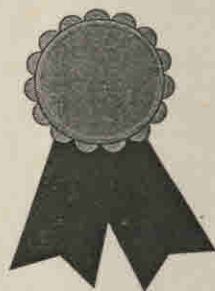


Annual Report on Vital Events



Vital Statistics Bulletin 1994 Report No. 58



**Department of Economics & Statistics
Thiruvananthapuram, 1999**





Preface

This Bulletin presents the Vital Statistics of Kerala for the year 1994. The Vital Rates estimated in the report is based on the Births and Deaths Cards received from the registering units of Kerala

This Bulletin has been prepared by the Vital Statistics Division of this Department.

Thiruvananthapuram
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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 levels of the country. While the present functioning of the civil registration system is not a full fledged system. The reliability of the data derived from the system depends on the efficiency of its function in the registration units.

C.R.S is a continuous permanent and compulsory recording of the occurrence and characteristics of vital events as defined in and as provided through a decree or regulation in accordance with the legal requirement of a country. According to the system, every events should be registered based on the defacto basis, ie the place where event was occurred. It should be registered in the respective registration unit of that area and not in terms of place of residents of the person involved in the vital event. The registration system stipulated both fine and punishment. Under registration of vital events are existing to some extent. Generally almost all events occurred in urban area is registered while all the vital events occurred in rural areas are not registered fully. Hence under registration of vital event in rural area is higher than that in urban area. The reasons noted for under registration of vital events in rural area are ignorance of rural people about the need to register the vital events hiding some events like abortion, suicide etc.

Considering the achievements of C.R.S, it provides so many benefits to the people. In the case of registering birth events, it provides nationality/citizenship by birth to obtain passport, proof of age for school admission, setting inheritance or insurance claims etc. As such in the case of registering death events, it provides the benefits like settlement of inheritance, insurance claims, social and security measures etc. Besides, the data can be used for demographic studies, administrative use, implementing health and family welfare programs, socio conomic purpose etc.

For unifying the C.R.S at national level, Govt. of India enacted the Births and Deaths Registration Act in 1969 and implemented this act in all the states in accordance with the rules framed by each state for the proper functioning of the system. According to this act all citizen should register the vital events in the respective registration unit within the time schedule fixed by the registration authority. The Director of Panchayats, in the statutory capacity as Chief Registrar of Births and Deaths, is the apex authority of the Civil Registration System in the state. Moreover the system is functioning in the state with the Additional Chief Registrar and Additional Director (G) of Department of Economics & Statistics of Births and Deaths, the district registrars and Panchayat & Municipal & Corporation secretaries as registrar.

◆ **Source of Data**

The act stipulated some registers for registering the vital events accordingly, the Registrars of Panchayats, Municipalities and Corporation will enter all details required in the register for registration purpose. Thereafter the report on all registration of vital events should be reported to the Director of Economics & Statistics for the purpose of preparing the priority tables and vital statistics bulletin in connection with C.R.S.

The vital events has to be registered within 21 days as per the present act. Thereafter the event can be registered only after obtaining consent from the registering authority and remit the fine for late registration.

◆ **Processing of Data**

In the reference year total number of births and death events registered in the state were 533209 and 163711 respectively.

◆ **Limitations of the Data**

The prominent drawback of Civil Registration System is the level of under registration especially existing in rural areas of Kerala. Even though the system propagates the need of registration of vital event, still some people are ignorant about the functioning of the system. Even though the act stipulated both fine and punishment for non-registering of vital event, many

are not giving any emphasis for the registration of events. Apart from that some vital events like suicide death due to illegal abortion etc. are not registered.

At present most of the events are occurred in hospitals. Hence the success of C.R.S depends on the timely intimation of all events by the hospital authorities to the respective registration authorities. Another defects of C.R.S is the paucity of data regarding under registration of vital events. Studies should be conducted especially in rural areas for finding out the level of under registration there in.

◆ Birth and Birth Rate

Kerala is having lowest birth rate among the major states in India. While Uttar Pradesh is having the highest birth rate. Birth rate of Kerala shows a constant growth rate during the last few years. As per 1991 Census the percentage of urban population of Kerala is only 36. However analyzing the occurrence of birth events, it is seen that most of the events are occurred in urban areas. The total fertility rate of Kerala is 1.7 during 1994 which is the lowest among the major states in India. There is an interrelationship between fertility rate and birth rate. The major causes for low birth rate in Kerala may be due to the existence of high literacy rate, late marriage, implementation of family welfare programs, massive adoption of family planning programs, advanced deve: in health and medical units and Eco. & Social development.

During the year the total number of births events registered in Kerala was 533209 of which 295118 events were registered in urban area and 238091 events in rural area. This reveals the fact that most of the birth events of Kerala were occurred in urban area than rural area. This may be due to the inflow of rural people to urban area for obtaining advanced medical facilities installed in urban area.

The males and females classification as regards to total registration in live births during the year under report were 273845 and 259364 respectively. District level analysis shows that maximum number of birth events were registered in Malappuram with 76607 followed by Kozhikode,

Thiruvananthapuram and Trissur with 54117, 51515 and 51227 respectively. However the lowest of the same is seen registered in Idukki district having only 15173.

Comparing the registration of birth events of last year 2739 numbers were outnumbered at present.

◆ **Deaths and Death rates**

Among the major states in India, Kerala is having the lowest and Madhyapradesh is having the highest death rate. The death rate in Kerala is following constant approximately a increase during the last few years. As against the births, deaths were higher in rural areas than in urban areas of Kerala. Comparing the registration of deaths with that of the last year 2308 number were more in the present year.

Total number of deaths registered during 1994 were 163711 of which 112214 were registered in rural area and 51497 were registered in urban area. Classification of the males and females in this event were 95502 and 68209 numbers respectively. Comparing the male and female deaths, male deaths were very higher than female deaths. District wise analysis shows that Thiruvananthapuram district had registered maximum number of deaths with 15110 followed by Kozhikode and Trissur with 17595 and 17225 respectively.

◆ **Infant death rate**

It means the number of deaths of children of age less than one year. In this case also Kerala is having the lowest rate. Infant deaths of Kerala is decreasing regularly in the state. Still the subject of infant deaths in Kerala became a point of general discussion both in national and international level. The major reason for bringing down the infant mortality is the eradication of some major decease's like conditions originating in the perinated period and implementation of developmental health schemes.

During the year the number of infant deaths registered in Kerala were 5551 of which 1684 numbers were registered in rural areas and 3867 in urban areas. It is obvious that most of the infant deaths were occurred in urban

area even though the urban population of Kerala is less than the rural population. This may be due to the inflow of rural people to urban area for obtaining better medical facilities. As regards to the male and female classification, the infant mortality were 3094 and 2457 numbers respectively. During the last year and the current year, the infant mortality is more or less the same, being 5557 and 5551 respectively.

◆ **Maternal death rates**

Maternal death means death occurred to women due to pregnancy and child birth. Generally maternal deaths in Kerala are very less. Total number of maternal deaths registered during the year was only 30 of which 20 were occurred in rural area and 10 in urban area. Maximum number of maternal deaths were registered in Thiruvananthapuram district with 4 numbers of infant deaths was registered in Kozhikode district with 990 numbers followed by Trissur and Thiruvananthapuram districts with 677 and 607 respectively. The lowest of the same was registered in Idukki district with 125 numbers.

◆ **Still Birth Rate**

The number of still birth registered during the year was 2743 of which 489 numbers were registered in rural areas and 2254 were in urban area. It is seen that still birth in urban area is higher than that in the rural area. In the previous year total number of still birth registered was 2692. District wise figures shows that maximum number of still births were registered in Kozhikode district with 641 numbers followed by Trissur with 417 numbers. The lowest number of still birth registered was in Pathanamthitta district with 53 numbers.

