



GOVERNMENT OF KERALA

VITAL STATISTICS BULLETIN No. 51
1987

DEPARTMENT OF ECONOMICS & STATISTICS
THIRUVANANTHAPURAM

1992



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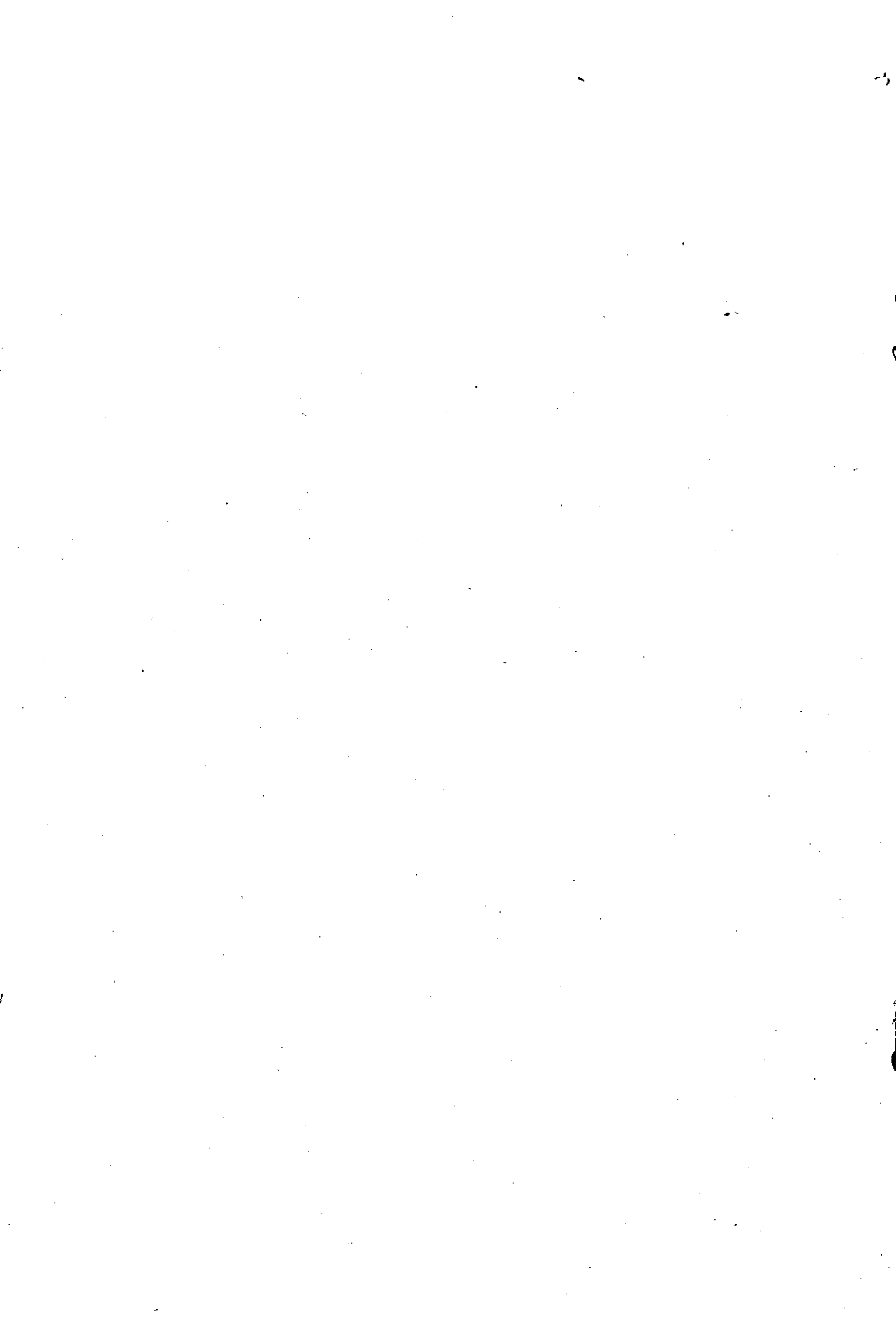
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P R E F A C E

This bulletin ^{presents} Vital Statistics of the State for the Calender Year 1987. The data relating to vital events are received from the registering authorities processed and vital rates estimated.

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

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DIRECTOR OF ECONOMICS & STATISTICS
Thiruvananthapuram,
20.3.1992.



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VITAL STATISTICS BULLETIN - 1987

Introduction

The Vital Statistics which are the incidence statistics derived out of registration statistics. The registration of births and deaths in Kerala is done at present in accordance with the provisions contained in the Birth and Death Registration Act, 1969 and Rules framed there under. The Civil registration under the above Act and rules is controlled and managed by the Director of Panchayats in the statutory capacity of Chief Registrar of Births and Deaths. The Additional Director of Economics and Statistics is the Additional Chief-Registrar of births and deaths. The births and deaths occurred in the area with its characteristics are registered by the local registrars ~~is~~ appointed for the purpose separately for the rural and urban areas. The Executive Officers in the Panchayats, the Health Officers in the City Corporations and Senior Health Inspectors in the Municipalities exercise the powers of local registrars in regard to the Civil Registration. The data relating to the vital events received from the registering authorities are compiled and tabulated in the Directorate of Economics and Statistics.

This bulletin presents the results of the analysis of the data on registered births and deaths for the year 1987.

2. Source of data

The Birth and Death Registration Act and Rules provide for the registration of births and deaths reported by the informants. The births are to be reported within 14 days and the deaths within 7 days immediately after the occurrence of the event. The events and its characteristics are recorded in registers for legal purpose. These details are transcribed from those registers to the birth and death cards and they are furnished to the Directorate of Economics and Statistics where the data in the cards are subjected to further processing and analysis.

3. Limitation of data

The registered vital events are less in number than the actual events occurred, due to under registration and incomplete coverage. The births and deaths are registered at the place of occurrence. Also the better medical facilities in the urban areas are availed of by the people in large number residing in rural areas. In view of those facts the registered births and death rates in urban areas are comparatively higher. The informants reporting the vital events and its characteristics to the registrars concerned include the laymen also. They are not aware of the morbid conditions or injuries leading to death. This may affect the causes of death reported. It is another limiting factor.

4. Processing of data

The data contained in, about 5.7 lakhs birth cards and 1.4 deaths cards for the year 1987 received in the Directorate are processed for further analysis.

5. Vital rates

the data available from the events reported are used for arriving at the following registered vital rates.

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

1. Crude Birth Rate

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

ii. Crude Death Rate

Crude death rates is the number of deaths per thousand population.

iii. Infant Death Rate

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

iv. Maternal Death Rate

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

v. Still Birth Rate

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

6. Birth and Birth Rates of the State for the year 1987

During the year under report, the details of 5.70 lakhs of registered live births have been analysed. Out of this 3.27 lakhs were from rural areas and the remaining 2.43 lakhs were from urban areas. The registered birth rate of the state during the year 1987 was 20.01 as against 20.26 during 1986. The rural and urban break-up of the rates were 13.19 and 65.02 respectively as against 13.54 and 65.02 in the previous year. The District-wise break-up of birth rate, death rate etc. are presented in Table-1. As in the previous years Malappuram recorded the highest birth rate (28.99) when compared to the previous year the birth rate derived during the year 1987. Other districts with birth rate above the state average were Thrissur (20.95), Kozhikode (22.45), Wayanad (21.23), Kannur (21.03) and Kasaragode (23.43).

7. Death and Death rate for the year 1987

During the year under report total number of death cards considered for analysis were 1.41 lakhs, of which 1 lakhs were from rural and 0.41 lakhs from urban areas. The registered death rate of the state during the year under report was 4.95 with urban and rural break-up of 10.98 and 4.05 respectively. As compared to the last year (4.88) there was a slight increase in death rate during the year under report. Kozhikode recorded the highest death rate (6.05) and Idukki the lowest (3.31). The death rates in the following districts were above the state average - Thiruvananthapuram (5.23), Pathanamthitta (5.03), Alappuzha (5.06), Kottayam (4.96), Thrissur (5.35), Palakkad (5.14).

