



GOVERNMENT OF KERALA

VITAL
STATISTICS
BULLETIN

No. 50-1986

DEPARTMENT OF ECONOMICS & STATISTICS
THIRUVANANTHAPURAM

1991

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1990.

P R E F A C E

This bulletin presents the vital statistics of the state for the calendar year 1986. The data relating to vital events received from the registering authorities are processed and vital rates estimated.

This bulletin has been prepared by the vital statistics units of this Directorate.

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Thiruvananthapuram,
18. 9. 1990.**

L I S T O F T A B L E S

Particulars

Table No.	<u>Particulars</u>	Page No.
1.	Total number of live births, deaths, still births, infant deaths and maternal deaths and thier rates.	4-7
2.	1981 census population of districts - rural, urban and sex-wise.	8
3.	Total number of live births, deaths, still births, infant deaths, and maternal deaths, in Corporations and Municipalities having a population of 30,000 and above.	9-10
4.	Total number of births, deaths, still births, infant deaths and maternal deaths in Corporations and Municipalities having population of 30,000 and above - district-wise.	11
5.	Births, deaths, still births, infant deaths, and maternal deaths and thier rates in Corporations and Municipalities.	12-13
6.	Live births by type of attention at delivery - Rural & Urban.	14
7.	Live births according to order of birth and literacy of mother for the state - Rural.	15
8.	Live births according to order of birth and literacy of mother for the state - Urban.	16
9.	Live births according to order of birth and literacy of father for the state - Rural.	17
10.	Live births according to order of birth and literacy of father for the state - Urban.	18
11.	Live births according to order of birth and occupation of father - Kerala - Rural.	19
12.	Live births according to order of birth and occupation of father - Kerala - Urban.	20
13.	Live births by order of birth and age of mother - Kerala - Rural.	21
14.	Live births by order of birth and age of mother - Kerala - Urban.	22
15.	Live births according to age of mother in the Municipalities and Corporations of Kerala.	23-24

(Contd.)

(List of Tables contd.)

16. Live births by religion in the Municipalities and Corporations of Kerala.	25-26
17. Live births by religion in Kerala - District-wise.	27-28
18. Mother-wise distribution of live births in Kerala (Rural/Urban).	28
19. Sex ratio of live births in Kerala (Rural/Urban district-wise).	29-30
20. Mother-wise distribution of deaths in Kerala (Rural/Urban).	30
21. Deaths by age and sex - Kerala.	31
22. Deaths by religion in Kerala - District-wise (Rural/Urban).	32-33
23. Deaths due to some specified diseases in towns with population 30,000 and above.	34-35
24. Infant deaths by sex in Kerala - District-wise (Rural/Urban).	36-37
25. Infant deaths by age and sex in Kerala.	37
26. Maternal deaths by age at death in Kerala.	38

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VITAL STATISTICS BULLETIN - 1986

Introduction

The Birth and Death Registration Act of India, 1969 and the Birth and Death Rules of Kerala, 1970 provide necessary guide lines and facilities for the registration of birth and death events in the state. According to the act, of the Director of Panchayats in the Chief Registrar of Births and Deaths while the Additional Director of Economics and Statistics functions as the Additional Chief Registrar for the state. The District Panchayat Officers are also empowered to function as the District Registrars. Local administrative bodies such as Panchayats, Municipalities and Corporations are the root level Birth and Death registration units. The Executive Officers of the Panchayats and the Health Inspectors and Health Officers of the Municipalities and Corporations are the Local Registrars of the concerned registration units. In the Act, there are also provisions for the effective registration of vital events as well as for the collection, scrutiny, compilation, tabulation and analysis of the vital statistics. The vital statistics unit of the Department of Economics and Statistics deals with the analysis of vital statistics collected from the registration units.

This Bulletin contains the results of the analysis of vital statistics for the year 1986.

Source of data

As per the rules framed under the Birth and Death Registration Act, births and deaths are to be registered within 14 and 7 days respectively, immediately after the occurrence of the events. The details of each events, such as date of event, date of registration, sex, literacy, occupation, religion of father and mother, age of mother, order of birth, type of attention, cause of death etc. are transferred to the prescribed birth, death and still birth cards from the concerned registers. These filled-in-cards are forwarded periodically to the Directorate of Economics and Statistics from each and every registration units for compilation and statistical analysis.

Limitation of the data

On analysis it is seen that registration of vital events is not complete; cases of under registration have been detected. It has also become clear that the birth and death rates in the urban areas are higher than that in the rural areas. It may be due to the fact that the registration is defacto and the rural folk are very eager to utilize the modern hospital facilities in urban areas for better and safer future. Through different media, efforts are being made for making the public conscious of the importance and necessity of registration of vital events.

Processing of data

The information about the vital events in about 5.7 lakhs birth cards and 1.3 lakhs death cards for the year under report has been utilized for detailed study and analysis. The data were processed through manual tabulation.

Vital rates

The following vital rates for the year 1986 have been arrived at on the basis of the information got from the birth and death cards.

a) Crude Birth Rate:

Crude Birth Rate is the number of Live births per thousand population (Mid year).

b) Crude Death Rate:

Crude Death Rate is the number of deaths per thousand population (Mid year).

c) Infant Death Rate:

Infant Death Rate is the number of deaths to infants below one year of age per thousand live births in the year.

d) Maternal Death Rate:

Maternal Death Rate is the number of maternal deaths per thousand live and still births.

e) Still Birth Rate:

Still Birth Rate is the number of such births per thousand live and still births.

Birth and Birth Rates

During the year the details of 5.67 lakhs of registered live births have been analysed. They comprise 3.29 lakhs of births occurred in rural areas and 2.38 lakhs of birth occurred in urban areas. Accordingly the registered birth rate of the state for the year 1986 was 20.26 while it was 21.38 during previous year. From the District-wise breakup as made clear in table 1 Malappuram district registered the highest birth rate viz. 30.46. It was so in 1985 also. In the following districts the birth rates exceeds the state average - Thrissur (21.24), Palakkad (22.12), Malappuram (30.46), Kozhikode (22.58),

Wayanad (20.97) and Kasaragod (23.78). The lowest birth rate 14.49 is registered in Alappuzha district. In all the districts there are distinct falls in birth rates when compared to those in previous year.

Death and Death Rates

The total no. of deaths registered considered for analysis during the year was 1.34 lakhs of which 0.94 lakhs were in rural areas and 0.40 lakhs were in urban areas. The registered death rate for the state thus was 4.77 in the year under report as against 4.88 in 1985. While the highest death rate of 5.71 was recorded in Kozhikode district, the lowest death rate of 3.31 was recorded in Idukki district. In Kollam (3.72), Idukki (3.31), Eranakulam (4.69), Malappuram (4.26), Wayanad (4.24), Cannoor (4.43) and Kasaragod (4.47) the death rate was lower than the state average. In eleven districts the death rates have been lowered from the rates of the previous year.

Infant Death Rates

There were 6398 infant deaths in the state during the year 1986. It was 1380 less than that in 1985. The infant death rate was 11.28 in 1986 while it was 13.23 in 1985. The highest infant death rate of the year under report was in Kozhikode district (18.36) while the lowest rate was recorded in Thiruvananthapuram district (4.86). In five districts Viz. Thiruvananthapuram (4.86), Kollam (9.59), Pathanamthitta (8.13), Malappuram (7.69) and Cannoor (9.48) the Infant Death Rates were lower than that of the state average.

Maternal Death Rates

During the year under report total registered maternal deaths reported were 3 in number of which one was in rural area and the other were in urban areas. The maternal death rate for the year 1986 is worked out to be 0.01 while it was 0.02 during 1985.