◆ **Conclusion**

Even if the Act of 1969 stipulated both fine and punishment for the failure in registration of vital events of the people under registration of vital events are still existing to some extent both in urban and rural areas in Kerala. (While the report of the Registrar General of India proclaimed that Kerala has achieved cent percentage of registration of vital events both in rural

and urban areas). However the survey like spot check which is intended to estimate the level of under registration of vital events revealed that some level of under registration is existing in the urban areas of Kerala. In the case of rural areas of Kerala there is no corresponding studies like spot check survey in urban area for estimating the level of under registration existing in rural areas. Hence a comparative study can not be conducted both in rural and urban area. The success of civil registration of Kerala depends on the fact to find out the level of under registration existing both in rural and urban areas of Kerala.



Table 1

Total No. of Live Births, Deaths, Still Births, Infant Deaths, Maternal Deaths and their rates

District	Rural/ Urban	Estimated and Year year population in '000	Live Births				Deaths				Still Births				Infant Deaths				Maternal Deaths			
			Number		Rate		Number		Rate		Number		Rate		Number		Rate		Number		Rate	
			1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1994	1993	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18					
Ttivandrum	Rural	2385	11143	4.67	5.17	8729	3.60	3.56	11	0.99	1.56	45	4.04	3.04	2	0.18	-					
	Urban	696	40372	58.01	56.91	9381	13.48	12.63	145	3.59	4.11	562	13.92	16.04	2	0.05	-					
	Total	3081	51515	16.72	16.92	18110	5.88	5.62	156	3.03	3.51	607	11.78	12.93	4	0.08	-					
Kollam	Rural	2291	21971	9.59	9.79	9297	4.06	4.03	73	3.32	3.65	138	6.28	4.57	-	-	-					
	Urban	226	16507	73.04	71.55	2403	10.63	10.98	80	4.85	5.62	202	13.09	13.23	1	0.06	-					
	Total	2517	38478	15.29	15.39	11700	4.65	4.66	153	3.98	4.48	340	8.84	8.22	1	0.03	-					
Pathanamthitta	Rural	1128	9287	8.23	7.1	5877	5.21	5.5	9	0.97	2.54	39	4.20	3.94	1	0.11	0.13					
	Urban	120	10226	85.22	89.15	1642	13.68	15.28	46	4.50	5.25	89	8.70	10.46	-	-	-					
	Total	1248	19513	15.64	15.06	7519	6.02	6.45	55	2.82	4.10	128	6.54	7.69	1	0.05	0.05					
Alappuzha	Rural	1747	7796	4.46	4.64	7959	4.56	4.74	20	2.57	2.74	44	5.64	4.88	2	0.26	-					
	Urban	345	18794	54.48	55.93	3989	11.56	11.45	158	8.41	6.27	266	14.15	13.76	-	-	-					
	Total	2092	26590	12.71	13.16	11948	5.71	5.85	178	6.69	5.23	310	11.66	11.15	2	0.08	0.04					
Kottayam	Rural	1753	21742	12.46	11.81	9863	5.63	5.76	13	0.60	3.52	273	12.56	10.79	2	0.09	-					
	Urban	159	9568	60.18	60.64	1466	9.22	9.03	42	4.39	5.98	33	3.45	5.39	-	-	-					
	Total	1912	31310	16.38	15.93	11329	5.93	6.04	55	1.76	4.31	306	9.77	9.06	2	0.06	-					
Idukky	Rural	1085	10783	9.94	9.74	3949	3.64	3.62	34	3.15	3.06	88	8.16	9.31	-	-	-					
	Urban	42	4390	104.52	102.83	471	11.21	9.81	28	6.38	3.92	37	8.45	8.80	1	0.23	-					
	Total	1127	15173	13.46	13.26	4420	3.92	3.86	62	4.09	3.31	125	8.24	9.16	1	0.07	-					
Ermakulam	Rural	2076	7474	3.60	4.28	7889	3.80	4.1	35	4.68	2.43	99	13.25	11.27	-	-	0.35					
	Urban	870	40295	46.32	43.77	8020	9.22	9.15	215	5.34	5.65	424	10.55	12.47	2	0.05	-					
	Total	2946	47769	16.21	16.45	15909	5.40	5.65	250	5.23	5.08	523	10.95	12.25	2	0.04	0.06					

Table 1 - Total No. of Live Births, Deaths, Still Births, Infant Deaths, Maternal Deaths and their rates (Contd....)

District	Rural/ Urban	Estimated Mid Year Population	Live Births			Deaths			Still Births			Infant Deaths			Maternal Deaths		
			Number	Rate		Number	Rate		Number	Rate		Number	Rate		Number	Rate	
				1994	1993		1994	1993		1989/90	1993		1994	1993		1994	1993
I	2	3	5	6	8	9	10	11	12	13	14	15	16	17	18		
Trissur	Rural	2602	23158	8.90	4.97	5.37	87	3.76	3.41	223	9.63	7.30	1	0.04	-		
	Urban	260	28069	107.96	105.75	16.47	4282	11.76	11.80	454	16.17	17.85	1	0.04	-		
	Total	2862	51227	17.90	18.28	6.02	17225	8.14	7.88	677	13.22	12.90	2	0.04	-		
Palakkad	Rural	2235	26468	11.84	12.39	5.23	11709	1.81	2.01	191	7.22	5.23	2	0.08	-		
	Urban	256	18658	72.88	68.39	11.09	2838	6.06	4.29	232	12.43	13.98	-	-	-		
	Total	2491	45126	18.12	18.11	5.84	14547	3.57	2.89	423	9.37	8.61	2	0.04	-		
Malappuram	Rural	2960	49615	16.76	17.7	3.42	10118	0.71	1.41	184	3.71	3.46	1	0.07	-		
	Urban	278	26992	97.09	90.7	9.76	2714	4.59	2.59	232	8.60	10.94	2	0.07	-		
	Total	3238	76607	23.66	23.92	3.96	12832	2.08	1.79	416	5.43	5.88	3	0.04	-		
Kozhikode	Rural	2176	17134	7.87	8.12	3.82	8308	1.05	1.89	46	2.68	2.82	2	0.12	0.06		
	Urban	564	36983	65.57	66.79	16.47	9287	15.58	17.93	944	25.53	26.87	-	-	-		
	Total	2740	54117	19.75	20.27	6.42	17595	11.84	12.90	990	18.29	19.23	2	0.04	0.02		
wayanad	Rural	678	9597	14.15	14.86	4.24	2875	7.19	6.39	115	11.98	11.05	3	0.31	0.10		
	Urban	25	2657	106.28	76.38	9.12	228	6.40	-	26	10.37	14.73	-	-	0.55		
	Total	703	12254	17.43	16.99	4.41	3103	7.02	5.40	141	11.53	11.62	3	0.24	0.17		
kannur	Rural	2022	11236	5.56	6.05	4.27	8631	3.29	2.98	128	11.39	4.97	2	0.18	-		
	Urban	332	31679	95.42	89.76	11.46	3805	6.53	2.14	259	8.18	6.79	1	0.03	-		
	Total	2354	42915	18.23	17.87	5.28	12436	5.69	2.38	387	9.02	6.26	3	0.07	-		
kasargode	Rural	1006	10687	10.62	11.35	4.27	4067	-	3.01	71	6.64	5.68	2	0.19	0.09		
	Urban	114	9928	87.09	95.39	8.52	971	12.69	10.01	107	12.78	11.70	-	-	-		
	Total	1120	20615	18.41	19.86	4.50	5038	6.11	6.43	178	8.63	8.61	2	0.10	0.05		
STATE	Rural	26144	238091	9.11	9.46	4.29	112214	2.05	2.64	1684	7.07	5.76	20	0.08	0.03		
	Urban	4287	295118	68.84	67.04	12.01	51497	7.64	7.08	3867	13.10	14.47	10	0.03	0.01		
	Total	30431	533209	17.52	17.67	5.38	163711	5.14	5.05	5551	10.41	10.48	30	0.06	0.02		

Table 2

Census Population of Districts : Rural & Urban - Sex wise (1991 Census)

(Population in '000s)

