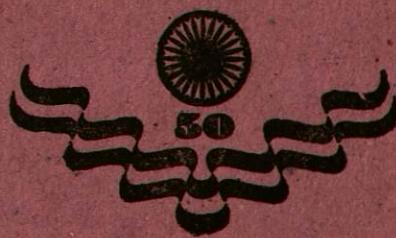




GOVERNMENT OF KERALA

VITAL STATISTICS  
BULLETIN  
No. 56

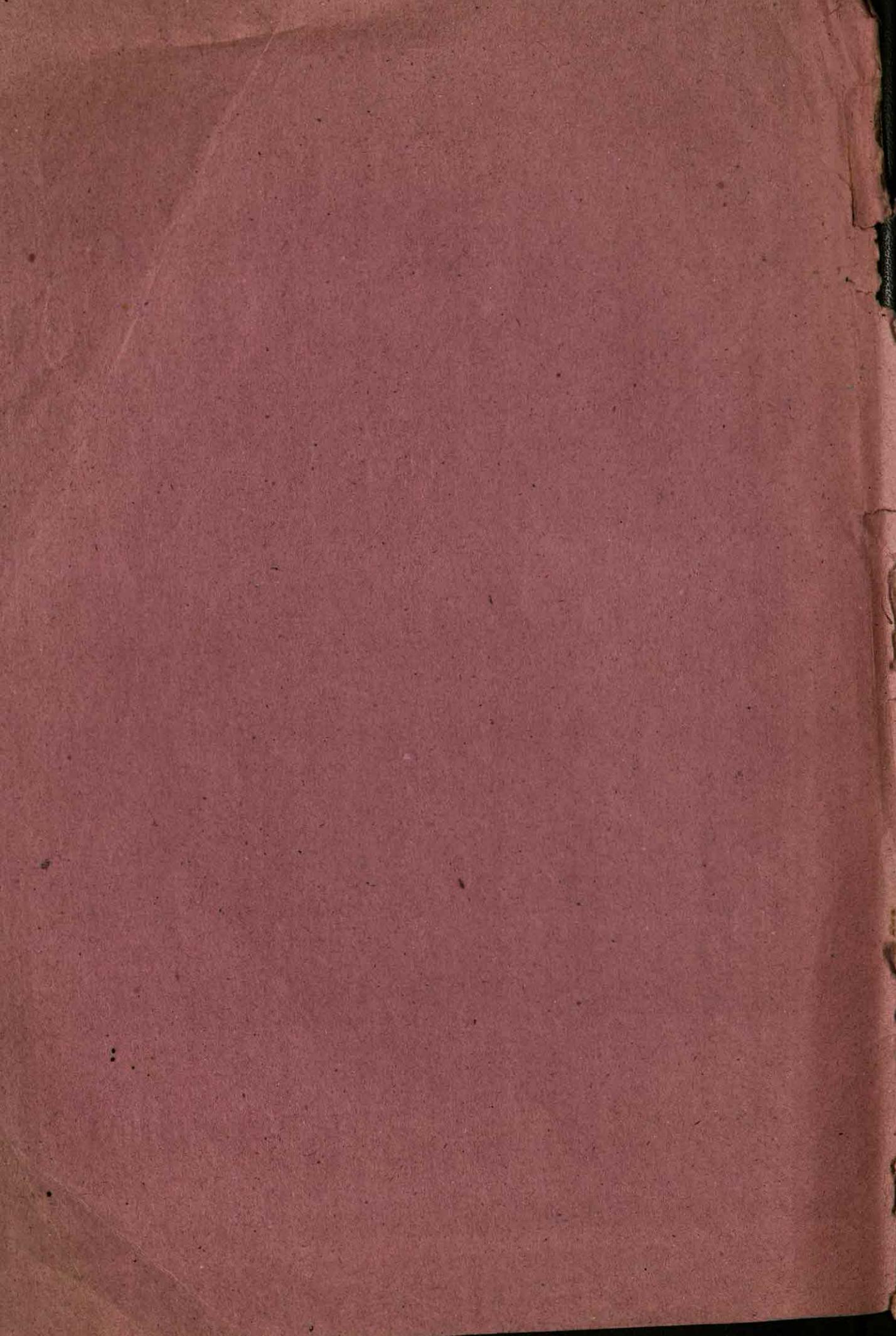
ANNUAL REPORT ON VITAL EVENTS  
1992



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DEPARTMENT OF ECONOMICS & STATISTICS  
THIRUVANANTHAPURAM

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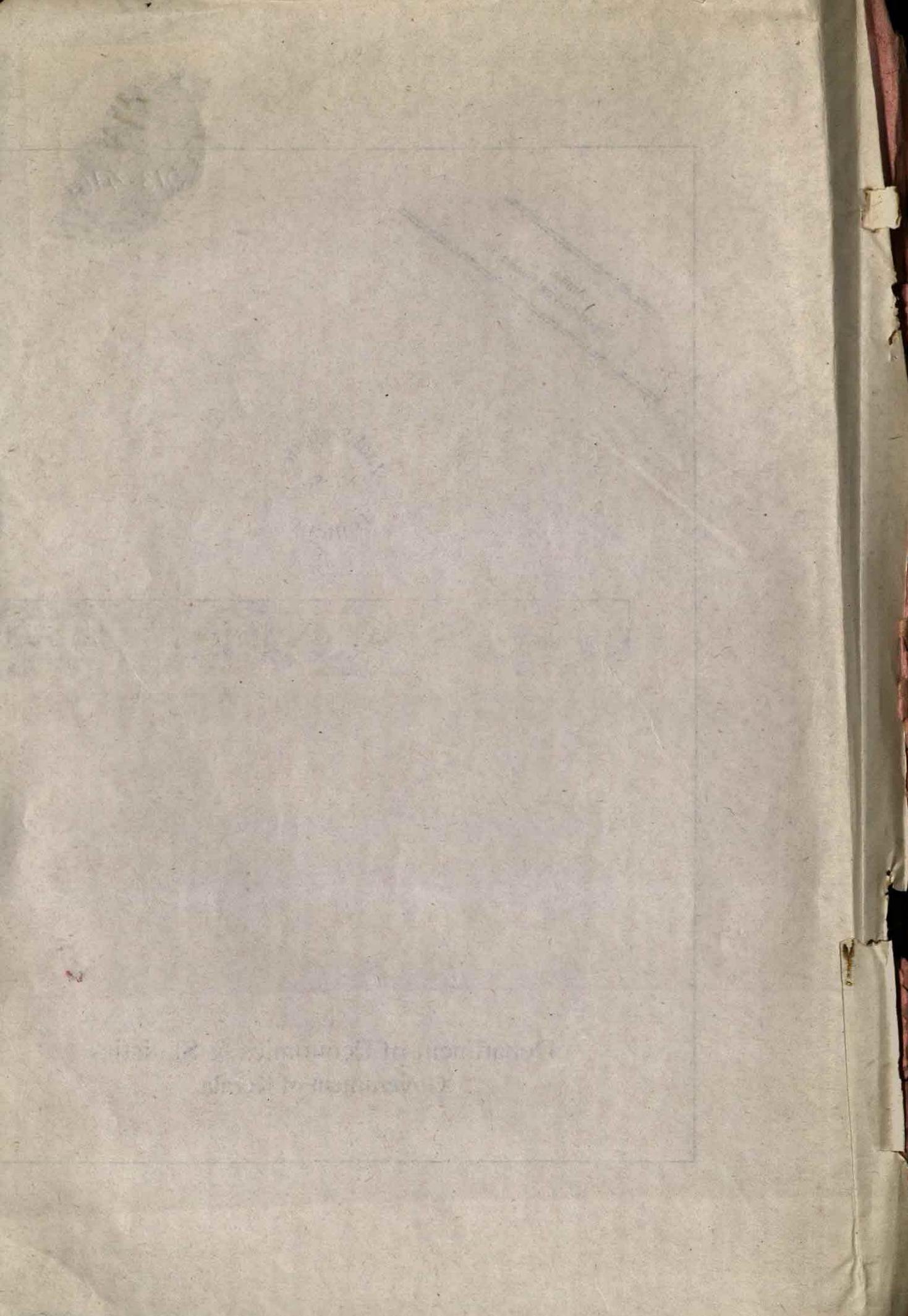
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Annual  
Report on Vital Events

Vital Statistics  
No.56  
Bulletin



Department of Economics & Statistics  
Government of Kerala



## PREFACE

*This Bulletin presents the Vital Statistics of the State for the calendar year 1992. The data relating to vital events received from the registering authorities are presented and vital <sup>mar</sup> events estimated.*

*This Bulletin has been prepared by the vital statistics unit of this Department.*

Thiruvananthapuram  
26-10-1996

**U.Thomas Sleeba**  
Director of Economics and Statistics



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## VITAL STATISTICS BULLETIN 1992

The Birth and Death Act of 1969 and Rules made there under govern the registration of deaths and births in the State. The act provides for a suitable machinery for the effective registration of births and deaths. The Director of Panchayats in the statutory capacity of Chief Registrar of births and deaths control the civil registration according to this Act. The Additional Chief Registrar of births and deaths is the Additional Director of Economics and Statistics. The District Panchayat Officers are empowered to function as the District Registrars of births and deaths. The Executive Officers of the Panchayats and the Health Inspectors and Health Officers of Municipalities and Corporations are the Local Registrar of the concerned registration units. The data relating to the vital events received from the registering authorities are compiled and analysed in the Vital Statistics unit of the Directorate of Economics and Statistics.

