

GOVERNMENT OF KERALA

No. 54

V. S. BULLETIN 1990

DEPARTMENT OF ECONOMICS & STATISTICS
THIRUVANANTHAPURAM

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VITAL STATISTICS BULLETIN

No. 54

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1995.



P R E F A C E

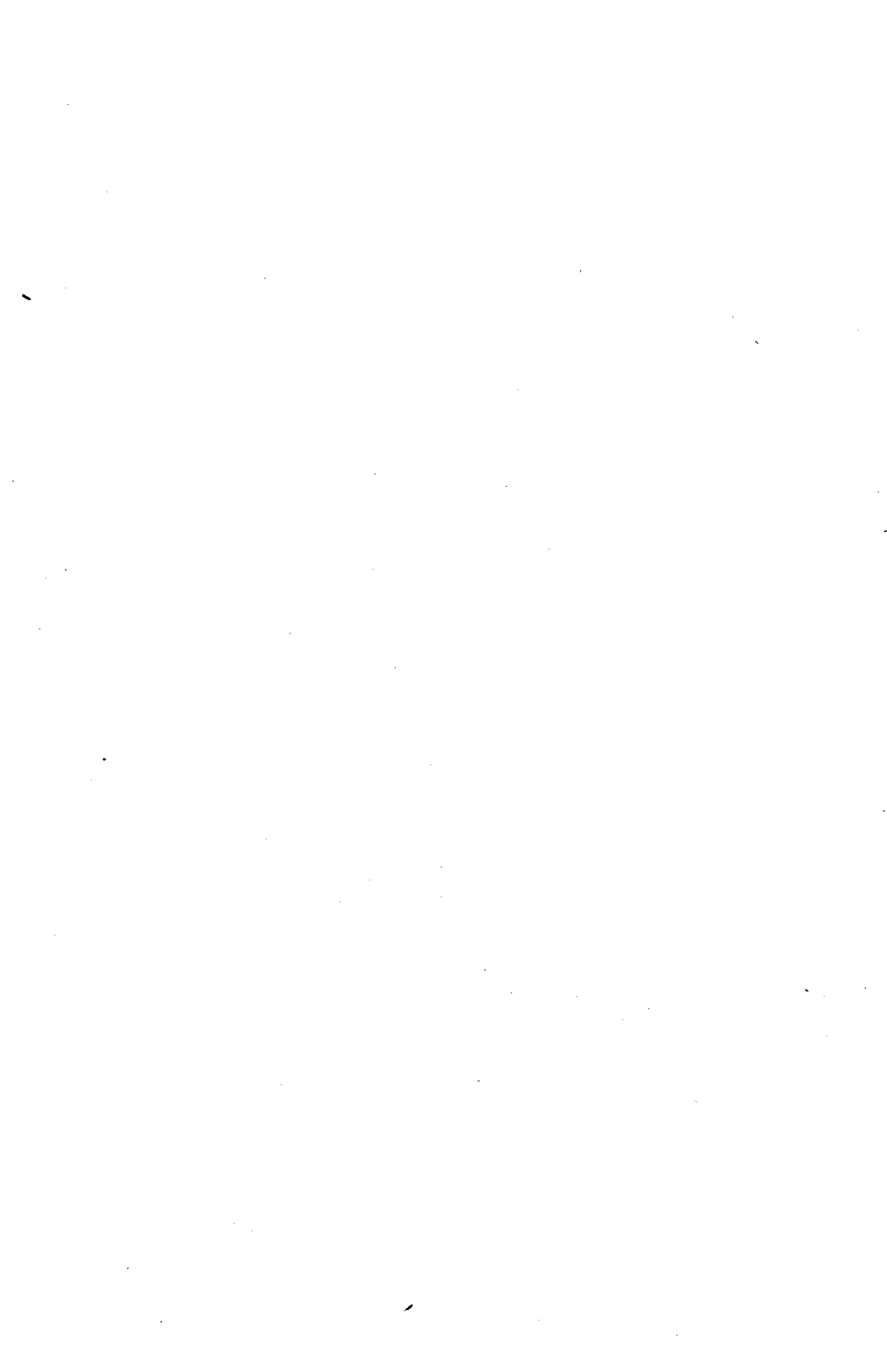
This Bulletin presents the Vital Statistics of the State for the Calendar year 1990. The data relating to Vital events received from the registering authorities are processed and vital rates estimated.