Sl.No.	Districts	Total	Population						Not under registration			Population of towns 30000 & above		
			Rural			Urban			8	9	10	11	Male	Female
			Male	Female	Total	Male	Female	Total						
1	2	3	4	5	6	7	8	9	10	11	12	13		
1	Tivandrum	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	Idukky	1078	526	511	20	21	-	-	-	-	20	21		
7	Ernakulam	2817	950	950	459	458	-	-	-	-	387	382		
8	Trissur	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		
	STATE	29098	12142	12599	2149	2208	-	-	-	-	1908	1958		

Table 3

Total no. 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	Corporation/ Municipality	Live Births			Deaths			Still Births	Infant Deaths	Maternal death
		Total	Male	Female	Total	Male	Female			
1	2	3	4	5	6	7	8	9	10	11
1	Attingal	1478	784	694	141	90	51	13	1	-
2	Nedumangad	1750	885	865	240	138	102	0	3	1
3	Neyyattinkara	3993	2084	1909	312	194	118	0	16	1
4	Trivandrum corpora.	31361	16620	14741	8454	4237	4217	121	537	-
5	Varkala	1790	912	878	234	136	98	11	3	-
6	Kollam	13000	6633	6367	1858	1146	712	69	185	1
7	Paravur	387	185	202	137	70	67	0	1	-
8	Punalur	3120	1596	1524	408	226	182	11	30	-
9	Pathanamthitta	2540	1272	1268	356	241	115	13	13	-
10	Thiruvalla	5206	2713	2493	961	613	348	18	56	-
11	Alappuzha	8049	4061	3998	2211	1382	829	97	179	-
12	Cherthala	2642	1333	1309	659	383	276	8	36	-
13	Kayamkulam	3176	1621	1555	372	228	144	12	10	-
14	Changanasery	2377	1212	1165	293	167	126	3	6	-
15	Kottayam	3325	1756	1569	594	382	212	0	4	-
16	Thodupuzha	4390	2208	2182	471	281	190	28	37	1
17	Angamali	2536	1294	1242	503	317	186	3	8	-
18	Eloor									
19	Kalamasserry									
20	Kochi	18034	9235	8799	5229	3363	1866	115	307	-
21	Kothamangalam	3997	1958	2039	405	228	177	38	34	1
22	Thrupunithara	2319	1123	1195	428	241	187	2	8	-
23	Chalakkudy	3926	1994	1932	425	265	160	11	29	-
24	Chavakkad	986	471	515	189	100	89	10	3	-
25	Kodungallur	4403	2315	2088	448	281	167	0	26	-
26	Thrissur	13804	6783	7021	2532	1380	1152	285	353	1
27	Chittoor-Thattamang	1718	912	806	284	164	120	2	11	-
28	Ottaplam	5733	2913	2820	636	366	270	19	60	-
29	Plakkad	10408	4937	5471	1648	1054	594	88	154	-
30	Shornur	799	420	379	270	161	109	4	7	-
31	Malappuram	4462	2281	2181	402	250	152	3	8	-
32	Manjeri	5410	2763	2647	639	396	243	76	59	1
33	Perinthalmanna	7899	4068	3831	1054	680	374	25	100	-
34	Ponnani	1904	1031	873	217	137	80	0	15	-
35	Thirur	7317	3870	3447	402	247	155	19	50	1
36	Kozhikode	29606	14169	14987	8134	4921	3213	601	909	-
37	Quilandy	1522	771	751	608	378	230	0	4	-
38	Vadakara	5855	3004	2851	545	317	228	22	31	-
39	Kannur	4472	2484	2288	547	324	223	14	56	-
40	Mattannur	1963	983	980	201	122	79	0	4	-
41	Payyannur	5416	2728	2688	529	303	226	70	32	1
42	Thalasseri	10674	5472	5202	1556	935	621	67	83	-
43	Thaliparamba	4628	2302	2326	334	228	106	51	27	-
44	Kanjangode	3288	3508	3019	520	312	191	49	54	--
45	Kasaragode	6640	1717	1684	451	299	169	77	53	-

Table 4

Total no. 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.	Districts	Births	Deaths	Still Births	Infant Deaths	Maternal Deaths
1	2	3	4	5	6	7
1	Thiruvananthapuram	40372	9381	145	562	2
2	Kollam	16507	2403	80	202	1
3	Pathanamthitta	7746	1317	31	69	-
4	Alappuzha	13876	3242	117	225	-
5	Kottayam	5702	887	3	10	-
6	Idukky	4390	471	28	37	1
7	Ernakulam	26885	6565	158	357	1
8	Trissur	23119	3594	306	411	1
9	Palakkad	18658	2838	113	232	-
10	Malappuram	26992	2714	123	232	2
11	Kozhikode	36983	9287	623	944	-
12	Wayanad					
13	Kannur	27153	3167	202	202	1
14	Kasaragode	9928	971	126	107	-
	STATE	258311	46837	2055	3590	9

Table - 5

No. of Vital events and its rates in Corporations and Municipalities - 1994

Sl. No.	Corporation/ Municipalities	Live Births		Deaths		Still Births		Infant Deaths		Maternal Deaths	
		No.	Rates	No.	Rates	No.	Rates	No.	Rate	No.	Rate
1	2	3	4	5	6	7	8	9	10	11	12
1	Trivandrum corpor.	31361	58.25	8454	15.70	121	3.86	537	17.12	-	-
2	Neyyattinkara Muni	3993	127.59	312	9.97	0	0.00	16	4.01	1	0.25
3	Nedumangad	1750	33065	240	4.61	0	0.00	3	1.71	1	0.57
4	Attingal	1478	43.86	141	4.18	13	8.80	1	0.68	-	-
5	Varkala	1790	43.87	234	5.73	11	6.15	3	1.68	-	-
6	Kollam	13000	92.53	1858	13.22	69	5.31	185	14.23	1	0.08
7	Punalur	3120	65.81	408	8.61	11	3.53	30	9.62	-	-
8	Paravur (south)	387	10.25	137	3.63	0	0.00	1	2.58	-	-
9	Pathanamthitta	2540	68.82	356	9.65	13	5.12	13	5.12	-	-
10	Thiruvalla	5206	93.26	961	17.22	18	3.46	56	10.76	-	-
11	Adoor	2480	91.14	225	11.94	8	3.22	20	8.06	-	-
12	Alappuzha	8049	45.66	2211	12.54	97	12.09	179	22.24	-	-
13	Cherthala	2642	59.62	659	14.87	8	3.03	36	13.63	-	-
14	Kayamkulam	3176	45.89	372	5.37	12	3.78	10	3.15	-	-
15	Mavelikara	3465	119.94	490	16.96	24	6.88	33	8.52	-	-
16	Chengannur	1471	56.11	257	9.80	17	11.56	8	5.44	-	-
17	Kottayam	3325	53.00	594	9.47	0	0.00	4	1.20	-	-
18	Changanachery	2377	45.18	293	5.57	3	1.26	6	2.52	-	-
19	Vaikom	1174	53.36	206	9.36	8	6.77	8	6.81	-	-
20	Palai	2692	122.48	373	16.97	31	11.38	15	5.57	-	-
21	Thodupuzha	4390	103.44	471	11.10	28	6.38	37	8.43	1	0.23
22	Kochin Corporation	18034	30.94	5229	8.97	115	6.38	308	17.02	-	-
23	Aluva	4820	195.88	389	15.81	11	2.28	23	4.77	-	-
24	Perumbavoor	2384	94.51	300	11.84	19	7.91	18	7.55	-	-
25	North Parur	3142	110.37	356	12.51	24	7.58	87	2.55	-	-
26	Muvattupuzha	3064	107.88	279	9.82	7	2.28	18	5.87	-	-
27	Angamali	2536	81.49	503	16.16	3	1.18	7	3.15	-	-
28	Kothamangalam	3997	109.87	405	11.13	38	9.51	34	8.51	1	0.25
29	Thrupunithara	2318	43.06	428	7.95	2	0.86	8	3.45	-	-
30	Kalamassery			131					-		
31	Thrissur	13804	187.74	2532	34.44	285	20.65	353	25.57	1	0.07
32	Kunnamkulam	2424	122.86	254	12.87	8	3.29	24	9.90	-	-
33	Irrinjalakuda	1543	55.16	247	8.83	7	4.52	11	7.13	-	-
34	Chalakkudy	3926	85.02	425	9.20	11	2.80	29	7.39	-	-
35	Kodungallur	4403	136.37	448	13.88			26	5.91		

Table 5 - No. of Vital events and its rates in Corporations and Municipalities - 1994 (Contd...)