Still Birth Rate

As in the case of last year there was a fall in the number of still births during the year under report also. It was declined from 3909 in 1985 to 3236 in 1986. The still birth rate for the year 1986 is calculated to be 5.67 while it was 6.61 in 1985.

Conclusion

In spite of the provisions of the Birth and Death Registration Act all the vital events in the state have not been got registered. Instance of under registration is comparatively more in rural areas than in urban areas. This is attributed mainly to the public unawareness of the importance of registration of vital events which could meet with only by educating them in this regard.

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Table: 1 - Total number of live births, deaths, still births, infant deaths and maternal deaths and their rates - 1986

Districts	Rural/ Urban	Estimated Mid year population ('000s)	LIVE BIRTHS			DEATHS		
			Number	Rate		Number	Rate	
				1986	1985		1986	1985
1	2	3	4	5	6	7	8	9
Thiruvananthapuram	Rural	2182	15457	7.08	7.13	6314	2.89	2.99
	Urban	673	40757	60.56	65.06	7730	11.49	10.99
	Total	2855	56214	19.69	20.81	14044	4.92	4.88
Kollam	Rural	2219	26941	12.14	12.79	6974	3.14	3.38
	Urban	192	14348	74.73	78.77	1985	10.34	8.72
	Total	2411	41289	17.13	18.09	8959	3.72	3.81
Pathanamthitta	Rural	1152	17258	14.98	14.85	5151	4.47	4.64
	Urban	66	6604	100.06	105.15	842	12.76	11.97
	Total	1218	23862	19.59	19.76	5993	4.92	5.04
Alappuzha	Rural	1716	12206	7.11	7.87	6932	4.04	4.06
	Urban	336	17537	52.19	52.38	3309	9.85	10.02
	Total	2052	29743	14.49	15.25	10241	4.99	5.05
Kottayam	Rural	1702	21058	12.37	14.03	7853	4.61	4.84
	Urban	165	10127	61.38	63.98	1239	7.51	7.92
	Total	1867	31185	16.70	18.50	9092	4.87	5.12
Idukki	Rural	1018	12487	12.27	13.28	3171	3.11	3.08
	Urban	48	4200	87.5	92.83	360	7.50	8.52
	Total	1066	16687	15.65	16.71	3531	3.31	3.31

(Contd.)

(Table 1 contd.)

1	2	3	4	5	6	7	8	9
Eranakulam	Rural	2010	12342	6.14	6.78	6801	3.38	3.42
	Urban	778	37332	47.98	49.32	6272	8.06	7.90
	Total	2788	49674	17.82	18.68	13073	4.69	4.67
Thrissur	Rural	2427	31425	12.95	14.02	10329	4.26	4.17
	Urban	256	25558	99.84	105.20	3979	15.54	14.28
	Total	2683	56983	21.24	22.81	14308	5.33	5.14
Palakkadu	Rural	2059	39762	19.31	21.03	10712	5.20	5.41
	Urban	189	9955	52.67	49.17	2055	10.87	10.73
	Total	2248	49717	22.12	23.42	12767	5.68	5.86
Malappuram	Rural	2442	64150	26.27	27.08	9357	3.83	3.64
	Urban	201	16349	81.34	79.69	1911	9.51	10.56
	Total	2643	80499	30.46	31.08	11268	4.26	4.16
Kozhikode	Rural	1968	25120	12.76	14.25	6692	3.40	3.76
	Urban	502	30649	61.05	59.14	7411	14.76	16.04
	Total	2470	55769	22.58	23.38	14103	5.71	6.26
Vayanad	Rural	610	12791	20.97	21.29	2585	4.24	4.27
	Urban	-	-	-	-	-	-	-
	Total	610	12791	20.97	21.29	2585	4.24	4.27
Cannoor	Rural	1975	25609	12.97	16.60	7751	3.92	4.26
	Urban	149	14361	96.38	87.42	1649	11.07	10.99
	Total	2124	39970	18.82	21.62	9400	4.43	4.74
Kasaragod	Rural	858	12840	14.97	15.85	3332	3.88	4.53
	Urban	102	9987	97.91	95.60	958	9.39	10.50
	Total	960	22827	23.78	24.22	4290	4.47	5.15
Kerala State	Rural	24338	329446	13.54	14.65	93954	3.86	3.98
	Urban	3657	237764	65.02	66.04	39700	10.86	10.84
	Total	27995	567210	20.26	21.38	133654	4.77	4.88

(Contd.)

(Table 1 contd.)

Districts	Rural	STILL BIRTHS			INFANT DEATHS			MATERNAL DEATHS		
		Number	Rate		Number	Rate		Number	Rate	
			1986	1985		1986	1985		1986	1985
1	2	10	11	12	13	14	15	16	17	18
Thiruvananthapuram	Rural	5	0.32	3.85	74	4.79	5.56	-	-	-
	Urban	51	1.25	2.90	199	4.88	16.77	-	-	0.07
	Total	56	1.00	3.15	273	4.86	13.83	-	-	0.02
Kollam	Rural	160	5.90	6.35	197	7.31	9.08	-	-	0.04
	Urban	176	12.12	6.71	199	13.87	17.11	-	-	-
	Total	336	8.07	6.47	396	9.59	11.89	-	-	0.03
Pathanamthitta	Rural	15	0.87	3.91	133	7.71	7.86	-	-	0.05
	Urban	34	5.12	6.11	61	9.24	9.95	-	-	-
	Total	49	2.05	4.55	194	8.13	8.46	-	-	0.09
Alappuzha	Rural	23	1.88	3.47	75	6.14	7.71	-	-	-
	Urban	22	1.25	4.33	298	16.99	24.18	-	-	-
	Total	45	1.51	3.96	373	12.54	17.08	-	-	-
Kottayam	Rural	15	0.71	4.13	280	13.30	15.97	-	-	-
	Urban	92	9.00	8.88	79	7.80	12.01	-	-	-
	Total	107	3.42	5.60	359	11.51	14.75	-	-	-
Idukki	Rural	21	1.68	5.98	203	16.26	17.96	-	-	0.08
	Urban	37	8.73	6.19	45	10.71	8.38	-	-	0.96
	Total	58	3.46	6.03	248	14.86	15.67	-	-	0.29
Ernakulam	Rural	65	5.24	3.81	189	15.31	11.90	-	-	-
	Urban	244	6.49	9.47	614	16.45	15.15	-	-	-
	Total	309	6.18	8.00	803	16.17	14.30	-	-	-
Thrissur	Rural	105	3.33	2.75	262	8.34	8.60	-	-	-
	Urban	174	6.76	10.67	436	17.06	17.59	1	0.04	-
	Total	279	4.87	6.29	698	12.25	12.60	1	0.02	-

(Contd.)

(Table 1 contd.)