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

Thiruvananthapuram,

5-8-1995.

Dr.M.Kuttappan,
Director of Economics
and Statistics.



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VITAL STATISTICS BULLETIN 1990.

The registration of births and deaths in the State is governed by the "Birth and Death Act of 1969" and the Rules made there under. The civil registration under the above Act & Rules is controlled by the Director of Panchayats in the statutory capacity of Chief Registrar of Births and Deaths. The Additional Director of Economics & Statistics is the Additional Chief Registrar of births and deaths. At the District Level, the District Panchayat Officers are empowered to function as the District Registrars of Births and Deaths. The Executive Officers of the Panchayats, the Health Officers in the City Corporations and Senior Health Inspectors of 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 analysed in the vital statistics unit of the Directorate of Economics and Statistics.

This bulletin presents the results of the analysis of vital statistics for the year 1990.

2. 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, after the occurrence of the events, at the place of occurrence. The details of each event, such as date of event, date of registration, sex, literacy, occupation and religion of father, age of mother, order of birth etc. are recorded at the time of registration in the registers maintained for the purpose. These details are then transferred to the prescribed birth, death and still birth cards from the concerned registers. These filled in cards are forwarded periodically to the Directorate of Economics & Statistics, where the data are compiled and analysed.

3. Limitation of the data:

Eventhough, Birth and Death Registration Act and Rules provide for the registration of vital events, under registration exists to a certain extent. The Birth and Death rates in urban areas are comparatively higher than that in rural areas. This is due to the fact that the people in rural areas avail the modern medical facilities in urban areas and also that the registration is defacto. The ignorance of the informants reporting vital events may adversely affect the quality of the data. This is another limiting factor. All efforts are being made for making the public aware of the importance and necessity of registration of vital events.

4. Processing of data:

The data contained in 5.69 lakh birth cards and 1.48 lakh death cards for the year 1990 have been processed for detailed study and analysis.

5. Vital rates:

The following vital rates are worked out from the data available in the birth and death cards for the year 1990.

(a) **Crude birth rate:**

Crude birth rate is the number of live births per 1000 population (mid year).

(b) **Crude death rate:**

Crude death rate is the number of death per thousand population (mid year).

(c) **Infant death rates:**

Infant death rate is the number of deaths to infants (below 1 year) per thousand live births per year.

(d) **Maternal death rate:**

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

(e) **Still birth rates:**

Still birth rate is the number of such births per thousand live and still births.

Birth and Birth Rates

During the year under report 5.69 lakh of registered live birth cards have been analysed. Out of this 2.86 lakh cards were from rural areas and 2.83 lakh from urban areas. The registered birth rate of the State has decreased from 19.82 in 1989 to 19.73 in 1990.

The rural and urban break up of the rates were 11.66 and 65.42 respectively as against 12.62 and 68.26 in the previous year. On an analysis of the live births registered in various districts (Table) during the year, as usual Malappuram District tops the list by registering 84796 births. The highest birth rate is also in Malappuram District (27.96). The birth rate in Malappuram District has shown an increasing trend, when compared to that of 1989 (26.48). As regards the rural and urban break up, Malappuram District ranks first (22.32) among the rural areas and Kasaragod (103.92) one of the urban areas. The lowest birth rate was recorded in Alappuzha (14.70) as in the previous year. The birth rates of southern districts viz. Thiruvananthapuram, Kollam, Pathanamthitta, Alappuzha, Kottayam, Idukki, and Ernakulam were below the State average but the birth rates of northern districts viz., Thrissur, Palakkad, Malappuram, Kozhikode, Wayanad, Kannur and Kasargode were above the State average.

Death and Death Rates

During the year under report, 1.48 lakh death cards were analysed of which 1 lakh were from rural areas and 0.48 lakh from urban areas. The registered death rate during the year under report was 5.12 as against 5.14 during 1989. A slight decrease is noticed in the death rate. The urban and rural break up is 10.81 and 4.11 respectively. On an analysis of the District-wise rates of registered deaths Thiruvananthapuram District ranks first (5.89) followed by Kozhikode district (5.86) and the lowest being in Idukki District (3.81). The registered death rates in Thiruvananthapuram, Pathanamthitta, Alappuzha, Kottayam, Ernakulam, Thrissur, Palakkad and Kozhikode were above that of State average.

Infant death

The infant death as well as death rates showed a declining trend during the year.