Sl. No.	Corporation/ Municipalities	Live Births		Deaths		Still Births		Infant Deaths		Maternal Deaths	
		No.	Rates	No.	Rates	No.	Rates	No.	Rate	No.	Rate
1	2	3	4	5	6	7	8	9	10	11	12
36	Chavakkad	986	25.27	189	4.84	10	10.14	3	3.04		
37	Guruvayur	983	46.66	187	8.88	9	9.07	8	8.14		
38	Shornur	799	19.42	270	6.56	4	5.01	7	8.76		
39	Ottaplam	5733	104.56	636	11.60	19	3.31	60	10.47		
40	Plakkad	10408	81.58	1648	12.92	88	8.46	154	14.8		
41	Chittoor	1718	5267	284	8.71	2	1.16	11	6.40	-	-
42	Malappuram	4462	83.37	402	7.51	3	0.67	8	1.79	-	-
43	Thirur	7317	138.77	402	7.62	19	2.60	50	6.83	1	0.14
44	Manjeri	5410	71.77	639	8.48	76	14.05	59	10.91	1	0.18
45	Ponnani	1904	34.63	217	3.95	-	-	15	7.88	-	-
46	Perinthalmanna	7899	189.18	1054	2524	26	3.29	100	12.66	-	-
47	Quilandy	1522	25.31	608	10.11	-	-	4	2.63	-	-
48	Vadakara	5855	77.63	545	7.23	22	3.77	31	5.29	-	-
49	Kozhikode Corpora.	29606	69.07	8134	18.98	601	20.30	909	30.7	-	-
50	Kalpatta	2657	106.39	228	9.13	17	6.36	26	9.79	-	-
51	Kannur	4772	71.49	547	8.19	14	3.13	56	12.52	-	-
52	Thalassery	10674	135.44	1556	19.74	67	6.28	83	7.78	-	-
53	Payyannur	5416	79.91	529	7.80	70	12.92	32	5.91	1	0.18
54	Koothuparamba	1787	58.65	251	8.24	0	0	9	5.04	-	-
55	Thaliparamba	4624	116.14	334	8.38	51	11.02	27	5.83	-	-
56	Matannur	1963	44.87	201	4.60	0	0.00	4	2.04	-	-
57	Kanjangode	3288	53.56	520	8.47	45	14.90	54	16.42	-	-
58	Kasaragode	6640	126.0	451	8.56	77	11.60	53	7.98	-	-

Table - 6

Live Birth by type of attention at delivery 1994 - Rural and Urban

Sl.No.	Districts	Total	Urban Towns with population											
			Rural					Above 30,000						
			Domiciliary					Below 30,000		Above 30,000				
	Institutional	Physician/Nurs & Trained Midwife	Un-qualified Midwife	Others	Institutional	Physician/Nurs & Trained Midwife	Un-qualified Midwife	Others	Institutional	Physician/Nurs & Trained Midwife	Un-qualified Midwife	Others		
1.	Trivandrum	51515	11001	60	79	3	8	9	10	11	12	13	14	15
2.	Kollam	38478	21679	82	190	20	-	-	-	-	40259	78	28	2
3.	Pathanamthitta	19513	8978	154	134	21	-	-	-	-	16415	74	18	-
4.	Alappuzha	26590	7469	176	145	6	2473	4	3	-	7731	12	3	-
5.	Kottayam	31310	21691	25	26	-	4911	12	4	-	13829	36	11	--
6.	Idukky	15173	10252	19	510	2	3862	4	-	-	5694	8	-	-
7.	Ermakulam	47769	7442	18	14	-	-	-	-	-	4372	13	5	-
8.	Trissur	51227	22663	88	402	5	13394	13	3	-	26852	22	11	-
9.	Palakkad	45126	21241	2566	2650	11	4937	8	5	-	23054	14	15	-
10.	Malappuram	76607	35878	904	12781	52	-	-	-	-	18592	31	35	-
11.	Kozhikode	54117	15886	262	986	-	-	-	-	-	25986	242	764	-
12.	Wayanad	12254	5826	2037	934	800	2312	200	-	-	36850	94	39	-
13.	Kannur	42915	10010	296	930	-	4194	14	18	-	-	-	-	-
14.	Kasaragode	20615	8535	522	1430	200	-	-	-	-	27118	24	11	-
	STATE	533209	208551	7209	21211	1120	36083	255	178	-	256767	678	958	2

-Table - 7

Live Birth according to order of Birth and Literacy of Mother for the state - Rural 1994

Order of Birth	Level of Literacy					Total
	Illiterate	Below Matriculation	Matriculation/Higher Secondary	Graduation and above	Not reported	
1	2	3	4	5	6	7
1	1730	47243	45844	7337	116	102270
2	1920	42181	34490	4609	96	83296
3	1308	20887	9638	568	74	32475
4	612	8513	1783	64	34	11006
5	287	3779	411	15	9	4501
6	181	1886	128	4	2	2201
7	130	883	47	2	3	1065
8	97	468	18	1	3	587
9	71	381	12	-	3	467
10	33	98	7	-	-	138
11 & above	9	53	7	1	-	70
N.R	2	4	2	1	6	15
Total	6380	126376	92387	12602	346	238091

Table - 8

Live Birth according to order of Birth and Literacy of Mother for the state - Urban 1994

Order of Birth	Level of Literacy					Total
	Illiterate	Below Matriculation	Matriculation/Higher Secondary	Graduation and above	Not reported	
1	2	3	4	5	6	7
1	1185	58904	70346	13401	61	143897
2	1016	47136	49357	8286	37	105832
3	527	17000	12591	1296	18	31432
4	274	5753	2574	185	9	8795
5	114	2191	664	40	2	3011
6	45	818	237	6	4	1110
7	13	402	70	5	2	492
8	7	237	39	2	1	286
9	10	151	21	1	-	183
10	5	38	14	2	-	59
11 & above	-	18	1	1	-	20
N.R	-	-	1	-	-	1
Total	3196	132648	135915	23225	134	295118

Table - 9

*Live Birth according to order of Birth and Literacy of Mother for the state
Rural & Urban 1994*

Order of Birth	Level of Literacy					Total
	Illiterate	Below Matriculation	Matriculation/Higher Secondary	Graduation and above	Not reported	
1	2	3	4	5	6	7
1	2915	106147	116190	20738	177	246167
2	2936	89317	83847	12895	133	189128
3	1835	37887	22229	1864	92	63907
4	886	14266	4357	249	43	19801
5	401	5970	1057	55	11	7512
6	226	2704	365	10	6	3311
7	143	1285	117	7	5	1557
8	104	705	57	3	4	873
9	81	532	33	1	3	650
10	38	136	21	2		197
11 & above	9	71	8	2		90
N.R	2	4	3	1	6	16
STATE	9576	259024	228302	35827	480	533209

Table - 10

Live Birth according to order of Birth and Literacy of Father for the state - Rural 1994

Order of Birth	Level of Literacy					Total
	Illiterate	Below Matriculation	Matriculation/Higher Secondary	Graduation and above	Not reported	
1	2	3	4	5	6	7
1	1678	52118	41757	6605	112	102270
2	1764	45326	31993	4122	89	83296
3	1166	21636	8950	671	52	32475
4	546	8526	1792	117	25	11006
5	226	3719	480	30	6	4501
6	176	1840	168	16	1	2201
7	126	869	67	2	1	1065
8	81	472	32	-	2	587
9	60	390	16	-	1	467
10	26	104	7	1	-	138
11 & above	14	48	7	1	-	70
N.R	03	6	1	1	4	15
Total	5906	135056	85270	11566	293	238091

Table - 11*Live Birth according to order of Birth and Literacy of Father for the state - Urban 1994*

