2	4.41	Nil	..	..
38	Malappuram	12.13	23	17.88	49	38.80	1	0.78	..
39	Manjeri	5.33	55	28.39	39	20.72	Nil	..	..
40	Ponnani	15.83	193	44.69	133	32.23	Nil	..	..
41	Tirur	7.11	6	4.33	48	34.78	Nil	..	..
42	Calicut Corporation	11.24	54	14.88	70	19.58	1	0.28	..
43	Badagara	15.29	651	29.92	897	42.50	1	0.05	..
44	Cannanore	7.08	58	8.38	88	12.82	1	0.14	..
45	Tellicherry	6.72	46	15.04	43	14.22	Nil	..	..
46	Kasargod	12.55	62	8.47	116	15.99	1	0.14	..
		10.55	113	25.16	83	18.99	1	0.22	..

TABLE 6  
Live birth by the type of attention at delivery (Rural and Urban)

Districts	Rural										Urban						
	Total	Domicilliary					Townships with population less than 30,000					Town with population 30,000 and over					
		5	4	5	6	7	8	9	10	11	12	13	14	Institutional	Physician and Nurse and trained Midwife	Untrained Midwife	Others
1	2	5	4	5	6	7	8	9	10	11	12	13	14	11	12	13	14
Trivandrum	53123	11160	539	2519	2429	4420	..	..	26	31925	..	..	105	31925	..	..	105
Quilon	54989	28309	964	4954	2928	6452	..	..	..	17740	..	..	23	17740	..	..	23
Alleppey	41457	13943	2778	4341	1194	6452	13	..	13	12535	41	68	79	12535	41	68	79
Kottayam	32781	18635	646	1407	672	4641	12	14	..	6716	..	2	36	6716	..	2	36
Idukki	15932	6935	558	1924	2808	14285	..	..	..	3698	3	6	117	3698	3	6	117
Ernakulam	50431	11818	673	1549	867	14285	12	23	36	21025	4	22	77	21025	4	22	77
Trichur	53271	18117	1459	2597	4939	8508	59	39	44	17269	108	55	318	17269	108	55	318
Palghat	47914	15669	957	2764	20167	..	..	..	..	7591	309	139	764	7591	309	139	764
Malappuram	72054	13073	1530	13659	32629	..	..	..	..	9098	320	781	1066	9098	320	781	1066
Kozhikode	57330	16550	1643	5413	5756	..	..	..	..	25551	946	405	..	25551	946	405	..
Wayanad	11554	6508	629	2879	1538	..	..	..	..	14451	..	..	..	14451	..	..	..
Cannanore	70023	28654	6616	9111	10985	..	..	..	..	..	..	..	..	..	..	..	..
State	560859	189371	18992	53317	86912	38306	96	76	119	167599	1860	1516	2695	167599	1860	1516	2695



TABLE 7

## Live births according to their birth order and fathers literacy for the State—Urban

Order of birth	Total	Illiterate	Below matriculation	Matriculation/ Higher Secondary/ equivalent	Graduate and above
(1)	(2)	(3)	(4)	(5)	(6)
01	83569	3512	44665	27254	8138
02	59898	2727	34526	17344	5301
03	39227	2318	26550	8713	1646
04	14670	1433	10671	2226	340
05	6734	960	4959	705	110
06	3376	611	2433	304	28
07	1931	396	1423	98	14
08	1175	249	865	57	4
09	617	138	444	32	3
10	356	88	253	15	..
above 10	171	34	123	14	..
Not reported	543	56	351	98	38
Total	212267	12522	127263	56860	15622

TABLE 8

Live birth according to their birth order by the literacy of father for the State—Rural

Birth order	Total	Illiterate	Below Matriculation	Matriculation Higher secondary	Graduate and above	Not reported
1	2	3	4	5	6	7
01	111693	4459	26275	73136	7288	535
02	96207	2932	18437	66809	7646	383
03	61723	1030	8200	45497	6747	249
04	30987	238	2250	23143	5216	140
05	18359	80	748	13601	3868	62
06	12083	38	332	8598	3067	48
07	7130	17	186	5023	1873	31
08	4254	6	82	2958	1187	21
09	2300	6	33	1623	624	14
10	1212	2	23	865	315	7
above 10	684	1	6	504	168	5
Not reported	1960	29	314	1285	297	35
Total	348592	8838	56886	243042	38296	1530