### **Source of Data**

As per the rules framed under the Births and Deaths registration Act births and deaths are to be registered within 21 days immediately after the occurrence of the event at the place of occurrence. The details of each event such as date of events, date of registration, sex, literacy, occupation and religion of father, age of mother, order of birth etc. are recorded at the time of registration in the registers maintained for the purpose. These details are then transferred to the prescribed birth, death, and still birth cards from the concerned registers. These filled-in-cards are forwarded periodically to the Directorate of Economics and Statistics where the data are compiled and analysed.

### **Limitation of the Data**

The registration of vital events is not complete as cases of under registration have been detected. Moreover it is seen that the registered vital rates in the urban areas are higher than that in the rural areas. It may be due to the fact that the registration is defacto. Now most of the people in the rural areas avail the modern medical facilities that exist in the urban areas. Sometimes ignorance of the informants reporting vital events may adversely affect the quality of the data. The causes of death reported by the informants may include those reported by laymen also. This is another limiting factor. All efforts are being made to make the public aware of the importance and necessity of registration of vital events.

### **Processing of Data**

The data contained in 5.23 lakhs birth cards and 1.63 lakhs death cards for the year 1992 received in the Directorate are processed for further analysis.

### **Vital Rates**

The data available from the events reported are used for arriving the following vital rates for the year 1992.

- i. Crude Birth rate
- ii. Crude Death rate
- iii. Infant Death rate
- iv. Maternal Death rate
- v. Still Birth rate

(2)

#### **i. Crude Birth rate**

Crude Birth rate is the number of live births per thousand population (mid-year).

#### **ii. Crude Death rate**

Crude Death rate is the number of deaths per thousand population (mid-year).

#### **iii. Infant Death rate**

Infant Death rate is the number of infant deaths (below one year) per thousand live births per year.

#### **iv. Maternal death rate**

Maternal death rate is the number of maternal deaths per thousand live births and still births.

#### **v. Birth and Death rates**

During the year under report, details of 5.23 lakhs of registered live births comprising of 2.41 lakhs rural births and 2.82 lakhs urban births have been analysed. The number of registered births during the year has decreased from 5.58 lakhs to 5.23 lakhs and the number of registered deaths has increased from 1.57 lakhs to 1.63 lakhs during the year. The registered birth rate for the state during the year 1992 was 17.67 as against 19.08 during 1991. The rural and urban rates were 9.57 and 64.45 as against 10.77 and 66.35 during the previous year. Malappuram district recorded the highest birth rate of 22.94 during the year also. Moreover birth rate showed a decreasing trend in Malappuram district when compared to previous year. The other districts where birth rates were above the state average were Kasaragod (18.84), Kannur (17.72), Wayanad (17.97), Kozhikode (19.76), Palakkad (18.60) and Thrissur (17.71). As in the previous year, birth rate was the lowest in Alappuzha district (13.13) followed by Idukki (13.92).

In almost all the districts, birth rate showed a decreasing trend when compared to that of the year 1991.

#### **Deaths and Death rates**

The total number of death cards considered for analysis were 1.63 lakhs of which 1.13 lakhs were from rural areas and 0.50 lakhs from urban areas. The registered death rate of the state during the year was 5.49. A slight increase in the death rate is noted during the year when compared to that of the previous year 1991 (5.37). The rural and urban break-ups were 4.48 and 11.32 respectively. On an analysis of the district wise rates, Kasaragode recorded the highest death rate (8.04) and Malappuram the lowest (3.83). Death rates in the districts of Kollam, Idukki, Malappuram, Wayanad and Kannur were below the state average.

### **Infant Death rate**

(3)

Total number of infant death during 1992 was 5152 as against 6315 in the previous year (1991). As in the previous year, infant deaths were the highest in Kozhikode district.

### **Maternal Death rate**

Total number of maternal deaths obtained from civil registration data recorded in the state was 16 of which 9 were from rural areas and 7 were from urban areas. No maternal deaths were reported from Idukki, Ernakulam, Wayanad, Kannur and Kasaragode districts. The maternal death rate in the state works out to 0.03 as against 0.09 during the previous year (1991).

### **Still Birth rate**

The total number of still births registered during the year was 2782 as against 3413 in the previous year. It showed a decreasing trend when compared to the previous year. Kozhikode district tops the list by registering 597 still births of which 16 were from rural areas and 581 from urban areas. The still birth rate in the state during the year was 5.29 as against 6.08 during the previous year (1991).

### **Conclusion**

Malappuram stood first in birth rate and Kasaragode in death rate.

Birth rate during the year showed a slight decrease when compared to that of the previous year, whereas death rate in the rural areas showed a slight increase and urban areas showed a slight decrease. Moreover, all the vital rates were higher in urban areas when compared to rural areas. This is attributed to the fact that the registration is defacto and the better medical facilities available in the urban areas are being utilised by the rural people also. Infant deaths and still births were the highest in Kozhikode district as in the previous year.

Table-1

(4)

**Total number of live births, deaths, still births, infant deaths,  
maternal deaths and their rates**

District	Rural/ Urban	Mid year Population ('000)	Estimated			Live Births			Deaths			
						Rate					Rate	
			Number	1992	1991	Number	1992	1991	Number	1992	1991	
1	2	3	4	5	6	7	8	9	7	8	9	
Thiruvananthapuram	Rural	2316	12207	5.27	6.05	8335	3.60	3.60	8335	3.60	3.60	
	Urban	684	39415	57.62	58.58	8276	12.10	12.14	8276	12.10	12.14	
	<b>Total</b>	<b>3000</b>	<b>51622</b>	<b>17.20</b>	<b>18.03</b>	<b>16611</b>	<b>5.54</b>	<b>5.55</b>	<b>16611</b>	<b>5.54</b>	<b>5.55</b>	
Kollam	Rural	2227	21847	9.81	10.44	8851	3.97	4.08	8851	3.97	4.08	
	Urban	224	16773	74.88	76.05	2465	11.00	11.54	2465	11.00	11.54	
	<b>Total</b>	<b>2451</b>	<b>38620</b>	<b>15.76</b>	<b>16.52</b>	<b>11316</b>	<b>4.62</b>	<b>4.77</b>	<b>11316</b>	<b>4.62</b>	<b>4.77</b>	
Pathanamthitta	Rural	1054	6155	5.84	6.63	5342	5.07	4.70	5342	5.07	4.70	
	Urban	156	14081	90.26	92.41	1879	12.04	12.13	1879	12.04	12.13	
	<b>Total</b>	<b>1210</b>	<b>20236</b>	<b>16.72</b>	<b>17.57</b>	<b>7221</b>	<b>5.97</b>	<b>5.62</b>	<b>7221</b>	<b>5.97</b>	<b>5.62</b>	
Alappuzha	Rural	1695	8237	4.86	5.48	7995	4.72	4.53	7995	4.72	4.53	
	Urban	342	18516	54.14	56.54	3561	10.41	10.92	3561	10.41	10.92	
	<b>Total</b>	<b>2037</b>	<b>26753</b>	<b>13.13</b>	<b>14.32</b>	<b>11556</b>	<b>5.67</b>	<b>5.66</b>	<b>11556</b>	<b>5.67</b>	<b>5.66</b>	
Kottayam	Rural	1680	20703	12.32	12.86	9843	5.86	5.87	9843	5.86	5.87	
	Urban	181	9484	52.40	49.95	1517	8.38	7.60	1517	8.38	7.60	
	<b>Total</b>	<b>1861</b>	<b>30187</b>	<b>16.22</b>	<b>17.26</b>	<b>11360</b>	<b>6.10</b>	<b>6.08</b>	<b>11360</b>	<b>6.10</b>	<b>6.08</b>	
Idukki	Rural	1057	11184	10.58	11.78	4194	3.97	3.85	4194	3.97	3.85	
	Urban	41	4095	99.88	98.68	465	11.34	9.46	465	11.34	9.46	
	<b>Total</b>	<b>1098</b>	<b>15279</b>	<b>13.92</b>	<b>15.07</b>	<b>4659</b>	<b>4.24</b>	<b>4.06</b>	<b>4659</b>	<b>4.24</b>	<b>4.06</b>	
Ernakulam	Rural	1939	7527	3.88	4.36	8071	4.16	4.08	8071	4.16	4.08	
	Urban	929	40402	43.49	44.71	8461	9.11	9.12	8461	9.11	9.12	
	<b>Total</b>	<b>2868</b>	<b>47921</b>	<b>16.71</b>	<b>17.48</b>	<b>16532</b>	<b>5.76</b>	<b>5.72</b>	<b>16532</b>	<b>5.76</b>	<b>5.72</b>	
Thrissur	Rural	2529	25162	9.95	11.40	13010	5.14	5.01	13010	5.14	5.01	
	Urban	258	24207	93.83	96.80	4228	16.39	15.82	4228	16.39	15.82	
	<b>Total</b>	<b>2787</b>	<b>49369</b>	<b>17.71</b>	<b>19.35</b>	<b>17238</b>	<b>6.19</b>	<b>6.02</b>	<b>17238</b>	<b>6.19</b>	<b>6.02</b>	
Palakkad	Rural	2132	26682	12.52	13.92	11180	5.24	5.41	11180	5.24	5.41	
	Urban	293	18417	62.86	64.32	3086	10.53	11.77	3086	10.53	11.77	
	<b>Total</b>	<b>2425</b>	<b>45099</b>	<b>18.60</b>	<b>19.94</b>	<b>14266</b>	<b>5.88</b>	<b>6.17</b>	<b>14266</b>	<b>5.88</b>	<b>6.17</b>	
Malappuram	Rural	2885	49398	17.12	20.24	9550	3.37	3.45	9550	3.37	3.45	
	Urban	267	22898	85.76	89.10	2517	9.43	9.52	2517	9.43	9.52	
	<b>Total</b>	<b>3152</b>	<b>72296</b>	<b>22.94</b>	<b>26.02</b>	<b>12067</b>	<b>3.83</b>	<b>3.96</b>	<b>12067</b>	<b>3.83</b>	<b>3.96</b>	
Kozhikode	Rural	2170	18500	8.53	9.66	8106	3.74	3.55	8106	3.74	3.55	
	Urban	497	34207	68.83	70.74	8354	16.81	16.89	8354	16.81	16.89	
	<b>Total</b>	<b>2667</b>	<b>52707</b>	<b>19.76</b>	<b>21.10</b>	<b>16460</b>	<b>6.17</b>	<b>6.05</b>	<b>16460</b>	<b>6.17</b>	<b>6.05</b>	
Wayanad	Rural	660	10946	16.58	17.44	2812	4.26	4.14	2812	4.26	4.14	
	Urban	24	1345	56.04	56.62	236	9.83	7.83	236	9.83	7.83	
	<b>Total</b>	<b>684</b>	<b>12291</b>	<b>17.97</b>	<b>18.78</b>	<b>3048</b>	<b>4.46</b>	<b>4.26</b>	<b>3048</b>	<b>4.46</b>	<b>4.26</b>	
Kannur	Rural	1918	12351	6.44	7.91	8108	4.23	4.14	8108	4.23	4.14	
	Urban	369	28167	76.33	81.69	3425	9.28	9.84	3425	9.28	9.84	
	<b>Total</b>	<b>2287</b>	<b>40518</b>	<b>17.72</b>	<b>19.95</b>	<b>17533</b>	<b>5.04</b>	<b>5.07</b>	<b>17533</b>	<b>5.04</b>	<b>5.07</b>	
Kasaragode	Rural	981	10595	10.80	11.37	7725	7.87	4.34	7725	7.87	4.34	
	Urban	110	9954	90.49	102.78	1052	9.56	9.93	1052	9.56	9.93	
	<b>Total</b>	<b>1091</b>	<b>20549</b>	<b>18.84</b>	<b>20.54</b>	<b>8777</b>	<b>8.04</b>	<b>4.90</b>	<b>8777</b>	<b>8.04</b>	<b>4.90</b>	
State	Rural	25243	241494	9.57	10.77	113122	4.48	4.30	113122	4.48	4.30	
	Urban	4375	281961	64.45	66.35	49522	11.32	11.43	49522	11.32	11.43	
	<b>Total</b>	<b>29618</b>	<b>523455</b>	<b>17.67</b>	<b>19.08</b>	<b>162644</b>	<b>5.49</b>	<b>5.37</b>	<b>162644</b>	<b>5.49</b>	<b>5.37</b>	