1	2	10	11	12	13	14	15	16	17	18
Palakkad	Rural	143	3.58	4.50	345	8.68	10.61	-	-	-
	Urban	213	20.95	28.53	246	24.71	30.02	-	-	-
	Total	356	7.11	8.86	591	11.89	14.06	-	-	-
Malappuram	Rural	141	2.19	1.80	315	4.91	4.99	-	-	0.02
	Urban	325	19.49	9.16	304	18.59	23.76	1	0.06	-
	Total	466	5.76	3.24	619	7.69	8.65	1	0.01	0.02
Kozhikode	Rural	31	1.23	0.33	118	4.70	5.38	-	-	-
	Urban	672	21.46	23.74	906	29.56	31.87	-	-	-
	Total	703	12.45	12.51	1024	18.36	19.00	-	-	-
Vayanad	Rural	135	10.44	9.48	147	11.49	17.34	-	-	-
	Urban	-	-	-	-	-	-	-	-	-
	Total	135	10.44	9.48	147	11.49	17.34	-	-	-
Cannoor	Rural	60	2.34	7.10	174	6.79	8.31	1	0.04	0.03
	Urban	142	9.79	7.22	205	14.27	15.00	-	-	-
	Total	202	5.03	7.14	379	9.48	10.23	1	0.02	0.03
Kasaragod	Rural	27	2.10	2.54	125	9.74	10.25	-	-	-
	Urban	108	10.70	21.21	169	16.92	16.38	-	-	-
	Total	135	5.88	10.36	294	12.88	12.79	-	-	-
State	Rural	946	2.86	3.91	2637	8.00	9.09	1	0.00	0.02
	Urban	2290	9.54	10.55	3761	15.82	19.33	2	0.01	0.02
	Total	3236	5.67	6.61	6398	11.28	13.23	3	0.01	0.02

Table: 2 - 1981 census population of districts rural, urban and sex-wise X ('000)

Sl. No.	District	Total population	Rural				Urban				Population not under registration				Population of towns with 30,000 & above	
			Male		Female		Male		Female		Rural		Urban		Male	Female
			4	5	6	7	8	9	10	11	12	13				
1	2	3														
1.	Thiruvananthapuram	2596	972	1005	307	312	-	-	-	-	-	-	-	307	312	
2.	Kollam	2193	995	1017	90	91	-	-	-	-	-	-	-	90	91	
3.	Pathanamthitta	1108	509	537	30	32	-	-	-	-	-	-	-	30	32	
4.	Alappuzha	1866	754	789	159	164	-	-	-	-	-	-	-	134	137	
5.	Kottayam	1697	769	769	79	80	-	-	-	-	-	-	-	58	58	
6.	Idukki	969	475	458	18	18	-	-	-	-	-	-	-	18	18	
7.	Eranakulam	2535	909	908	360	358	-	-	-	-	-	-	-	311	307	
8.	Thrissur	2440	1045	1149	117	129	-	-	-	-	-	-	-	74	80	
9.	Palakkad	2044	907	960	87	90	-	-	-	-	-	-	-	87	90	
10.	Malappuram	2403	1083	1142	88	90	-	-	-	-	-	-	-	88	90	
11.	Kozhikode	2245	883	904	228	230	-	-	-	-	-	-	-	228	230	
12.	Vayanad	554	284	270	-	-	-	-	-	-	-	-	-	-	-	
13.	Cannur	1931	878	912	69	72	-	-	-	-	-	-	-	67	69	
14.	Kasaragod	873	388	396	44	45	-	-	-	-	-	-	-	44	45	
	Kerala State	25454	10851	11216	1676	1711	-	-	-	-	-	-	-	1536	1559	

X as on 31-12-1986.

Table:3 - Total number of live births, deaths, still births, infant deaths and maternal deaths in corporations and municipalities having a population of 30000 and above

Corporation/ Municipality	Births		Deaths		Still births	Infant deaths	Maternal deaths		
	Total	Female	Total	Female					
	2	3	4	5	6	7	8	9	10
Thiruvananthapuram Corporation	30552	16497	14055	7017	3459	3458	15	156	-
Nedumangad Municipality	2338	1187	1151	178	114	64	4	8	-
Attingal	1289	612	677	114	61	53	11	-	-
Varkala	3388	1701	1687	168	106	62	4	5	-
Neyyattinakara	3190	1581	1609	253	154	99	17	30	-
Kollam	11608	6008	5600	1689	1001	688	138	167	-
Punalur	2740	1382	1358	296	151	145	38	32	-
Pathanamthitta	3180	1646	1534	300	194	106	26	21	-
Thiruvalla	3424	1869	1555	542	305	237	8	40	-
Kayamkulam	3332	1707	1625	304	183	121	4	17	-
Alappuzha	7282	3788	3494	1907	1173	734	8	175	-
Cherthala	2911	1504	1407	552	343	209	3	61	-
Kottayam	3857	1966	1891	507	311	196	27	24	-
Changanachery	2415	1169	1246	249	162	87	25	18	-
Thodupuzha	4200	2179	2021	360	215	145	37	45	-
Kochi corporation	15709	8031	7678	3952	2559	1393	123	329	-

(Contd.)

(Table 3 contd.)

1	2	3	4	5	6	7	8	9	10
Thrippunithura Municipality	2658	1366	1292	338	196	142	9	18	-
Kothamangalam "	4300	2201	2099	407	250	157	9	59	-
Angamali "	2389	1274	1115	424	274	150	8	57	-
Thrissur "	14134	7392	6742	2519	1526	993	127	258	-
Chalakudy "	1996	1008	988	278	177	101	-	16	-
Chavakkad "	1640	860	780	250	143	107	15	49	-
Palakkad "	8049	4206	3843	1549	920	629	192	236	-
Shornur "	750	381	369	225	135	90	-	10	-
Chittur-Thathamangalam Municipality	1156	587	569	281	194	87	21	-	-
Malappuram "	2619	1379	1240	256	152	104	66	61	-
Manjeri "	5073	2586	2487	833	517	316	143	123	-
Ponnani "	2972	1510	1462	287	156	131	52	46	-
Thirur "	5685	2931	2754	535	340	195	64	74	1
Kozhikode corporation	24593	12514	12079	6916	4349	2567	622	842	-
Vadakara Municipality	6056	3078	2978	495	273	222	50	64	-
Cannur "	4552	2284	2268	511	299	212	6	69	-
Thalasseri "	9809	4920	4889	1138	600	538	136	136	-
Kasaragod "	5347	2723	2624	422	256	166	23	77	-
Kanhangad "	4640	2352	2288	536	342	194	85	92	-

Table:4 - Total number of births, deaths, still births, infant deaths and maternal deaths in corporations and municipalities having a population of 30000 and above, district-wise - 1986

Sl. No.	District	Births					Deaths		Still births		Infant deaths		Maternal deaths	
		1	2	3	4	5	6	7	8	9	10	11	12	
1.	Thiruvananthapuram			40757	7730	51	199							
2.	Kollam			14348	1985	176	199							
3.	Pathanamthitta			6604	842	34	61							
4.	Alappuzha			13525	2763	15	253							
5.	Kottayam			6272	756	52	42							
6.	Idukki			4200	360	37	45							
7.	Eranakulam			25056	5121	149	463							
8.	Thrissur			17770	3047	142	323							
9.	Palakkad			9955	2055	213	246							
10.	Malappuram			16349	1911	325	304						1	
11.	Kozhikode			30649	7411	672	906							
12.	Vayanad			-	-	-	-							
13.	Cannur			14361	1649	142	205							
14.	Kasaragod			9987	958	108	169							
	State			209833	36588	2116	3415						1	

Table:5 - Births, deaths, still births, infant deaths and maternal deaths and their rates in corporations and municipalities - 1986