TABLE 10

## Live birth according to their birth order by the occupation of father—Rural

Order of birth	2	3	4	5	6	7	8	9	10	Total
Professional technical and related works	9961	1057	2609	10734	6424	11556	54119	5343	9890	111693
Administration Executive and managerial works	7353	663	1844	8463	5614	11196	48689	5064	7321	96207
Clerical work	3696	295	807	5505	2943	6944	34181	3161	4191	61723
Sales works	1365	105	200	3060	1214	3396	18049	1926	1672	30987
Service workers	694	29	79	1996	669	2010	10825	1059	998	18359
Farmers fishermen hunters, loggers, etc. and related works	412	34	30	1303	390	1248	7313	819	534	12083
Loggers, etc. and related works	247	21	15	852	227	821	4106	494	347	7130
Production and other related works transport equipment operators and labourers	127	20	16	511	121	486	2456	335	182	4254
Others whose occupation is not elsewhere classified	77	4	6	259	63	305	1286	184	116	2300
Not reported	41	..	2	172	35	155	655	100	52	1212
above 10	20	2	2	97	12	109	324	69	49	684
Total	24115	2253	5635	33104	17777	38471	183040	18665	25532	348592

TABLE 11  
Live birth according to their order of birth by the literacy of mother—Urban

Order of birth	Graduate	Higher secondary and metriculation and (equivalent exami- nation	Below metricula- tion	Rest	Total
1	2	3	4	5	6
01	6280	27674	45622	3993	83569
02	3852	17732	35059	3255	59898
03	1013	7951	27511	2752	39227
04	172	1738	10804	1956	14670
05	40	449	4858	1387	6734
06	9	100	2411	856	3376
07	1	48	1257	625	1931
08	1	22	752	400	1175
09	..	15	378	224	617
10	..	13	214	129	356
above 10	1	12	85	73	171
Not reported	19	90	362	72	543
Total	11388	55844	129313	15722	212267

TABLE 12

Live birth according to their order of birth by the literacy of mother—Rural

Order of birth	Illiterate	Below metriculation	Metriculation higher secondary or equivalent	Graduate and above	Not reported	Total
1	2	3	4	5	6	7
01	3246	26336	71791	9589	731	111693
02	1887	18519	64759	10307	735	96207
03	521	7730	43468	9436	568	61723
04	82	1754	21374	7488	289	30987
05	20	486	12135	5550	168	18359
06	13	164	7375	4393	138	12083
07	2	95	4207	2739	87	7130
08	..	38	2446	1724	46	4254
09	..	15	1268	987	30	2300
10	..	12	657	528	15	1212
above 10	..	7	389	279	9	684
Not reported	27	282	1237	352	62	1960
Total	5798	55438	231106	53372	2878	348592





TABLE 14  
Live births by the age of mother and order of birth for Kerala State—Rural

Order of birth	Age of mother											All ages
	1	2	3	4	5	6	7	8	9	10	11	
01	..	18	31844	60671	16096	2373	501	83	17	90	111693	
02	..	..	5237	54419	29258	5910	1156	132	20	75	96207	
03	..	..	673	22238	28389	8098	2012	224	35	54	61723	
04	..	..	182	5140	14966	7535	2778	293	60	33	30987	
05	..	..	51	1118	6420	6742	3434	509	67	18	18359	
06	..	..	26	338	2397	4521	4012	665	117	7	12083	
07	..	..	6	122	742	2219	3205	711	121	4	7130	
08	..	..	..	28	239	961	2151	725	144	6	4254	
09	..	..	..	9	102	366	1114	590	117	2	2300	
10	..	..	..	..	14	104	637	371	85	1	1212	
above 10	..	..	..	..	2	54	297	235	90	6	684	
Not stated	..	..	142	570	416	186	113	35	84	414	1960	
Total	..	18	38161	144653	99041	39069	21410	4573	957	710	348592	

