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1999

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PREFACE

The Bulletin presents the Vital Statistics of Kerala for the calendar year 1999. The data relating to vital events received from the registering authorities are presented and vital rates estimated.

This bulletin has been prepared by the Vital Statistics unit of this Directorate.

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VITAL STATISTICS BULLETIN – 1999

Introduction

The registration of births and deaths is a statutory activity performed under the provisions of the Registration of Birth and Death Act 1969. Civil Registration system is the primary source of population data. The main objective of Civil Registration system is to estimate the annual change of population both at national and state level of the country. The data on vital events comprises the data from the Registrars of Births and Deaths maintained by the Civil Governments. The data from the Civil Registration System is referred as Vital Statistics which is one of the major tools used by demographers and planners for analysing the composition of population.

Civil Registration system is defined as continuous, permanent, compulsory recording of the occurrence and characteristics of Vital events. This provides safety to social status and individual benefits. Birth Registration provides unique identity of the person records a parental relationship, place of birth, nationality, proof of age for school entry, entry in service for obtaining a driving license, etc. Similarly the Death Registration provides benefits such as settlement of inheritance, insurance claims, claiming family allowances and other social security benefits.

The Civil Registration is controlled by the Director of Panchayats in the Statutory capacity of Chief Registrar of Births and Deaths. The Additional Director of Economics and Statistics is the Additional Chief Registrar of births and deaths. At the district level, the district Panchayath Officers, Secretaries of Municipalities & Corporations are empowered as the District Registrar of births and deaths.

The Secretaries of Grama Panchayats and the Health Inspectors and health Officers of Municipalities and Corporations are the local Registrars of the concerned registration units. The Executive Officer of Kannur Cantonment is empowered as the Registrar of that registration unit.

The Birth and Death cards received from the registering authorities are processed and analysed in the Vital Statistical Unit of the Directorate of Economics and Statistics.

This bulletin presents the results of the analysis of Vital Statistics for the year 1999.

Conceptual and Empirical frame work

As per the Birth and Death Registration Act, births and deaths are to be registered within 21 days after the occurrence of the events at the place of occurrence. The details of each event such as date of event, date of registration, sex, literacy, occupation and religion of father & mother, age of father & mother, order of birth, etc. are recorded at the time of registration. These details are then recorded in the prescribed birth, death and still birth cards from the concerned registers. These filled cards are forwarded to the Directorate of Economics and Statistics periodically and then the data will be computerised and processed for further analysis.

Limitations of the data

The process of registration of vital events is not complete. This may be due to under registration. This type of inadequacy and incompleteness has affected the quality of vital statistics. The birth and death rates in the urban areas are higher than that in the rural areas. The people in the rural areas avail the modern medical facilities in the urban areas. Also the ignorance of informants reporting vital events may adversely affect the quality of the data. All efforts are being made to make the public aware of the importance and necessity of registration of vital events and to improve the quality of data reported.

Processing of the data

During the year under report, lakhs of birth cards and deaths cards were received from the registration units. Processing of data was carried out in the Directorate of Economics & Statistics for further analysis.

Vital Rates:

1. Crude birth rate: - Crude birth rate is defined as the number of births per thousand population for a single year.
2. Crude death rate: - Crude death rate is the number of deaths per thousand population for a single year.
3. Infant death rate: - Infant death rate is the number of infant deaths (below one year) per thousand live births per year.
4. Maternal death rate: - Maternal death rate is defined as the number of maternal deaths per thousand live births and still births.
5. Still birth rate:- Still birth rate is the number of still births per thousand live births and still births.

Birth and Birth Rates

During the year under report, 5.97 lakhs of registered live births comprising of 2.52 lakhs rural births and 3.45 lakhs urban births were analysed. The number of registered births during the year has increased from 5.92 lakhs to 5.97 lakhs. The birth rate of the State during the year 1999 was 18.32 against 18.43 during 1998. The rural and urban rates were 8.95 and 76.56 respectively as against 9.39 and 74.40 during the previous year. Malappuram had the maximum birth rate being 25.55 during the reporting year. Other districts having higher birth rates were Kozhikode (20.37), Wayanad (21.32) and Kasaragode (20.00). The lowest birth rate was recorded in Alappuzha district with 13.77.

Death and death rate

During the year 1999, there were 186828 deaths reported, consisting of 127764 deaths in rural areas and 59064 deaths in urban areas. The death rate of State during the year was calculated as 5.73. A slight decrease in death rate is seen when compared to the previous year. The rural and urban breakup were 4.54 and 13.10 respectively. Kottayam district recorded the highest death rate being 6.70 and Malappuram had the lowest death rate being 4.22.

Infant death rate

Infant death rate is the death rate of infants having age of below one year per thousand live births. The total infant death registered during the year 1999 was 4936 as against 5326 in the previous year 1998. The infant death rate was 8.27 with a rural and urban break up of 4.41 and 11.08 respectively. Infant Deaths were highest in Kozhikode district, being 16.99 and lowest in Kasaragod district being 2.08.

Maternal death rate

During the reporting year no maternal deaths are seen to be reported. The reported maternal death during the previous year is 71 having 56 maternal deaths in rural areas and 15 in urban side.

Still birth rate

The total number of still births registered during the year was 3136 against 2762 of the previous year. The still birth rate during the year was 5.25 whereas that during the previous year was 4.65. The highest still birth rate was in the district Kozhikode being 11.98 and the lowest rate was 1.16 in Malappuram district.

Conclusion

Malappuram district stands first with the highest birth rate and Alappuzha has the lowest birth rate. A slight decrease in birth rate and death rate is seen in the reporting year 1999 compared to previous year. The general trend is that almost all the vital rates are higher in the urban areas than in the rural areas. This may be due to the fact that the registration in the urban areas may be almost complete and better medical facilities are available in the urban areas than in the rural areas.