Sl. No.	Corporation/ Municipality	Births			Deaths			Still births			Infant deaths			Maternal deaths		
		Male		Total	Male		Total	Rate		Total	Rate		Rate		Rate	
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1.	Thiruvananthapuram Corporation	16497	14055	30552	57.92	3459	3458	7017	13.30	15	0.49	156	5.11	-		
2.	Nedumangad Municipality	1187	1151	2338	49.10	114	64	178	3.74	4	1.71	8	3.42	-		
3.	Varkala	1701	1687	3388	93.33	106	62	168	4.63	4	1.18	5	1.48	-		
4.	Neyyattinkara	1581	1609	3190	104.94	154	99	253	8.32	17	5.30	30	9.40	-		
5.	Attingal	612	577	1289	41.41	61	53	114	3.66	11	8.46	-	-	-		
6.	Kollam	6008	5600	11608	79.57	1001	688	1689	11.58	138	11.75	167	14.39	-		
7.	Punalur	1382	1358	2740	59.73	151	145	296	6.45	38	13.68	32	11.68	-		
8.	Pathanamthitta	1646	1534	3180	89.63	194	106	300	8.46	26	8.11	21	6.60	-		
9.	Thiruvalla	1869	1555	3424	111.61	305	237	542	17.67	8	2.33	40	11.68	-		
10.	Alappuzha	3788	3494	7282	41.52	1173	734	1907	10.87	8	1.10	175	24.03	-		
11.	Sherthala	1504	1407	2911	68.27	343	209	552	12.95	3	1.03	61	20.95	-		
12.	Mavelikkara	1544	1457	3001	110.66	218	123	341	12.57	6	2.00	38	12.66	-		
13.	Kayamkulam	1707	1625	3332	50.82	183	121	304	4.64	4	1.20	17	5.10	-		
14.	Cheungannur	533	478	1011	40.24	143	62	205	8.16	1	0.99	7	6.92	-		
15.	Kottayam	1966	1891	3857	57.48	311	196	507	7.56	27	6.95	24	6.22	-		
16.	Changanacherry	1169	1246	2415	44.83	162	87	249	4.62	25	10.25	18	7.45	-		
17.	Vaikom	517	441	958	44.15	116	79	195	8.99	7	7.25	16	16.70	-		
18.	Palai	1543	1354	2898	129.44	185	103	288	12.87	33	11.26	21	7.25	-		
19.	Thodupuzha	2179	2021	4200	88.19	215	145	360	7.56	37	8.73	45	10.71	-		
20.	Kochi Corporation	8031	7678	15709	28.16	2559	1393	3952	7.08	123	7.77	329	20.94	-		
21.	Thrippunithura Municipality	1366	1292	2658	55.42	196	142	338	7.05	9	3.37	18	6.77	-		
22.	Kothamangalam	2201	2099	4300	118.32	250	157	407	11.20	9	2.09	59	13.72	-		
23.	Aluva	2597	2448	5045	194.43	244	131	375	14.45	30	5.91	48	9.51	-		
24.	Parur	1136	1040	2176	79.54	187	116	303	11.08	19	8.66	32	14.71	-		

(Contd.)

(Table 5 contd.)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
25. Angamali Municipality	1274	1115	2389	78.14	274	150	424	13.87	8	3.34	57	23.86	-	-	-	-
26. Perumbavoor "	1338	1185	2523	103.76	148	85	233	9.58	18	7.08	34	13.48	-	-	-	-
27. Muvattupuzha "	1296	1236	2532	93.13	137	103	240	8.83	28	10.94	37	14.61	-	-	-	-
28. Thrissur "	7392	6742	14134	179.29	1526	993	2519	31.95	127	8.91	258	18.25	-	-	-	-
29. Chalakudy "	1008	988	1996	44.95	177	101	278	6.26	-	-	16	8.02	-	-	-	-
30. Chavakkad "	860	780	1640	43.99	143	107	250	6.71	15	9.06	49	29.88	-	-	-	-
31. Irinjalakuda "	924	893	1817	68.64	124	81	205	7.74	8	4.38	24	13.21	-	-	-	-
32. Kunnankulam "	1279	1220	2499	124.72	223	93	316	15.77	19	7.55	45	18.01	1	0.40	-	-
33. Guruvayoor Township	325	252	577	30.33	81	45	126	6.62	5	8.59	3	5.20	-	-	-	-
34. Kodungalloor Municipality	1507	1388	2895	96.94	185	100	285	9.54	-	-	41	14.16	-	-	-	-
35. Palakkad "	4206	3843	8049	66.80	920	629	1549	12.86	192	23.30	236	29.32	-	-	-	-
36. Shornur "	381	369	750	20.10	135	90	225	6.03	-	-	10	13.33	-	-	-	-
37. Chittur-Thathamangalam Municipality	587	569	1156	36.73	194	87	281	8.93	21	17.84	-	-	-	-	-	-
38. Malappuram "	1379	1240	2619	58.61	152	104	256	5.73	66	24.58	61	23.29	-	-	-	-
39. Manjeri "	2586	2487	5073	81.33	517	316	833	13.36	143	27.42	123	24.25	-	-	-	-
39. Ponnani "	1510	1462	2972	62.11	156	131	287	6.00	52	17.20	46	15.48	-	-	-	-
41. Thirur "	2931	2754	5685	122.94	340	195	535	11.57	64	11.13	74	13.02	1	0.17	-	-
42. Kozhikode Corporation	12514	12079	24593	57.05	4349	2567	6916	16.04	622	24.67	842	34.24	-	-	-	-
43. Vadakara Municipality	3078	2978	6056	86.01	273	222	495	7.03	50	8.19	64	10.57	-	-	-	-
44. Cannur "	2284	2268	4552	70.90	299	212	511	7.96	6	1.32	69	15.16	-	-	-	-
45. Thalassery "	4920	4889	9809	123.45	600	538	1138	14.32	136	13.68	136	13.86	-	-	-	-
46. Kasaragod "	2723	2624	5347	110.85	256	166	422	8.75	23	4.28	77	14.40	-	-	-	-
47. Kanhangad "	2352	2288	4640	86.87	342	194	536	10.03	85	17.99	92	19.83	-	-	-	-

TABLE:6 - LIVE BIRTHS BY TYPE OF ATTENTION AT DELIVERY - 1986
Rural and Urban

Sl. No.	District	Rural							Urban							Total		
		Insti- tutio- nal			Domiciliary				Towns with population below 30,000			Towns with population above 30,000						
		4	5	6	7	8	9	10	11	12	13	14	15					
		Insti- tutio- nal	Physi- cian Nurse & train- ed midwife	Unqua- lified Midwife	Others	Insti- tutio- nal	Physi- cian Nurse & train- ed midwife	Unqua- lified Midwife	Others	Insti- tutio- nal	Physi- cian Nurse & train- ed midwife	Unqua- lified Midwife	Others	Insti- tutio- nal	Physi- cian Nurse & train- ed midwife	Unqua- lified Midwife	Others	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
1.	Thiruvananthapuram	56214	11243	161	819	3234	-	-	-	-	40685	9	25	38				
2.	Kollam	41289	21937	702	1714	2588	-	-	-	-	14335	-	1	12				
3.	Pathanamthitta	23862	12353	139	671	4095	-	-	-	-	6000	402	180	22				
4.	Alappuzha	29743	8669	1271	1321	945	3698	215	90	9	12593	559	133	240				
5.	Kottayam	31185	18105	1231	725	997	3854	-	-	1	6268	-	-	4				
6.	Idukki	16687	8763	332	1071	2321	-	-	-	-	4198	1	-	1				
7.	Eranakulam	49674	10272	200	605	1265	12276	-	-	-	25056	-	-	-				
8.	Thrissur	56983	27487	853	1041	2044	7769	11	4	4	17738	24	-	8				
9.	Palakkad	49717	24618	1125	628	13391	-	-	-	-	6198	2912	503	342				
10.	Malappuram	80499	12563	1238	7558	42789	-	-	-	-	14561	-	696	1092				
11.	Kozhikode	55769	45600	597	2545	6378	-	-	-	-	30446	9	8	186				
12.	Vayanad	12791	7759	1328	1704	2000	-	-	-	-	-	-	-	-				
13.	Cannur	39970	22361	694	2144	410	-	-	-	-	14074	150	63	74				
14.	Kasaragod	22827	5779	110	240	6711	-	-	-	-	9932	17	11	27				
	State	567210	207511	9981	22786	89168	27597	226	94	14	202084	4083	1620	2046				