TABLE 15  
 Birth by religion in Corporation and Municipalities

Serial number	Municipalities	Hindu	Muslim	Christian	Others	Total
1	2	3	4	5	6	7
1	Trivandrum Corporation	20254	3054	2879	..	26187
2	Nedumangad	1954	612	333	..	2899
3	Varkala	2125	778	41	..	2944
4	Neyyattinkara	1775	114	934	..	2823
5	Attungal	1117	500	6	..	1623
6	Quilon	7705	2474	1887	..	12066
7	Punalur	1708	510	599	..	2817
8	Pathanamthitta	1551	215	1185	..	2951
9	Kayamkulam	2342	774	174	..	3290
10	Alleppey	3988	1414	1635	..	7037
11	Sherthalai	2049	44	303	..	2396
12	Mavelikkara	2276	105	471	..	2852
13	Thiruvalla	1444	38	1465	..	2947
14	Chengannur	473	10	196	..	679
15	Kottayam	2255	255	1854	..	4364
16	Changanacherry	1432	194	764	..	2390



17	Palai	34	1373	2741
18	Vaikom	76	206	1926
19	Thodupuzha	604	1746	3707
20	Cochin Corporation (C)	2932	5905	15361
21	Trippunithura	42	494	2145
22	Alwaye	1628	750	4075
23	Parur	273	483	3032
24	Angamali	9	1620	2159
25	Perumpavoor	600	648	2499
26	Moovattupuzha	759	673	2591
27	Trichur	954	4783	13120
28	Chalakkudy	1207	1165	2480
29	Chavakkadu	793	65	1909
30	Irinjalakuda	1767	401	2357
31	Kunnamkulam	1938	316	2950
32	Guruvayoor Township (T.S)	40	56	56
33	Kodungallur	2113	213	3287
34	Palghat	5207	167	6640
35	Shorur	373	8	454
36	Manjeri	1503	114	4126
37	Corporation of Calicut (C)	12531	656	21105
38	Badagara	4937	21	6863
39	Cannanore	1385	78	3023
40	Tellicherry	4405	98	7255
41	Kasargode	1883	42	4379
42	Kothamangalam	1178	1758	3662
43	Chittur	1101	13	1263
44	Malappuram	453	23	1882
45	Ponnani	570	3	1380
46	Tirur	1284	2285	3575

TABLE 16  
 Birth according to age group of Mother in Municipalities/Corporations

Serial number	Name of Municipality/ Corporation	Age group										Total
		Below 15 years	15-19	20-24	25-29	30-34	35-39	40-44	45 and above	N.R.	11	
1	Trivandrum Corporation	..	2160	10989	9626	2595	701	43	5	68	26187	
2	Nedumangad Municipality	..	309	1509	827	172	64	11	..	7	2899	
3	Varkala "	..	284	1372	930	253	85	7	..	12	2944	
4	Neyyattinkara "	..	209	1325	1013	214	35	27	..	..	2823	
5	Attungal "	..	93	925	498	91	15	1	..	..	1623	
6	Quilon "	..	890	5338	4090	1097	348	54	8	41	12066	
7	Punalur "	..	282	1527	695	225	68	14	1	5	2817	
8	Pathanamthitta "	..	188	1251	1196	248	65	2	1	..	2951	
9	Kayamkulam "	..	299	1627	960	335	57	11	1	..	3290	
10	Alleppey "	..	582	3110	2399	720	172	14	1	39	7037	
11	Sherthalai "	..	141	965	896	313	69	8	1	3	2396	
12	Mavelikara "	..	100	1430	997	239	70	8	8	..	2852	
13	Tiruvalla "	..	124	1103	1067	432	164	57	..	..	2947	
14	Chengannur "	..	28	257	297	77	18	2	..	..	679	
15	Kottayam "	..	233	1787	1711	490	129	13	1	..	4364	
16	Changanacherry "	..	167	1181	712	250	71	9	..	..	2390	
17	Palai "	..	96	1043	1077	379	123	17	6	..	2741	
18	Vaikom "	..	91	847	682	220	77	3	1	5	1926	
19	Thodupuzha "	..	189	1397	1446	472	169	28	2	4	3707	
20	Cochin Corporation	..	1077	6352	5493	1847	498	72	5	17	15361	
21	Trippunithura Municipality	..	120	990	737	230	52	7	2	7	2145	
22	Kothamangalam "	..	264	1354	1515	354	150	22	3	..	3662	
23	Alwaye "	..	391	2076	1073	385	135	15	..	..	4075	