Table 1
TOTAL NUMBER OF LIVE-BIRTHS, DEATHS, STILL BIRTHS, INFANT DEATHS,
MATERNAL DEATHS AND THEIR RATES

District	Rural/ Urban	Estimated mid year population	Live Births			Deaths		
			Number	Rate		Number	Rate	
				1999	1998		1999	1998
1	2	3	4	5	6	7	8	9
Thiruvananthapuram	Rural	2566	13850	5.40	5.07	10183	3.97	4.00
	Urban	728	44922	61.71	63.31	11665	16.02	14.38
	Total	3294	58772	17.84	17.99	21848	6.63	6.30
Kollam	Rural	2463	23046	9.36	10.13	10844	4.40	4.56
	Urban	229	20700	90.39	84.73	3093	13.51	12.15
	Total	2692	43746	16.25	16.53	13937	5.18	5.21
Pathanamthitta	Rural	1205	9484	7.87	7.12	7003	5.81	5.77
	Urban	124	10081	81.30	83.98	1724	13.90	14.09
	Total	1329	19565	14.72	14.33	8727	6.57	6.55
Alappuzha	Rural	1934	4962	2.57	2.87	8811	4.56	4.77
	Urban	354	26535	74.96	72.61	4490	12.68	13.55
	Total	2288	31497	13.77	13.99	13301	5.81	6.17
Kottayam	Rural	1934	24285	12.56	13.89	12006	6.21	6.55
	Urban	159	9839	61.88	62.9	1682	10.58	9.86
	Total	2044	34124	16.69	17.75	13688	6.70	6.81
Idukki	Rural	1160	14542	12.54	12.24	4854	4.18	4.13
	Urban	45	5500	122.22	117.07	564	12.53	11.84
	Total	1205	20042	16.63	16.2	5418	4.50	4.42
Ernakulam	Rural	2236	9216	4.12	4.2	9777	4.37	4.36
	Urban	914	44852	49.07	50.19	9729	10.64	10.45
	Total	3150	54068	17.16	17.59	19506	6.19	6.13
Thrissur	Rural	2794	22926	8.21	9.2	15902	5.69	5.58
	Urban	266	32681	122.86	118.01	4298	16.16	15.65
	Total	3060	55607	18.17	18.71	20200	6.60	6.46
Palakkad	Rural	2376	25018	10.53	11.7	11565	4.87	5.15
	Urban	287	23001	80.14	79.8	3041	10.60	10.43
	Total	2663	48019	18.03	18.96	14606	5.48	5.71
Malappuram	Rural	3152	54005	17.13	18.59	11297	3.58	3.86
	Urban	310	34432	111.07	100.39	3304	10.66	11.08
	Total	3462	88437	25.55	25.84	14601	4.22	4.50
Kozhikode	Rural	2343	15223	6.50	6.51	8442	3.60	3.76
	Urban	586	44443	75.84	70.26	9994	17.05	17.27
	Total	2929	59666	20.37	19.39	18436	6.29	6.48
Wayanadu	Rural	723	12620	17.46	16.68	3153	4.36	4.23
	Urban	28	3390	121.07	109.39	288	10.29	10.21
	Total	751	16010	21.32	20.18	3441	4.58	4.45
Kannur	Rural	2162	10581	4.89	4.87	9133	4.22	4.54
	Urban	355	32741	92.23	89.17	3938	11.09	10.69
	Total	2517	43322	17.21	16.75	13071	5.19	5.41
Kasaragod	Rural	1073	11883	11.07	10.55	4794	4.47	4.32
	Urban	125	12190	97.52	92.8	1254	10.03	10.13
	Total	1198	24073	20.09	19.11	6048	5.05	4.92
State	Rural	28121	251641	8.95	9.39	127764	4.54	4.66
	Urban	4510	345307	76.56	74.4	59064	13.10	12.75
	Total	32582	596948	18.32	18.43	186828	5.73	5.79

Table 1 (Contd.)
TOTAL NUMBER OF LIVE BIRTHS, DEATHS, STILL BIRTHS, INFANT DEATHS,
MATERNAL DEATHS AND THEIR RATES

District	Rural/ Urban	Still Births			Infant Deaths		
		No (1999)	Rates		No (1999)	Rates	
			1999	1998		1999	1998
1	2	10	11	12	13	14	15
Thiruvananthapuram	Rural	-	-	1.17	-	-	1.79
	Urban	539	1.19	8.41	709	15.78	16.02
	Total	539	9.08	6.83	709	12.06	12.89
Kollam	Rural	80	3.46	2.68	98	4.25	3.78
	Urban	33	1.59	0.52	178	8.60	8.75
	Total	113	2.58	1.73	276	6.53	5.97
Pathanamthitta	Rural	5	0.53	1.06	36	3.84	5.32
	Urban	44	4.35	4.15	83	4.24	7.74
	Total	49	2.50	2.76	119	6.08	6.65
Alappuzha	Rural	11	2.24	1.69	48	9.67	4.14
	Urban	162	6.07	5.87	253	9.53	8.37
	Total	173	5.49	5.15	301	9.55	7.64
Kottayam	Rural	193	7.88	6.58	136	5.60	12.09
	Urban	26	2.63	4.28	29	2.95	3.80
	Total	219	6.42	5.94	165	4.84	9.78
Idukki	Rural	62	4.25	4.27	174	11.96	13.07
	Urban	30	5.42	3.78	42	7.64	7.21
	Total	92	4.59	4.14	216	10.78	11.47
Eranakulam	Rural	55	5.93	4.94	139	15.08	2.48
	Urban	116	2.58	2.48	412	9.18	8.01
	Total	171	3.16	2.90	551	10.19	7.08
Thrissur	Rural	57	2.48	1.61	153	6.67	6.86
	Urban	257	7.80	9.19	438	13.40	13.64
	Total	314	5.65	5.81	591	10.63	10.60
Palakkad	Rural	60	2.39	1.82	56	2.24	4.33
	Urban	81	3.51	2.59	250	10.87	13.25
	Total	141	2.94	2.16	306	6.37	8.33
Malappuram	Rural	-	-	1.21	136	2.52	1.85
	Urban	97	2.81	2.66	229	6.65	12.39
	Total	97	1.16	1.71	365	4.13	5.48
Kozhikode	Rural	28	1.83	0.73	34	2.23	2.86
	Urban	687	15.22	13.96	980	22.05	23.53
	Total	715	11.98	10.44	1014	16.99	17.57
Wayanadu	Rural	90	7.08	4.35	37	2.93	3.27
	Urban	6	1.77	4.23	25	7.37	6.53
	Total	96	6.00	4.32	62	3.87	3.94
Kannur	Rural	55	5.17	4.98	31	2.93	4.71
	Urban	219	6.64	6.87	180	5.50	7.69
	Total	274	6.32	6.40	211	4.87	6.95
Kasaragod	Rural	21	1.76	0.98	32	2.69	2.68
	Urban	122	9.23	8.34	18	1.48	9.64
	Total	143	5.94	4.71	50	2.08	6.20
State	Rural	717	2.84	2.55	1110	4.41	4.86
	Urban	2419	6.96	6.28	3826	11.08	12.24
	Total	3136	5.25	4.65	4936	8.27	9.00

Table 2
CENSUS POPULATIONS OF DISTRICTS (RURAL, URBAN - SEXWISE)

(Population in Thousands)

Sl No	Districts	Population of Towns				Population of Towns		
		Total	Rural		Urban		Male	Female
			Male	Female	Male	Female		
1	2	3	4	5	6	7	8	9
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	Iddukki	1078	526	511	20	21	20	21
7	Eranakulam	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	Wayanadu	672	330	319	12	11	0	0
13	Kannur	2252	919	966	180	187	113	116
14	Kasaragod	1072	476	489	53	54	53	54
	State	29098	12142	12599	2149	2208	1908	1958

Table 3
Total number of Live-Births, Deaths, and Infant Deaths in Corporations and Municipalities having a Population of 30000 and above