Table:7 - Live births according to order of birth and literacy of mother for the State (Rural) - 1986

Order of birth	L i t e r a c y						Total
	Illiterate	Below Matriculation	Matriculation Higher secondary & equivalent	Graduation & above	Not reported		
	1	2	3	4	5	6	7
01	7163	72036	37831	5328	-	-	122358
02	7361	66099	22591	2917	-	-	98968
03	6190	38179	7923	724	-	-	53016
04	4290	17499	1471	129	-	-	23389
05	2851	8894	408	41	-	-	12194
06	2085	5135	148	36	-	-	7404
07	1467	3044	123	6	-	-	4640
08	1031	1856	47	3	-	-	2937
09	547	982	29	8	-	-	1566
10	348	517	19	1	-	-	885
11 & above	147	279	9	-	-	-	435
N.R.	283	1033	306	32	-	-	1654
Total	33763	215553	70905	9225	-	-	329446

Table:8 - Five births according to order of birth and literacy of mother for the state-urban - 1986

Order of birth	L i t e r a c y						Total
	Illiterate	Below Matriculation	Matriculation Higher secondary & equivalent	Graduation & above	Not reported		
	1	2	3	4	5	6	7
01	3001	59960	36334	8562	-	-	107857
02	2980	41058	23849	5254	-	-	73141
03	1981	22492	9078	1179	-	-	34730
04	952	8911	2027	190	-	-	12080
05	791	3315	454	51	-	-	4611
06	522	1618	118	10	-	-	2268
07	327	785	26	-	-	-	1138
08	195	527	13	1	-	-	736
09	137	220	12	1	-	-	370
10	59	122	10	-	-	-	191
11 & above	30	72	7	-	-	-	109
N.R.	86	302	115	30	-	-	533
Total	11061	139382	72043	15278	-	-	237764

Table:9 - Live births according to order of birth and literacy of father for the state-rural - 1986

Order of birth	L i t e r a c y						Total
	Illiterate	Below Matriculation	Matriculation Higher secondary & equivalent	Graduation & above	Not reported		
	1	2	3	4	5	6	7
01	5819	76921	33755	5863	-	-	122358
02	5617	65463	24212	3676	-	-	98968
03	4773	39188	7933	1122	-	-	53016
04	3336	18061	1783	209	-	-	23389
05	2088	9403	611	92	-	-	12194
06	1614	5489	269	32	-	-	7404
07	1140	3327	152	21	-	-	4640
08	764	2077	89	7	-	-	2937
09	427	1103	34	2	-	-	1566
10	258	597	27	3	-	-	885
11 & above	114	305	14	2	-	-	435
N.R.	235	1096	283	40	-	-	1654
Total	26185	223030	69162	11069	-	-	329446

Table:10 - Live births according to order of birth and literacy of father for the state-urban - 1986

Order of birth	Illiterate	L i t e r a c y					Total
		Below Matriculation	Matriculation & higher secondary & equivalent	Graduation & above	Not reported		
1	2	3	4	5	6	7	
01	3068	60372	35149	9268	-	107857	
02	2720	41094	22956	6371	-	73141	
03	1731	22433	8699	1867	-	34730	
04	852	8794	2094	340	-	12080	
05	551	3407	566	87	-	4611	
06	410	1644	186	28	-	2268	
07	215	854	57	12	-	1138	
08	142	561	26	7	-	736	
09	113	232	22	3	-	370	
10	55	119	17	-	-	191	
11 & above	32	69	7	1	-	109	
N.R.	75	297	128	33	-	533	
Total	9964	139876	69907	18017	-	237764	

Table:11 - Live births according to order of birth and occupation of father - Kerala (rural) - 1986

Order of birth	Professional and technical workers	Administrative, executive and managerial workers	Clerical workers	Sales workers	Service workers	Farmers, fishermen, hunters, loggers etc. and related workers	Productive and related workers, transport equipment operators & labourers	Others whose occupation is not elsewhere classified	Non-workers	Total
1	2	3	4	5	6	7	8	9	10	11
01	5512	1621	3443	12694	4720	11020	68589	10156	4603	122358
02	3219	1085	2365	9520	3826	8879	59252	7105	3717	98968
03	1051	422	886	5331	1885	5129	32641	3547	2124	53016
04	270	142	258	2599	765	2024	14939	1373	1019	23389
05	138	62	151	1385	430	1174	7527	768	559	12194
06	53	31	56	860	268	724	4663	392	357	7404
07	25	18	38	550	187	454	2861	252	255	4640
08	22	14	20	352	123	338	1712	182	174	2937
09	13	1	11	179	49	198	922	95	98	1566
10	8	9	7	97	26	111	495	71	61	885
11 and above	4	1	1	45	22	53	238	40	31	435
N.R.	45	10	44	138	36	158	921	215	87	1654
State	10360	3416	7280	33750	12337	30262	194760	24196	13085	329446

Table:12 - LIVE BIRTHS ACCORDING TO ORDER OF BIRTH AND OCCUPATION OF FATHER
- KERALA - 1986 - URBAN

Order of birth	Professional and related workers	Administrative and managerial workers	Clerical workers	Sales workers	Service workers	Farmers, fishermen, hunters, loggers, etc. and related workers	Production and related workers	Others whose occupation is not elsewhere classified	Non-workers	Total
1	2	3	4	5	6	7	8	9	10	11
01	3451	1402	4459	14187	6383	8313	54398	5210	10052	107857
02	2410	915	2962	9521	4446	6013	36233	3720	6921	73141
03	785	297	1026	4689	1790	3312	18039	1516	3276	34730
04	189	64	221	1730	547	1320	6523	520	966	12080
05	55	25	83	773	170	438	2499	266	300	4611
06	18	13	20	376	74	277	1176	118	196	2268
07	5	5	209	205	31	170	556	63	94	1138
08	2	-	6	125	17	133	340	44	69	736
09	4	3	2	66	8	64	155	59	9	370
10	-	1	1	30	7	26	94	29	3	191
11 & above	-	-	1	14	1	11	59	19	4	109
N.R.	21	9	19	75	32	41	231	56	49	533
State	6940	2734	8811	31791	13508	20118	120303	11620	21939	237764

Table:13 - Live births by order of birth and age of mother - Kerala 1986 - Rural

Order of birth	A g e o f m o t h e r										All ages
	Below 15 yrs.	15-19	20-24	25-29	30-34	35-39	40-44	45 & above	N.R.	11	
01	29	34020	65073	19558	2793	725	60	18	82	122358	
02	1	4672	55772	30260	6774	1270	90	17	112	98968	
03	-	568	19143	23837	7249	1963	163	38	55	53016	
04	-	125	3548	12060	5249	2053	215	46	93	23389	
05	-	-	854	4488	4132	2299	264	66	91	12194	
06	-	-	229	1493	2688	2455	362	67	110	7404	
07	-	-	80	487	1431	2082	424	81	55	4640	
08	-	-	34	157	681	1468	443	107	47	2937	
09	-	-	-	67	264	757	315	121	42	1566	
10	-	-	-	33	108	405	206	87	46	885	
11 & above	-	-	-	-	27	218	132	43	15	435	
N.R.	-	90	453	285	151	129	72	10	464	1654	
STATE	30	39475	145186	92725	31547	15824	2746	701	1212	329446	