8. Infant Death Rate for the year 1987

Total number of Infant Deaths during the year 1987 was 7485 as against 6398 in the previous year (1986). The infant death rate was 13.13 during 1987 with rural and urban break-up of 8.15 and 19.81 respectively. These rates were 11.28, 8.00 and 15.82 respectively in the previous year.

9. Maternal Death Rate

During the year 1987, the total number of Maternal Deaths derived from civil registration data recorded in the state was 70, of which 20 were from Thiruvananthapuram. In Ernakulam district no maternal deaths were seen registered. The maternal death rate in the state worked out to 0.12.

10. Still Birth Rate

The total number of still births registered during the year under report was 3694 as against 3236 in the previous year. The number of still births increased during the year 1987 as compared to the previous year. Kozhikode district registered the highest number (794) of which 793 was in urban area. The still birth rate in the state during 1987 worked out to 6.44 with rural and urban break-up of 2.89 and 11.17 respectively.

11. Conclusion

It is seen that all vital rates except birth rate increased during the year under report when compared to the previous year. More over, all the vital rates were higher in the urban areas than that in the rural areas in 1987 as in the previous years. This may be due to the fact that the registration is defacto and the better medical facilities in the urban areas utilised by the people in the rural areas also, adds to the increase in rates in urban areas.

As in the previous year, Malappuram recorded the highest birth rate while Kozhikode recorded the highest death rate.

Eventhough the registration of births and deaths is compulsory, all the vital events in the state have not been got registered. The fact that the people are not aware of the importance of registration of vital events may be responsible for incomplete coverage in registration of vital events.

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Table - 1: Total number of live births, deaths, still births, infant deaths and maternal deaths and their rates 1987

District	Estimated Rural/Urban population (000s)	Live Births			Deaths			
		Number	Rate		Number	Rate		
			1987	1986		1987	1986	
1	2	3	4	5	6	7	8	9
Thiruvananthapuram	Rural	2223	15306	6.89	7.08	7444	3.35	2.89
	Urban	684	41575	60.78	60.56	7762	11.35	11.49
	Total	2907	56881	19.57	19.69	15206	5.23	4.92
Kollam	Rural	2262	26773	11.84	12.14	9916	4.38	3.14
	Urban	194	15448	79.63	74.73	2064	10.64	10.34
	Total	2456	42221	17.19	17.13	11980	4.88	3.72
Pathanamthitta	Rural	1173	15126	12.90	14.98	5226	4.46	4.47
	Urban	67	8089	120.73	100.06	1009	15.06	12.76
	Total	1240	23215	18.72	19.59	6235	5.03	4.92
Alappuzha	Rural	1750	12349	7.06	7.11	7242	4.14	4.04
	Urban	338	17783	52.61	52.19	3319	9.82	9.85
	Total	2088	30132	14.43	14.49	10561	5.06	4.99
Kottayam	Rural	1734	21229	12.24	12.37	8140	4.69	4.61
	Urban	166	10418	62.75	61.38	1284	9.73	7.51
	Total	1900	31647	16.66	16.70	9424	4.96	4.87
Idukki	Rural	1035	13051	12.61	12.27	3243	3.13	3.11
	Urban	50	4260	85.20	87.50	344	6.88	7.50
	Total	1085	17311	15.95	15.65	3587	3.31	3.31

(Contd.)

(Table 1 contd..)

1	2	3	4	5	6	7	8	9
Ernakulam	Rural	2050	12886	6.29	6.14	7401	3.61	3.38
	Urban	789	38135	4833	47.98	6625	8.40	8.06
	Total	2839	51021	17.97	17.82	14026	4.94	4.69
Thrissur	Rural	2473	32001	12.94	12.95	10614	4.29	4.26
	Urban	258	25215	97.73	99.84	3992	15.47	15.54
	Total	2731	57216	20.95	21.28	14606	5.33	5.33
Palakkad	Rural	2097	34213	16.32	19.31	9678	4.62	5.20
	Urban	192	10456	54.46	52.67	2095	10.91	10.87
	Total	2289	44669	19.51	22.12	11773	5.14	5.68
Malappuram	Rural	2484	62366	25.11	26.27	9136	3.68	3.83
	Urban	206	15623	75.84	81.34	1895	9.20	9.51
	Total	2690	77989	28.99	30.46	11031	4.10	4.26
Kozhikode	Rural	2004	25557	12.75	12.76	7486	3.74	3.40
	Urban	510	30889	60.57	61.05	7730	15.16	14.76
	Total	2514	56446	22.45	22.58	15216	6.05	5.71
Wayanad	Rural	621	13182	21.23	20.97	2651	4.27	42.24
	Urban	-	-	-	-	-	-	-
	Total	621	13182	21.23	20.97	2651	4.27	4.24
Kannur	Rural	2011	30036	14.94	12.97	8325	4.14	3.92
	Urban	151	15425	102.15	96.38	1646	10.90	11.07
	Total	2162	45461	21.03	18.82	9971	4.61	4.43

(Contd.)

(Table 1 contd..)

1	2	3	4		5	6	7	8	9
			Number	Rate					
Kasaragod	Rural	873	12906	14.78	14.97	3808	4.36	3.88	
	Urban	104	9986	96.02	97.91	972	9.35	3.39	
	Total	977	22892	23.43	23.78	4780	4.89	5.15	
STATE	Rural	24790	326981	13.19	13.54	100310	4.05	3.98	
	Urban	3709	243302	65.60	65.02	40737	10.98	10.84	
	Total	28499	570283	20.01	20.26	141047	4.95	4.88	

(Table 1 contd..)

District	Rural/ Urban	Still births				Infant Deaths				Maternal Deaths			
		Number	Rate		Number	Rate		Number	Rate				
			1987	1986		1987	1986		1987	1986			
1	2	10	11	12	13	14	15	16	17	18	18		
Thiruvananthapuram	Rural	14	0.91	0.32	110	7.19	4.79	19	1.24	-	-		
	Urban	138	3.31	1.25	854	20.54	4.88	1	0.02	-	-		
	Total	152	2.67	1.00	964	16.95	4.86	20	0.35	-	-		
Kollam	Rural	157	5.83	5.90	208	7.77	7.31	3	0.11	-	-		
	Urban	122	7.84	12.12	260	16.83	13.87	2	0.13	-	-		
	Total	279	6.56	8.07	468	11.08	9.59	5	0.12	-	-		
Pathanamthitta	Rural	20	1.32	0.87	87	5.75	7.71	1	0.07	-	-		
	Urban	56	6.88	5.12	95	11.74	9.24	-	-	-	-		
	Total	76	3.26	2.05	182	7.74	8.13	1	0.04	-	-		
Alappuzha	Rural	23	1.86	1.88	104	8.42	6.14	-	-	-	-		
	Urban	63	3.53	1.25	274	15.41	16.99	2	0.11	-	-		
	Total	86	2.85	1.51	378	12.54	12.54	2	0.07	-	-		

(Contd.)

(Table 1 contd.)