Sl No	Corporations/ Municipalities	Births			Deaths			Infant deaths
		Total	Male	Female	Total	Male	Female	
	2	3	4	5	6	7	8	9
1	Attingal	1192	563	629	204	108	96	-
1	Nedumangadu	1230	618	612	222	113	109	-
2	Neyyattinkara	3222	1635	1587	368	182	186	4
3	Trivandrum Corporation	37978	19214	18764	10573	5614	4959	705
4	Varkala	1300	630	670	298	196	102	-
5	Kollam	16901	7941	7468	2126	1350	776	178
6	Paravur	1416	712	704	511	293	218	-
7	Punalur	2383	1813	2062	456	262	194	-
8	Pathanamthitta	3551	1782	1769	402	208	194	20
9	Thiruvalla	4530	2361	2169	986	486	500	63
10	Alappuzha	13301	6969	6332	2357	1302	1055	212
11	Cherthala	3998	1916	2082	615	336	279	8
12	Kayamkulam	5316	2792	2524	449	252	197	6
13	Changanacherry	2574	1502	1072	311	196	115	8
14	Kottayam	3446	1736	1710	732	418	314	12
15	Thodupuzha	5500	2821	2679	564	305	259	42
16	Angamali	2978	1502	1476	583	312	271	43
17	Kalamassery	3	2	1	148	86	62	-
18	Kochi Corporation	19226	9638	9588	6154	3216	2938	319
19	Kothamangalam	4109	2106	2003	403	206	197	42
20	Thrippunithura	3024	1632	1392	432	231	201	3
21	Chalakkudy	3892	1928	1964	440	210	230	21
22	Chavakkadu	1754	918	836	249	139	110	16
23	Kodungalloor	4866	2334	2532	448	225	223	24
24	Thrissur	15443	7427	8016	2288	1280	1008	292
25	Chittur-Thathamangalam	625	312	313	266	136	130	16
26	Ottapalam	6780	3412	3368	608	402	206	62
27	Palakkad	14616	7328	7288	1916	1127	789	169
28	Shornur	980	490	490	251	153	98	3
29	Malappuram	5573	2836	2737	508	268	240	30
30	Namjeri	6883	3502	3381	831	460	371	72
31	Perinthalamanna	12580	6186	6394	1098	605	493	98
32	Ponnani	1465	781	684	273	136	137	6
33	Tirur	7931	4129	3802	594	302	292	23
34	Kozhikkodu Corporation	39834	20553	19281	8857	5470	3387	952
35	Vadakara	3349	1609	1740	700	418	282	24
36	Kannur	4616	2302	2314	677	378	299	60
37	Mattannur	2931	1496	1435	320	180	140	26
38	Payyannur	5534	2503	3031	456	236	220	36
39	Thalassery	13375	6854	6521	1958	1236	722	30
40	Thaliparamba	4723	2332	2391	316	180	136	28
41	Kanjangadu	4011	2026	1985	651	389	262	-
42	Kasaragod	8179	4184	3995	603	325	278	18
43	Quilandy	1260	642	618	437	241	196	4

Table 4

Table 4 - Total number of Births, Deaths, and Infant Deaths in Corporations and Municipalities having a Population of 30000 and above - District wise - 1999

Sl No	Districts	Births	Deaths	Infant Death
1	2	3	4	5
1	Thiruvananthapuram	44922	11665	709
2	Kollam	20700	3093	178
3	Pathanamthitta	8081	1388	83
4	Alappuzha	22615	3421	226
5	Kottayam	6020	1043	20
6	Iddukki	5500	564	42
7	Eranakulam	29340	7720	407
8	Thrissur	25955	3425	353
9	Palakkad	23001	3041	250
10	Malappuram	34432	3304	229
11	Kozhikode	44443	9994	980
12	Wayanadu	-	-	-
13	Kannur	31179	3727	180
14	Kasaragod	12190	1254	18
	State	308378	53639	3675

Table 5

Table 5 - TOTAL NO OF VITAL EVENTS AND ITS RATES IN CORPORATION/ MUNICIPALITIES 1999

Sl.No	Corporations / Municipalities	Live birth		Death		Infant death	
		No.	Rate	No.	Rate	No.	Rate
1	2	3	4	5	6	9	10
1	Neyyattinkara	3222	72.12	368	11.27	4	1.70
2	Trivandrum Corporation	37978	67.72	10573	18.86	705	18.56
3	Attingal	1192	33.72	204	5.77	-	-
4	Nedumangad	1230	22.22	222	4.01	-	-
5	Varkala	1300	29.76	298	6.82	-	-
6	Kollam	16901	119.47	2126	17.06	178	11.55
7	Paravur	1416	36.69	511	13.24	-	-
8	Punalur	2383	78.72	456	9.28	-	-
9	Thiruvalla	4530	78.90	986	17.17	63	13.91
10	Adoor	2000	71.19	336	11.99	-	-
11	Pathanamthitta	3551	92.22	402	10.44	20	6.75
12	Alappuzha	13301	77.97	2357	13.19	212	15.22
13	Mavelikkara	2716	91.14	680	22.87	24	8.84
14	Kayamkulam	5316	73.40	449	6.20	6	1.13

Table 5 (Contd.)

Sl.No	Corporations / Municipalities	Live birth		Death		Infant death	
		No.	Rate	No.	Rate	No.	Rate
1	2	3	4	5	6	9	10
15	Sherthala	3998	87.22	615	13.42	8	2.00
16	Chenganoor	1204	45.02	389	14.56	3	2.49
17	Changanacherry	2574	48.69	311	5.88	8	3.11
18	Vaikom	803	35.91	301	13.46	4	4.98
19	Thodupuzha	5500	110.47	564	11.05	42	7.64
20	Pala	3016	136.38	338	15.29	5	1.66
21	Kottayam	3446	55.48	732	11.79	12	3.48
22	Kochi Corporation	19226	37.67	6154	10.07	319	13.85
23	Alwaye	5098	209.27	490	20.10	5	0.98
24	North Paravoor	4820	164.32	501	17.12	-	-
25	Perumbavoor	2896	111.01	519	19.94	-	-
26	Kothamangalam	4109	109.05	403	10.70	42	10.22
27	Moovattupuzha	2698	90.98	499	16.87	-	-
28	Thrippunithura	3024	51.93	432	7.42	3	0.82
29	Kalamassery	3	0.05	148	2.27	-	-
30	Angamaly	2978	92.36	583	18.08	43	14.44
31	Guruvayoor Township	1400	62.45	230	10.26	-	-
32	Kunnankulam	2944	148.39	312	15.73	-	-
33	Thrissur	15443	214.65	2288	31.80	292	18.91
34	Kodungalloor	4866	143.51	448	13.21	64	13.15
35	Chalakkudy	3892	66.84	440	9.28	21	5.40
36	Irinjalakkuda	2382	82.96	331	11.53	45	18.89
37	Chavakkadu	1754	42.86	249	6.08	16	9.12
38	Palakkadu	14616	109.19	1916	14.31	169	11.56
39	Ottappalam	6780	89.51	608	8.03	62	9.11
38	Chittur-Thathamangalam	625	18.66	266	7.94	16	25.60
39	Shornur	980	22.51	251	5.75	3	3.05
40	Perinthalamanna	12580	208.77	1098	23.77	98	7.79
41	Pomani	1465	24.35	273	4.54	6	4.10
42	Tirur	7931	136.63	594	10.23	23	2.90
43	Malappuram	5573	93.18	508	8.49	30	5.38
44	Namjeri	6883	80.55	831	9.73	72	10.46
45	Vadakara	3349	45.47	700	9.06	24	6.59
46	Quilandy	1260	19.74	437	6.85	4	3.17
47	Kozhikkodu Corporation	39834	89.88	8857	20.03	952	23.95
48	Kalpetta	3390	119.57	288	10.16	25	7.37
49	Thalassery	13375	146.34	1958	24.46	30	7.08
50	Payyannur	5534	74.91	456	6.17	36	6.51
51	Kannur	4616	66.82	677	9.80	60	13.43
52	Thaliparamba	4723	106.42	316	7.12	28	5.93
53	Mattannur	2931	59.70	320	6.52	26	8.87
54	Koothuparamba	1562	47.38	211	6.40	-	-
55	Kanjangad	4011	58.73	651	9.25	-	-
56	Kasaragod	8179	146.15	603	10.78	18	2.20