Order of Birth	Level of Literacy					Total
	Illiterate	Below Matriculation	Matriculation/Higher Secondary	Graduation and above	Not reported	
1	2	3	4	5	6	7
1	1105	52804	75221	14703	64	143897
2	993	42440	52555	8784	60	105832
3	558	16630	13028	1183	33	31432
4	282	5916	2448	141	8	8795
5	146	2254	568	34	9	3011
6	57	824	218	8	3	1110
7	37	389	62	2	2	492
8	27	220	28	2	9	286
9	16	135	23	-	9	183
10	6	39	13	1	-	59
11 & above	2	13	5	-	-	20
N.R	-	-	-	1	-	1
Total	3229	122664	144169	24859	197	295118

Table - 12*Live Birth according to order of Birth and Literacy of Father for the state Rural & Urban 1994*

Order of Birth	Level of Literacy					Total
	Illiterate	Below Matriculation	Matriculation/Higher Secondary	Graduation and above	Not reported	
1	2	3	4	5	6	7
1	2783	104922	116978	21308	176	246167
2	2757	88768	84548	12906	149	189128
3	1724	38266	21978	1854	85	63907
4	828	14442	4240	258	33	19801
5	372	5973	1048	64	15	7512
6	233	2664	386	24	4	3311
7	163	1258	129	4	3	1557
8	108	692	60	2	11	873
9	66	525	39	-	10	650
10	32	143	20	2	-	197
11 & above	16	61	12	1	-	90
N.R	3	6	1	2	4	16
STATE	9135	257720	229439	36425	490	533209

Table - 13

Live Birth according to order of Birth and occupation of Father for the state - Rural 1994

Order of Birth	Professional, Technical & related workers	Administrative and Managerial workers	Clerical workers	Sales workers	Service workers	Farmers, Fishers, Hunters, Loggers and related	Production, Transport, equipment labors	Others whose occupation is not elsewhere classified	Non Workers	Total
	2	3	4	5	6	7	8	9	10	11
1	3351	647	3132	9469	2478	8085	68766	3237	3105	102270
2	2157	418	2102	7369	1927	6523	57964	2621	2215	83296
3	642	89	357	2691	787	1975	24088	1043	807	32475
4	215	25	31	1107	341	557	8096	350	286	11006
5	111	4	16	494	179	219	3185	165	128	4501
6	75	1	5	223	64	123	1577	77	56	2201
7	33	2	2	100	33	51	765	54	25	1065
8	18	-	1	81	15	38	390	26	18	587
9	18	3	2	34	2	20	346	30	12	467
10	5	-	-	16	2	8	90	12	5	138
11 & above	2	-	-	6	-	7	42	5	8	70
N.R.	-	-	-	-	-	-	7	8	-	15
STATE	6625	1189	5648	21590	5828	17606	165316	7628	6661	238091

Table - 14

Live Birth according to order of Birth and occupation of Father for the state - Urban 1994

Order of Birth	Professional, Technical & related workers	Administrative and Managerial workers	Clerical workers	Sales workers	Service workers	Farmers, Fishers, Hunters, Loggers and related	Production, Transport, equipment labors	Others whose occupation is not elsewhere classified	Non Workers	Total
1	2	3	4	5	6	7	8	9	10	11
1	4283	2206	4447	15040	2965	9264	100821	2284	2587	143897
2	2556	1486	2882	10653	1959	6943	75322	2109	1920	105832
3	586	254	491	3610	450	1589	23287	584	581	31432
4	89	34	98	1202	168	514	6433	115	142	8795
5	46	8	27	444	32	160	2170	45	79	3011
6	17	1	6	157	17	64	807	19	22	1110
7	8	-	2	71	1	31	361	6	12	492
8	2	-	-	48	6	18	198	2	12	286
9	1	-	1	23	-	11	128	13	6	183
10	4	-	-	7	-	1	41	2	4	59
11 & above	-	-	1	6	1	-	10	1	1	20
N.R.	-	-	-	-	-	-	-	1	-	1
STATE	7594	3989	7955	31261	5599	18595	209578	5181	5366	295118

Table - 15

Live Birth according to order of Birth and occupation of Father for the state - Rural & Urban 1994

Order of Birth	Professional, Technical & related workers	Administrative and Managerial workers	Clerical workers	Sales workers	Service workers	Farmers, Fishers, Hunters, Loggers and related	Production, Transport, equipment labors	Others whose occupation is not elsewhere classified	Non Workers	Total
1	2	3	4	5	6	7	8	9	10	11
1	7634	2853	7579	24509	5443	17349	169587	5521	5692	246167
2	4713	1904	4984	18022	3886	13466	133286	4730	4135	189128
3	1228	343	848	6301	1237	3564	47375	1627	1384	63907
4	304	59	129	2309	509	1071	14529	465	428	19801
5	157	12	43	938	211	379	5355	210	207	7512
6	92	2	11	380	81	187	2384	96	78	3311
7	41	2	4	171	34	82	1126	60	37	1557
8	20	-	1	129	21	56	588	28	30	873
9	19	3	3	57	2	31	474	43	18	650
10	9	-	-	23	2	9	131	14	9	197
11 & above	2	-	1	12	1	7	52	6	9	90
N.R	-	-	-	-	-	--	7	9	-	16
STATE	14219	5178	13603	52851	11427	36201	374894	12809	12027	533209

Table - 16

Live Birth according to age of Mother for the state - Rural 1994

Order of Birth	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	5	21364	55968	21252	3016	565	67	19	14	102270
2	-	2264	39992	31888	7939	1119	82	12	-	83296
3	-	227	10504	15342	5192	1120	78	12	-	32475
4	-	52	1623	5530	2726	971	97	7	-	11006
5	-	-	240	1699	1577	876	87	17	5	4501
6	-	-	44	459	882	680	106	29	1	2201
7	-	-	18	98	375	460	101	13	-	1065
8	-	-	1	28	138	318	81	20	1	587
9	-	-	-	14	59	246	115	30	3	467
10	-	-	-	9	16	72	31	10	-	138
11 & above	-	-	-	1	3	25	27	14	-	70
N.R	-	-	5	4	-	3	1	-	2	15
Total	5	23907	108395	76324	21923	6455	873	183	26	238091

Table - 17

Live Birth according to age of Mother for the state - Urban 1994

Order of Birth	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	16	22925	75683	38192	5903	1071	88	17	2-	143897
2	-	1887	42922	45404	13465	2024	123	7	1	105832
3	-	154	9277	14614	5958	1325	88	15	37	31432
4	-	15	1590	4205	2239	648	56	5		8795
5	-		226	1203	1087	443	45	7		3011
6	-	-	29	274	448	313	43	3		1110
7	-	-	2	62	176	203	42	7		492
8	-	-	-	19	80	143	36	8		286
9	-	-	-	14	35	95	30	9		183
10	-	-	-	1	3	24	23	8		59
11 & above	-	-	-	-	2	5	10	3		20
N.R.	-	-	-	-	-	1	-	-		1
Total	16	24981	129729	103988	29396	6295	584	89	40	295118

Table - 18

Live Birth according to age of Mother for the state - Rural & Urban 1994

Order of Birth	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	21	44289	131651	59444	8919	1636	155	36	16	246167
2	-	4151	82914	77292	21404	3143	202	19	-	189128
3	-	381	19781	29956	11150	2445	166	27	1	163907
4	-	67	3213	9735	4965	1619	153	12	37	19801
5	-	-	466	2902	2664	1319	132	24	5	7512
6	-	-	73	733	1330	993	149	32	1	3311
7	-	-	20	160	551	663	143	20	-	1557
8	-	-	1	47	218	461	117	28	1	873
9	-	-	-	28	94	341	145	39	3	650
10	-	-	-	10	19	96	54	18	-	197
11 & above	-	-	-	1	5	30	37	17	-	90
N.R	-	-	5	4	-	4	1	-	2	16
Total	21	48888	238124	180312	51319	12750	1457	272	66	533209