(Table 1 contd)

(5)

**Total number of live births, deaths, still births, infant deaths, maternal deaths and their rates**

District	Rural/ Urban	Still Births			Infant Deaths			Maternal Deaths		
		Rate		Number	1992	1991	Rate		Number	1992
		Number	1992				Number	1992		
Thiruvananthapuram	Rural	22	1.80	1.52	33	2.70	4.20	-	-	0.51
	Urban	157	3.97	3.98	611	15.50	15.92	3	0.08	-
	Total	179	3.46	3.34	644	12.48	12.89	3	0.06	0.13
Kollam	Rural	89	4.06	3.91	148	6.77	8.21	1	0.05	-
	Urban	72	4.27	2.58	212	12.64	15.20	-	-	0.12
	Total	161	4.15	3.34	360	9.32	11.19	1	0.03	0.05
Pathanamthitta	Rural	10	1.62	0.44	22	3.57	5.66	1	0.16	-
	Urban	68	4.81	4.93	131	9.30	8.73	-	-	-
	Total	78	3.84	3.32	153	7.56	7.73	1	0.05	-
Alappuzha	Rural	23	2.78	3.26	47	5.71	4.26	5	0.61	0.76
	Urban	105	5.64	5.43	245	13.23	13.11	-	-	-
	Total	128	4.76	4.73	292	10.91	10.25	5	0.19	0.25
Kottayam	Rural	92	4.42	8.95	208	10.05	21.34	1	0.05	0.14
	Urban	58	6.08	7.75	47	4.96	4.87	-	-	-
	Total	150	4.94	8.54	255	8.45	15.68	1	0.03	0.09
Idukki	Rural	44	3.92	6.80	87	7.78	11.98	-	-	-
	Urban	23	5.59	5.65	22	5.37	11.12	-	-	-
	Total	67	4.37	6.51	109	7.13	11.77	-	-	-
Ernakulam	Rural	14	1.86	4.54	66	8.77	13.55	-	-	0.72
	Urban	264	6.49	6.64	474	11.73	12.74	-	-	0.07
	Total	278	5.77	6.29	540	11.27	12.88	-	-	0.18
Thrissur	Rural	107	4.23	3.96	142	5.64	6.22	-	-	0.11
	Urban	237	9.70	9.04	414	17.10	18.08	1	0.04	0.08
	Total	344	6.92	6.33	556	11.26	11.74	1	0.02	0.09
Palakkad	Rural	83	3.10	4.41	89	3.34	6.27	1	0.04	0.14
	Urban	110	5.94	7.93	245	13.30	16.42	1	0.05	0.27
	Total	193	4.26	5.77	334	7.41	10.18	2	0.04	0.18
Malappuram	Rural	67	1.35	1.44	199	4.03	3.92	-	-	-
	Urban	63	2.74	10.22	164	7.16	11.05	1	0.04	-
	Total	130	1.79	3.98	363	5.02	5.97	1	0.01	-
Kozhikode	Rural	16	6.86	1.35	44	2.38	2.42	-	-	0.34
	Urban	581	16.70	19.20	1048	30.64	30.82	1	0.03	-
	Total	597	11.20	12.57	1092	20.72	20.26	1	0.02	0.13
Wayanad	Rural	73	6.62	5.94	90	8.22	8.97	-	-	0.00
	Urban	-	-	1.54	10	7.43	15.38	-	-	-
	Total	73	5.90	5.49	100	8.14	9.63	-	-	-
Kannur	Rural	42	3.40	4.52	69	5.59	11.21	-	-	-
	Urban	147	5.19	5.75	173	6.14	6.20	-	-	-
	Total	189	4.64	5.47	242	5.97	7.87	-	-	-
Kasaragode	Rural	51	4.80	3.80	21	1.98	7.09	-	-	0.09
	Urban	164	16.21	17.00	91	9.14	11.26	-	-	0.09
	Total	215	10.35	10.48	112	5.45	9.18	-	-	0.09
State	Rural	733	3.03	3.67	1265	5.24	7.52	9	0.04	0.14
	Urban	2049	7.21	8.59	3887	13.79	14.83	7	0.02	0.04
	Total	2782	5.29	6.08	5152	9.84	11.32	16	0.03	0.09

Table-2

## Census Population of Districts Rural, Urban and Sex-wise

Population in Thousands

Sl. No.	District	Population					Population not under registration				Population of Towns	
		Total	Rural		Urban		Rural		Urban		30000 & above	Male
			Male	Female	Male	Female	Male	Female	Male	Female		Female
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Thiruvananthapuram	2947	1115	1156	333	343	-	-	-	-	333	343
2.	Kollam	2408	1073	1112	110	113	-	-	-	-	110	113
3.	Pathanamthitta	1188	501	532	75	80	-	-	-	-	62	67
4.	Alappuzha	2001	809	853	167	172	-	-	-	-	155	161
5.	Kottayam	1828	804	806	109	109	-	-	-	-	76	76
6.	Idukki	1078	526	511	20	21	-	-	-	-	20	21
7.	Ernakulam	2817	950	950	459	458	-	-	-	-	387	382
8.	Thrissur	2737	1190	1291	123	133	-	-	-	-	91	98
9.	Palakkad	2382	1017	1081	139	145	-	-	-	-	139	145
10.	Malappuram	3096	1381	1456	127	132	-	-	-	-	127	132
11.	Kozhikode	2620	1051	1077	242	250	-	-	-	-	242	250
12.	Wayanad	672	330	319	12	11	-	-	-	-	-	-
13.	Kannur	2252	919	966	180	187	-	-	-	-	113	116
14.	Kasaragode	1072	476	489	53	54	-	-	-	-	53	54
15.	State	29098	12142	12599	2149	2208	-	-	-	-	1908	1958

Table-3

(7)

Total number of Live Births, Deaths, Still Births, Infant Deaths and Maternal Deaths in Corporations and Municipalities having a Population of 30,000 and above