1	2	10	11	12	13	14	15	16	17	18
Kottayam	Rural	5	0.24	0.71	237	11.16	13.30	4	0.19	-
	Urban	88	8.38	9.00	88	8.45	7.80	1	0.10	-
	Total	93	2.93	3.42	325	10.27	11.51	5	0.16	-
Idukki	Rural	-	-	1.68	209	16.01	16.26	13	1.00	-
	Urban	30	6.49	0.73	43	10.09	10.71	-	-	-
	Total	30	1.73	3.46	252	14.56	14.86	13	0.75	-
Ernakulam	Rural	61	4.71	5.24	161	12.49	15.31	-	-	-
	Urban	336	8.73	6.45	621	16.28	16.45	-	-	-
	Total	397	7.72	6.18	782	15.33	16.17	-	-	-
Thrissur	Rural	39	1.22	3.33	235	7.34	8.34	2	0.06	0.04
	Urban	280	10.98	6.76	348	13.80	17.06	2	0.08	0.02
	Total	319	5.64	4.87	583	10.19	12.25	4	0.07	-
Palakkad	Rural	234	6.79	3.58	329	9.62	8.68	2	0.06	-
	Urban	237	22.16	20.95	295	28.21	24.71	4	0.37	-
	Total	471	10.43	7.11	624	13.97	11.89	6	0.13	-
Malappuram	Rural	164	2.62	2.19	327	5.24	4.91	3	0.05	0.06
	Urban	264	16.62	19.49	254	16.26	18.59	-	-	-
	Total	428	5.46	5.76	581	7.45	7.69	3	0.04	0.01
Kozhikode	Rural	1	0.04	1.23	100	3.91	4.70	-	-	-
	Urban	793	25.03	21.46	1335	43.22	29.56	2	0.06	-
	Total	794	13.87	12.45	1435	25.42	18.36	2	0.03	-
Wayanad	Rural	112	8.43	10.44	205	15.55	11.49	2	0.15	-
	Urban	-	-	-	-	-	-	-	-	-
	Total	112	8.43	10.44	205	15.55	11.49	2	0.15	-

(Contd.)

(Table 1 contd.)

1	2	10	11	12	13	14	15	16	17	18
Kannur	Rural	99	3.29	2.34	226	7.52	6.79	5.	0.17	0.04
	Urban	155	9.95	9.79	194	12.58	14.27	-	-	-
	Total	254	5.56	5.03	420	9.24	9.48	5	0.11	0.02
Kasaragod	Rural	17	1.32	2.10	126	9.76	9.74	2	0.15	-
	Urban	186	18.29	10.70	160	16.02	16.92	-	-	-
	Total	203	8.79	5.88	286	12.49	12.88	2	0.09	-
STATE	Rural	946	2.89	2.86	2664	8.15	8.00	56	0.17	-
	Urban	2748	11.17	9.54	4821	19.81	15.82	14	0.06	0.01
	Total	3694	6.44	5.67	7485	13.13	11.28	70	0.12	0.01

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

Sl. District No.	Population				Population not under Registration				Population of towns with 30'000 and above		
	Rural		Urban		Rural		Urban		Male	Female	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
3	4	5	6	7	8	9	10	11	12	13	
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. Ernakulam	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. Wayanad	554	284	270	-	-	-	-	-	-	-	-
13. Kannur	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

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	Birth			Death			Still birth	Infant deaths	Ma na de
	Total	Male	Female	Total	Male	Female			
1	2	3	4	5	6	7	8	9	10
Thiruvananthapuram Corporation	31718	16149	15569	7004	4168	2836	106	786	-
Nedumangad Municipality	2199	1105	1094	202	120	82	7	9	1
Attungal "	880	424	456	124	70	54	13	2	-
Varkala "	3324	1665	1659	162	110	52	8	16	-
Neyyattin- kara "	3454	1745	1709	270	171	99	4	41	-
Kollam "	12537	6333	6204	1743	1035	708	84	232	-
Punalur "	2911	1493	1418	321	168	153	38	25	2
Pathanam- thitta "	3370	1722	1648	305	193	112	27	32	-
Thiruvalla "	4719	2416	2303	704	403	301	29	63	-
Kayamkulam "	2795	1423	1372	330	192	138	23	28	-
Alappuzha "	7840	4013	3827	1905	1084	821	4	153	1
Cherthala "	2762	1390	1372	522	316	206	22	59	-
Kottayam "	4021	2147	1874	4910	326	165	28	28	1
Changana- cherry "	2384	1181	1203	289	182	107	22	27	-
Thodupuzha "	4260	2183	2077	344	207	137	30	43	-
Kochi Corpo- ration	16118	8284	7834	4313	2775	1538	164	375	-
Thrissur Municipality	2572	1295	1277	314	198	116	28	25	-
Kothaman- galam "	4511	2231	2280	381	227	154	17	61	-

(Contd.)

(Table 3 contd.)

1	2	3	4	5	6	7	8	9	10
Angamali "	2569	1329	1240	404	245	159	21	50	-
Thrissur "	14519	7198	7321	2472	1395	1077	209	221	2
Chalakkudy "	1931	981	950	309	212	97	8	23	-
Kodungal- lur "	2256	1169	1087	319	217	102	9	17	-
Chavakkad "	1197	598	599	220	119	101	15	10	-
Palakkad "	8238	4211	4027	1572	935	637	213	253	3
Shornur "	739	327	412	223	133	90	-	9	-
Chittoor-Thatha- mangalam Mty.	1479	690	789	300	178	122	24	33	1
Malappuram "	2666	1354	1312	317	180	137	75	51	-
Manjeri "	4765	2516	2249	818	497	321	90	92	-
Ponnani "	3040	1525	1515	272	160	112	56	27	-
Tirur "	5152	2736	2416	488	308	180	43	84	-
Kozhikode Corporation	25069	12584	12485	7209	4462	2747	756	1284	1
Vadakara Mty.	5820	2947	2873	521	317	204	37	51	1
Kannur "	5141	2608	2533	544	312	232	32	74	-
Thalasserry "	10284	5203	5081	1102	618	484	123	120	-
Kasaragode "	5487	2773	2714	495	272	223	112	82	-
Kanhangad "	4499	2310	2189	477	309	168	74	78	-

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 1987

Districts	Births	Deaths	Still births	Infant deaths	Maternal deaths
1	2	3	4	5	6
Thiruvananthapuram	41575	7762	138	854	1
Kollam	15448	2064	122	260	2
Pathanamthitta	8089	1009	56	95	-
Alappuzha	13397	2757	49	240	2
Kottayam	6405	780	50	55	1
Idukki	4260	344	30	43	-
Ernakulam	25770	5412	230	511	-
Thrissur	19903	3320	241	271	2
Palakkad	10456	2095	237	295	4
Malappuram	15623	1695	264	254	-
Kozhikode	30889	7730	793	1335	2
Wayanad	-	-	-	-	-
Kannur	15425	1646	155	194	-
Kasaragode	9986	972	186	160	-
State	217226	37786	2551	4567	14

Table 5: Total number of vital events and its rates in corporations and municipalities - 1987