Table - 19

Live Birth by age of Mother in Municipalities and Corporations - Kerala 1994

Sl. No.	Municipalities/ Corporations	<15	15-19	20-24	25-29	30-34	35-39	40-44	>=45	N.R	Total
1	2	3	4	5	6	7	8	9	10	11	12
1	Trivandrum corpor.	0	1460	13101	13463	2754	540	39	4	0	31361
2	Neyyattinkara Mun	0	263	1983	1412	281	48	6	0	0	3993
3	Nedumangad	0	149	959	505	117	18	2	0	0	1750
4	Attingal	0	112	717	488	145	16	0	0	0	1478
5	Varkala	0	176	927	530	133	23	1	0	0	1790
6	Kollam	0	781	6446	4552	1037	170	14	0	0	13000
7	Punalur	0	135	1493	1343	102	46	1	0	0	3120
8	Paravur	0	34	203	118	25	7	0	0	0	387
9	Pathanamthitta	0	102	1050	1042	301	41	3	1	0	2540
10	Thiruvalla	0	75	2012	2196	809	114	4	0	0	5206
11	Adoor	0	100	1201	936	203	39	1	0	0	2480
12	Alappuzha	0	308	3494	3130	959	146	11	1	0	8049
13	Cherthala	0	50	1127	1067	342	53	3	0	0	2642
14	Kayamkulam	0	161	1621	1083	280	31	0	0	0	3176
15	Mavelikara	0	114	1539	1381	381	47	0	0	0	3465
16	Chengannur	0	28	584	622	211	23	3	0	0	1471
17	Kottayam	0	45	1156	1490	532	97	5	0	0	3325
18	Changanachery	0	80	1053	931	271	41	1	0	0	2377
19	Vaikom	0	18	454	539	142	21	0	0	0	1174
20	Palai	0	61	764	1261	473	120	13	0	0	2692
21	Thodupuzha	0	80	1420	1854	825	192	15	4	0	4390
22	Kochin Corporati	0	425	6927	7639	2588	428	22	5	0	18034
23	Aluva	0	120	1861	2267	501	69	1	1	0	4820
24	Perumbavoor	0	55	928	1061	294	44	2	0	0	2384
25	North Parur	0	96	1396	1245	332	71	1	1	0	3142
26	Muvattupuzha	1	168	1598	978	286	28	4	1	0	3064
27	Angamali	0	9	968	1190	328	36	5	0	0	2536
28	Kothamangalam	1	82	1442	1876	484	103	9	0	0	3997
29	Thrupunithara	0	13	758	1110	370	66	1	0	0	2318
30	Kalamassery										
31	Thrissur	0	712	6153	5092	1549	271	24	3	0	13804
32	Kunnamkulam	0	208	1249	764	168	30	3	2	0	2424
33	Irrinjalakuda	0	55	715	599	148	24	2	0	0	1543
34	Chalakkudy	0	63	1684	1690	428	52	4	0	0	3926
35	Kodungallur	0	215	2039	1390	696	52	7	4	0	4403
36	Chavakkad	0	84	435	367	81	17	2	0	0	986
37	Guruvayur	0	102	448	301	114	18	0	0	0	983
38	Shornur	0	56	411	226	87	16	3	0	0	799
39	Ottaplam	1	962	2599	1601	465	93	10	2	0	5733
40	Plakkad	1	876	4956	3608	762	167	26	12	0	10408

Table 19 - Live Birth by age of Mother in Municipalities and Corporations - Kerala
1994

Sl. No.	Municipalities/ Corporations	<15	15-19	20-24	25-29	30-34	35-39	40-44	>=45	N.R	Total
1	2	3	4	5	6	7	8	9	10	11	12
41	Chittoor	0	137	795	612	138	29	7	0	0	1718
42	Malappuram	3	1328	1662	911	351	165	33	9	0	4462
43	Thirur	2	1247	2858	2089	767	311	34	9	0	7317
44	Manjeri	0	1212	2193	1340	453	195	17	0	0	5410
45	Ponnani	0	356	869	443	157	71	7	1	0	1904
46	Perinthalmanna	2	2125	3189	1751	559	237	32	4	0	7899
47	Quilandy	0	223	824	384	83	7	1	0	0	1522
48	Vadakara	0	1069	2900	1348	412	113	12	1	0	5855
49	Kozhikode Corpor	4	3905	1434	8256	2435	581	73	8	0	29606
50	Kalpatta	0	210	1268	941	172	52	10	4	0	2657
51	Kannur	0	554	2088	1449	517	145	17	2	0	4772
52	Thalassery	1	1270	4786	3196	1104	281	32	4	0	10674
53	Payyannur	1	574	2721	1595	407	104	14	0	0	5416
54	Koothuparamba	0	191	924	489	132	46	4	1	0	1787
55	Thaliparamba	0	428	2230	1419	400	136	13	2	0	4628
56	Matannur	0	180	954	631	149	45	3	1	0	1963
57	Kanjangode	0	318	1178	1412	258	111	10	1	0	3288
58	Kasaragode	0	615	2406	2876	504	200	32	7	0	6640

Table - 20

Live Birth by religion in Municipalities and Corporations of Kerala - 1994

Sl.No.	Municipality/ Corporation	Hindu	Muslim	Christian	Others	Total
1	2	3	4	5	6	7
1	Trivandrum corpor.	22513	5179	3636	33	31361
2	Neyyattinkara Mun	2359	164	1469	1	3993
3	Nedumangad	1215	313	222	0	1750
4	Attingal	1022	445	11	0	1478
5	Varkala	1290	464	36	0	1790
6	Kollam	8197	2678	2123	2	13000
7	Punalur	1978	552	590	0	3120
8	Paravur	345	36	6	0	387
9	Pathanamthitta	1540	178	821	1	2540
10	Thiruvalla	2161	150	2895	0	5206
11	Adoor	1620	178	681	1	2480
12	Alappuzha	5267	915	1863	4	8049
13	Cherthala	1967	179	496	0	2642
14	Kayamkulam	2324	582	270	0	3176
15	Mavelikara	2659	127	678	1	3465
16	Chengannur	919	59	492	1	1471
17	Kottayam	1699	172	1454	0	3325
18	Changanachery	1339	205	830	3	2377
19	Vaikom	1021	44	109	0	1174
20	Palai	1114	105	1472	1	2692
21	Thodupuzha	1672	737	1980	1	4390
22	Kochin Corporati	7890	3515	6614	15	18034
23	Aluva	2234	1725	861	0	4820
24	Perumbavoor	1136	571	676	1	2384
25	North Parur	2133	481	526	2	3142
26	Muvattupuzha	1884	394	786	0	3064
27	Angamali	647	44	1844	1	2536
28	Kothamangalam	1321	763	1911	2	3997
29	Thrupunithara	1701	83	534	0	2318
30	Kalamassery					
31	Thrissur	8135	1278	4371	20	13804
32	Kunnamkulam	1507	715	202	0	2424
33	Irrinjalakuda	1220	83	239	1	1543
34	Chalakkudy	1886	174	1861	5	3943
35	Kodungallur	2841	1340	219	3	4403

Table 20 - Live Birth by religion in Municipalities and Corporations of Kerala - 1994
(Contd...)