24	Parur	92	1195	1284	374	75	7	1	4	3032
25	Angamali	42	965	852	210	65	14	6	5	2159
26	Perumbavoor	227	1232	739	201	87	10	3	..	2499
27	Moovattupuzha	215	1188	812	247	113	15	1	..	2591
28	Trichur	953	6006	4447	1249	361	60	3	41	13120
29	Chalakudy	109	1137	889	246	72	10	1	16	2480
30	Chavakkadu	225	741	533	258	121	18	8	5	1909
31	Irinjalakuda	163	1013	827	246	80	15	3	10	2357
32	Kunnamkulam	383	997	1081	336	117	28	3	5	2950
33	Guruvayoor Township	3	29	13	8	3	..	..	..	56
34	Kodungalloor Municipality	263	1571	1072	291	80	10	..	..	3287
35	Palghat	807	2568	2115	735	342	47	3	23	6640
36	Shornur	50	211	138	35	17	2	1	..	454
37	Manjeri	990	1344	965	436	308	47	21	11	4126
38	Calicut Corporation	3333	8961	5560	2250	831	133	20	17	21105
39	Badagara Municipality	1290	2993	1521	634	348	37	12	28	6863
40	Cannanore	446	1292	753	359	138	23	7	5	3023
41	Tellicherry	1184	2913	1806	886	389	43	12	22	7255
42	Kasargode	725	1534	1131	556	353	45	6	29	4379
43	Chittoor	140	485	366	172	75	17	2	6	1263
44	Malappuram	360	616	440	271	151	34	6	2	1882
45	Ponnani	192	503	338	181	142	20	4	..	1380
46	Tirur	642	1277	858	439	272	56	9	22	3575



TABLE 17  
Live Birth by Religion, Rural Urban—District-wise

Serial number	District	Rural/Urban	Total Births	Hindu	Muslim	Christian	Others
1	2	3	4	5	6	7	8
1	Trivandrum	R U T	16647 36476 53123	10872 27225 38097	1943 5058 7001	3803 4193 7996	29 29 29
2	Quilon	R U T	37155 17834 54989	23188 10964 34152	5874 3199 9073	8067 3671 11738	26 26 26
3	Alleppey	R U T	29256 19201 41457	13997 12572 26569	1584 2385 3969	6648 4244 10892	27 27 27
4	Kottayam	R U T	21360 11421 32781	9182 6665 15847	1391 559 1950	10745 4197 14942	42 42 42
5	Idukki	R U T	12225 3707 15932	6396 1357 7753	769 604 1373	5041 1746 6787	19 19 19
6	Ermakulam	R U T	14907 35524 50431	6556 16212 22768	1526 6969 8495	6795 12331 19126	30 12 42

7	Trichur	..	R U T	27112 26159 53271	15776 15142 30918	6634 4074 10708	4661 6943 11604	41 .. 41
8	Palghat	..	R U T	39557 8357 47914	25370 6681 32051	12924 1488 14412	1215 188 1403	48 .. 48
9	Malappuram	..	R U T	61091 10963 72054	14269 3810 18079	45811 7007 52818	954 146 1100	57 .. 57
10	Kozhikode	..	R U T	29362 27968 57330	13748 17468 31216	14364 9812 24176	1225 677 1902	25 11 36
11	Wynad	..	R U T	11554	4853	3974	2688	39
12	Canmanore	..	R U T	55366 14657 70023	31700 7673 39373	17979 6766 24745	5611 218 5829	76 .. 76
	State	..	R U T	348592 212267 560859	175907 125769 301676	114773 47921 162694	57453 38554 96007	459 23 482

TABLE 18  
 Month-wise distribution of live birth 1982—Rural and Urban

Rural/ Urban	Total		January	February	March	April	May	June	July	August	September	October	November	December
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Rural ..		348592	27933	26247	30978	28816	29629	31710	30593	28735	25907	29804	30175	28065
Urban ..		212267	15972	15592	18448	17546	18270	19041	18882	16903	16693	18275	18894	17751
State Total ..		560859	43905	41839	49426	46362	47899	50751	49475	45638	42600	48079	49069	45816



TABLE 19  
Sex ratio of Births Rural—Urban (District-wise)

Sl. No.	District	Rural/ Urban	Males	Females	Sex ratio
1	2	3	4	5	6
1	Trivandrum	..	8503	8144	958
2	Quilon	..	18741	17735	946
3	Alleppey	..	27244	25879	950
4	Kottayam	..	19002	18153	955
5	Idukki	..	9122	8712	955
6	Ernakulam	..	28124	26865	955
			11514	10742	933
			9916	9285	936
			21430	20027	935
			11044	10316	934
			5855	5566	951
			16899	15882	940
			6261	5964	953
			1881	1826	971
			8142	7790	957
			7669	7238	944
			18253	17271	946
			25922	24509	945

TABLE 19—(cont.)