Sl. No.	Corporations/ Municipalities	Births			Deaths			Still Births		Infant Deaths	Maternal Deaths
		Total 3	Male 4	Female 5	Total 6*	Male 7	Female 8	9	10	11	
1.	Attingal	1177	584	593	152	87	65	7	2	-	
2.	Nedumangad	2267	1155	1112	202	126	76	-	4	1	
3.	Neyyattinkara	3557	1792	1765	286	166	120	2	16	-	
4.	Thiruvananthapuram (C)	30396	15314	15082	7418	4081	3337	143	581	2	
5.	Varkala	2018	1004	1014	218	134	84	5	8	-	
6.	Kollam	13522	7032	6490	1976	1255	721	46	191	-	
7.	Paravur	1884	1044	84	121	63	58	-	-	-	
8.	Punalur	3063	1559	1504	368	224	144	26	21	-	
9.	Pandalam	3250	1708	1542	420	252	168	-	35	-	
10.	Pathanamthitta	2970	1521	1449	320	181	139	28	14	-	
11.	Thiruvalla	5171	2660	2511	797	482	315	23	63	-	
12.	Alappuzha	8455	4306	4179	2029	1166	863	62	182	-	
13.	Cherthala	2255	1213	1042	550	324	226	9	44	-	
14.	Kayamkulam	2975	1515	1460	341	200	141	11	8	-	
15.	Changanacherry	2393	1170	1223	299	169	130	3	11	-	
16.	Kanjirappally	-	-	-	-	-	-	-	-	-	
17.	Kottayam	3499	1749	1750	597	364	233	27	43	-	
18.	Thodupuzha	4095	2227	1868	465	283	182	23	22	-	
19.	Angamali	2574	1259	1315	491	329	162	-	32	-	
20.	Eloor	292	155	137	129	81	48	-	-	-	
21.	Kalamassery (M)	58	32	26	132	78	54	-	-	-	
22.	Kochi (C)	17229	8838	8391	5025	3132	1893	153	293	-	
23.	Kothamangalam	4245	2275	1970	452	270	182	29	45	-	
24.	Thrippunithura	2231	1114	1117	380	231	149	2	10	-	
25.	Chalakkudy	3205	1652	1553	396	274	122	20	23	-	
26.	Chavakkadu	159	69	90	253	156	97	-	4	-	
27.	Kodungalloor	3629	1847	1782	387	239	148	3	23	-	
28.	Thrissur	13045	6335	6710	2397	1280	1117	186	308	-	
29.	Chittur Thathamangalam	1735	885	850	302	166	136	17	18	-	
30.	Mannarkad	2251	1121	1130	263	150	113	11	15	-	
31.	Ottappalam	5003	2622	2381	533	324	209	11	45	-	
32.	Palakkad	8774	4504	4270	1730	1077	653	60	163	1	
33.	Shornur	654	353	301	258	146	112	11	4	-	
34.	Malappuram	3310	1686	1624	365	207	158	23	36	-	
35.	Manjery	5459	2590	2869	665	414	251	-	28	-	
36.	Perinthalmanna	6522	3526	2996	886	554	332	14	34	-	
37.	Ponnani	1977	1044	933	162	95	67	13	12	-	
38.	Thirur	5630	2886	2744	439	262	177	13	54	1	
39.	Kozhikode (C)	27553	13828	13725	7830	4803	3027	561	1010	1	
40.	Vadakara	6654	3494	3160	524	293	231	20	38	-	
41.	Kannur	4573	2317	2256	649	380	269	12	56	-	
42.	Mattannur	3115	1525	1590	225	150	75	13	17	-	
43.	Payyannur	4850	2400	2450	549	333	216	50	22	-	
44.	Thalassery	10314	5215	5099	1371	744	627	72	43	-	
45.	Thaliparamba	4174	2193	1981	421	275	146	-	34	-	
46.	Kanhagadu	4028	2000	2028	515	242	273	40	24	-	
47.	Kasaragode	5926	2192	3734	537	322	215	124	67	-	

Table-4

**Total number of Births, Deaths, Still Births, Infant Deaths and  
Maternal Deaths in Corporations and Municipalities having a Population of  
30,000 and above - Districtwise - 1992**

S1. No.	District 2	Births 3	Deaths 4	Still Birth 5	Infant Death 6	Maternal Death 7
1						
1.	Thiruvananthapuram	39415	8276	157	611	3
2.	Kollam	16773	2465	72	212	-
3.	Pathanamthitta	11391	1537	51	112	-
4.	Alappuzha	13715	2920	82	222	-
5.	Kottayam	5892	896	30	15	-
6.	Idukki	4095	465	23	22	-
7.	Ernakulam	26629	6609	184	380	-
8.	Thrissur	20038	3433	209	358	-
9.	Palakkad	18417	3086	110	245	1
10.	Malappuram	22898	2517	63	164	1
11.	Kozhikode	34207	8354	581	1048	1
12.	Wayanad					
13.	Kannur	27026	3215	147	172	-
14.	Kasaragode	9954	1052	164	91	-
15.	State	250450	44825	1873	3652	6

Table-5

(9)

**Total number of Vital events and its rates in  
Corporations/Municipalities 1992**

Sl. No.	Corporation/ Municipality	Live Births		Deaths		Still Births		Infant Deaths		Maternal Deaths	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
		1	2	3	4	5	6	7	8	9	10
1.	Attingal	1177	35.60	152	4.60	7	5.91	2	1.70	-	-
2.	Nedumangad	2267	44.70	202	6.98	-	-	4	1.76	1	0.44
3.	Neyyattinkara	3557	115.61	286	9.30	2	0.56	16	4.50	-	-
4.	Thiruvananthapuram (C)	30396	57.38	7418	14.00	143	4.68	581	19.11	2	0.07
5.	Varkala	2018	60.83	218	5.49	5	2.47	8	3.96	-	-
6.	Kollam	13522	96.51	1976	14.10	46	3.39	191	14.13	-	-
7.	Paravoor	188	5.03	121	3.23	-	-	-	-	-	-
8.	Punalur	3063	65.55	368	7.88	26	8.42	21	6.86	-	-
9.	Pandalam	3250	85.40	420	11.04	-	-	35	10.77	-	-
10.	Pathanamthitta	2970	81.84	320	8.82	28	9.34	14	4.71	-	-
11.	Thiruvalla	5171	93.69	797	14.44	23	4.43	63	12.18	-	-
12.	Adoor	2690	100.12	342	12.73	17	6.28	19	7.06	-	-
13.	Alappuzha	8485	48.40	2029	11.57	62	7.25	182	21.45	-	-
14.	Cherthala	2255	51.58	550	12.58	9	3.98	44	19.51	-	-
15.	Kayamkulam	2975	43.77	341	5.02	11	3.68	11	2.69	-	-
16.	Chengannur	1345	51.71	241	9.27	6	4.44	3	2.23	-	-
17.	Mavelikkara	3456	121.12	400	14.02	17	4.89	20	5.79	-	-
18.	Changanacherry	2393	45.57	299	5.69	3	1.25	11	4.60	-	-
19.	Kottayam	3499	55.55	597	9.48	27	7.66	4	1.14	-	-
20.	Erattupetta	417	19.00	40	1.82	-	-	1	2.40	-	-
21.	Pala	2518	74.85	338	15.42	24	9.44	25	9.93	-	-
22.	Valkom	657	30.05	243	11.12	4	6.05	6	9.13	-	-
23.	Thodupuzha	4095	99.01	465	11.24	23	5.59	22	5.37	-	-
24.	Angamali	2574	83.90	491	16.00	-	-	32	12.43	-	-
25.	Eloor	292	8.39	129	3.71	-	-	-	-	-	-
26.	Kalamasseri	58	1.04	132	2.36	-	-	-	-	-	-
27.	Kochi (C)	17229	30.13	5025	8.79	153	8.80	293	17.01	-	-
28.	Kothamangalam	4245	118.34	452	12.60	29	6.79	45	10.60	-	-
29.	Thrippunithura	2231	42.77	380	7.28	2	6.90	10	4.48	-	-
30.	Aluva	4476	181.16	394	15.95	20	4.45	29	6.48	-	-
31.	Koothattukulam	852	49.89	299	17.51	2	2.34	4	4.70	-	-
32.	Moovattupuzha	3127	112.02	284	10.17	8	2.55	22	7.04	-	-

(table 5 contd)

(10)