Total number of infant deaths registered during the year was 6534 of which 2327 were from rural areas and 4207 from urban areas. The corresponding figures for 1989 were 7122 with a rural and urban break up of 2559 and 4563 respectively. The infant death rate during the year was 11.48 with a rural and urban break up of 8.14 and 14.89 respectively. The corresponding rates for the year 1989 were 12.63 with a rural and urban rates of 8.19 and 18.14 respectively. As in the previous year Kozhikode District registered the maximum number of infant deaths (1072) i.e. 16.41% of the total infant deaths registered during the year. The lowest infant death was registered in Wayanad District (129).

Maternal death rate

During the year 1990, the total number of maternal deaths registered were 43 of which 8 were from rural areas and 35 from urban areas. The maternal death rate showed slight increase from 0.06 in 1989 to 0.08 in 1990.

Still birth rate

A total of 3537 still births were registered during the year under report as against 3244 in the previous year. Still birth rate during the year showed a slight increase from 5.72 in 1989 to 6.18 in 1990. Kozhikode district topped the list by registering 609 still births during the year.

Conclusion

It is seen that all vital rates except still birth rate and maternal death rate showed a declining trend, during the year when compared to that of the previous year. More over all the vital rates were higher in the urban areas than that in the rural areas. This may be due to the fact that the registration is defacto and also due to the influx of rural people to urban areas to avail modern medical facilities in the urban areas.

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Table No. 1 /

Total Number of Births, Deaths, Still Births, Infant deaths and Maternal Deaths and the Rates 1990.

District	Rural/ Urban	Estimated mid year Population (000S)	Live Births			Deaths		
			Number	1989	1990	Number	1989	1990
1	2	3	4	5	6	7	8	9
Thiruvananthapuram	Rural	2252	12260	6.37	5.44	7654	3.60	3.40
	Urban	672	40083	62.35	59.65	9558	12.49	14.22
	Total	2924	52343	19.29	17.90	17212	5.66	5.89
Kollam	Rural	2173	24067	11.03	11.08	7952	3.53	3.66
	Urban	223	16629	73.24	74.56	2212	10.30	9.92
	Total	2396	40696	16.85	16.98	10164	4.17	4.24
Pathanamthitta	Rural	1031	7434	10.89	7.21	4832	4.99	4.69
	Urban	154	14742	101.80	95.73	1757	11.87	11.41
	Total	1185	22176	17.84	18.71	6589	5.51	5.56
Alappuzha	Rural	1658	9961	6.52	6.01	7101	4.51	4.28
	Urban	338	19379	55.43	57.33	3443	10.02	10.19
	Total	1996	29340	14.83	14.70	10544	5.45	5.28
Kottayam	Rural	1607	20739	13.63	12.91	8651	5.50	5.38
	Urban	216	10356	62.01	47.94	1281	7.94	5.93
	Total	1823	31095	17.89	17.06	9932	5.71	5.45
Idukki	Rural	1031	13149	13.16	12.75	3665	3.68	3.55
	Urban	40	4117	105.05	102.93	415	8.98	10.37
	Total	1071	17266	16.63	16.12	4080	3.88	3.81
Ernakulam	Rural	1889	8821	5.57	4.67	7949	3.70	4.21
	Urban	911	39198	50.52	43.03	7205	9.17	7.91
	Total	2800	48019	18.14	17.15	15154	5.23	5.41

Table 1 Contd.....

1	2	3	4	5	6	7	8	9
Thrissur	Rural	2463	29471	12.56	11.97	11793	4.71	4.79
	Urban	255	24794	95.88	97.23	3667	14.17	14.39
	Total	2718	54265	20.44	19.97	15460	5.61	5.69
Palakkad	Rural	2075	31643	17.22	15.25	10164	5.18	4.90
	Urban	281	18225	56.08	64.86	3000	10.67	10.68
	Total	2356	49868	20.90	21.17	13164	5.63	5.59
Malappuram	Rural	2777	61969	22.77	22.32	9655	3.43	3.48
	Urban	256	22827	74.30	89.17	2213	7.70	8.64
	Total	3033	84796	26.48	27.96	11868	3.74	3.91
Kozhikode	Rural	2103	23259	11.53	11.06	7143	3.50	3.40
	Urban	490	34096	67.93	69.58	8055	17.65	16.44
	Total	2593	57355	22.27	22.12	15198	6.19	5.86
Wayanad	Rural	640	11919	20.32	18.62	2553	4.14	3.99
	Urban	23	1638	-	71.22	220	-	9.57
	Total	663	13557	20.32	20.45	2773	4.14	4.18
Kannur	Rural	1863	20045	12.66	10.76	7831	4.33	4.20
	Urban	364	26104	121.93	71.71	2830	19.84	7.77
	Total	2227	46149	19.98	20.72	10661	5.11	4.79
Kasaragode	Rural	949	11040	12.15	11.63	3827	4.16	4.03
	Urban	106	11016	103.85	103.92	925	9.59	8.73
	Total	1055	22056	21.38	20.91	4752	4.70	4.50
STATE	Rural	2451	285777	12.62	11.66	100770	4.17	4.11
	Urban	4329	283204	68.26	65.42	46781	11.66	10.81
	Total	28840	568981	19.82	19.73	147551	5.14	5.12