Corporation/ Municipality	Live births			Deaths			Still births			Infant death			Maternal deaths			
	Number	Rate	3	Number	Rate	5	Number	Rate	7	Number	Rate	9	Number	Rate	11	
	2	4	4	4	4	4	6	6	7	8	8	9	10	10	11	
Thiruvananthapuram Corpn.	31718	59.14	7004	13.06	106	3.33	786	24.78	-	-	-	-	-	-	-	-
Nedumangad Municipality	2199	45.50	202	4.18	7	3.17	9	4.09	1	0.45	-	-	-	-	-	-
Varkala	3324	90.46	162	4.41	8	2.40	16	4.81	-	-	-	-	-	-	-	-
Neyyattinkara	3454	111.88	270	8.75	4	1.16	41	11.87	-	-	-	-	-	-	-	-
Attungal	880	28.01	124	3.95	13	14.56	2	2.27	-	-	-	-	-	-	-	-
Kollam	12537	85.04	1743	11.82	84	6.66	232	18.51	-	-	-	-	-	-	-	-
Punalur	2911	62.70	321	6.91	38	12.89	28	9.62	2	0.68	-	-	-	-	-	-
Pathanamthitta	3370	93.68	305	8.48	27	7.95	32	9.50	-	-	-	-	-	-	-	-
Thirvalla	4719	152.43	704	22.74	29	6.11	63	13.85	-	-	-	-	-	-	-	-
Alappuzha	7840	44.44	1905	10.80	4	0.51	153	19.52	1	0.13	-	-	-	-	-	-
Cherthala	2762	64.15	522	12.12	22	7.90	59	21.36	-	-	-	-	-	-	-	-
Mavelikkara	3236	118.90	339	12.46	7	2.16	29	8.96	-	-	-	-	-	-	-	-
Kayamakulam	2795	42.10	330	4.97	23	8.16	28	8.59	-	-	-	-	-	-	-	-
Chengannur	1150	45.68	223	8.86	7	6.05	9	7.83	1	0.86	-	-	-	-	-	-
Kottayam	4021	59.47	491	7.26	28	6.92	28	6.96	1	0.25	-	-	-	-	-	-
Changanacherry	2384	43.96	289	5.33	22	9.14	27	11.33	-	-	-	-	-	-	-	-
Vaikom	1245	57.08	194	8.89	7	5.59	11	8.84	-	-	-	-	-	-	-	-
Pala	2768	122.88	310	13.76	31	11.08	22	7.95	-	-	-	-	-	-	-	-
Thodupuzha	4260	84.77	344	6.85	30	0.99	43	10.02	-	-	-	-	-	-	-	-
Kochi Corporation	16118	28.45	4313	7.61	164	10.07	375	28.27	-	-	-	-	-	-	-	-
Thrippunithura Municipality	2572	52.69	314	6.43	28	9.24	25	9.72	-	-	-	-	-	-	-	-
Kothamangalam	4511	121.97	381	10.30	17	3.75	61	13.52	-	-	-	-	-	-	-	-
Aluva	5045	193.48	374	14.34	55	10.78	44	8.72	-	-	-	-	-	-	-	-
Paravoor	2095	76.01	319	11.57	23	10.86	9	4.30	-	-	-	-	-	-	-	-
Angalamali	2569	82.83	404	13.02	21	8.11	50	19.46	-	-	-	-	-	-	-	-
Perumbavoor	2700	109.94	288	11.73	15	5.52	39	14.44	-	-	-	-	-	-	-	-

(Contd.)

(Table 5 contd.)

	1	2	3	4	5	6	7	8	9	10	11
Muvattupuzha Municipality	2525	91.04	232	8.46	17	6.69	18	7.13	-	-	-
Thrissur	14519	183.77	2472	31.29	209	14.19	221	15.22	2	0.14	-
Chalakkudy	1931	43.01	309	6.88	8	4.13	23	11.91	-	-	-
Chavakkad	1197	31.62	220	5.81	15	12.38	10	8.35	-	-	-
Irinjalakuda	1545	58.21	235	8.85	17	10.88	16	10.36	-	-	-
Kunhamkulam	2869	142.38	322	15.98	16	5.55	50	17.43	-	-	-
Guruvayoor Township	898	46.65	115	5.97	6	6.63	11	12.25	-	-	-
Kodungallur Municipality	2256	74.81	319	10.58	9	3.97	17	7.54	-	-	-
Palakkad	8238	67.36	1572	12.85	213	25.20	253	30.71	3	0.36	-
Shornur	739	19.58	223	5.91	-	-	9	12.18	-	-	-
Chittoor-											
Thathamangalam	1479	46.70	300	9.47	24	15.97	33	22.31	1	0.68	-
Malappuram	2666	58.38	317	6.94	75	27.36	51	19.63	-	-	-
Manjeri	4765	74.35	818	12.76	90	18.54	92	19.31	-	-	-
Ponnani	3040	62.34	272	5.58	56	18.09	27	8.88	-	-	-
Thirur	5152	108.83	488	10.31	43	8.28	84	16.30	-	-	-
Kozhikode Corporation	25069	57.20	7209	16.45	756	29.27	1284	51.22	1	0.04	-
Vadakara Municipality	5820	81.24	521	7.27	37	6.32	51	8.76	1	0.17	-
Kannur	5141	79.28	544	8.39	32	6.19	74	14.39	-	-	-
Thalassery	10284	128.21	1102	13.74	123	11.68	120	11.67	-	-	-
Kasaragod	5487	111.39	495	10.05	112	20.00	82	14.94	-	-	-
Kanhangad	4499	81.97	477	8.69	74	16.18	78	17.34	-	-	-

Table 6: Live births by type of attention at delivery - 1987 Rural and Urban

District	R U R A L										U R B A N				
	Total					Towns with population below 30000					Towns with population above 30000				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
			Institutional	Domciliary	Physi- cian Nurse & trained Midwife	Unqua- lified Mid- wife	Others	Insti- tutional	Domciliary	Physi- cian Nurse & trained Midwife	Others	Insti- tutional	Domciliary	Physi- cian Nurse & trained Midwife	Others
Thiruvananthapuram	56881	12541	64	569	2132	-	-	-	-	-	-	41563	3	1	8
Kollam	42221	23996	714	771	1352	-	-	-	-	-	-	15441	2	3	2
Pathanamthitta	23215	13333	84	1127	582	-	-	-	-	-	-	8087	-	-	2
Alappuzha	30132	10104	714	1127	404	4182	23	116	19	11527	411	269	57	22	1190
Kottayam	31647	19587	257	341	1044	3994	-	-	-	-	-	6280	46	-	22
Idukki	17311	10789	528	508	1226	-	-	-	-	-	-	4255	-	5	-
Ernakulam	51021	12272	120	271	223	12360	-	-	-	5	5	25738	-	15	17
Thrissur	57216	29987	803	1102	109	5311	-	-	-	1	1	19842	-	-	61
Palakkad	44669	24521	79	131	9482	-	-	-	-	-	-	10343	39	63	11
Malappuram	77989	34666	596	7298	19806	-	-	-	-	-	-	14454	19	1118	32
Kozhikode	56446	21972	461	1346	1778	-	-	-	-	-	-	30564	64	12	249
Wayanad	13182	10198	133	1615	1236	-	-	-	-	-	-	-	-	-	-
Kannur	45461	24669	1083	3435	849	-	-	-	-	-	-	15218	133	26	48
Kasaragod	22892	6670	112	314	5810	-	-	-	-	-	-	9906	-	12	68
State	570283	255245	5748	19955	46033	25847	65	23	141	213218	717	1581	1710		

Table 7: Live births according to order of birth and literacy of mother for the state (Rural) - 1987

Order of birth	Illiterate	Literacy				Total
		Below Matriculation	Matriculation Higher secondary & equivalent	Graduation & above	Not reported	
1	2	3	4	5	6	7
01	9179	73499	40120	5911	-	128709
02	8666	61733	26093	3005	-	99497
03	6124	34922	8374	668	-	50088
04	3743	15577	1790	100	-	21210
05	2439	7808	387	18	-	10652
06	1675	4564	126	16	-	6381
07	1153	2563	52	3	-	3771
08	793	1581	24	3	-	2401
09	402	846	18	1	-	1267
10	254	494	10	-	-	758
11 & above	96	224	8	-	-	328
NR	329	1048	474	68	-	1919
Total	34853	204859	77476	9793	-	326981

Table 8: Live births according to order of birth and literacy of mother for the state (Urban) - 1987

Order of birth	Illiterate	Literacy				Total
		Below Matriculation	Matriculation Higher secondary & equivalent	Graduation & above	Not reported	
1	2	3	4	5	6	7
01	4169	57956	39745	9576	-	111446
02	3488	43769	25407	5654	-	78318
03	2442	22128	7775	1091	-	33436
04	1381	7617	1459	188	-	10645
05	840	3128	341	34	-	4343
06	459	1502	87	11	-	2059
07	264	729	32	6	-	1031
08	176	490	8	-	-	674
09	82	206	8	2	-	297
10	50	121	3	-	-	182
11 & above	20	45	3	-	-	68
NR	101	367	290	55	-	803
Total	13480	138047	75158	16517	-	243302

Table 9: Live births according to order of birth and literacy of father for the state (Rural) - 1987