TABLE 6

LIVE BIRTH BY TYPE OF ATTENTION AT DELIVERY 1999 - RURAL AND URBAN

Sl No	Districts	Rural						Urban Towns with Population									
		Domiciliary			Below 30000			Above 30000			Above 30000						
		Total	Institutional	Physician, Nurse & Trained midwife	Un-qualified mid wife	Others	Not reported	Institutional	Physician, Nurse & Trained mid-wife	Un-qualified mid wife	Others	Not reported	Institutional	Physician, Nurse & Trained mid-wife	Un-qualified mid wife	Others	Not reported
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Thiruvananthapuram	58772	13773	28	47	2	-	-	-	-	-	-	44664	244	10	1	3
2	Kollam	43746	22713	265	59	4	5	-	-	-	-	-	20373	294	26	4	3
3	Pathanamthitta	19565	9380	46	53	1	4	1911	5	1	2	1	8050	20	6	4	1
4	Alappuzha	31497	4780	100	78	3	1	3240	6	3	-	-	23247	30	9	-	-
5	Kottayam	34124	24235	35	13	2	-	3808	1	-	-	-	6020	6	2	2	-
6	Idukki	20042	13885	60	592	5	-	-	-	-	-	-	5446	38	12	4	-
7	Eranakulam	54068	9192	17	6	1	-	-	-	-	-	-	44831	17	3	1	-
8	Thrissur	55607	22664	94	167	1	-	6707	4	1	-	-	25955	9	4	1	-
9	Palakkad	48019	23312	736	965	4	1	-	-	-	-	-	22955	28	17	1	-
10	Malappuram	88437	42972	1112	9903	13	5	-	-	-	-	-	33680	248	502	1	1
11	Kozhikode	59666	14665	72	484	1	1	-	-	-	-	-	44393	32	18	-	-
12	Wayanadu	16010	10931	782	874	21	12	3171	121	98	-	-	-	-	-	-	-
13	Kannur	43322	9899	221	461	-	-	-	-	-	-	-	32711	21	8	1	-
14	Kasaragod	24073	11821	36	24	1	1	-	-	-	-	-	12118	38	32	1	1
	State	596948	234222	3604	13726	59	30	18917	137	103	2	1	32443	1025	649	21	9

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TABLE -7
LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF MOTHER
FOR THE STATE (RURAL) 1999

Order of Birth	LITERACY					Total
	Illiterate	Below Matriculation	Matriculation or Higher Secondary	Graduation or Above	Not reported	
1	2	3	4	5	6	7
01	1344	54436	47692	10986	138	114596
02	1231	40993	41894	6891	124	91133
03	940	18532	11086	998	86	31642
04	557	6068	1646	102	35	8408
05	245	2706	418	16	24	3409
06	139	1169	86	1	11	1406
07	65	460	21		7	553
08	29	280	-		5	314
09	15	94	-		2	111
10	6	39	-			45
10 and above	6	15	-			21
NR	2	1	-			3
TOTAL	4579	124793	102843	18994	432	251641

TABLE-8
LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF MOTHER
FOR THE STATE.(URBAN) 1999.

Order of Birth	LITERACY					Total
	Illiterate	Below Matriculation	Matriculation or Higher Secondary	Graduation and above	Not Reported	
1	2	3	4	5	6	7
01	1287	66463	83706	23731	51	175238
02	742	46936	56852	12926	27	117483
03	459	18094	16211	1899	14	36677
04	264	8493	2906	118	-	11781
05	132	2365	238	7	-	2742
06	89	845	23	-	-	957
07	23	325	-	-	-	348
08	14	46	-	-	-	60
09	2	11	-	-	-	13
10		8	-	-	-	8
11 and above						-
N.R						-
Total	3012	143586	159936	38681	92	345307

TABLE No.9

**LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF MOTHER
FOR THE STATE KERALA**

Order of Birth	LITERACY					Total
	Illiterate	Below Matriculation	Matriculation or Higher Secondary	Graduation or Above	Not reported	
1	2	3	4	5	6	7
01	2631	120899	131398	34717	189	289834
02	1973	87929	98746	19817	151	208616
03	1399	36626	27297	2897	100	68319
04	821	14561	4552	220	35	20189
05	377	5071	656	23	24	6151
06	228	2014	109	1	11	2363
07	88	785	21	-	7	901
08	43	326	-	-	5	374
09	17	105	-	-	2	124
10	6	47	-	-	-	53
11 and above	6	15	-	-	-	21
N.R.	2	1	-	-	-	3
Total	7591	268379	262779	57675	524	596948

TABLE-10

**LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF FATHER
FOR THE STATE (RURAL) 1999**

Order of Birth	LITERACY					Total
	Illiterate	Below Matriculation	Matriculation or Higher Secondary	Graduation or Above	Not reported	
1	2	3	4	5	6	7
01	1571	52913	48232	10836	136	113688
02	1372	46039	38002	6872	93	92378
03	1103	17981	9326	2302	80	30792
04	532	5362	2483	306	52	8735
05	263	2434	809	43	22	2571
06	126	993	280	7	14	1420
07	47	432	72	-	8	559
08	28	267	16	-	4	315
09	11	96	2	-	1	110
10	2	46	-	-	1	49
11 and above	-	21	-	-	-	21
N.R.	1	1	-	-	1	3
Total	5056	126585	99222	20366	412	251641

TABLE -11
LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF FATHER FOR KERALA
1999 (URBAN)

Order of Birth	LITERACY					
	Illiterate	Below Matriculation	Matriculation or Higher Secondary	Graduation or Above	Not reported	Total
1	2	3	4	5	6	7
01	1487	69542	84273	20881	65	176248
02	998	45493	59366	12034	51	117942
03	546	17239	15429	3759	26	36999
04	393	5326	4361	432	6	10518
05	79	1295	976	58	2	2410
06	36	636	182	7	-	861
07	16	207	30	-	-	253
08	11	33	13	-	-	57
09	3	8	2	-	-	13
10	-	6	-	-	-	6
11 and above	-	-	-	-	-	-
N.R.	-	-	-	-	-	-
Total	3569	139785	164632	37171	150	345307

TABLE-12
LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF FATHER
FOR THE STATE 1999

Order of Birth	LITERACY					
	Illiterate	Below Matriculation	Matriculation or Higher Secondary	Graduation or Above	Not reported	Total
1	2	3	4	5	6	7
01	3058	122455	132505	31717	201	289936
02	2370	91532	97368	18906	144	210320
03	1649	35220	24755	6061	106	67791
04	925	10688	6844	738	58	19253
05	342	3729	1785	101	24	5981
06	162	1629	462	14	14	2281
07	63	639	102	-	8	812
08	39	300	29	-	4	372
09	14	104	4	-	1	123
10	2	52	-	-	1	55
11 and above	-	21	-	-	-	21
N.R.	1	1	-	-	1	3
Total	8625	266370	263854	57537	562	596948

TABLE-13
LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND OCCUPATION OF FATHER – KERALA (RURAL) 1999.