Sl. No.	District	Rural/ Urban	Males	Females	Sex ratio
1	2	3	4	5	6
7	Trichur	R	13937	13175	945
		U	13682	12477	912
8	Palghat	R	27619	25652	929
		U	20532	19025	927
		T	4296	4061	945
9	Malappuram	R	24828	23086	930
		U	31312	29779	951
		T	5713	5250	919
10	Kozhikode	R	37025	35029	946
		U	15097	14265	945
		T	14615	13353	914
11	Wynad	R	29712	27618	930
		U	5899	5655	959
12	Cannanore	R	5899	5655	959
		U	28475	26891	944
		T	7563	7094	938
		U	36038	33985	943
		T	179245	169347	945
	State	U	109637	102630	926
		T	288882	271977	941

TABLE 20

## Month-wise distribution of Deaths—Rural and Urban

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Rural/ Urban	Total	January	February	March	April	May	June	July	August	September	October	November	December	
Rural ..	84630	6761	6316	6816	6151	6142	6932	8222	9133	7468	7146	6854	6689	
Urban ..	35197	2897	2563	2860	2926	2784	2896	3452	3247	2936	2780	2830	3026	
Total ..	119827	9658	8879	9676	9077	8926	9828	11674	12380	10404	9926	9684	9715	



TABLE 21  
Death by age and sex Rural and Urban

Age/Sex	Rural				Urban			All areas		
	2	3	4	5	6	7	8	9	10	
	Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	2	3	4	5	6	7	8	9	10	
Below 1 year	2084	1714	3796	2775	2015	4790	4859	3727	8586	
1-4 Years	1384	1404	2788	1133	1070	2203	2517	2474	4991	
5-14 "	1046	884	1930	896	711	1607	1942	1595	3537	
15-24 "	1440	1215	2715	1065	863	1928	2505	2138	4643	
25-34 "	1831	1132	2963	1190	828	2018	3021	1960	4981	
35-44 "	2828	1367	4195	1596	701	2297	4424	2068	6492	
45-54 "	5370	2247	7617	2691	1132	3823	8061	3379	11440	
55-64 "	8457	3858	12315	3833	1482	5315	12290	5340	17630	
65 and above	24313	21704	46017	6414	4656	11070	30727	26360	57087	
Age not specified	173	121	294	97	49	146	270	170	440	
Total	48926	35704	84630	21690	13507	35197	70616	49211	119827	

## Death by religion—District-wise Rural and Urban

Districts	Rural/Urban	Hindu	Muslim	Christian	Others	All Religion
1	2	3	4	5	6	7
Trivandrum	Rural	4278	324	1169	22	5793
	Urban	5220	626	822	..	6668
	Total	9498	950	1991	22	12461
Quilon	Rural	6160	767	2003	23	8953
	Urban	1517	308	452	..	2277
	Total	7677	1075	2455	23	11230
Alleppey	Rural	5574	328	2204	14	8120
	Urban	2230	346	796	..	3372
	Total	7804	674	3000	14	11492
Kottayam	Rural	3437	244	3266	109	7056
	Urban	603	48	440	..	1091
	Total	4040	292	3706	109	8147
Idukki	Rural	1605	133	1158	3	2899
	Urban	144	52	142	..	338
	Total	1749	185	1300	3	3237
Ernakulam	Rural	3067	446	2335	12	5860
	Urban	2868	780	1876	11	5535
	Total	5935	1226	4211	23	11395

TABLE 22—(cont.)

Districts	Rural/Urban	Hindu	Muslim	Christian	Others	All Religion
1	2	3	4	5	6	7
Trichur	Rural	5377	1001	1753	13	8144
	Urban	2198	407	856	..	3461
	Total	7575	1408	2609	13	11605
Palghat	Rural	7748	1576	249	21	9594
	Urban	1708	236	92	..	2036
	Total	9456	1812	341	21	11630
Malappuram	Rural	3323	4934	135	15	8407
	Urban	728	1154	18	..	1900
	Total	4051	6088	153	15	10307
Kozhikode	Rural	4482	1839	225	7	6553
	Urban	4168	2216	260	..	6644
	Total	8650	4055	485	7	13197
Wayanad	Rural	1118	526	428	4	2076
	Urban	..	..	..	..	..
	Total	1118	526	428	4	2076
Cannanore	Rural	8049	2351	740	35	11175
	Urban	1226	612	37	..	1875
	Total	9275	2963	777	35	13050
State	Rural	54218	14469	15665	278	84630
	Urban	22610	6785	5791	11	35197
	Total	76828	21254	21456	289	119827