Table:14 - Live births by order of birth and age of mother - Kerala 1986 - Urban

Order of birth	Age of mother										All ages
	Below 15 yrs.	15-19	20-24	25-29	30-34	35-39	40-44	45 & above	N.R.		
1	2	3	4	5	6	7	8	9	10	11	
01	64	21028	57946	22723	4839	1011	85	3	158	107857	
02	-	3124	33770	27274	7416	1330	108	6	113	73141	
03	-	531	11852	15647	5241	1310	87	5	57	34730	
04	-	87	2618	5548	2737	981	85	11	13	12080	
05	-	10	528	1914	1342	712	88	11	6	4611	
06	-	-	120	606	784	644	89	21	4	2268	
07	-	-	19	164	399	468	71	13	4	1138	
08	-	-	9	52	199	384	74	16	2	736	
09	-	-	-	28	74	198	56	13	1	370	
10	-	-	-	7	27	102	38	15	2	191	
11 & above	-	-	-	-	10	46	34	19	-	109	
N.R.	-	34	135	102	79	32	21	11	119	533	
State	64	24814	106997	74065	23147	7218	836	144	479	237764	

Table:15 - Live births according to age of mother in the municipalities & corporations of Kerala - 1986

Name of Municipality/ Corporation	Below 15 yrs.		Age of mother										Total
	1	2	3	4	5	6	7	8	9	10	N.R.		
Thiruvananthapuram Corporation	-	-	2758	13913	10056	3051	683	75	8	8	30552		
Neyyattinkara Municipality	-	-	184	1695	1078	230	38	2	-	3	3190		
Nedumangad	-	-	200	1277	647	199	15	-	-	-	2338		
Attingal	-	-	23	886	296	63	20	1	-	-	1289		
Varkala	-	-	395	1410	969	464	142	4	3	1	3388		
Kollam	-	-	944	6099	3270	1006	209	30	3	47	11608		
Punalur	-	-	249	1455	819	174	23	9	-	11	2740		
Pathanamthitta	-	-	193	1494	1180	261	48	2	-	2	3180		
Thiruvalla	-	-	125	1453	1384	349	102	10	-	1	3424		
Alappuzha	-	-	741	3252	2287	782	217	3	-	-	7282		
Chengannur	-	-	76	521	311	86	17	-	-	-	1011		
Mavelikkara	-	-	262	1490	1016	186	42	5	-	-	3001		
Kayamkulam	-	-	349	1623	1115	212	31	2	-	-	3332		
Cherthala	-	-	147	1294	1107	299	59	5	-	-	2911		
Kottayam	-	-	190	1513	1574	465	106	9	-	-	3857		
Pala	-	-	91	1210	1199	286	96	10	5	-	2897		
Changanacherry	-	-	184	1095	843	228	58	4	2	1	2415		
Vaikom	-	-	36	439	346	98	26	2	-	11	958		
Thodupuzha	-	-	180	1635	1611	595	151	18	2	8	4200		
Kochi Corporation	-	-	1028	6749	5472	1886	451	42	4	77	15709		
Muvattupuzha Municipality	-	-	229	1228	753	240	64	6	1	11	2532		
Kothamangalam	-	-	253	1928	1550	424	121	16	3	5	4300		
Thripunithura	-	-	124	1170	1000	304	55	2	1	2	2658		
Aluva	-	-	440	2813	1360	334	79	7	1	11	5045		

(Contd.)

(Table 15 contd.)

1	2	3	4	5	6	7	8	9	10	11
Parur Municipality	-	136	1059	738	203	34	3	2	1	2176
Perumbavoor "	-	181	1264	842	183	47	2	2	2	2523
Angamali "	-	51	1057	997	213	57	3	2	9	2389
Thrissur "	-	745	7533	4199	1256	303	32	4	62	14134
Kodungalloor "	-	233	1481	881	241	49	2	2	6	2895
Irinjalakkuda "	-	110	938	561	158	41	7	-	2	1817
Chalakyudy "	-	94	951	752	142	51	5	-	1	1996
Kunnankulam "	-	413	1077	682	239	83	5	-	-	2499
Chavakkad "	-	270	660	453	155	87	10	2	3	1640
Guruvayoor Township	-	129	226	156	54	11	1	-	-	577
Palakkad Municipality	-	392	2895	2925	1351	441	43	2	-	8049
Shornur "	-	74	369	215	56	32	2	2	-	750
Chittur-Thathamangalam Municipality	-	214	410	323	126	61	21	1	-	1156
Malappuram "	-	115	955	964	332	196	49	8	-	2619
Manjeri "	-	1036	1794	1378	540	272	38	15	-	5073
Ponnani "	-	582	1218	765	252	132	20	3	-	2972
Thirur "	-	1165	1939	1592	603	332	49	5	-	5685
Kozhikode Corporation	3	3827	11197	6447	1987	844	91	24	-	24593
Vadakara Municipality	-	1440	2487	1469	392	230	33	5	-	6056
Cannur "	-	869	1707	1336	415	175	41	10	-	4552
Thalasseri "	61	1656	3917	2608	1115	391	52	9	-	9809
Kasaragod "	-	992	2124	1352	497	318	49	9	-	5347
Kanhangad "	-	689	2137	1187	416	178	14	4	15	4640

Table:16 - Live births by religion in the municipalities and corporations of Kerala - 1986

Municipalities/ Corporations	1				
	2	3	4	5	6
	Hindu	Muslim	Christian	Others	Total
Thiruvananthapuram Corporation	24324	3666	2562	-	30552
Neyyattinkara Municipality	2114	116	960	-	3190
Nedumangad	1507	539	292	-	2338
Attingal	908	367	14	-	1289
Varkala	2425	935	28	-	3388
Kollam	7793	2202	1602	11	11608
Punalur	1655	488	597	-	2740
Pathanamthitta	1927	199	1054	-	3180
Thiruvalla	1426	46	1952	-	3424
Alappuzha	4379	1418	1485	-	7282
Chengannur	720	19	272	-	1011
Mavelikkara	1821	334	846	-	3001
Kayamkulam	2365	746	221	-	3332
Cherthala	2393	89	429	-	2911
Kottayam	2045	251	1559	2	3857
Pala	1411	34	1452	-	2897
Changanacherry	1440	193	781	1	2415
Vaikom	850	31	77	-	958
Thodupuzha	1543	579	2078	-	4200
Kochi Corporation	6754	2853	6102	-	15709
Moovattupuzha Municipality	1193	646	693	-	2532
Kothamangalam	1486	855	1959	-	4300
Thrippunithura	2012	58	588	-	2658
Aluva	2403	1838	804	-	5045
Parur	1671	213	292	-	2176
Perumbavoor	1198	528	797	-	2523
Angamali	612	11	1766	-	2389
Thrissur	9553	943	3638	-	14134
Kodungalur	1958	752	185	-	2895

(Contd.)

(Table 16 contd.)