Order of Birth	Professional/ Technical/ related workers	Administrative, Management workers	Clerical workers	Sale workers	Service workers	Farmers, Fishermen, Hunters, Loggers	Production related workers Transport equipment labours	Others whose occupation is not elsewhere classified	Non- workers	Total
1	2	3	4	5	6	7	8	9	10	11
1	3748	706	5323	12452	4331	14076	68806	4186	386	114014
2	2496	482	2942	10363	2541	10762	59436	2664	212	91898
3	701	169	1722	4024	736	5831	16607	1102	146	31038
4	89	12	376	1200	162	1401	4878	440	41	8599
5	2		82	357	121	860	2016	203	5	3646
6	-		56	103	39	242	906	68	-	1414
7	-		7	20	2	105	408	15	-	557
8	-		-	-	-	33	269	2	-	304
9						16	90	-	-	106
10						5	40	-	-	45
11 and above						1	17	-	-	18
N.R.							2	-	-	2
Total	7036	1369	10508	28519	7932	33332	153475	8680	790	251641

TABLE -14

LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND OCCUPATION OF FATHER KERALA (URBAN) 1999.

Order of Birth	Professional/ Technical/ related workers	Administrative, Management workers	Clerical workers	Sale workers	Service workers	Farmers, Fishermen, Hunters, Loggers	Production related workers Transport equipment labours	Others whose occupation is not elsewhere classified	Non- workers	Total
1	2	3	4	5	6	7	8	9	10	11
1	5437	1899	8326	20343	4741	12992	119329	4698	887	178652
2	3875	1288	6441	15553	3732	9434	73369	3293	467	117452
3	545	144	1227	4907	1714	4060	21651	655	28	34931
4	33	15	162	1701	532	799	6986	172		10400
5	2	-	44	518	77	149	1654	36		2480
6	-	-	7	98	16	25	903	9		1058
7	-	-	2	43	9	15	186	1		256
8	-	-	-	15	2	5	37			59
9	-	-	-	-	-	2	11			13
10	-	-	-	1		-	5			6
11 and above	-	-	-	-		-				
N.R	-	-	-	-		-				
Total	9892	3346	16209	43179	10823	27481	224131	8864	1382	345307

TABLE - 15

LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND OCCUPATION OF FATHER KERALA STATE 1999.

Order of Birth	Professional/ Technical/ related workers	Administrative, Management workers	Clerical workers	Sale workers	Service workers	Farmers, Fishermen, Hunters, Loggers	Production related workers Transport equipment labours	Others whose occupation is not elsewhere classified	Non- workers	Total
	2	3	4	5	6	7	8	9	10	11
1	9185	2605	13649	32795	9072	27068	188135	8884	1273	292666
2	6371	1770	9383	25916	6273	20196	132805	5957	679	209350
3	1246	313	2949	8931	2450	9891	38258	1757	174	65969
4	122	27	538	2901	694	2200	11864	612	41	18999
5	4		126	875	198	1009	3670	239	5	6126
6			63	201	55	267	1809	77		2472
7			9	63	11	120	594	16		813
8				15	2	38	306	2		363
9				-		18	101	-		119
10				1		5	45	-		51
11 and above						1	17	-		18
N.R.							2	-		2
Total	16928	4715	26717	71698	18755	60813	377606	17544	2172	596948

TABLE - 16
LIVE BIRTH BY ORDER OF BIRTH AND AGE OF MOTHER - RURAL - 1999

Birth Order	AGE OF MOTHER									
	Below 15 years	15-19	20-24	25-29	30-34	35-39	40-44	45 and above	N.R	All Ages
1	2	3	4	5	6	7	8	9	10	11
1	3	22519	63795	23068	3373	413	14	-	-	113185
2		1571	45892	34990	8806	1070	14	-		92343
3		168	11260	16093	3826	698	8	-		32053
4			1419	4376	2156	432	24	4		8411
5			93	1382	1332	560	34	6		3407
6			2	310	486	507	23	7		1335
7				113	146	203	30	4		496
8				8	111	132	20	2		273
9					19	37	9	8	1	74
10					8	15	16	3	1	43
11 and above					2	4	10	1		17
N.R				2	-	1	1			4
Total	3	24258	122461	80342	20265	4072	203	35	2	251641

TABLE - 17
LIVE BIRTH BY ORDER OF BIRTH AND AGE OF MOTHER - URBAN - 1999.

Birth Order	AGE OF MOTHER									
	Below 15 years	15-19	20-24	25-29	30-34	35-39	40-44	45 and above	N.R	All Ages
1	2	3	4	5	6	7	8	9	10	11
1		28629	90590	47247	9308	596	7			176377
2		4367	48186	49982	14312	493	18			117358
3		92	12093	17332	7083	588	22			37210
4			1508	4718	3600	712	28			10566
5			86	1235	712	429	54	3		2519
6			18	293	410	178	32	2		933
7			2	21	96	126	18	4		267
8				3	10	33	10	1		57
9					2	9	2	-		13
10						4	1	2		7
11 and above										
N.R										
Total		33088	152483	120831	35533	3168	192	12		345307

TABLE - 18
LIVE BIRTH BY ORDER OF BIRTH AND AGE OF MOTHER - KERALA - 1999.

Birth Order	AGE OF MOTHER									
	Below 15 years	15-19	20-24	25-29	30-34	35-39	40-44	45 and above	N.R	All Ages
1	2	3	4	5	6	7	8	9	10	11
1	3	51148	154385	70315	12681	1009	21			289562
2		5938	94078	84972	23118	1563	32			209701
3		260	23353	33425	10909	1286	30			69263
4			2927	9094	5756	1144	52	4		18977
5			179	2617	2044	989	88	9		5926
6			20	603	896	685	55	9		2268
7			2	134	242	329	48	8		763
8			3	18	144	142	21	2		330
9				2	28	39	9	8	1	87
10					12	16	18	3	1	50
11 and above					2	4	10	1		17
N.R				2	-	1	1			4
Total	3	57346	274947	201182	55832	7207	385	44	2	596948

TABLE - 19
Live Birth By Age Of Mother In Municipalities And Corporations - Kerala - 1999

Sl.No.	Municipality/Corporation	Age of Mother									Total
		Below 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 and above	NR	
1	2	3	4	5	6	7	8	9	10	11	12
1	Neyyattinkara		768	819	696	916	20	3			3222
2	Trivandrum Corp		1786	16766	14732	4098	575	21			37978
3	Attingal		310	416	288	165	8	5			1192
4	Nedumangad		236	453	444	86	10	1			1230
5	Varkala		167	527	495	101	10				1300
6	Kollam		372	8898	6330	1149	146	6			16901
7	Paravoor		436	438	196	232	103	11			1416
8	Punalur		271	802	1211	77	20	2			2383
9	Thiruvalla		300	2139	1970	102	17	2			4530
10	Adoor		219	256	1174	335	16				2000
11	Pathanamthitta		569	1452	1375	128	23	4			3551
12	Mavelikkara		343	1072	1143	143	14	1			2716
13	Kayamkulam		988	1662	1354	1221	78	13			5316
14	Cherthala		763	1739	1312	113	69	2			3998
15	Chengannur		218	408	368	196	11	3			1204
16	Alappuzha		172	7165	4478	1416	68	2			13301
17	Changanassery		224	1344	932	62	11	1			2574
18	Vaikam		101	351	321	20	10				803
19	Palai		235	1367	1392	10	12				3016
20	Kottayam		389	1592	1306	112	44	3			3446
21	Kochi Corporation		388	9139	8166	1370	161	2			19226
22	Aluva		703	2405	1857	115	17	1			5098
23	Paravoor North		686	1563	1426	1113	30	2			4820
24	Perumbavoor		274	1396	1126	77	20	3			2896
25	Kothamangalam		413	1629	1472	561	28	6			4109
26	Moovattupuzha		222	1180	1005	261	27	3			2698
27	Thrippunithura		346	1134	1026	494	18	6			3024
28	Kalamassery			3							3
29	Angamali		259	1354	776	565	21	3			2978
30	Thodupuzha		530	397	2006	2536	27	4			5500

TABLE - 19 (Contd..)