Order of birth	Illiterate	Literacy				Total
		Below Matriculation	Matriculation Higher secondary & equivalent	Graduation & above	Not reported	
1	2	3	4	5	6	7
01	8310	76659	37626	6114	-	128709
02	7308	63597	24790	3802	-	99497
03	4980	35526	8227	1355	-	50088
04	2910	15890	2075	335	-	21210
05	1892	8009	595	156	-	10652
06	1281	4829	239	32	-	6381
07	870	2756	126	19	-	3771
08	616	1715	63	7	-	2401
09	294	930	40	3	-	1267
10	193	549	16	-	-	758
11 & above	62	254	11	1	-	328
NR	233	1197	408	81	-	1919
Total	28949	21191	74216	11905	-	326981

Table 10: Live births according to order of birth and literacy of Father for the state (Urban) - 1987

Order of birth	Illiterate	Literacy				Total
		Below Matriculation	Matriculation Higher secondary & equivalent	Graduation & above	Not reported	
1	2	3	4	5	6	7
01	3660	59318	38071	10397	-	111446
02	3275	43050	25021	6972	-	78318
03	2018	21875	7950	1593	-	33436
04	1044	7453	1793	355	-	10645
05	630	3089	539	85	-	4343
06	346	1526	170	17	-	2059
07	203	738	79	11	-	1031
08	110	526	33	5	-	674
09	52	221	10	4	-	297
10	42	131	9	-	-	182
11 & above	20	40	5	3	-	68
NR	78	402	257	66	-	803
Total	11488	138369	73937	19503	-	2443302

Table 11: Live births according to order of birth and occupation of father
Kerala rural 1987

Order of birth	Services										
	1	2	3	4	5	6	7	8	9	10	11
		Professional, technical and related workers	Administrative and managerial workers	Clerical	Sales workers	Service workers	Loggers etc. related workers	Productive and related workers transport equipments & laborers	Others whose occupation is not elsewhere classified.	Plan workers	Total
01	3376	1226	3788	12649	7087	18865	63064	7089	11565	128709	
02	2209	765	2742	9279	5270	14711	52208	4933	7380	99497	
03	696	232	945	4724	2350	7124	28050	2603	3364	50088	
04	201	43	276	2178	819	2966	12430	1150	1147	21210	
05	74	20	86	1157	396	1481	6304	553	581	10652	
06	12	8	31	752	225	962	3769	313	309	6381	
07	14	2	21	471	129	598	2144	191	201	3771	
08	14	3	15	301	77	406	1343	97	145	2401	
09	5	4	6	166	51	232	660	69	74	1267	
10	1	-	1	92	21	146	405	34	58	758	
11 & above	2	-	-	55	12	95	134	13	17	328	
NR	27	13	67	180	129	356	755	181	211	1919	
Total	6631	2316	7978	32004	16566	47942	171266	17226	25052	326981	

Table 12: Live births according to order of birth and occupation of father -
Kerala Urban 1987

Order of birth	Occupation of father											
	1	2	3	4	5	6	7	8	9	10	11	
		Professional, technical and related workers	Administrative and executive	Clerical	Sales workers	Service workers	Man has been loggers etc. related workers	Services fisherman has been loggers etc. related workers	Productive and related workers transport equipments & laborers	Others whose occupation is not elsewhere classified.	Plan workers	Total
01	4775	1773	4990	14289	6911	7201	59001	6597	5909	111446		
02	3265	1273	3435	10039	4872	5444	40885	4812	4293	78318		
03	963	339	578	4170	1760	2597	19025	1877	1727	33436		
04	183	91	223	1556	551	771	6074	586	608	10645		
05	49	39	85	710	212	317	2414	251	266	4343		
06	14	3	39	353	90	167	1149	124	120	2059		
07	7	7	17	211	42	101	528	61	64	1031		
08	3	1	3	119	36	63	376	24	50	674		
09	2	-	1	57	12	42	153	14	16	297		
10	-	-	2	38	6	21	94	8	13	182		
11 & above	-	-	1	16	2	10	31	3	5	68		
NR	41	11	32	96	49	54	392	59	69	803		
Total	9302	3530	9806	31654	14543	16788	130121	14418	13140	243302		

Table 13: Live birth by order of birth and age of mother, Kerala - 1987 (Rural)

Order of Birth	AGE OF MOTHER										
	Below 15 years	15-19	20-24	25-29	30-34	35-39	40-44	45 and above	NR	All ages	
	1	2	3	4	5	6	7	8	9	10	11
01	57	31497	72256	20403	3496	771	85	23	121	128709	
02	1	4747	54183	30781	7899	1636	115	40	95	99497 99497	
03	-	805	17885	21652	7276	2248	147	42	33	50088	
04	-	-	4070	9801	4936	2122	205	57	19	21210	
05	-	-	831	3897	3493	2090	272	60	9	10652	
06	-	-	198	1445	2354	1967	338	69	10	6331	
07	-	-	-	407	1198	1700	379	75	12	3771	
08	-	-	-	154	530	1277	351	84	5	2401	
09	-	-	-	140	204	698	253	69	3	1267	
10	-	-	-	35	92	381	220	56	4	758	
11 & above	-	-	-	33	51	142	98	34	-	328	
NR	-	75	592	452	144	160	72	23	401	1919	
Total	58	37124	150015	89040	31673	15192	2535	632	712	326981	

Table 14: Live birth by order of birth and age of mother, Kerala - 1987 (Urban)

Order of Birth	Below 15 years	AGE OF MOTHER										NR	All ages
		2	3	4	5	6	7	8	9	10	11		
01	22	20049	60743	24069	5043	1234	99	11	176	111446			
02	-	3214	35627	29252	8363	1598	105	25	134	78318			
03	-	496	10672	14957	5574	1594	80	21	42	33436			
04	-	2	2122	4753	2613	1052	78	11	14	10645			
05	-	-	415	1506	1333	953	111	16	9	4343			
06	-	-	40	576	784	595	90	20	4	2059			
07	-	-	-	177	352	748	78	4	2	1031			
08	-	-	1	48	209	326	77	13	-	674			
09	-	-	-	14	77	145	49	11	1	297			
10	-	-	-	4	25	96	47	8	2	182			
11 & above	-	-	-	1	4	34	21	8	-	68			
NR	-	46	206	148	47	34	35	22	265	803			
Total	22	23807	109826	75505	24374	8079	870	170	649	243302			

Table 15: Live births according to age of mother in the municipalities & corporations of Kerala - 1987

Name of Municipality/ Corporation	Below 15 yrs.		15-19	20-24	25-29	30-34	35-39	40-44	45 & above	NR	Total
	1	2	3	4	5	6	7	8	9	10	11
Thiruvananthapuram Corporation	-	-	2032	17223	8782	2864	649	54	14	100	31718
Neyyattinkara Municipality	-	-	224	1818	1138	221	51	1	-	1	3454
Nedumangad	1	1	210	1270	578	111	24	-	-	5	2199
Attingal	2	2	84	481	236	67	9	-	-	1	880
Varkala	-	-	382	1609	984	272	49	10	1	17	3324
Kollam	-	-	424	6314	5242	424	98	15	2	18	12537
Punalur	-	-	263	1543	872	187	33	4	-	9	2911
Pathanamthitta	-	-	209	1671	1156	266	61	6	1	-	3370
Thiruvalla	-	-	152	1816	1944	643	140	21	3	-	4719
Alappuzha	-	-	922	3615	2201	907	145	9	6	35	7840
Chengannur	-	-	117	444	433	130	24	1	-	1	1150
Mavelikkara	-	-	296	1624	962	271	64	11	1	7	3236
Kayamkulam	-	-	317	1426	843	165	35	1	1	7	2795
Cherthala	-	-	146	1231	1009	293	58	10	15	-	2762
Kottayam	-	-	202	1821	1429	444	119	5	-	1	4021
Palai	-	-	82	1052	1130	385	90	11	2	16	2768
Changanacherry	-	-	151	1164	788	230	41	10	-	-	2384
Vaikom	-	-	218	429	370	123	92	-	-	13	1245
Thodupuzha	-	-	185	1530	1732	638	156	19	-	-	4260
Kochi Corporation	1	1	1166	6580	5880	1954	415	36	9	77	16118
Muvattupuzha Municipality	-	-	194	1290	798	176	56	5	-	6	2525
Kothamangalam	-	-	256	2001	1646	464	129	11	1	3	4511
Thrippunithura	-	-	115	1162	957	280	46	7	-	5	2572
Aluva	-	-	400	2618	1543	377	94	4	-	9	5045

(Contd.)