1	2	3	4	5	6	7	8	9	10	11	12
33.	North Paravur	2386	84.82	390	13.86	28	11.60	11	-	-	-
34.	Perumbavoor	2721	109.33	361	14.50	18	6.57	28	-	-	-
35.	Piravom	211	8.32	124	4.89	-	-	-	-	-	-
36.	Chalakkudy	3205	70.42	396	8.70	20	6.20	23	7.18	-	-
37.	Chavakkad	159	4.15	253	6.61	-	-	4	25.16	-	-
38.	Kodungallur	3629	114.62	387	12.22	3	0.83	23	6.34	-	-
39.	Thrissur	13045	175.87	2397	32.32	186	14.06	308	23.61	-	-
40.	Guruvayoor	967	47.05	260	12.65	9	9.22	12	12.41	-	-
41.	Irinjalakkuda	1082	39.09	235	8.49	8	7.34	14	12.94	-	-
42.	Kunnamkulam	2120	107.69	300	15.24	11	5.16	30	14.15	1	-
43.	Chittur Thathamangalam	1735	53.76	302	9.36	17	9.70	18	10.37	-	-
44.	Mannarkkad	2251	48.00	263	5.61	11	4.86	15	6.66	-	-
45.	Ottappalam	5003	103.83	533	11.06	11	2.19	45	8.99	-	-
46.	Palakkad	8774	70.20	1730	13.84	60	6.79	163	18.58	1	0.11
47.	Shoroor	654	16.28	258	6.42	11	16.54	4	6.12	-	-
48.	Malappuram	3310	64.66	365	7.13	23	6.90	36	10.88	-	-
49.	Manjery	5459	76.14	665	9.28	-	-	28	5.13	-	-
50.	Perinthalmanna	6522	162.66	886	22.10	14	2.14	34	5.21	-	-
51.	Ponnani	1977	37.28	162	3.05	13	6.53	12	6.07	-	-
52.	Thirur	5630	110.96	439	8.65	13	2.30	54	9.59	1	0.18
53.	Kozhikode (C)	27553	65.08	7830	18.50	561	19.95	1010	36.66	1	0.04
54.	Vadakara	6654	90.39	524	7.12	20	3.00	38	5.71	-	-
55.	Kalpetta	1345	56.66	236	9.94	-	-	10	7.43	-	-
56.	Kannur	4573	69.46	649	9.86	12	2.62	56	12.25	-	-
57.	Mattannur	3115	74.57	225	5.39	13	4.16	17	5.46	-	-
58.	Payyannur	4850	74.04	549	8.38	50	10.20	22	4.54	-	-
59.	Thalasseri	10314	98.84	1371	13.14	72	6.93	43	4.17	-	-
60.	Thaliparamba	4174	67.63	421	6.82	0	0.00	34	0.24	-	-
61.	Koothuparamba	1141	38.65	210	7.11	0	0.00	1	0.88	-	-
62.	Kanjangad	4028	68.48	515	8.76	40	9.83	24	5.96	-	-
63.	Kasaragode	5926	115.88	537	10.50	124	20.50	67	11.31	-	-

Table-6

## Live Birth by type of attention at delivery 1992 - Rural and Urban

S1. No.	DIST.	RURAL						URBAN TOWNS WITH POPULATION						
		Domiciliary			Below 30,000			Above 30,000						
		Total	Institu- tional & train- ed Mid- wife	Physici- an/Nurse & Midwife	Un-qua- lified Others	Institu- tional & train- ed Mid- wife	Physici- an/Nurse & Midwife	Un-qua- lified Others	Institu- tional & train- ed Mid- wife	Physici- an/Nurse & Midwife	Un-qua- lified Others			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	TVM	51622	11929	206	56	16	39324	55	30	6	-	-	-	-
2.	KLM	38620	21196	149	490	12	16753	14	1	5	-	-	-	-
3.	PTA	20236	5910	52	193	-	11376	8	5	2	2689	1	-	-
4.	ALP	26753	5990	1259	434	554	11593	2104	5	13	4797	4	-	-
5.	KTM	30187	20459	129	103	12	5878	10	3	1	3578	13	-	1
6.	IDK	15279	10568	54	410	152	4084	10	-	1	-	-	-	-
7.	ERK	47929	7507	10	9	1	22365	14	4	1	17997	21	-	-
8.	TSR	49369	24812	44	298	8	19980	38	17	3	4163	5	1	-
9.	PLD	45099	20857	1274	4478	73	18322	4	91	-	-	-	-	-
10.	MPM	72296	32275	1290	15810	23	21718	345	832	3	-	-	-	-
11.	KZD	52707	17216	17	1263	4	33901	263	36	7	-	-	-	-
12.	WYN	12291	7784	951	1985	226	-	-	-	-	1194	111	40	-
13.	KNR	40518	11659	187	488	17	26981	35	4	6	1135	4	2	-
14.	KGD	20549	9655	205	733	2	9837	97	19	1	-	-	-	-
	STATE	523455	207817	5827	26750	1100	242112	2997	1047	49	35553	159	43	1

(1)

Table-7

**Live Birth according to order of Birth and Literacy of Mother for the  
State (Rural) 1992**

Order of birth	LITERACY						Total
	Illiterate	Below Metriculation	Metriculation/ Higher Secondary	Graduation and above	Not Reported		
1	2	3	4	5	6		7
01	2712	44460	43574	7351	27		98124
02	3021	44427	34871	4812	18		87149
03	2120	22558	7706	757	8		33149
04	1127	9605	1339	100	6		12177
05	647	4362	323	19	1		5352
06	428	2245	109	7	1		2790
07	258	1063	37	8	-		1366
08	121	497	6	2	1		627
09	95	292	3	2	-		392
10	52	198	4	-	1		255
11 & above	22	90	1	-	-		113
Not Reported							
<b>Total</b>	<b>10603</b>	<b>129797</b>	<b>87973</b>	<b>13058</b>	<b>63</b>		<b>241494</b>

Table-8

**Live Birth according to order of Birth and Literacy of Mother  
for the State (Urban) 1992**

Order of Birth	LITERACY						Total
	Illiterate	Below Metriculation	Metriculation/ Higher Secondary and Equivalent	Graduation and above	Not Reported	7	
1	2	3	4	5	6	7	7
01	1791	49766	63308	15709	19		130593
02	1801	44115	51003	10550	30		107499
03	1062	16869	10396	1531	3		29861
04	514	6116	1591	160	1		8382
05	248	2285	349	38	2		2922
06	145	1185	148	27	-		1505
07	88	475	28	8	-		599
08	55	257	24	1	-		337
09	33	122	9	1	-		165
10	12	48	5	1	-		66
11 & above	8	18	3	-	-		29
Not Reported	0	3	-	-	-		3
<b>Total</b>	<b>5757</b>	<b>121259</b>	<b>126864</b>	<b>28026</b>	<b>55</b>		<b>281961</b>

(13)

Table-9

**Live Birth according to order of Birth and Literacy of Father  
for the State (Rural) 1991**

Order of Birth	LITERACY						Total
	Illiterate	Below Metriculation	Metriculation/ Higher Secondary and Equivalent	Graduation and above	Not Reported		
1	2	3	4	5	6	7	
01	2615	48095	40586	6814	14	98124	
02	2714	43561	33198	5734	142	87149	
03	1771	22381	7822	1127	48	33149	
04	901	9742	1361	167	6	12177	
05	505	4422	377	45	3	5352	
06	323	2288	159	20	-	2790	
07	223	1083	50	10	-	1366	
08	107	503	15	2	-	627	
09	69	316	6	1	-	392	
10	46	201	6	1	1	255	
11 & above	15	97	1	-	-	113	
Not Reported	-	-	-	-	-	-	
<b>Total</b>	<b>9289</b>	<b>134489</b>	<b>83581</b>	<b>13921</b>	<b>214</b>	<b>241494</b>	

Table-10

Live Birth according to order of Birth and Literacy of Father  
for the State (Urban) 1992

Order of Birth	ILLITERATE	Below Matriculation	LITERACY			Not Reported	Total
			METRICULATION/ HIGHER SECONDARY AND EQUIVALENT	GRADUATION AND ABOVE	5		
1	2	3	4	5	6	7	
01	1798	55215	59427	14144	9	130593	
02	1607	48914	46375	10588	15	107499	
03	879	17459	9814	1704	5	29861	
04	442	6066	1656	216	2	8382	
05	182	2248	426	65	-	2922	
06	114	1166	187	38	-	1505	
07	53	488	52	6	-	599	
08	39	266	30	2	-	337	
09	28	124	12	1	-	165	
10	12	47	5	2	-	66	
11 & above	2	23	4	-	-	29	
Not Reported	0	3	-	-	-	3	
Total	5156	132019	117988	26766	32	281961	

Table-11

**Live Birth according to order of Birth and occupation of Father  
Kerala (Rural) 1992**

Order of Birth	Proffess- ional	Adminis- trative,				Farmers, Fishermen,	Production & related	Others whose occupation is not elsewhere classified	Non workers	Total
	Technical & related workers	Executi- ve, Mana- gement, workers	Clerical workers	Sales workers	Service workers	Hunters, Loggers & related workers	Transport, Equipment & Labourers			
1	2	3	4	5	6	7	8	9	10	11
01	3225	663	4146	11660	2077	12083	56938	280	7052	98124
02	2639	507	2982	8840	1403	11923	53273	279	5303	87149
03	591	77	614	3464	297	3301	22980	119	1706	331499
04	187	9	143	1331	59	1120	8739	56	533	12177
05	94	4	46	598	15	541	3801	17	236	5352
06	43	1	10	316	5	280	2016	1	118	2790
07	19	-	3	159	5	153	957	-	70	1366
08	12	1	2	51	5	65	444	2	45	627
09	8	1	1	30	2	39	289	1	21	392
10	3	-	-	26	-	37	174	1	14	255
11 & above	3	-	1	11	-	17	72	-	9	113
Not Reported	0	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>6824</b>	<b>1263</b>	<b>7948</b>	<b>26486</b>	<b>3868</b>	<b>29559</b>	<b>149683</b>	<b>756</b>	<b>15107</b>	<b>241494</b>

Table-12

Live Birth according to order of Birth and occupation of Father  
Kerala (Urban) 1992