1	2	3	4	5	6
Irinjalakuda Municipality	1436	133	248	-	1817
Chalakydy	901	81	1014	-	1996
Kunnamkulam	1323	914	262	-	2499
Chavakkad	678	926	36	-	1640
Guruvayoor Township	281	252	44	-	577
Palakkad Municipality	6905	990	154	-	8049
Shornur	662	78	10	-	750
Chittur-Ththamangalam Muni.	1027	112	17	-	1156
Malappuram	689	1891	39	-	2619
Manjeri	1233	3452	388	-	5073
Ponnani	1366	1604	2	-	2972
Thirur	1958	3713	14	-	5685
Kozhikode Corporation	14895	8886	809	3	24593
Vadakara Municipality	3004	3044	8	-	6056
Kannur	2223	2317	12	-	4552
Thalasseri	6331	3317	161	-	9809
Kasaragod	2065	3224	58	-	5347
Kanhangad	3222	1042	376	-	4640

Table:17 - Live births by religion in Kerala - district-wise - 1986

District	Rural		Total	Hindu	Muslim	Christian	Others
	1	2					
Thiruvananthapuram	Rural	15457	9414	2389	3648	6	6
	Urban	40757	31278	5623	3856	-	6
Kollam	Rural	26941	16410	5511	5015	5	5
	Urban	14348	9448	2690	2199	11	11
Pathanamthitta	Rural	17258	8874	819	7528	37	37
	Urban	6604	3353	245	3006	-	-
Alappuzha	Rural	12206	8356	1002	2845	3	3
	Urban	17537	11678	2606	3253	-	-
Kottayam	Rural	21058	9539	1505	10006	8	8
	Urban	10127	5746	509	3869	3	3
Idukki	Rural	12487	6496	628	5361	3	3
	Urban	4200	1543	579	2078	-	-
Ernakulam	Rural	31425	16980	8357	6087	1	1
	Urban	25558	16130	4001	5427	-	-
Thrissur	Rural	39762	25388	13250	1114	10	10
	Urban	9955	8594	1180	181	-	-
Palakkad	Rural	64150	12063	51280	792	15	15
	Urban	16349	5246	10660	443	-	-
Malappuram	Rural	25120	9147	14644	1321	8	8
	Urban	30649	17899	11930	817	3	3
Kozhikode	Rural	55769	27046	26574	2138	11	11
	Urban	30649	17899	11930	817	3	3

(Contd.)

	1	2	3	4	5	6	7
Vayanaad	Rural	12791	4754	5294	2741	2	2
	Urban	-	-	-	-	-	-
	Total	12791	4754	5294	2741	2	2
Kannur	Rural	25609	13975	8584	3046	4	4
	Urban	14361	8554	5634	173	-	-
	Total	39970	22529	14218	3219	4	4
Kasaragod	Rural	12840	6371	5963	506	-	-
	Urban	9987	5287	4266	434	-	-
	Total	22827	11658	10229	940	-	-
State	Rural	329446	152977	120092	56272	105	105
	Urban	237764	142085	56925	38737	17	17
	Total	567210	295062	177017	95009	122	122

(Table 17 contd.)

Table:18 - Month-wise distribution of live births in Kerala - 1986

(Rural/Urban)

Rural/Urban	1	2	3	4	5	6	7	8
Rural	329446	25293	24237	28134	28011	29818	29248	29248
Urban	237764	18627	16845	19888	20903	20876	20972	20972
State	567210	43920	41082	48022	48914	50694	50220	50220

(Contd.)

(Table 18 contd.)

Rural/Urban	1	2	3	4	5	6	7	8
Rural	31202	25555	25884	26921	25895	29248	21787	21787
Urban	20292	18126	18243	20634	20571	29248	21787	21787
State	51494	43681	44127	47555	46466	51035	51035	51035

Table: 19 - Sex-ratio of live births in Kerala (District-wise) - 1986

District	1	2	3	4	5
	Rural/Urban		Males	Females	Sex-ratio

Thiruvananthapuram	Rural	7863	7594	966
	Urban	21578	19179	889
	Total	29441	26773	909
Kollam	Rural	13964	12977	929
	Urban	7390	6958	942
	Total	21354	19935	934
Pathanamthitta	Rural	8837	8421	953
	Urban	3515	3089	879
	Total	12352	11510	932
Alappuzha	Rural	6251	5955	953
	Urban	9076	8461	932
	Total	15327	14416	941
Kottayam	Rural	10943	10115	924
	Urban	5195	4932	949
	Total	16138	15047	932
Idukki	Rural	6397	6090	952
	Urban	2179	2021	928
	Total	8576	8111	947
Ernakulam	Rural	6443	5899	916
	Urban	19239	18093	941
	Total	25682	23992	934
Thrissur	Rural	16196	15229	940
	Urban	13295	12263	922
	Total	29491	27492	932
Palakkad	Rural	20031	19731	985
	Urban	5174	4781	924
	Total	25205	24512	973
Malappuram	Rural	33160	30990	935
	Urban	8406	7943	945
	Total	41566	38933	937
Kozhikode	Rural	12764	12356	968
	Urban	15592	15057	966
	Total	28356	27413	967

(Contd.)

Rural/Urban	July	August	Septem-ber	Octo-ber	Novem-ber	Decem-ber
Rural	9429	9114	9093	8354	7976	8440
Urban	3572	3570	3393	3381	3303	3598
State	13001	12684	12486	11735	11279	12038

(Table 20 contd.)

Rural/Urban	Total	Janu-ary	Febru-ary	March	April	May	June
Rural	93954	7740	6278	6881	6447	6774	7428
Urban	39700	3051	3049	3232	3216	3119	3216
State	133654	10791	9327	10113	9663	9893	10644

(Contd.)

Table: 20 - Month-wise distribution of deaths in Kerala - 1986 (Rural/Urban)

State	Rural	Urban	Total
Vayanaad	6471	-	6471
	6320	-	6320
	977	-	977
Kannur	12782	7204	19986
	12827	7157	19984
	1004	994	1000
Kasaragod	6800	5075	11875
	6040	4912	10952
	888	968	922
State	168902	122918	291820
	160544	114846	275390
	951	934	944

(Table 19 contd.)

Table:19 - Sex ratio of Live births in Kerala

Table:21 - Death by age and sex - Kerala - 1986

Age	Rural			Urban			All areas		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10
Below 1 year:	1480	1157	2637	2199	1562	3761	3679	2719	6398
1 to 4 years	795	853	1648	1176	1534	2710	1971	2387	4358
5 to 14 "	862	771	1633	741	674	1415	1603	1445	3048
15 to 24 "	1420	1208	2628	1102	959	2061	2522	2167	4689
25 to 34 "	2061	1330	3391	1320	954	2274	3381	2284	5665
35 to 44 "	3143	1631	4774	1859	899	2758	5002	2530	7532
45 to 54 "	5444	2485	7929	2888	1303	4191	8332	3788	12120
55 to 64 "	8761	4241	13002	4186	1899	6085	12947	6140	19087
65 & above	30623	25331	55954	8056	6149	14205	38679	31480	70159
N.R.	210	148	358	154	86	240	364	234	598
Total	54799	39155	93954	23681	16019	39700	78480	55174	133654

Table:22 - Deaths by religion in Kerala - district-wise - 1986

District	Rural/Urban		Hindus	Muslims	Christians	Others	Total
	1	2					
Thiruvananthapuram	Rural	4585	6131	10716	435	1287	6314
	Urban	645	954	1080	1287	2241	7730
Kollam	Rural	4856	933	1173	1490	1173	6974
	Urban	1460	192	317	1490	317	1985
Pathanamthitta	Rural	3023	95	2033	2436	2033	5151
	Urban	402	37	403	2436	403	842
Alappuzha	Rural	5204	308	1420	1984	1420	6932
	Urban	2479	266	564	1984	564	3309
Kottayam	Rural	4202	246	3401	3872	3401	7853
	Urban	712	52	471	3872	471	1239
Idukki	Rural	1562	175	1232	1389	1232	3171
	Urban	155	48	157	1389	157	360
Ernakulam	Rural	3480	563	2754	4972	2754	6801
	Urban	3296	758	2218	4972	2218	6272
Thrissur	Rural	7038	1189	2099	3012	2099	10329
	Urban	2489	577	913	3012	913	3979
Palakkad	Rural	9090	1262	354	388	354	10712
	Urban	1744	277	34	388	34	2055
Malappuram	Rural	4238	4803	316	6072	316	9357
	Urban	598	1269	41	6072	41	1911
Total	Rural	4585	435	1287	2241	1287	6314
	Urban	6131	954	2241	2241	954	7730

(Contd.)