Sl.No.	Municipality/Corporation	Age of Mother									Total
		Below 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 and above	NR	
1	2	3	4	5	6	7	8	9	10	11	12
31	Guruvayur		249	616	258	261	16				1400
32	Kunnamkulam		608	1049	1033	233	21				2944
33	Thrissur		1256	9078	2580	2396	130	3			15443
34	Kodungallur		480	2638	1630	93	23	2			4866
35	Chalakkudy		459	2025	1358	24	25	1			3892
36	Irinjalakkuda		375	1014	902	73	17	1			2382
37	Chavakkad		169	790	725	53	15	2			1754
38	Palakkad		382	6462	6745	902	121	2	2		14616
39	Ottappalam		612	3499	2248	389	30	2			6780
40	Chittoor-Thathamangalam		64	332	204	16	6	3			625
41	Shornur		88	510	326	44	8	4			980
42	Perinthalmanna		1051	5920	3408	2150	45	6			12580
43	Ponnani		325	630	329	162	12	7			1465
44	Thirur		718	4143	2333	676	51	10			7931
45	Malappuram		638	2536	1249	1111	25	12	2		5573
46	Manjeri		628	2379	2971	839	62	3	1		6883
47	Vadakara		309	725	2018	272	22	2	1		3349
48	Kozhikkode Corporation		3372	18998	14210	2687	563	4			39834
49	Kalpetta		745	815	974	825	28	3			3390
50	Thalassery		1732	6630	4031	798	173	9	2		13375
51	Payyannur		603	1976	1956	979	17	3			5534
52	Kannur		510	1494	1543	1045	17	3	4		4616
53	Thaliparambu		1686	1474	1228	297	38				4723
54	Mattannur		259	1078	1009	564	21				2931
55	Koothuparambu		167	408	588	382	17				1562
56	Kanjanad		301	2111	1466	119	14				4011
57	Kasaragod		2551	2770	2516	305	37				8179
58	Quilandy		63	517	616	64					1260
	Total		33088	152483	120831	35533	3168	192	12	0	345307

TABLE – 20
Birth By Religion In The Corporations And Municipalities of Kerala – 1999

Sl.No.	Municipality/Corporation	Hindu	Muslim	Christian	Others	Total
1	2	3	4	5	6	7
1	Neyyattinkara	1985	221	1016		3222
2	Trivandrum Corp	27615	5672	4652	39	37978
3	Attingal	785	372	35		1192
4	Nedumangad	887	189	154		1230
5	Varkala	937	345	18		1300
6	Kollam	11581	3158	2158	4	16901
7	Paravoor	861	445	110		1416
8	Punalur	1522	502	358	1	2383
9	Thiruvalla	1854	124	2552		4530
10	Adoor	1347	228	425		2000
11	Pathanamthitta	1723	826	1000	2	3551
12	Mavelikkara	2419	66	231		2716
13	Kayamkulam	2973	1431	912		5316
14	Cherthala	2327	787	884		3998
15	Chengannur	781	81	342		1204
16	Alappuzha	7936	2436	2927	2	13301
17	Changanassery	1509	211	854		2574
18	Vaikam	525	53	225		803
19	Palai	1232	163	1621		3016
20	Kottayam	1893	239	1310	4	3446
21	Kochi Corporation	8660	3531	7033	2	19226
22	Aluva	2314	1812	966	6	5098
23	Paravoor North	3512	782	525	1	4820
24	Perumbavoor	1396	605	895		2896
25	Kothamangalam	1459	830	1820		4109
26	Moovattupuzha	1356	448	894		2698
27	Thrippunithura	2104	162	748	10	3024
28	Kalamassery	2	1			3
29	Angamali	1077	141	1760		2978
30	Thodupuzha	2291	876	2331	2	5500

TABLE - 20 (Contd..)

Sl.No.	Municipality/Corporation	Hindu	Muslim	Christian	Others	Total
1	2	3	4	5	6	7
31	Guruvayur	875	396	128	1	1400
32	Kunnamkulam	1436	1125	383		2944
33	Thrissur	8985	3248	3210		15443
34	Kodungallur	3853	802	211		4866
35	Chalakkudy	2181	244	1467		3892
36	Irinjalakkuda	1543	385	453	1	2382
37	Chavakkad	818	882	54		1754
38	Palakkad	11075	2854	687		14616
39	Ottappalam	4446	2260	74		6780
40	Chittoor-Thathamangalam	530	82	13		625
41	Shornur	825	136	19		980
42	Perinthalmanna	3522	7875	1183		12580
43	Ponnani	301	1130	34		1465
44	Thirur	3347	4245	339		7931
45	Malappuram	1836	3431	306		5573
46	Manjeri	2082	4650	150	1	6883
47	Vadakara	1034	2040	274	1	3349
48	Kozhikkode Corporation	21914	15252	2668		39834
49	Kalpetta	1581	1243	566		3390
50	Thalassery	8318	4096	958	3	13375
51	Payyannur	3788	1237	507	2	5534
52	Kannur	1832	2565	219		4616
53	Thaliparambu	2212	1872	639		4723
54	Mattannur	1025	1440	465	1	2931
55	Koothuparambu	1013	355	194		1562
56	Kanjanad	1887	1602	522		4011
57	Kasaragod	3175	4535	466	3	8179
58	Quilandy	726	317	217		1260
	Total	193023	97036	55162	86	345307

TABLE - 21
LIVE BIRTH BY RELIGION IN KERALA (DISTRICTWISE) - 1999.