Order of Birth	Profession-	Adminis-				Farmers,	Production	Others		
	Technical & related workers	Administrative, Executive, Management, workers	Clerical workers	Sales workers	Service workers	Fishermen, Hunters, loggers & related workers	& related workers Transport, Equipment & Labourers	whose occupation is not elsewhere classified	Non workers	Total
1	2	3	4	5	6	7	8	9	10	11
01	5522	1407	8319	19763	3833	12501	69917	3041	6290	130593
02	4366	957	6812	14186	2909	12716	58016	2648	4889	107499
03	726	156	1235	4599	549	2056	18380	625	1535	29861
04	115	26	178	1351	102	522	5444	113	531	8382
05	57	6	48	427	31	185	1954	43	171	2922
06	22	3	21	230	23	141	962	33	70	1505
07	10	1	12	98	6	31	389	15	37	599
08	3	0	12	56	4	21	220	5	16	337
09	4	1	2	24	2	9	108	7	8	165
10	1	0	1	11	0	9	40	1	3	66
11 & above	1	0	0	0	1	16	2	3	0	29
Not Reported	0	0	0	0	0	0	3	0	0	3
<b>Total</b>	<b>10827</b>	<b>2557</b>	<b>16640</b>	<b>40751</b>	<b>7460</b>	<b>28207</b>	<b>155435</b>	<b>6534</b>	<b>13550</b>	<b>281961</b>

Table-13

**Live Birth by order of Birth and Age of Mother,  
Kerala (Rural) 1992**

Birth	Age of Mother										All ages
	Below 15 years	15-19	20-24	25-29	30-34	35-39	40-44	45 & above	Not Reported	10	
1	2	3	4	5	6	7	8	9	10	11	
01	5	19995	53427	21677	2503	425	72	20	-	98124	
02	-	2191	39980	36527	7290	1062	85	14	-	87149	
03	-	220	11723	15323	4612	1143	111	17	-	33149	
04	-	-	2046	6193	2882	959	87	10	-	12177	
05	-	-	234	2132	1889	979	100	18	-	5352	
06	-	-	-	666	1134	858	122	10	-	2790	
07	-	-	1	146	424	623	137	35	-	1366	
08	-	-	-	12	145	344	102	24	-	627	
09	-	-	-	7	46	202	110	27	-	392	
10	-	-	-	-	9	137	88	21	-	255	
11 & above	-	-	-	-	1	48	46	18	-	113	
Not Reported	-	-	-	-	-	-	-	-	-	-	
Total	5	22406	107411	82683	20935	6780	1060	214	-	241494	

Table- 14

Live Birth by order of Birth and Age of Mother  
Kerala (Urban) 1992

Order of Birth	Below 15 years	Age of Mother									Not Reported	All ages	
		15-19	20-24	25-29	30-34	35-39	40-44	45 & above	9	10			
1	2	3	4	5	6	7	8	9	10	11			
01	11	19864	69437	34428	5887	761	190	15	-	-	130593		
02	1	1941	37320	53719	12550	1775	173	20	-	-	107499		
03	-	172	8387	14160	5833	1187	114	8	-	-	29861		
04	-	1	1426	3781	2415	696	56	7	-	-	8382		
05	-	-	213	1211	971	478	48	1	-	-	2922		
06	-	-	20	457	570	407	43	8	-	-	1505		
07	-	-	-	73	215	268	33	10	-	-	599		
08	-	-	-	15	96	159	62	5	-	-	337		
09	-	-	-	5	32	83	40	5	-	-	165		
10	-	-	-	-	10	26	27	3	-	-	66		
11 & above	-	-	-	-	-	3	12	11	3	-	-	29	
Not Reported	-	-	-	-	-	-	1	-	2	-	-	3	
<b>Total</b>	<b>12</b>	<b>21978</b>	<b>116303</b>	<b>107849</b>	<b>28582</b>	<b>5853</b>	<b>797</b>	<b>87</b>	<b>-</b>	<b>281961</b>			



(table-15 contd)

1	2	3	4	5	6	7	8	9	10	11	12
32.	Eloor	0	10	33	113	89	47	-	-	-	292
33.	Piravom	0	5	74	116	14	1	1	-	-	211
34.	Koothattukulam	0	6	274	356	188	25	3	-	-	852
35.	Cochin (C)	0	663	6705	7335	2083	398	43	2	-	17229
36.	Chalakkudy (M)	0	65	1170	1610	306	36	18	0	-	3205
37.	Chavakkad	0	10	71	56	18	4	-	-	-	159
38.	Kodungallur	0	29	1576	1586	413	9	16	-	-	3629
39.	Thrissur	0	430	4945	6411	986	188	79	6	-	13045
40.	Guruvayoor (Town ship)	0	95	416	361	74	15	5	1	-	967
41.	Iringalakkuda	0	34	513	450	71	8	6	-	-	1082
42.	Kunnamkulam	0	230	890	690	241	65	4	-	-	2120
43.	Mannarkkad	0	138	1100	738	241	34	-	-	0	2251
44.	Palakkad	0	1013	3813	2859	782	258	45	4	-	8774
45.	Ottapalam	1	811	2317	1340	409	116	7	2	-	5003
46.	Shornur	0	34	383	170	55	9	3	-	-	654
47.	Chittur - Thathamangalam	0	33	543	716	426	16	1	-	-	1735
48.	Malappuram	1	688	1163	866	372	186	26	8	-	3310
49.	Manjeri	0	1424	2101	1302	440	169	23	-	-	5459
50.	Perinthalmanna	0	1541	2672	1628	480	157	38	6	-	6522
51.	Ponnani	0	318	915	510	160	67	7	-	-	1977
52.	Thirur	1	647	2143	1816	809	196	16	2	-	5630
53.	Kozhikode (C)	2	2719	10797	1165	1814	479	86	3	-	27553
54.	Vadakara (M)	1	1063	2655	2061	641	205	26	2	-	6654
55.	Kalpetta	0	207	669	369	84	14	2	-	-	1345
56.	Thalassery	0	961	3272	3802	1938	314	27	-	-	10314
57.	Mattannur	0	363	1427	938	252	107	24	4	-	3115
58.	Thalipparampu	2	414	1981	1361	276	118	21	1	-	4174
59.	Payyannur	0	626	2045	1738	371	44	22	4	-	4850
60.	Koothuparambu	1	115	551	334	97	35	7	1	-	1141
61.	Kannur	0	525	1648	1782	465	130	21	2	-	4573
62.	Kasaragode	0	400	2152	2835	340	147	46	6	-	5926
63.	Kanjhangadu	0	383	1919	1413	208	80	23	2	-	4028

Table-16

(22)

**Live Birth by Religion in the Corporations and Municipalities  
of Kerala 1992**

S1. No.	Corporation/ Municipality	Hindu 3	Muslim 4	Christian 5	Others 6	Total 7
1	2	3	4	5	6	7
1.	Thiruvananthapuram (C)	22773	4002	3619	2	30396
2.	Neyyattinkara (M)	2322	127	1108	-	3557
3.	Attingal	818	350	9	-	1177
4.	Nedumangad	1427	560	280	-	2267
5.	Varkala	1406	583	29	-	2018
6.	Kollam	8646	2749	2123	4	13522
7.	Punalur	1905	500	658	-	3063
8.	Paravoor	168	15	5	-	188
9.	Thiruvalla	2300	150	2721	-	5171
10.	Adoor	1660	232	798	-	2690
11.	Pathanamthitta	1762	208	999	1	2970
12.	Pandalam	2309	670	271	-	3250
13.	Alappuzha	5359	1204	1920	2	8485
14.	Chengannur	783	33	528	1	1345
15.	Cherthala	1794	61	399	1	2255
16.	Kayamkulam	2185	567	222	1	2975
17.	Mavelikara	2654	134	668	-	3456
18.	Changanachery	1290	208	895	-	2393
19.	Kottayam	1749	180	1568	2	3499
20.	Erattupetta	135	198	84	-	417
21.	Pala	1061	84	1372	1	2518
22.	Vaikom	463	61	133	-	657
23.	Thodupuzha	1968	510	1603	14	4095
24.	Aluva	1960	1589	923	4	4476
25.	Paravoor (North)	1614	338	433	1	2386
26.	Perumbavoor	1216	666	839	-	2721
27.	Kothamangalam	1346	786	2113	-	4245
28.	Moovattupuzha	1403	802	918	4	3127
29.	Angamali	767	189	1617	1	2574
30.	Thrippunithura	1667	59	505	-	2231
31.	Kalamassery	27	18	13	-	58
32.	Eloor	168	35	88	1	292

(contd. Table-16)

(23)

1	2	3	4	5	6	7
33.	Piravom	102	33	76	-	211
34.	Koothattukulam	330	1	521	-	852
35.	Cochin (C)	7448	2841	6930	10	17229
36.	Chalakkudy (M)	1836	141	1225	3	4475
37.	Chavakkad	71	79	9	-	159
38.	Kodungallur	2994	561	44	30	3629
39.	Thrissur	9477	1209	2324	35	13045
40.	Guruvayoor (Town ship)	517	402	47	1	967
41.	Iringalakkuda	855	89	133	5	1082
42.	Kunnamkulam	972	925	223	-	2120
43.	Mannarkkad	1468	774	9	-	2251
44.	Palakkad	6415	2076	275	8	8774
45.	Ottapalam	3304	1638	61	-	5003
46.	Shornur	495	153	6	-	654
47.	Chittur Thathamangalam	1547	125	63	-	1735
48.	Malappuram	658	2639	13	-	3310
49.	Manjeri	1802	3579	78	-	5459
50.	Perinthalmanna	1803	4607	112	-	6522
51.	Ponnani	490	1484	3	-	1977
52.	Thirur	1606	4008	6	-	5630
53.	Kozhikode (C)	16461	10370	643	79	27553
54.	Vadakara (M)	3205	3417	32	-	6654
55.	Kalpetta	536	552	257	-	1345
56.	Thalassery	6225	3960	129	-	10314
57.	Mattannur	1641	1125	349	-	3115
58.	Thaliparampu	1989	1390	795	-	4174
59.	Payyannur	3150	1495	202	3	4850
60.	Koothuparambu	544	430	167	-	1141
61.	Kannur	2890	2558	223	10	5681
62.	Kasaragode	3004	2799	113	10	5926
63.	Kanjangadu	2598	1025	390	15	4028