TABLE 23

Death from some of the specified diseases in towns each with population 30000 and over as of 1981 census

Serial number	Name of town	Code diseases									
		01	02	04	05	07	08	10	14		
1		Total death	Fever	Dysentery/Diarrhoea	Respiratory diseases	Pulmonary T. B.	Tetanus	Diphtheria	Polio	Chicken pox	
1	Trivandrum	3	45	18	30	6	6	9	10	11	
2	Nedumangad	5894	2	2	30	6	6	6	6	6	
3	Varkala	215	6	4	121	55	12	12	12	12	
4	Quilon	173	8	53	22	17	17	17	17	17	
5	Punalur	300	16	7	79	71	71	71	71	71	
6	Pathanamthitta	240	3	1	53	17	17	17	17	17	
7	Kayamkulam	262	14	6	37	20	20	20	20	20	
8	Alleppey	1784	100	45	79	71	71	71	71	71	
9	Sherthalai	466	2	9	53	17	17	17	17	17	
10	Kottayam	450	7	4	37	20	20	20	20	20	
11	Changanachery	220	12	10	29	6	6	6	6	6	
12	Thodupuzha	338	6	6	278	6	6	6	6	6	
13	Cochin	3493	41	54	50	13	13	13	13	13	
14	Trippunithura	258	8	4	50	13	13	13	13	13	
15	Kothamangalam	350	5	4	50	13	13	13	13	13	

TABLE 23—(cont.)

Serial number	Name of town	17	18	19	20	21	22	28	32	38
		Cancer	Leprosy	Rabies	Typhoid	Pneumonia	Jandice	Heart diseases	Rheumatic complaints	Others
1	Trivandrum	..	..	..	..	..	..	242	93	5496
2	Nedumangad	.. 11	..	..	.. 2	..	..	71	14	67
3	Varkala	..	..	..	..	.. 1	..	21	6	135
4	Quilon	.. 34	.. 1	..	..	.. 67	.. 6	417	56	907
5	Punalur	.. 10	..	..	.. 3	..	..	28	53	144
6	Pathanamthitta	..	..	..	..	.. 1	..	19	40	176
7	Kayamkulam	..	..	..	..	..	.. 2	36	54	150
8	Alleppey	.. 69	..	..	..	.. 32	.. 7	318	109	888
9	Sherthalai	.. 14	..	..	..	.. 2	..	99	37	233
10	Kottayam	.. 11	..	..	..	..	..	51	37	283
11	Changanacherry	.. 6	..	..	..	.. 6	..	41	24	121
12	Thodupuzha	.. 18	..	..	..	.. 4	..	62	9	196
13	Coccin	.. 32	..	..	..	.. 13	..	550	242	2277
14	Trippunithura	..	..	..	..	..	..	51	16	183
15	Kothamangalam	.. 12	..	..	..	..	..	72	38	154

TABLE 23—(cont.)

14

Serial number	Name of Town	Code diseases															
		01	02	04	05	07	08	10	14	Rever	Disentry/Diarrhoea	Respiratory disease	Pulmonary T. B.	Tetanus	Diphtheria	Polio	Chicken pox
16	Trichur	2059	29	144	26	21	3	11	11	11	144	26	21	3	11	11	11
17	Chalakkudy	285	1	31	11	1	11	1	1	1	31	11	1	1	1	1	1
18	Chavakkadu	176	1	13	9	13	9	13	9	13	13	9	13	11	11	11	11
19	Palghat	1494	30	49	20	49	20	49	20	49	49	20	13	11	11	11	11
20	Shornur	170	3	10	6	10	6	10	6	10	10	6	2	11	11	11	11
21	Chittur	372	11	24	12	24	12	24	12	24	24	12	2	11	11	11	11
22	Malappuram	219	5	28	11	28	11	28	11	28	28	11	11	11	11	11	11
23	Manjeri	890	17	18	18	18	18	18	18	18	18	18	11	11	11	11	11
24	Ponnani	316	19	24	31	24	31	24	31	24	24	31	3	11	11	11	11
25	Tirur	475	7	31	31	31	31	31	31	31	321	210	3	11	11	11	11
26	Calicut	6178	41	222	14	321	210	21	21	21	14	21	59	8	20	20	20
27	Badagara	466	2	6	14	14	14	14	14	14	14	16	1	1	1	1	1
28	Cannanore	445	5	6	6	6	6	6	6	6	6	16	1	1	1	1	1
29	Tellicherry	961	7	4	4	4	4	4	4	4	4	46	1	1	1	1	1
30	Kasargode	469	5	13	27	27	45	45	45	45	27	45	1	1	1	1	1



TABLE 23—(cont.)