DISTRICTS	RURAL/ URBAN	TOTAL BIRTHS	HINDUS	MUSLIMS	CHRISTIANS	OTHERS
1	2	3	4	5	6	7
Thiruvananthapuram	Rural	13850	8314	2606	2910	20
	Urban	44922	32291	6871	5719	41
	Total	58772	40605	9477	8629	61
Kollam	Rural	23046	14634	5381	3031	-
	Urban	20700	13231	4415	3053	1
	Total	43746	27865	9796	6084	1
Pathanamthitta	Rural	9484	2978	1707	4798	1
	Urban	10081	5207	689	4183	2
	Total	19565	8185	2396	8981	3
Alappuzha	Rural	4962	3993	147	822	-
	Urban	26535	17479	3946	5107	3
	Total	31497	21472	4093	5929	3
Kottayam	Rural	24285	10920	1054	12306	5
	Urban	9839	5452	538	3845	4
	Total	34124	16372	1592	16151	9
Idukki	Rural	14542	6532	1073	6936	1
	Urban	5500	2158	933	2409	-
	Total	20042	8690	2006	9345	1
Eranakulam	Rural	9216	4201	1899	3116	-
	Urban	44852	22012	8788	14036	16
	Total	54068	26213	10687	17152	16
Thrissur	Rural	22926	12690	5038	5190	8
	Urban	32681	19068	7034	6577	2
	Total	55607	31758	12072	11767	10
Palakkad	Rural	25018	17966	6520	531	1
	Urban	23001	16793	5533	674	1
	Total	48019	34759	12053	1205	2
Malappuram	Rural	54005	11574	41540	890	1
	Urban	34432	10935	21436	2057	4
	Total	88437	22509	62976	2947	5
Kozhikode	Rural	15223	4698	8743	1780	2
	Urban	44443	23722	17935	2785	1
	Total	59666	28420	26678	4565	3
Wayanad	Rural	12620	6039	3813	2764	4
	Urban	3390	1412	1272	706	-
	Total	16010	7451	5085	3470	4
Kannur	Rural	10581	4836	3768	1977	-
	Urban	32741	18189	11484	3061	7
	Total	43322	23025	15252	5038	7
Kasaragod	Rural	11883	5249	5627	1007	-
	Urban	12190	5074	6162	950	4
	Total	24073	10323	11789	1957	4
State	Rural	251641	114624	88916	48058	43
	Urban	345307	193023	97036	55162	86
	Total	596948	307647	185952	103220	129

TABLE - 22
MONTH WISE DISTRIBUTION OF LIVE BIRTHS IN KERALA 1999
(RURAL/URBAN).

Sl. No.	MONTH	RURAL	URBAN	TOTAL
1	2	3	4	5
1	January	21138	29743	50881
2	February	19266	27362	46628
3	March	22269	30779	53048
4	April	20543	28532	49075
5	May	23088	32720	55808
6	June	19992	28890	48882
7	July	20972	29084	50056
8	August	20478	29020	49498
9	September	20307	28222	48529
10	October	21548	24939	46487
11	November	20593	28633	49226
12	December	21447	27383	48830
13	State	251641	345307	596948

TABLE - 23
SEX-RATIO OF LIVE BIRTHS IN KERALA (DISTRICTWISE) -1998.

DISTRICT	RURAL / URBAN	MALE	FEMALE	SEX-RATIO
1	2	3	4	5
Thiruvananthapuram	Rural	6997	6853	979
	Urban	22660	22262	982
	Total	29657	29115	982
Kollam	Rural	11025	12021	1090
	Urban	10466	10234	978
	Total	2191	22255	1036
Pathanamthitta	Rural	4671	4813	1030
	Urban	5189	4892	943
	Total	9860	4705	984
Alappuzha	Rural	2450	2512	1025
	Urban	13539	12996	960
	Total	15989	15508	970
Kottayam	Rural	13265	11020	831
	Urban	5008	4831	965
	Total	18273	15851	867
Idukki	Rural	7630	6912	906
	Urban	2821	2679	950
	Total	10451	9591	918
Eranakulam	Rural	4502	4714	1047
	Urban	23367	21485	919
	Total	27869	26199	940
Thrissur	Rural	10915	12011	1100
	Urban	15938	16743	1051
	Total	26853	28754	1071
Palakkad	Rural	13012	12006	923
	Urban	11542	11459	993
	Total	24554	23465	956
Malappuram	Rural	27211	26794	985
	Urban	17434	16998	975
	Total	11615	13792	1187
Kozhikode	Rural	7513	7710	1026
	Urban	22804	21639	949
	Total	30317	29349	968
Wayanad	Rural	6405	6215	970
	Urban	1720	1670	971
	Total	8125	7885	970
Kannur	Rural	4978	5603	1126
	Urban	16038	16703	1041
	Total	21016	22306	1061
Kasaragod	Rural	6009	5874	978
	Urban	6210	5980	963
	Total	12219	11854	970
State	Rural	12683	125058	988
	Urban	174736	170571	976
	Total	301319	295629	981

TABLE - 24
MONTHWISE DISTRIBUTION OF DEATHS IN KERALA (RURAL / URBAN).

Sl. No.	Month	Rural	Urban	Total
1	2	3	4	5
1	January	10798	4811	15609
2	February	9572	4411	13983
3	March	11015	5082	16097
4	April	10050	4776	14826
5	May	11967	5635	17602
6	June	10677	5064	15741
7	July	10854	4999	15853
8	August	1019	4784	15503
9	September	9968	4780	14748
10	October	10961	4883	15844
11	November	10194	4875	15069
12	December	10989	4964	15953
	STATE	127764	59064	186828

TABLE -25
DEATH BY AGE AND SEX IN KERALA - 1998

Sl. No	Age Group	RURAL			URBAN			TOTAL		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
1	Below 1 year	558	594	1152	2020	1764	3784	2578	2358	4936
2	1 to 4 year	225	345	570	341	200	541	566	545	1111
3	5 to 14 year	450	468	918	364	219	586	814	687	1501
4	15 to 24 year	1109	1117	2226	1176	695	1871	2285	1812	4097
5	25 to 34 year	2124	1670	3794	2323	1208	3531	4447	2878	7325
6	35 to 44 year	3633	2243	5876	2474	1336	3810	6107	3579	9686
7	45 to 54 year	8402	6192	14594	4559	1915	6474	12961	8107	21068
8	55 to 64 year	11987	11876	23863	5408	3504	8912	17395	15380	32775
9	65 to and above	38650	34875	73525	14761	14495	29256	53411	49370	102781
10	Not reported	698	548	1246	199	103	302	897	651	1548
	Total	67836	59928	127764	33625	25439	59064	101461	85367	186828

TABLE -26
DEATH BY RELIGION IN KERALA (DISTRICTWISE)

DISTRICT	RURAL / URBAN	Hindus	Muslims	Christian	Others	Total
1	2	3	4	5	6	7
Thiruvananthapuram	Rural	7713	1068	1402	-	10183
	Urban	8347	1569	1737	12	11665
	Total	16060	2637	3139	12	21848
Kollam	Rural	7654	1413	1777	-	10844
	Urban	1854	750	489	-	3093
	Total	9508	2163	2266	-	13937
Pathanamthitta	Rural	3866	327	2804	6	7003
	Urban	823	106	794	1	1724
	Total	4689	433	3598	7	8727
Alappuzha	Rural	6306	527	1978	-	8811
	Urban	2831	639	1020	-	4490
	Total	9137	1166	2998	-	13301
Kottayam	Rural	7662	103	4240	1	12006
	Urban	928	102	652	-	1682
	Total	8590	205	4892	1	13688
Idukki	Rural	2534	302	2017	1	4854
	Urban	329	69	166	-	564
	Total	2863	371	2183	1	2418
Eranakulam	Rural	6773	1047	1955	2	9777
	Urban	6543	1132	2052	2	9729
	Total	13316	2179	4007	4	19506
Thrissur	Rural	10814	2066	3020	2	15902
	Urban	2428	862	1008	-	4298
	Total	13242	2928	4028	2	20200
Palakkad	Rural	9519	1531	511	4	11565
	Urban	2455	460	126	-	3041
	Total	11974	1991	637	4	14606
Malappuram	Rural	4896	6059	341	1	11297
	Urban	971	2201	132	-	3304
	Total	5867	8260	473	1	14601
Kozhikode	Rural	3342	4307	792	1	8442
	Urban	5615	3981	398	-	9994
	Total	8957	8288	1190	1	18436
Wayanad	Rural	2015	532	605	1	3153
	Urban	160	84	44	-	288
	Total	2175	616	649	1	3441
Kannur	Rural	4493	3708	931	1	9133
	Urban	2696	1029	212	1	3938
	Total	7189	4737	1143	2	13071
Kasaragod	Rural	2217	2047	529	1	4794
	Urban	682	474	98	-	1254
	Total	2899	2521	627	1	6048
State	Rural	79804	25037	22902	21	127764
	Urban	36662	13458	8928	16	59064
	Total	116466	38495	31830	37	186828