Table-17

(24)

## Live Births by Religion in Kerala (District-wise) 1992

District	Rural/ Urban	Total Births	Hindu	Muslim	Christian	Others
1	2	3	4	5	6	7
Thiruvananthapuram	Rural	12207	7147	1954	3103	3
	Urban	39415	28746	5622	5045	2
	<b>Total</b>	<b>51622</b>	<b>35893</b>	<b>7576</b>	<b>8148</b>	<b>5</b>
Kollam	Rural	21847	13177	4515	4154	1
	Urban	16773	10719	3264	2786	4
	<b>Total</b>	<b>38620</b>	<b>23896</b>	<b>7779</b>	<b>6940</b>	<b>5</b>
Pathanamthitta	Rural	6155	3101	152	2902	-
	Urban	14081	8031	1260	4789	1
	<b>Total</b>	<b>20236</b>	<b>11132</b>	<b>1412</b>	<b>7691</b>	<b>1</b>
Alappuzha	Rural	8237	5834	604	1794	5
	Urban	18516	12775	1999	3737	5
	<b>Total</b>	<b>26753</b>	<b>18609</b>	<b>2603</b>	<b>5531</b>	<b>10</b>
Kottayam	Rural	20703	9054	1158	10489	2
	Urban	9484	4698	731	4052	3
	<b>Total</b>	<b>30187</b>	<b>13752</b>	<b>1889</b>	<b>14541</b>	<b>5</b>
Idukki	Rural	11184	5882	614	4677	11
	Urban	4095	1968	510	1603	14
	<b>Total</b>	<b>15279</b>	<b>7850</b>	<b>1124</b>	<b>6280</b>	<b>25</b>
Ernakulam	Rural	7527	2982	623	3919	3
	Urban	40402	18048	7357	14976	21
	<b>Total</b>	<b>47929</b>	<b>21030</b>	<b>7980</b>	<b>18895</b>	<b>24</b>
Thrissur	Rural	25162	14665	6028	4422	47
	Urban	24207	16722	3406	4005	74
	<b>Total</b>	<b>49369</b>	<b>31387</b>	<b>9434</b>	<b>8427</b>	<b>121</b>
Palakkad	Rural	26682	15874	10105	702	1
	Urban	18417	13229	4766	414	8
	<b>Total</b>	<b>45099</b>	<b>29103</b>	<b>14871</b>	<b>1116</b>	<b>9</b>
Malappuram	Rural	49398	9149	39317	924	8
	Urban	22898	6359	16327	212	-
	<b>Total</b>	<b>72296</b>	<b>15508</b>	<b>55644</b>	<b>1136</b>	<b>8</b>
Kozhikode	Rural	18500	6676	10257	1567	-
	Urban	34207	19666	13787	675	79
	<b>Total</b>	<b>52707</b>	<b>26342</b>	<b>24044</b>	<b>2242</b>	<b>79</b>
Wayanad	Rural	10946	4642	3714	2590	-
	Urban	1345	536	552	257	-
	<b>Total</b>	<b>12291</b>	<b>5178</b>	<b>4266</b>	<b>2847</b>	<b>-</b>
Kannur	Rural	12351	7418	3787	1082	64
	Urban	28167	15839	10450	1865	13
	<b>Total</b>	<b>40518</b>	<b>23257</b>	<b>14237</b>	<b>2947</b>	<b>77</b>
Kasaragode	Rural	10595	4402	5856	337	-
	Urban	9954	5602	3824	503	25
	<b>Total</b>	<b>20549</b>	<b>10004</b>	<b>9680</b>	<b>840</b>	<b>25</b>
STATE	Rural	241494	110003	88684	42662	145
	Urban	281961	162936	73855	44919	249
	<b>Total</b>	<b>523455</b>	<b>272941</b>	<b>162539</b>	<b>87581</b>	<b>394</b>

Table-18

(25)

**Month-wise Distribution of Live Births in Kerala 1992  
(Rural/Urban)**

S1.	No.	Month	Rural	Urban	Total
	1	2	3	4	5
1.	January	22877	25100	47977	
2.	February	19037	22986	43023	
3.	March	20335	22148	42483	
4.	April	21625	24466	46091	
5.	May	21139	23676	44815	
6.	June	20954	24008	44962	
7.	July	21191	23318	44509	
8.	August	18324	21969	40293	
9.	September	16468	22749	39217	
10.	October	19056	24441	43497	
11.	November	19495	23372	42867	
12.	December	20993	23728	44721	
13.	STATE	241494	281961	523455	

Table- 19

(26)

## Sex-Ratio of Live Births in Kerala (District-wise) 1992

DISTRICT 1	RURAL/URBAN 2	MALE	FEMALE	SEX-RATIO 5
		3	4	
Thiruvananthapuram	Rural	6258	5949	951
	Urban	19849	19566	986
	Total	26107	25515	977
Kollam	Rural	11250	10597	942
	Urban	8695	8078	929
	Total	19945	18675	936
Pathanamthitta	Rural	3144	3011	958
	Urban	7256	6825	941
	Total	10400	9836	946
Alappuzha	Rural	4302	3935	915
	Urban	9479	9037	953
	Total	13781	12972	941
Kottayam	Rural	11225	9478	844
	Urban	4715	4769	1011
	Total	15940	14247	894
Idukki	Rural	5892	5292	898
	Urban	2227	1868	839
	Total	8119	7160	882
Ernakulam	Rural	3831	3696	965
	Urban	20860	19542	937
	Total	24691	23238	941
Thrissur	Rural	13229	11933	902
	Urban	12067	12140	1006
	Total	25296	24073	952
Palakkad	Rural	13724	12958	944
	Urban	9485	8932	942
	Total	23209	21890	943
Malappuram	Rural	25383	24015	946
	Urban	11732	11166	952
	Total	37115	35181	948
Kozhikode	Rural	9453	9047	957
	Urban	17322	16885	975
	Total	26775	25932	969
Wayanad	Rural	5509	5437	987
	Urban	760	585	770
	Total	6269	6022	961
Kannur	Rural	6653	5698	856
	Urban	14237	13930	978
	Total	20890	19628	940
Kasaragode	Rural	5580	5015	899
	Urban	4192	5762	1375
	Total	9772	10777	1103
TOTAL	Rural	125433	116061	925
	Urban	142876	139085	973
	Total	268309	255146	951

Table-20

(27)

**Month-wise Distribution of Deaths in Kerala 1992  
(Rural/Urban)**

<b>S1.</b>		<b>Rural</b>	<b>Urban</b>	<b>Total</b>
<b>No.</b>	<b>Month</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>1</b>	<b>2</b>			
1.	January	10762	4338	15100
2.	February	9866	3932	13798
3.	March	9391	4003	13394
4.	April	8212	3869	12081
5.	May	8215	3760	11975
6.	June	8427	4020	12447
7.	July	11145	4569	15714
8.	August	10622	4556	15178
9.	September	8872	4106	12978
10.	October	9623	4298	10921
11.	November	8475	4085	12560
12.	December	9512	3986	13498
13.	<b>STATE</b>	<b>113122</b>	<b>49522</b>	<b>162644</b>

Table-21  
Deaths by Age and Sex in Kerala 1992

Sl. No.	Age Group	RURAL			URBAN			TOTAL		
		Male 3	Female 4	Total 5	Male 6	Female 7	Total 8	Male 9	Female 10	Total 11
1.	Below 1 year	696	569	1265	2238	1649	3887	2934	2218	5152
2.	1 to 4 years	335	304	639	448	383	831	783	687	1470
3.	5 to 14 years	516	415	931	513	447	960	1029	862	1891
4.	15 to 24 years	1313	960	2273	946	702	1648	2259	1662	3921
5.	25 to 34 years	2259	1117	3376	1503	781	2284	3762	1898	5660
6.	35 to 44 years	3493	1448	4941	2097	903	3000	5590	2351	7941
7.	45 to 54 years	6787	2418	9205	3549	1336	4885	10336	3754	14090
8.	55 to 64 years	11907	5948	17855	4996	2346	7342	16903	8294	25197
9.	65 and above	37641	34809	72450	12967	11447	24414	50608	46256	96864
10.	Not Reported	138	49	187	181	90	271	319	139	458
	<b>TOTAL</b>	<b>65085</b>	<b>48037</b>	<b>113122</b>	<b>29438</b>	<b>20084</b>	<b>49522</b>	<b>94523</b>	<b>68121</b>	<b>162644</b>

(29)