Sl.No.	Municipality/ Corporation	Hindu	Muslim	Christian	Others	Total
1	2	3	4	5	6	7
36	Chavakkad	370	604	12	0	986
37	Guruvayur	551	381	50	1	983
38	Shornur	657	130	9	3	799
39	Ottaplam	3692	1958	72	11	5733
40	Plakkad	8062	2000	344	2	10408
41	Chittoor	1483	203	28	4	1718
42	Malappuram	696	3738	22	6	4462
43	Thirur	1925	5296	88	8	7317
44	Manjeri	1617	3679	110	4	5410
45	Ponnani	540	1360	4	0	1904
46	Perinthalmanna	2362	5342	194	1	7899
47	Quilandy	966	554	2	0	1522
48	Vadakara	3203	2621	31	0	5855
49	Kozhikode Corpor	16376	12533	682	15	29606
50	Kalpatta	1037	1029	591	0	2657
51	Kannur	2184	2496	92	0	4772
52	Thalassery	6182	4316	176	0	10674
53	Payyannur	3779	1232	404	1	5416
54	Koothuparamba	945	555	285	2	1787
55	Thaliparamba	2005	1531	1092	0	4628
56	Matannur	1029	631	303	0	1963
57	Kanjanode	2082	1116	187	0	3288
58	Kasaragode	3988	2150	405	0	6640

Table - 21

Live Birth by religion in Municipalities and Corporations of Kerala - 1994

District	Rural/ Urban/ Total	Total Births	Hindu	Muslim	Christian	Others
1	2	3	4	5	6	7
Thiruvananthapuram	Rural	11143	6757	1931	2431	24
	Urban	40372	28399	6565	5374	34
	Total	51515	35156	8496	7805	58
Kollam	Rural	21971	13220	4575	4165	11
	Urban	16507	10520	3266	2719	2
	Total	38478	23740	7841	6884	13
Pathanamthitta	Rural	9287	4463	324	4485	15
	Urban	10226	5321	506	4397	2
	Total	19513	9784	830	8882	17
Alappuzha	Rural	7796	5408	653	1729	6
	Urban	18794	13127	1862	3799	6
	Total	26590	18535	2515	5528	12
Kottayam	Rural	21742	9663	1208	10852	19
	Urban	9568	5173	526	3865	4
	Total	31310	14836	1734	14717	23
Idukki	Rural	10783	6318	609	3853	3
	Urban	4390	1672	737	1980	1
	Total	15173	7990	1346	5833	4
Ernakulam	Rural	7474	3218	402	3848	6
	Urban	40295	18482	7926	13866	21
	Total	47769	21700	8328	17714	27
Thrissur	Rural	23158	12895	5493	4758	12
	Urban	28069	16510	4575	6954	30
	Total	51227	29405	10068	11712	42
Palakkad	Rural	26468	15365	10268	823	25
	Urban	18658	13894	4291	453	20
	Total	45126	29259	14546	1276	45
Malappuram	Rural	49615	9207	39557	838	13
	Urban	26992	7140	19415	418	19
	Total	76607	16347	58972	1256	32
Kozhikode	Rural	17134	6337	9672	1122	3
	Urban	36983	20459	15759	750	15
	Total	54117	26796	25431	1872	18
Wayanad	Rural	9597	4179	2601	2817	-
	Urban	2657	1037	1029	591	-
	Total	12254	5216	3630	3408	-
Kannur	Rural	11236	4976	4558	1699	3
	Urban	31679	17246	12029	2401	3
	Total	42915	22222	16587	4100	6
Kasaragod	Rural	10687	4573	5686	428	-
	Urban	9928	6070	3266	592	-
	Total	20615	10643	8952	1020	-
STATE	Rural	238091	106579	87524	43848	140
	Urban	295118	165050	81752	48159	157
	Total	533209	271629	169276	92007	297

Table - 22*Month wise distribution of Live Births in Kerala - 1994 (Rural/Urban)*

Sl. No.	Month	Rural	Urban	Total
1	2	3	4	5
1	January	19918	23207	43125
2	February	19075	22705	41780
3	March	19381	27663	47044
4	April	19085	22166	41251
5	May	20741	24762	45503
6	June	20076	24649	44725
7	July	20563	25453	46016
8	August	20026	24486	44512
9	September	19804	24974	44778
10	October	20129	24505	44634
11	November	19913	25058	44971
12	December	19380	25490	44870
	STATE	23891	295118	533209

Table - 23

Sex - Ratio of Live Births in Kerala (District wise) - 1994

District	Rural/ Urban/ Total	Male	Female	Sex-Ratio
1	2	3	4	5
Thiruvananthapuram	Rural	5672	5471	965
	Urban	21285	19087	897
	Total	26957	24558	911
Kollam	Rural	11197	10774	962
	Urban	8414	8093	962
	Total	19611	18867	962
Pathanamthitta	Rural	4692	4595	979
	Urban	5294	4932	932
	Total	9986	9527	954
Alappuzha	Rural	4124	3672	890
	Urban	9459	9335	987
	Total	13583	13007	958
Kottayam	Rural	10683	11059	1035
	Urban	4999	4528	914
	Total	15682	15628	997
Idukki	Rural	5997	4786	798
	Urban	2208	2182	988
	Total	8205	6968	849
Ernakulam	Rural	3678	3796	1032
	Urban	20372	19923	978
	Total	24050	23719	986
Thrissur	Rural	12084	11074	916
	Urban	14131	13938	986
	Total	26215	25012	954
Palakkad	Rural	14428	12040	834
	Urban	9182	9476	1032
	Total	23610	21516	911
Malappuram	Rural	25562	24053	941
	Urban	14013	12979	926
	Total	39575	37032	936
Kozhikode	Rural	9078	8056	887
	Urban	18394	18589	1011
	Total	27472	26645	970
Wayanad	Rural	4906	4691	956
	Urban	1338	1319	986
	Total	6244	6010	963
Kannur	Rural	5908	5328	906
	Urban	16143	15536	902
	Total	22051	20864	962
Kasaragod	Rural	5379	5308	946
	Urban	5225	4703	987
	Total	10604	10011	900
STATE	Rural	123388	114703	930
	Urban	150457	144661	961
	Total	273845	259364	947

Table - 24*Month wise distribution of Deaths in Kerala - 1994 (Rural/Urban)*

Sl. No.	Month	Rural	Urban	Total
1	2	3	4	5
1	January	9249	4376	13625
2	February	8864	4104	12968
3	March	8865	4230	13095
4	April	8600	4123	12723
5	May	8540	4102	12642
6	June	9344	4298	13642
7	July	10657	4706	15363
8	August	10981	4546	15527
9	September	10160	4372	14532
10	October	9068	4179	13247
11	November	8659	4037	12696
12	December	9227	4424	13651
	STATE	112214	51497	163711

Table - 25*Deaths by Age and Sex in Kerala - 1994*

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	927	757	1684	2167	1700	3867	3094	2457	5551
2	1 to 4 years	233	236	469	259	269	528	492	505	997
3	5 to 14 years	482	376	858	314	267	581	796	643	1439
4	15 to 24 years	1278	955	2233	739	621	1360	2017	1576	3593
5	25 to 34 years	2584	1449	4033	1617	1082	2699	4201	2531	6732
6	35 to 44 years	3740	1556	5296	2287	1050	3337	6027	2606	8633
7	45 to 54 years	6808	2669	9475	3894	1766	5660	10700	4435	15135
8	55 to 64 years	10620	5514	16134	4977	2731	7708	15597	8245	23842
9	65 and above	37561	32866	70427	14187	11311	25498	51748	44177	95925
10	Not Reported	770	835	1605	60	199	259	830	1034	1864
	Total	65001	47213	112214	30501	20996	51497	95502	68209	13711

Table - 26

Death by religion in Municipalities and Corporations of Kerala - 1994

District	Rural/ Urban/ Total	Hindu	Muslim	Christian	Others	Total
1	2	3	4	5	6	7
Thiruvananthapuram	Rural	6228	629	1796	76	8729
	Urban	7114	962	1302	3	9381
	Total	13342	1591	3098	79	18110
Kollam	Rural	6801	988	1503	5	9297
	Urban	1650	334	414	5	2403
	Total	8451	1322	1917	10	11700
Pathanamthitta	Rural	3129	118	2619	11	5877
	Urban	767	85	790		1642
	Total	3896	203	3409	11	7519
Alappuzha	Rural	5957	361	1616	25	7559
	Urban	2885	364	733	7	3989
	Total	8842	725	2349	32	11948
Kottayam	Rural	4800	492	4557	14	9863
	Urban	751	63	646	6	1466
	Total	5551	555	5203	20	11329
Idukki	Rural	2158	125	1656	10	3949
	Urban	215	66	190		471
	Total	2373	191	1840	10	4420
Ernakulam	Rural	4078	536	3267	8	7889
	Urban	4321	926	2703	70	8020
	Total	8399	1462	5970	78	15909
Thrissur	Rural	8642	1369	2918	14	12943
	Urban	2700	584	994	4	4282
	Total	11342	1953	3912	18	17225
Palakkad	Rural	9511	1799	385	14	11709
	Urban	2315	439	83	1	2838
	Total	11826	2238	468	15	14547
Malappuram	Rural	4219	5642	252	5	10118
	Urban	1027	1635	51	1	2714
	Total	5246	7277	303	6	12832
Kozhikode	Rural	5468	2507	327	6	8308
	Urban	5628	3241	414	4	9287
	Total	11096	5748	741	10	17595
Wayanad	Rural	1583	607	681	4	2875
	Urban	109	78	41	-	228
	Total	1692	685	722	4	3103
Kannur	Rural	5527	1778	1325	1	8631
	Urban	2618	1034	153	-	3805
	Total	8145	2812	1478	1	12436
Kasaragod	Rural	2611	1263	193	-	4067
	Urban	573	358	40	-	971
	Total	3184	1621	233	-	5038
STATE	Rural	70712	18214	23095	193	112214
	Urban	32673	10169	8554	101	51497
	Total	103385	28383	31649	294	163711