TABLE - 27
DISTRIBUTION OF DEATH DUE TO SOME SPECIFIED DISEASES

Sl. No.	CAUSE OF DEATH	CODE	RURAL			URBAN			TOTAL		
			MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12
1	Cholera	001	9	7	16	8	6	14	17	13	30
2	Typhoid and Paratyphoid	002	59	31	90	26	12	38	85	43	128
3	Food Poisoning	003	7	4	11	6	9	15	13	13	26
4	Dysentery and Diarrhea, gastroenteritis	004, 006, 009	106	102	208	199	168	367	305	270	575
5	Tuberculosis	010, 015	936	452	1388	163	143	306	1099	595	1694
6	Leprosy	030	1	-	1	1	-	1	2	-	2
7	Diphtheria	032	2	1	6	1	-	1	3	1	4
8	Whooping cough	033	7	6	13	4	1	5	11	7	18
9	Tetanus	037	7	4	11	24	26	50	31	30	61
10	Polionychitis	045	12	8	20	4	4	8	16	12	28
11	Measles	055	17	8	25	19	15	34	36	23	59
12	Rabies	071	10	6	16	7	8	15	17	14	31
13	Malaria	084	29	23	52	24	14	38	53	37	90
14	Cancers - 200-229 230-239	140-199	8518	6607	15125	3342	2887	6229	11860	9494	21354
15	Diabetes, Maillots	250	1487	1392	2879	1294	892	2186	2781	2284	5365
16	Anemia	280-285	42	82	124	46	97	143	88	179	267
17	Meningitis	320-322 402	58	51	109	36	38	74	94	89	183
18	Heart Diseases, Heart Attack	410-444	18203	11943	30146	10293	7682	17975	28496	19625	48121
19	Pneumonia	480-486	131	88	219	163	98	261	294	186	480
20	Influenza	487	507	886	1393	29	28	57	536	914	1450
21	Bronchitis and Asthma Respiratory Diseases	490-493	5837	4895	10732	2012	1548	3560	7849	6443	14292
22	Jaundice	782-784	203	183	386	85	69	154	288	252	540
23	Chronic Liver Diseases, Cirrhosis	571	339	265	604	249	183	432	588	448	1036

TABLE - 27 (Contd.)

1	2	3	4	5	6	7	8	9	10	11	12
24	Ulcer of Stomach and Duodenum (Stomach Complaint)	531-578	335	334	669	94	67	161	429	401	830
25	Appendicitis	540-543	3	1	4	9	-	9	12	1	13
26	Syphilis and other diseases of Genitourinary system	580-629	1	-	1	-	-	-	1	-	1
27	Abortions	630-639									
28	Complications Related to Pregnancy Childbirth	640-648 651-676									
29	Certain conditions such as birth injuries, slow growth of focus and prematurely originating impregnated perm	760-779	677	568	1245	2256	2023	4279	2933	2591	5524
30	Cerebral vascular (Paralysis)	430438	1780	1348	3128	854	596	1450	2634	1944	4578
31	Senility	797	936	676	1612	798	562	1360	1734	1238	2972
32	Others not elsewhere classified	-	23758	27145	50903	9088	6352	15440	32846	33497	66343
33	External causes	-	34	27	61	33	21	54	67	48	115
34	Accidental Burns	E-890-99	92	58	150	118	225	343	210	283	493
35	Falls, Drowning	E-880-88	281	178	459	136	68	204	417	246	663
36	Accidental poisoning	E-910	97	98	195	196	61	257	293	159	452
37	Transport (traffic) Accidents (Involving Railway, Boards, Aircraft, Motor Vehicles, Other Vehicles, Animals being ridden or Drawing Vehicles)	E-910	1123	846	1969	1492	513	2005	2615	1359	3974
38	Other Accidents not elsewhere classified	E-910	80	38	118	116	38	154	196	76	272
39	Suicide	E-910	2109	1565	3674	397	984	1381	2506	2549	5055
40	Homicide	E-910	3	2	5	3	1	4	6	3	9
	TOTAL		67836	59928	127764	33625	25439	59064	101461	85367	186828

TABLE 28
INFANT DEATH BY SEX IN KERALA - 1999 (DISTRICT WISE)

District	Rural/Urban	Male	Female	Total
1	2	3	4	5
Thiruvananthapuram	Rural	-	-	-
	Urban	381	328	709
	Total	381	328	709
Kollam	Rural	58	40	98
	Urban	97	81	178
	Total	155	121	276
Pathanamthitta	Rural	21	15	36
	Urban	48	35	83
	Total	69	50	119
Alappuzha	Rural	25	23	48
	Urban	143	110	253
	Total	168	133	301
Kottayam	Rural	82	54	136
	Urban	14	15	29
	Total	96	69	165
Idukki	Rural	103	71	174
	Urban	24	18	42
	Total	127	89	216
Ernakulam	Rural	82	57	139
	Urban	212	200	412
	Total	294	257	551
Thrissur	Rural	82	71	153
	Urban	233	205	438
	Total	315	276	591
Palakkad	Rural	34	22	56
	Urban	159	91	250
	Total	193	113	306
Malappuram	Rural	74	62	136
	Urban	137	92	229
	Total	211	154	365
Kozhikode	Rural	20	14	34
	Urban	551	429	980
	Total	571	443	1014
Wayanad	Rural	22	15	37
	Urban	15	10	25
	Total	37	25	62
Kannur	Rural	20	11	31
	Urban	105	75	180
	Total	125	86	211
Kasaragod	Rural	19	13	32
	Urban	8	10	18
	Total	27	23	50
State	Rural	642	468	1110
	Urban	2127	1699	3826
	Total	2769	2167	4936

TABLE - 29
INFANT DEATHS BY AGE AND SEX IN KERALA - 1999

Sl. No	Age / Sex	RURAL			URBAN			TOTAL		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
1	Below one week	426	352	778	1330	1024	2354	1756	1376	3132
2	One week and one month	106	59	165	356	308	664	462	367	829
3	One month to below 3 months	44	33	77	198	172	370	242	205	447
4	3 months to below 6 months	46	13	59	164	134	298	210	147	357
5	6 months to 12 months	20	11	31	79	61	140	99	72	171
6	Total	642	468	1110	2127	1699	3826	2769	2167	4936

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