Table-22  
Death by Religion in Kerala (District-wise) 1992

DISTRICT	RURAL/URBAN	HINDU	MUSLIM	CHRISTIAN	OTHERS	TOTAL
		1	2	3	4	5
	Rural	5884	599	1841	11	8335
Thiruvananthapuram	Urban	6656	578	1036	6	8276
	Total	12540	1177	2877	17	1661
	Rural	6593	867	1391	-	8851
Kollam	Urban	1789	251	425	-	2465
	Total	8382	1118	1816	-	11316
	Rural	2978	71	2293	-	5342
Pathanamthitta	Urban	1046	82	748	3	1879
	Total	4024	153	3041	3	7221
	Rural	6023	384	1575	13	7995
Alappuzha	Urban	2520	365	665	11	3561
	Total	8543	749	2240	24	11556
	Rural	4979	353	4498	13	9843
Kottayam	Urban	871	78	567	1	1517
	Total	5850	431	5065	14	11360
	Rural	2215	104	1871	4	4194
Idukki	Urban	211	59	195	-	465
	Total	2426	163	2066	4	4659
	Rural	4338	543	3182	8	8071
Ernakulam	Urban	4401	1133	2896	31	8461
	Total	8739	1676	6078	39	16532
	Rural	8596	1600	2792	22	13019
Thrissur	Urban	2579	588	1058	3	4228
	Total	11175	2188	3850	25	17238
	Rural	9148	1710	318	4	11180
Palakkad	Urban	2571	433	77	5	3086
	Total	11719	2143	395	9	14266
	Rural	3911	5382	253	4	9550
Malappuram	Urban	1003	1484	26	4	2517
	Total	4914	6866	279	8	12067
	Rural	5365	2470	270	1	8106
Kozhikode	Urban	5030	2976	342	6	8354
	Total	10395	5446	612	7	16460
	Rural	1535	599	673	5	2812
Wayanad	Urban	127	61	47	1	236
	Total	1662	660	720	6	3048
	Rural	5900	1572	634	2	8108
Kannur	Urban	2342	960	122	1	3425
	Total	8242	2532	756	3	11533
	Rural	5698	1680	342	5	7725
Kasaragode	Urban	676	335	41	-	1052
	Total	6374	2015	383	5	8777
	Rural	73163	17934	21933	92	113122
STATE	Urban	31822	9383	8245	72	49522
	Total	104985	27317	30178	164	162644

Table-23

## Distribution of Death due to some specified Diseases 1992

1. No.	Cause of Death 2.	Code 3	RURAL			URBAN			TOTAL		
			Male 4	Female 5	Total 6	Male 7	Female 8	Total 9	Male 10	Female 11	Total 12
1.	Cholera	001	13	2	15	4	7	11	17	9	26
2.	Typhoid & Paratyphiod	002	36	22	58	10	8	18	46	30	76
3.	Food Poisoning	003-5	75	41	116	200	96	296	275	137	412
4.	Dysentery & Diarrhoea, Gastroenteritis	004 006 009	291	359	650	51	49	100	342	408	750
5.	Tuberculosis	010 018	1511	529	2040	580	183	763	2091	712	2803
6.	Leprosy	030	39	14	53	11	2	13	50	16	66
7.	Diphtheria	032	11	4	15	3	7	10	14	11	25
8.	Whooping Cough	033	333	229	562	15	12	27	348	241	589
9.	Tetanus	037	21	12	33	31	23	54	52	35	87
10.	Poliomyelitis	045	37	14	51	10	8	18	47	22	69
11.	Measles	055	10	3	13	11	2	13	21	5	26
12.	Rabies	071	27	7	34	18	8	26	45	15	60
13.	Malaria	084	20	17	37	2	3	5	22	20	42
14.	Cancer	140-199 200-229 230-239	4554	2879	7433	1286	768	2054	5840	3667	9507
15.	Diabetes, Mellitus	250	1507	849	2356	507	290	797	2014	1139	3153
16.	Anaemias	280-285	140	139	279	108	79	187	248	218	466

(cont. Table-23)

1	2	3	4	5	6	7	8	9	10	11	12
17.	Meningitis	320-322 402									
18.	Heart Diseases, Heart Attack	410-444	12061	5584	17645	7614	4506	12120	19675	10090	29765
19.	Pneumonia	480-486	197	120	317	253	165	418	450	285	735
20.	Influenza	487	3468	3864	7332	359	371	730	3827	4235	8062
21.	Bronchitis & Astma (Respiratory Diseases)	490-493	6945	4778	11723	3162	1907	5069	10107	6685	16792
22.	Jaundice	782-84	166	94	260	67	37	104	233	131	364
23.	Chronic Liver Diseases, Cirrohisis	571	400	169	569	448	151	599	848	320	1168
24.	Ulcer of Stomach & Duodenum (Stomach Complaint)	531-33	779	543	1322	141	79	220	920	622	1542
25.	Appendicitis	540-43									
26.	Syphilis and Other Diseases of Genitourinary System	580-629									
27.	Abortions	630-39									
28.	Complications related to Pregnancy, Childbirth	640-48 651-76		9	9	-	7	7	-	16	16
29.	Certain conditions such as birth injuries, slow growth of fetus and prematurity originating imperinatal period	760-779	217	179	396	791	549	1340	1008	728	1736
30.	Cerebrovascular (Paralysis)	430-38	1540	1374	2914	1474	1588	3062	3014	1962	4976
31.	Senility	797	7130	5476	12606	3350	3541	6891	10480	10017	20497
32.	Others not elsewhere classified		19078	18153	37231	7123	4904	12027	26201	23057	49258

(contd. Table-23)

1	2	3	4	5	6	7	8	9	10	11	12
<u>EXTERNAL CAUSES</u>											
33.	Bites or stings of Venomous Animals										
34.	Accidental Burns	E890-99	25	67	92	83	149	232	108	216	324
35.	Falls, Drowning	E880-88	585	292	877	118	63	181	703	355	1058
36.	Accidental Poisoning	E910									
37.	Transport (traffic) Accidents (Involving Railway, Boards, Aircraft, Motor Vehicle, Other Vehicles, Animals being ridden or Drawing Vehicles)	E910	1166	342	1508	770	212	982	1936	554	2490
38.	Other Accidents not elsewhere classified	E910									
39.	Suicide		2618	840	3458	803	279	1082	3421	1119	4540
40.	Homicide		85	33	118	35	11	46	120	44	164
	<b>TOTAL</b>		<b>65085</b>	<b>48037</b>	<b>113122</b>	<b>29438</b>	<b>20084</b>	<b>49522</b>	<b>94523</b>	<b>68121</b>	<b>162644</b>

Table-24

(33)

## Infant Death by Sex in Kerala (District-wise) 1992

DISTRICT 1	RURAL/URBAN 2	MALE	FEMALE	TOTAL
		3	4	5
Thiruvananthapuram	Rural	19	14	33
	Urban	370	241	611
	Total	389	255	644
Kollam	Rural	82	66	148
	Urban	130	82	212
	Total	212	148	360
Pathanamthitta	Rural	12	10	22
	Urban	72	59	131
	Total	84	69	153
Alappuzha	Rural	26	21	47
	Urban	139	106	245
	Total	165	127	292
Kottayam	Rural	118	90	208
	Urban	31	16	47
	Total	149	106	255
Idukki	Rural	53	34	87
	Urban	12	10	22
	Total	65	44	109
Ernakulam	Rural	30	36	66
	Urban	273	201	474
	Total	303	237	540
Thrissur	Rural	92	50	142
	Urban	227	187	414
	Total	319	237	556
Palakkad	Rural	47	42	89
	Urban	150	95	245
	Total	197	137	334
Malappuram	Rural	101	98	199
	Urban	91	73	164
	Total	192	171	363
Kozhikode	Rural	23	21	44
	Urban	599	449	1048
	Total	622	470	1092
Wayanad	Rural	48	42	90
	Urban	6	4	10
	Total	54	46	100
Kannur	Rural	34	35	69
	Urban	100	73	173
	Total	134	108	242
Kasaragode	Rural	11	10	21
	Urban	38	53	91
	Total	49	63	112
STATE	Rural	696	569	1265
	Urban	2238	1649	3887
	Total	2934	2218	5152

Table-25

## Infant Deaths by Age and Sex in Kerala 1992

Sl. No.	Age	Rural			Urban			Total		
		Male 3	Female 4	Total 5	Male 6	Female 7	Total 8	Male 9	Female 10	Total 11
1.	Under one Week	459	371	830	1682	1117	2799	2141	1488	3629
2.	One Week to One Month	95	73	168	321	331	652	416	404	820
3.	One Month but below Three Months	30	46	76	78	60	138	108	106	214
4.	Three Months but below Six Months	42	40	82	71	60	131	113	100	213
5.	Six Months but below Twelve Months	70	39	109	86	81	167	156	120	276
6.	<b>TOTAL</b>	<b>696</b>	<b>569</b>	<b>1265</b>	<b>2238</b>	<b>1649</b>	<b>3887</b>	<b>2934</b>	<b>2218</b>	<b>5152</b>

Table-26  
Maternal Deaths in Kerala by Age at Death 1992

Sl. No.	Age at Death	Rural	Urban			Total for all areas
			Town with Population 30,000 and above	All other Urban areas	5	
1	2	3	4	5	6	
1.	Below 15 years	-	-	-	-	-
2.	15 - 19	1	1	-	-	2
3.	20 - 24	-	1	-	-	1
4.	25 - 29	2	-	-	-	2
5.	30 - 34	2	1	-	-	3
6.	35 - 39	3	2	1	-	6
7.	40 - 44	-	-	-	-	-
8.	45 and above	-	-	-	-	-
9.	Not reported	1	1	-	-	2
10.	<b>TOTAL</b>	<b>9</b>	<b>6</b>	<b>1</b>	<b>16</b>	

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