Table - 27

Distribution of Death due to Some Special Diseases in Kerala - 1994

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	22	11	33	9	4	13	31	15	46
2	Typhoid and para typhoid	002	67	75	142	76	68	144	143	143	286
3	Food Poisoning	003	92	39	131	31	16	47	123	55	178
4	Dysentery, Diarrhoea & Gastro enteritis	004, 006, 009	634	563	1197	298	360	658	932	923	1855
5	Tuberculosis	010, 018	1503	627	2130	535	289	824	2038	916	2954
6	Leprosy	030	118	61	179	46	29	75	164	90	254
7	Diphtheria	032	8	4	12	1	2	3	9	6	15
8	Whooping Cough	033	60	8	68	10	2	12	70	10	80
9	Tetanus	037	23	12	35	13	12	25	36	24	60
10	Polio Myelitis	045	18	8	26	13	14	27	31	22	53
11	Measles	055	7	4	11	8	2	10	15	6	21
12	Rabies	071	37	30	67	11	5	16	48	35	83
13	Malaria	084	10	14	24	3	6	9	13	20	33
14	Cancer	140-199, 200-229, 230-239	4245	2567	6812	1122	1764	2886	5367	4331	9698
15	Diabetes Mellitus	250	1010	805	1815	364	240	604	1374	1045	2419
16	Anemia	280-285	78	114	192	22	24	46	100	138	238
17	Meningitis	320-322 402	257	174	431	31	16	47	288	190	478
18	Heart Diseases and Heart Attack	410-444	14361	7780	22141	8484	5291	13775	22845	13071	35916
19	Pneumonia	480-486	183	99	282	196	149	345	379	248	627
20	Influenza	487	1209	1321	2530	194	188	382	1403	1509	2912

Table 27 - Distribution of Death due to Some Special Diseases in Kerala - 1994 (Contd....)

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
21	Bronchitis & Asthma (Respiratory Diseases)	490-493	5823	4090	9913	2139	1407	3546	7962	5497	13459
22	Jaundice	782-784	345	201	546	121	58	179	466	259	725
23	Chronic Liver Diseases & Cirrhoses	571	1258	752	2010	376	226	602	1634	978	2612
24	Ulcer of Stomach & Duodenum (Stomach Complaint)	531-878	878	653	1531	122	68	190	1000	721	1721
25	Appendicitis	540-543	25	11	36	5	2	7	30	13	43
26	Syphilis and other diseases of Genitourinary system	580-629	5	-	5	3	1	4	8	1	9
27	Abortions	630-639	-	4	4	-	4	4	-	8	3
28	Complication related to Pregnancy and Child Birth	640-648 651-676	-	20	20	-	10	10	-	30	30
29	Certain conditions such as birth injuries, slow growth of fuctus and prematurely originating imperinatel period	760-779	309	128	437	617	564	1181	926	692	1618
30	Cerebra vascular (Paralysis)	430-438	3615	3616	7231	1279	1276	2555	4894	4894	9786
31	Senility	797	6278	4192	10470	2686	1921	4606	8964	6113	15077
32	Others (Not elsewhere classified)	-	17648	16688	34336	9779	6063	15842	27427	22751	50178

Table 27 - Distribution of Death due to Some Special Diseases in Kerala - 1994 (Contd....)

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
External Causes											
33	Bites and stings of venomous animal	-	375	36	411	55	42	97	430	78	508
34	Accidental Burns	E-890-99	74	61	135	32	60	92	106	121	227
35	Falls and Browning	E-880-88	438	288	726	113	26	139	551	314	865
36	Accidental Poisoning	E-910	366	121	487	140	55	195	506	176	682
37	Transport(Traffic) accidents involving Railway, Riads,Air craft, Motor vehicles other vehicles, Animal bey ridden or drowning vehicles	E-910	506	177	683	705	284	989	1211	461	1672
38	Other accidents not elsewhere classified	E-910	263	93	356	23	8	31	286	101	387
39	Suicide	-	2689	1680	4369	802	413	1215	3491	2093	5584
40	Homicide	-	164	86	250	37	27	64	201	113	314
	Total	-	65001	47213	112214	30501	20996	51497	95502	68209	163711

Table - 28

Infant Death by Sex in Kerala (District wise) - 1994

District	Rural/ Urban/ Total	Male	Female	Total
1	2	3	4	5
Thiruvananthapuram	Rural	25	20	45
	Urban	291	271	562
	Total	316	291	607
Kollam	Rural	80	58	138
	Urban	116	86	202
	Total	196	144	340
Pathanamthitta	Rural	25	14	39
	Urban	55	34	89
	Total	80	48	128
Alappuzha	Rural	28	16	44
	Urban	144	122	266
	Total	172	138	310
Kottayam	Rural	154	119	273
	Urban	25	8	33
	Total	179	127	306
Idukki	Rural	46	42	88
	Urban	19	18	37
	Total	65	60	125
Ernakulam	Rural	46	53	99
	Urban	251	173	424
	Total	297	226	523
Thrissur	Rural	134	89	223
	Urban	250	204	454
	Total	384	293	677
Palakkad	Rural	89	102	191
	Urban	146	86	232
	Total	235	188	423
Malappuram	Rural	100	84	184
	Urban	134	98	232
	Total	234	182	416
Kozhikode	Rural	27	19	46
	Urban	519	425	944
	Total	546	444	990
Wayanad	Rural	64	51	115
	Urban	16	10	26
	Total	80	61	141
Kannur	Rural	72	56	128
	Urban	142	117	259
	Total	214	173	387
Kasaragod	Rural	37	34	71
	Urban	59	48	107
	Total	96	82	178
STATE	Rural	927	757	1684
	Urban	2136	1700	3867
	Total	3094	2457	5551

Table - 29*Infant Death by Age and Sex in Kerala - 1994*

Sl. No.	Age	Rural			Urban			Total		
		M	F	Total	M	F	Total	M	F	Total
1	2	3	4	5	6	7	8	9	10	11
1	Below 1 week	602	484	1086	1728	1360	3088	2330	1844	4174
2	1 week to 1 month	142	112	254	211	185	396	353	297	650
3	1 to 3 months	54	45	99	96	78	174	150	123	273
4	3 to 6 months	60	55	115	61	37	98	121	92	213
5	6 to 12 months	69	61	130	71	40	111	140	101	241
	Total	927	757	1684	2167	1700	3867	3094	2457	5551

Table - 30*Maternal Deaths in Kerala by Age at Death - 1994*

Sl. No.	Age at Death	Rural	Urban		Total for all areas
			Town with population 30,000 and above	All other urban Areas	
1	2	3	4	5	6
1	Below 15 years	-	-	-	-
2	15 - 19	-	-	-	-
3	20 - 24	2	1	-	3
4	25 - 29	3	2	-	5
5	30 - 34	5	2	1	8
6	35 - 39	6	3	-	9
7	40 - 44	2	-	-	2
8	45 and above	-	-	-	-
9	Not Reported	2	1	-	3
	Total	20	9	1	30

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