(Table 15 contd.)

1.	2	3	4	5	6	7	8	9	10	11
Parur Municipality	-	127	996	702	190	65	12	1	-	2095
Perumbavoor Municipality	-	154	1277	1021	187	49	8	1	3	2700
Angamali	-	36	1319	1034	154	22	4	-	-	2569
Thrissur	-	1055	6594	4939	1484	338	31	2	76	14519
Kodungallur	-	159	973	779	273	67	4	1	-	2256
Irinjalakuda	-	94	689	557	155	45	4	-	1	1545
Chalakkudy	-	141	1021	614	138	14	1	-	2	1931
Kunnamkulam	-	491	1170	898	221	80	6	2	1	2869
Chavakkad	-	140	532	342	115	61	5	2	-	1197
Guruvayoor Township	-	132	380	268	96	21	1	-	-	828
Palakkad Municipality	-	875	3691	2483	795	339	40	6	9	8238
Shornur	-	80	366	184	85	25	1	-	-	732
Chittoor-Thathamangalam Municipality	-	162	620	426	181	82	6	-	2	1479
Malappuram	5	573	910	647	301	177	41	9	3	2666
Manjeri	-	748	655	1250	1231	776	66	22	17	4765
Ponnani	-	272	589	625	1035	502	17	-	-	3040
Tirur	-	502	1151	1665	956	713	125	28	12	5152
Kozhikode Corporation	6	4175	11293	6422	2145	805	82	7	134	25069
Vadakara Municipality	6	1177	2778	1261	389	174	29	5	1	5820
Kannur	1	728	2289	1399	479	205	26	8	6	5141
Thalasserry	-	1662	4606	2589	939	417	53	7	11	10284
Kasaragod	-	914	2101	1532	580	296	43	7	14	5487
Kanhangad	-	567	2129	1158	371	128	14	6	26	4499

Table 16: Live births by religion in the municipalities and corporation of Kerala - 1987

Municipalities/ Corporation	Hindu	Muslims	Chris- tians	Others	Total
1	2	3	4	5	6
Thiruvananthapuram Corporation	25625	3417	2675	1	31718
Neyyattinkara Municipality	2168	142	1144	-	3454
Nedumanagad	1566	407	226	-	2199
Attingal	570	304	6	-	880
Varakala	2753	543	28	-	3324
Kollam	9971	1461	1105	-	12537
Punalur	1727	517	667	-	2911
Pathanamthitta	1843	237	1290	-	3370
Thiruvalla	3073	106	1540	-	4719
Alappuzha	4325	1916	1596	3	7340
Chengannur	838	8	304	-	1150
Mavelikkara	2412	222	602	-	3236
Kayamkulam	2009	497	288	1	2795
Cherthala	2429	47	286	-	2762
Kottayam	1592	330	2099	-	4021
Palai	1200	32	1531	5	2768
Changanacherry	1401	191	792	-	2384
Vaikom	713	67	464	1	1245
Thodupuzha	1635	620	2005	-	4260
Kochi Corporation	6831	2963	6287	37	16118
Muvattupuzha Municipality	1219	692	611	3	2525
Kothamangalam	1712	801	1997	1	4511
Thrissur	1967	60	545	-	2572
Aluva	2358	1843	838	6	5045
Parur	1622	204	269	-	2095
Perumbavoor	1299	605	796	-	2700
Angamali	9993	16	1560	-	2569
Thrissur	8572	1205	4742	-	14519
Kodungallur	1504	637	115	-	2256
Irinjalakuda	1178	131	236	-	1545
Chalakkudy	985	99	846	1	1931
Kunnankulam	1663	959	247	-	2869
Chavakkad	458	710	29	-	1197
Guruvayoor Township	426	430	42	-	898
Palakkad Municipality	6473	1613	151	1	8238
Shornur	623	105	11	-	739
Chittur-Thathamangalam Municipality	1303	163	13	-	1479
Malappuram	673	1958	35	-	2666
Manjeri	1120	3631	14	-	4765
Ponnani	1256	1784	-	-	3040
Tirur	1238	3875	39	-	5152
Kozhikode Corporation	14621	9595	837	16	25069
Vadakara Municipality	3077	2724	18	1	5820
Kannur	2220	2818	102	1	5141
Thalasseri	5895	4245	144	-	10284
Kasaragode	2575	2847	65	-	5487
Kanhangad	3029	1067	403	-	4499

Table 17: Live birth, religion in Kerala - District-wise 1987

District	Rural/ Urban	Total Births	Hindu	Muslim	Christian	Others
1	2	3	4	5	6	7
Thiruvananthapuram	Rural	15306	10194	1896	3213	3
	Urban	41575	32682	4813	4079	1
	Total	56881	42876	6709	7292	4
Kollam	Rural	26773	17481	4730	4561	1
	Urban	15448	11698	1978	1772	-
	Total	42221	29179	6708	6333	1
Pathanamthitta	Rural	15126	8504	720	5901	1
	Urban	8089	4916	343	2830	-
	Total	23215	13420	1063	8731	1
Alappuzha	Rural	12349	8503	958	2878	10
	Urban	17783	12013	2690	3076	4
	Total	30132	20516	3648	5954	14
Kottayam	Rural	21229	8149	1502	11567	11
	Urban	10418	4906	620	4886	6
	Total	31647	13055	2122	16453	17
Idukki	Rural	13051	6743	826	5471	11
	Urban	4260	1635	620	2005	-
	Total	17311	8378	1446	7476	11
Ernakulam	Rural	12886	5661	928	6297	-
	Urban	38135	18001	7184	12903	47
	Total	51021	23662	8112	19200	47
Thrissur	Rural	32001	16285	8633	7068	15
	Urban	25215	15787	4171	6257	-
	Total	57216	31072	12804	13325	15
Palakkad	Rural	34213	21627	11641	939	6
	Urban	10456	8399	1881	175	1
	Total	44669	30026	13522	1114	7
Malappuram	Rural	62366	12310	48763	1293	-
	Urban	15623	4287	11248	88	-
	Total	77989	16597	60011	1381	-
Kozhikode	Rural	25557	8947	15495	1115	-
	Urban	30889	17698	12319	855	17
	Total	56446	26645	27814	1970	17

(Contd.)

(Table 17 contd.)

1	2	3	4	5	6	7
Wayanad	Rural	13182	5344	4504	3327	7
	Urban	-	-	-	-	-
	Total	13182	5344	4504	3327	7
Kannür	Rural	30036	15559	10249	4217	11
	Urban	15425	8115	7063	246	1
	Total	45461	23674	17312	4463	12
Kasaragod	Rural	12906	6375	6007	521	3
	Urban	9986	5604	3914	468	-
	Total	22892	11979	9921	989	3
STATE	Rural	326981	151682	116852	58368	79
	Urban	243302	144741	58844	39640	77
	Total	570283	296423	175696	98008	156

Table 18: Month-wise distribution of live births in Kerala
1987 (Rural/Urban)

Month	Rural	Urban	Total
1	2	3	4
January	28035	19107	47142
February	23981	17001	40982
March	28769	20299	49068
April	29449	20934	50383
May	29423	20642	50067
June	32443	22637	55080
July	28679	21455	50134
August	25234	18996	44230
September	24697	19959	44656
October	24520	20245	44765
November	24942	21215	46157
December	26807	20812	47619
State	326981	243302	570283

Table 19: Sex-ratio of live births in Kerala (District-wise) 1987

District	Rural Urban	Males	Females	Sex- Ratio
1	2	3	4	5
Thiruvananthapuram	Rural	7958	7348	923
	Urban	21070	20505	973
	Total	29028	27853	960
Kollam	Rural	13737	13036	949
	Urban	7826	7622	974
	Total	21563	20658	958
Pathanamthitta	Rural	7522	7604	1011
	Urban	4138	3951	955
	Total	11660	11555	991
Alappuzha	Rural	6388	5961	933
	Urban	9040	8743	967
	Total	15428	14704	953
Kottayam	Rural	10517	10712	1019
	Urban	5234	5184	990
	Total	15751	15896	1009
Idukki	Rural	6857	6194	907
	Urban	2183	2077	951
	Total	9040	8271	915
Ernakulam	Rural	6472	6414	991
	Urban	19488	18647	957
	Total	25960	25061	965
Thrissur	Rural	16442	15559	946
	Urban	12688	12527	987
	Total	29130	28086	964
Palakkad	Rural	17470	16743	958
	Urban	5228	5228	1000
	Total	22698	21971	968
Malappuram	Rural	32061	30305	945
	Urban	8131	7492	921
	Total	40192	37797	940
Kozhikode	Rural	13296	12261	922
	Urban	15531	15358	989
	Total	28827	27619	958

(Contd.)