Serial number	Name of town	17	18	19	20	21	22	28	19	20
16	Trichur	14	..	..	..	11	5	392	7	1396
17	Chalakudy	8	..	..	..	1	1	36	5	186
18	Chavakadu	12	..	..	..	..	..	110	11	110
19	Palghat	31	..	..	..	17	10	110	21	1156
20	Shornur	9	..	..	..	1	..	14	7	120
21	Chittur	14	..	..	1	7	3	42	13	229
22	Malappuram	12	..	..	1	7	1	18	36	91
23	Manjeri	..	..	..	..	12	..	64	46	794
24	Ponnani	..	..	..	1	11	..	30	52	179
25	Tirur	15	..	..	..	7	2	67	22	265
26	Calicut	364	3	20	3	139	8	740	203	3816
27	Badagara	15	..	..	..	13	1	51	56	286
28	Cannanore	25	..	..	..	6	..	90	33	257
29	Telli chery	25	..	..	..	17	2	157	32	605
30	Kasaragod	12	..	2	..	9	3	62	6	284
								Heart diseases		
								Jandice		
								Pneumonia		
								Typhoid		
								Rabies		
								Cancer		
								Leprosy		
								Others		
								Rheumatic complains		

TABLE 24

## Infant deaths in districts by sex-Rural and urban

Districts	Rural/Urban	Male	Female	Total
1	2	3	4	5
Trivandrum	Rural	97	61	158
	Urban	688	467	1155
	Total	785	528	1313
Quilon	Rural	218	148	366
	Urban	174	141	315
	Total	392	289	681
Alleppey	Rural	112	85	197
	Urban	171	136	307
	Total	283	221	504
Kottayam	Rural	207	179	386
	Urban	47	44	91
	Total	254	223	477
Idukki	Rural	135	136	271
	Urban	41	25	66
	Total	176	161	337
Ernakulam	Rural	90	62	152
	Urban	349	256	605
	Total	439	318	757
Trichur	Rural	139	109	248
	Urban	245	185	430
	Total	384	294	678

TABLE 24—(cont.)

Districts	Rural/Urban	Male	Female	Total
1	2	3	4	5
Palghat	Rural	276	260	536
	Urban	176	129	305
	Total	452	389	841
Malappuram	Rural	248	239	487
	Urban	179	111	290
	Total	427	350	777
Kozhikode	Rural	100	89	189
	Urban	567	418	985
	Total	667	507	1174
Wayanad	Rural	123	88	211
	Urban	..	..	..
	Total	123	88	211
Cannanore	Rural	339	256	595
	Urban	138	104	242
	Total	477	360	837
Kerala	Rural	2084	1712	3796
	Urban	2775	2016	4791
	Total	4859	3728	8587



TABLE 25  
 Infant deaths by age and sex Rural/Urban

Age	Rural			Urban			Total		
	2	3	4	5	6	7	8	9	10
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1									
Under one week	1034	724	1758	1606	1144	2750	2640	1868	4508
One week to one month	311	294	605	404	250	654	715	544	1259
One month but below three months	293	276	569	268	202	470	561	478	1039
Three months but below 6 months	164	172	336	155	138	293	319	310	629
Six months but below 12 months	282	246	528	342	282	624	624	528	1152
Total	2084	1712	3796	2775	2016	4791	4859	3728	8587

TABLE 26  
Maternal death by age at death

Age	Rural	Town with population 30,000 and above	All other urban areas	Total for all areas
1	2	3	4	5
Below	Rural	..	..	..
15-19	64	2	..	66
20-24	24	1	..	25
25-29	15	5	..	20
30-34	6	2	..	8
35-39	3	2	2	7
40-44	..	..	..	..
45-49	..	1	..	1
50 and above	..	..	..	..
All ages	112	13	2	127

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