1	2	3	4	5	6	7
Kozhikode	Rural	4078	2028	296	290	6692
	Urban	4491	2685	235	-	7411
	Total	8569	4713	531	290	14103
Vayanaad	Rural	1498	483	422	182	2585
	Urban	-	-	-	-	-
	Total	1498	483	422	182	2585
Kannur	Rural	5263	1704	784	-	7751
	Urban	1022	564	63	-	1649
	Total	6285	2268	847	-	9400
Kasaragod	Rural	2502	673	157	-	3332
	Urban	678	253	27	-	958
	Total	3180	926	184	-	4290
State	Rural	60619	14897	17728	710	93954
	Urban	25657	7623	6397	23	39700
	Total	86276	22520	24125	733	133654

(Table 22 contd.)

Table:23 - DEATHS DUE TO SOME SPECIFIED DECREASES IN TOWNS WITH POPULATION 30,000 AND ABOVE - 1986

Municipality/ Corporation	Total deaths	Fever	Dysentery & diarrhoea	Respiratory T.B.	Pulmonary tuberculosis	Tetanus	Diphtheria	Polio	Chicken pox	Can- cer	Lep- tospy	Rab- ies	Typh- oid	Preu- monia	Jaun- dice	Heart dis- cease	Rheu- matic comp- lains	Others	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Thiruvanan- thapuram(C)	7017	270	54	894	430	415	-	19	-	195	-	-	9	183	16	811	46	3675	
Nedumangad(M)	178	7	-	5	19	-	-	3	-	5	-	-	-	-	-	16	1	122	
Attingal(M)	114	-	-	7	8	-	-	2	-	5	-	-	-	-	1	27	-	64	
Varkala(M)	168	4	1	17	50	-	-	-	-	1	-	-	-	2	2	58	3	30	
Neyyattinkara	253	1	1	46	13	-	-	-	-	4	-	-	-	13	2	44	6	123	
Kollam	1689	12	4	51	25	7	-	1	-	14	-	2	-	56	-	401	10	1106	
Punalur	296	3	4	19	5	-	-	-	-	9	-	-	-	2	-	75	27	152	
Pathanamthitta	300	2	1	23	6	3	-	-	-	9	-	-	-	7	6	70	76	97	
Thiruvalla	542	33	4	124	26	-	-	-	-	17	-	-	-	9	2	123	57	146	
Kayamkulam	304	5	4	25	15	-	1	-	-	14	-	-	-	7	4	62	69	98	
Alappuzha	1907	66	34	104	124	31	-	18	-	49	-	3	3	18	1	338	215	903	
Sherthala	552	3	22	73	-	6	-	1	1	21	-	-	2	9	-	107	10	297	
Kottayam	507	5	12	47	32	-	-	-	-	19	-	3	-	3	-	91	8	287	
Changanacherry	249	4	3	37	13	-	-	-	-	6	-	-	1	1	2	45	31	106	
Thodupuzha	360	3	11	39	9	-	-	-	-	15	-	-	-	5	-	79	4	195	
Kochi Corporation	3952	7	8	245	148	-	-	-	-	77	-	-	-	64	7	1429	74	1893	
Thrippuni- thura (M)	338	7	1	23	4	-	-	-	-	9	-	-	-	10	1	104	7	172	
Kothamangalam	407	5	7	57	5	-	-	-	-	13	-	-	-	14	2	157	14	133	

(contd.)

(Table 23 contd.)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Angamaly (M)	424	-	1	14	23	-	-	-	-	-	3	-	-	-	10	1	146	1	225
Thrissur (M)	2519	13	6	123	84	-	-	-	-	-	17	-	-	-	51	6	716	17	1486
Chalakkudy	278	-	-	14	4	-	-	-	-	-	10	-	-	-	-	-	109	30	111
Chavakkad(M)	250	1	1	8	2	-	-	-	-	-	2	-	-	-	7	1	22	6	200
Palakkad (M)	1549	55	21	54	22	57	-	-	-	-	25	-	-	-	6	1	175	49	1084
Shornur	225	1	-	-	-	-	-	-	8	19	19	10	5	6	14	12	37	32	62
Chittur	281	2	5	15	8	3	-	-	-	-	6	-	-	-	2	4	63	18	155
Malappuram	256	14	4	31	1	-	-	-	-	-	25	-	-	-	5	-	30	37	109
Manjeri	833	32	12	72	5	2	-	-	17	-	26	-	-	5	12	1	232	26	391
Ponnani	287	5	5	30	3	-	-	-	-	-	11	-	-	2	17	-	40	26	148
Tirur	535	6	13	37	11	1	-	-	1	-	14	-	-	-	13	7	147	19	266
Kozhikode(C)	6916	118	56	594	170	123	-	-	206	-	98	-	2	-	184	7	1241	384	3733
Vadakara(M)	495	2	6	41	-	-	-	-	8	-	19	-	1	-	24	3	123	64	204
Kannur (M)	511	13	2	35	3	4	-	-	11	-	19	-	-	-	12	4	111	23	274
Thalassery	1138	27	14	123	3	22	-	-	41	-	14	-	-	-	13	6	377	104	394
Kasaragod (M)	422	13	4	40	27	6	1	1	-	1	18	-	-	-	14	7	95	38	158
Kanhangad (M)	536	20	5	21	38	5	1	1	-	3	26	-	-	4	6	6	85	36	280

Table:24 - Infant deaths by sex in Kerala district-wise - 1986

Districts	1		2		Total
	Rural	Urban	Male	Female	
Thiruvananthapuram	R 40	U 162	T 202	34	74
	R 122	U 111	T 233	75	197
Kollam	R 122	U 111	T 233	88	199
	R 75	U 34	T 109	163	396
Pathanamthitta	R 75	U 34	T 109	58	133
	R 44	U 185	T 229	27	61
Alappuzha	R 44	U 185	T 229	85	194
	R 171	U 40	T 211	144	373
Kottayam	R 171	U 40	T 211	109	280
	R 104	U 27	T 131	39	79
Idukki	R 104	U 27	T 131	148	359
	R 119	U 338	T 457	70	189
Ernakulam	R 119	U 338	T 457	276	614
	R 154	U 238	T 392	306	698
Thrissur	R 154	U 238	T 392	108	262
	R 174	U 140	T 314	171	345
Palakkad	R 174	U 140	T 314	106	246
	R 179	U 179	T 358	136	315
Malappuram	R 179	U 179	T 358	125	304
	R 58	U 539	T 597	60	118
Kozhikode	R 58	U 539	T 597	367	906
	R 40	U 162	T 202	71	273
Total	R 40	U 162	T 202	34	74

(Contd.)

Table:26 - Maternal deaths by age at death in Kerala - 1986

Age at death	Rural	URBAN		
		Towns with population 30,000 and above	All others	Total for all areas
1	2	3	4	5

Below 15 years

15 - 19

20 - 24

25 - 29

30 - 34

35 - 39

40 - 44

45 & above

Not reported

All ages

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