(Table 19 contd.)

1	2	3	4	5
Wayanad	Rural	6761	6421	950
	Urban	-	-	-
	Total	6761	6421	950
Kannur	Rural	15270	14766	967
	Urban	7811	7614	975
	Total	23081	22380	970
Kasaragod	Rural	6692	6214	929
	Urban	5161	4825	935
	Total	11853	11039	931
STATE	Rural	167443	159538	953
	Urban	123529	119773	970
	Total	290972	279311	960

Table 20: Month-wise distribution of deaths in Kerala - 1987
(Rural/Urban)

Months	Rural	Urban	Total
1	2	3	4
January	8765	3400	12165
February	7732	3152	10884
March	8113	3430	11543
April	7715	3388	11103
May	7662	2837	10499
June	8890	3628	12518
July	9906	3849	13765
August	8811	3557	12368
September	8735	3473	12208
October	8106	3330	11436
November	7821	3257	11078
December	8054	3436	11490
State	100310	40737	141047

Table 21: Death by age and sex - Kerala - 1987

Age/Sex	Rural			Urban			All areas		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	2	3	4	5	6	7	8	9	10
Below 1 year	1523	1141	2664	2561	2260	4821	4084	3401	7485
1 to 4 year	867	869	1736	803	777	1580	1670	1646	3316
5 to 14 year	980	873	1853	641	588	1229	1621	1461	3082
15 to 24 year	1669	1442	3111	1050	813	1863	2719	2255	4974
25 to 34 year	2251	1363	3614	1525	833	2458	3776	2196	5972
35 to 44 year	3415	1600	5015	2042	866	2908	5457	2466	7923
45 to 54 year	5646	2540	8186	2882	1233	4115	8528	3773	12301
55 to 64 year	9130	4339	13469	4339	1810	6149	13469	6149	19618
65 and above	32212	27959	60171	8670	6327	14997	40882	34286	75168
NR	305	186	491	468	249	717	773	435	1208
TOTAL	57998	42312	100310	24981	15756	40737	82979	58068	141047

Table 22: Death by religion in Kerala - District-wise - 1987

District	Rural/ Urban	Hindu	Muslims	Chris- tians	Others	Total
1	2	3	4	5	6	7
Thiruvananthapuram	Rural	5894	391	1157	2	7444
	Urban	6126	689	947	-	7762
	Total	12020	1080	2104	2	15206
Kollam	Rural	7527	932	1457	-	9916
	Urban	1533	223	308	-	2064
	Total	9060	1155	1765	-	11980
Pathanamthitta	Rural	3004	110	2110	2	5426
	Urban	550	41	418	-	1009
	Total	3554	151	2528	2	6235
Alappuzha	Rural	5317	373	1552	-	7242
	Urban	2480	315	524	-	3319
	Total	7797	688	2076	-	10561
Kottayam	Rural	4430	321	3386	3	8140
	Urban	779	53	452	-	1284
	Total	5209	374	3838	3	9424
Idukki	Rural	1594	158	1438	53	3243
	Urban	140	50	154	-	344
	Total	1734	208	1592	53	3587
Ernakulam	Rural	4038	628	2720	17	7401
	Urban	3620	867	2125	13	6625
	Total	7658	1493	4845	30	14026
Thrissur	Rural	7365	1322	1923	4	10614
	Urban	2709	488	794	1	3992
	Total	10074	1810	2717	5	14606
Palakkad	Rural	7844	1567	206	61	9678
	Urban	1843	213	39	-	2095
	Total	9687	1780	245	61	11773
Malappuram	Rural	3672	5312	149	3	9136
	Urban	783	1092	20	-	1895
	Total	4455	6404	169	3	11031
Kozhikode	Rural	4978	2231	271	6	7486
	Urban	5134	2250	342	4	7730
	Total	10112	4481	613	10	15216

(Contd.)

(Table 22 contd.)

1	2	3	4	5	6	7
Wayanad	Rural	1527	550	567	7	2651
	Urban	-	-	-	-	-
	Total	1527	550	567	7	2651
Kannur	Rural	6145	1444	610	126	8325
	Urban	1073	528	44	1	1646
	Total	7218	1972	654	127	9971
Kasaragode	Rural	2773	894	139	2	3808
	Urban	678	272	21	1	972
	Total	3451	1166	160	3	4780
State	Rural	66108	16231	17685	286	100310
	Urban	27448	7081	6188	20	40737
	Total	93556	23312	23873	306	141047

Table 23: Percentage distribution of deaths due to some specified diseases - 1987

District	Total	Dysentery & diarrhoea											Chicken pox
		1	2	3	4	5	6	7	8	9	10	11	
Thiruvananthapuram	15206	3.89	1.99	0.13	10.95	3.85	0.97	0.01	0.41	0.01	0.01	0.01	0.01
Kollam	11980	6.39	4.01	0.03	7.33	9.06	0.13	-	0.01	0.01	0.01	0.01	0.01
Pathanamthitta	6235	4.96	1.51	0.02	11.79	1.70	0.29	-	0.50	0.02	0.02	0.02	0.02
Alappuzha	10561	8.83	2.34	0.03	6.01	4.97	0.14	-	0.03	-	-	-	-
Kottayam	9424	4.30	2.31	0.05	5.62	4.53	-	-	-	-	-	-	-
Idukki	3587	6.96	1.79	0.36	6.80	1.95	0.06	-	0.22	0.11	0.11	0.11	0.11
Ernakulam	14026	5.03	1.21	-	12.16	3.00	0.58	0.01	0.48	0.08	0.08	0.08	0.08
Thrissur	14606	7.55	2.33	0.03	10.19	3.22	0.12	-	0.16	0.01	0.01	0.01	0.01
Palakkad	11773	15.89	2.58	0.05	5.77	3.72	0.14	0.01	0.93	0.02	0.02	0.02	0.02
Malappuram	11031	11.26	2.35	0.03	7.54	4.27	0.15	-	0.04	4.60	4.60	4.60	4.60
Wayanad	2651	6.22	1.82	0.08	7.32	1.17	-	0.11	0.15	0.04	0.04	0.04	0.04
Kozhikode	15216	4.78	1.52	0.01	4.56	6.71	0.16	-	0.01	0.02	0.02	0.02	0.02
Kannur	9271	9.16	0.91	0.05	7.33	2.81	0.01	-	0.03	0.03	0.03	0.03	0.03
Kasaragod	4780	11.99	0.75	0.04	7.24	3.47	0.04	-	-	-	-	-	-

(Contd.)

Table 23 contd.)

District	Cancer	Lepra- cy	Rabies	Typho- id	Pneu- monia	Jaun- dice	Heart decea-	Rhuma-		Others
								tic	comp- laints	
1	12	13	14	15	16	17	18	19	20	
Thiruvananthapuram	5.27	0.01	0.04	0.08	0.97	0.53	17.85	9.18	43.86	
Kollam	8.26	-	0.03	0.01	0.13	0.55	17.54	15.20	31.31	
Pathanamthitta	5.37	-	0.18	0.19	0.40	0.29	17.53	23.64	31.61	
Alappuzha	9.33	0.07	-	0.04	0.04	0.43	14.22	17.32	36.20	
Kottayam	5.45	-	-	0.04	0.13	0.32	10.84	17.56	48.83	
Idukki	6.30	0.03	-	0.03	0.28	0.33	14.34	9.56	50.88	
Ernakulam	5.24	-	0.08	0.11	0.04	0.19	20.00	9.03	41.76	
Thrissur	9.00	0.46	0.05	-	0.54	0.43	18.31	12.07	35.53	
Palakkad	5.89	0.03	-	0.03	0.33	0.47	12.33	15.29	36.52	
Malappuram	9.61	1.02	0.12	0.05	0.29	0.44	13.61	20.36	28.86	
Wayanad	4.60	0.41	-	-	0.38	0.75	13.20	11.62	52.13	
Kozhikode	9.40	0.30	0.09	0.01	0.32	0.29	13.64	12.45	45.73	
Kannur	6.64	0.74	-	0.02	0.25	0.27	14.31	22.51	35.93	
Kasaragode	5.02	0.40	-	0.04	0.48	0.29	12.91	7.45	49.85	

Table 24: Infant deaths by sex in Kerala district-wise 1987

District	Rural/ Urban	Male	Female	Total
1	2	3	4	5
Thiruvananthapuram	Rural	61	49	110
	Urban	348	506	964 854
	Total	409	555	964 964
Kollam	Rural	112	96	208
	Urban	138	122	260
	Total	250	218	468
Pathanamthitta	Rural	55	32	87
	Urban	54	41	95
	Total	109	73	182
Alappuzha	Rural	59	45	104
	Urban	144	130	274
	Total	283	175	378
Kottayam	Rural	139	98	237
	Urban	49	39	88
	Total	188	137	325
Idukki	Rural	109	100	209
	Urban	20	23	43
	Total	129	123	252
Ernakulam	Rural	91	70	161
	Urban	346	275	621
	Total	437	345	782
Thrissur	Rural	140	95	235
	Urban	199	149	348
	Total	339	244	583
Palakkad	Rural	184	145	329
	Urban	171	124	295
	Total	355	269	624
Malappuram	Rural	187	140	327
	Urban	150	104	254
	Total	337	244	581
Kozhikode	Rural	69	31	100
	Urban	731	604	1335
	Total	800	635	1435

(Contd.)

(Table 24 contd.)

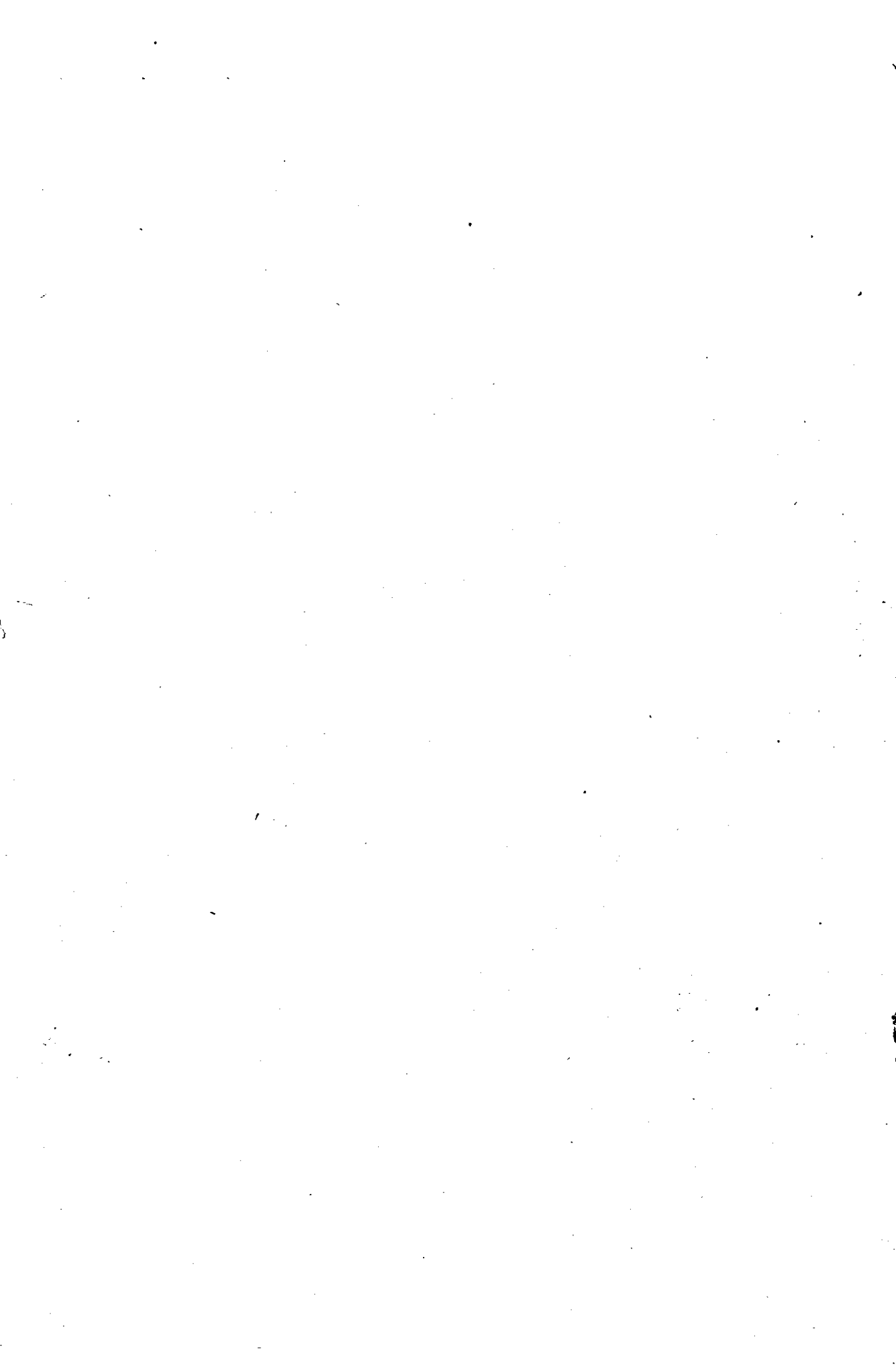
1	2	3	4	5
Wayanad	Rural	119	86	205
	Urban	-	-	-
	Total	119	86	205
Kannur	Rural	129	97	226
	Urban	103	91	194
	Total	232	188	420
Kasaragode	Rural	69	57	126
	Urban	108	52	160
	Total	177	109	286
STATE	Rural	1523	1141	2664
	Urban	2561	2260	4821
	Total	4984	3401	7485

Table 25: Infant deaths by age and sex in Kerala 1987

Age	Rural			Urban			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10
Under one week	862	585	1447	1631	1326	2957	2493	1911	4404
One week to one month	254	176	430	320	2286	606	574	462	1036
One month but below 3 months	146	157	303	231	207	438	377	364	741
Three months but below six months	117	103	220	177	169	346	294	272	566
Six months but below 12 months	144	120	264	202	272	474	346	392	738
Total	1523	1141	2664	2561	2260	4821	4084	3401	7485

Table 26: Maternal deaths by age at death in Kerala 1987

Age at death	Rural	Urban		Total for all areas
		Towns with population 30000 and above	All other urban areas	
1	2	3	4	5
Below 15 years	-	-	-	-
15-19	3	2	-	5
20-24	7	4	-	11
25-29	5	1	-	6
30-34	3	-	-	3
35-39	7	-	1	8
40-44	1	-	-	1
45 and above	-	-	-	-
Not reported	30	6	-	36
All ages	56	13	1	70



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