Table No. 1 Contd.....

District	Rural/Urban		Still Birth		Infant deaths		Maternal death			
	Number	Rates	Number	Rates	Number	Rates	Number	Rates		
									1989	1990
1	2	3	4	5	6	7	8	9	10	11
Thiruvananthapuram	Rural	12	0.78	0.98	55	5.58	4.49	1	-	0.08
	Urban	212	2.35	5.26	716	18.69	17.86	-	-	-
	Total	224	1.95	4.26	771	15.36	14.73	1	-	0.02
Kollam	Rural	118	4.57	4.88	158	6.52	6.57	-	-	-
	Urban	51	2.70	3.06	222	15.01	13.35	8	0.25	0.48
	Total	169	3.81	4.14	380	9.97	9.34	8	0.10	0.20
Pathanamthitta	Rural	16	1.18	2.15	40	7.69	3.38	-	-	-
	Urban	70	5.75	4.73	118	10.15	8.00	-	0.11	-
	Total	86	3.18	3.86	158	8.76	7.12	-	0.05	-
Alappuzha	Rural	34	1.95	3.40	59	5.04	5.92	-	-	-
	Urban	124	5.27	6.36	269	12.85	13.88	-	0.05	-
	Total	158	4.07	5.36	328	10.00	11.18	-	0.03	-
Kottayam	Rural	377	5.07	17.85	378	17.20	18.23	-	0.04	-
	Urban	84	6.35	8.05	66	3.96	6.37	-	0.10	-
	Total	461	7.55	14.61	444	13.17	14.28	-	0.06	-
Idukki	Rural	-	6.88	-	148	14.08	11.26	1	-	0.08
	Urban	19	8.49	4.59	35	6.66	8.50	-	-	-
	Total	19	7.27	1.10	183	12.31	10.60	1	-	0.06
Ernakulam	Rural	39	4.93	4.40	141	13.50	15.98	-	0.09	-
	Urban	291	7.60	7.37	510	13.18	13.01	11	-	0.28
	Total	330	7.04	6.83	651	13.25	13.56	11	0.02	0.23

Table I Contd.....

	1	2	3	4	5	6	7	8	9	10	11
Thrissur		Rural	105	3 03	3.55	258	9.88	8.75	-	0.03	-
		Urban	225	8.15	8.99	389	18.72	15.59	-	-	-
		Total	330	5.31	6.04	647	13.80	11.92	-	0.02	-
Palakkad		Rural	100	3.50	3.15	30	0.52	9.70	-	0.03	-
		Urban	96	7.47	5.24	303	19.60	17.23	-	-	-
		Total	196	4.45	3.91	610	9.42	12.23	-	0.02	-
Malappuram		Rural	219	1.50	3.52	384	6.42	6.20	-	0.06	-
		Urban	270	12.66	11.69	255	15.42	11.17	-	-	-
		Total	489	3.78	5.73	639	8.24	7.54	-	0.05	-
Kozhikode		Rural	30	0.71	1.29	53	2.14	2.78	-	-	-
		Urban	579	21.20	16.70	1019	42.10	29.87	16	0.18	0.46
		Total	609	12.71	10.51	1072	25.35	18.69	16	0.10	0.28
Wayanad		Rural	76	8.63	6.34	110	11.66	9.23	2	0.17	-
		Urban	5	-	3.04	19	-	11.60	-	-	-
		Total	81	8.63	5.94	129	11.66	9.51	2	-	0.15
Kannur		Rural	104	4.07	5.16	143	8.68	7.13	2	0.38	0.10
		Urban	74	5.33	2.83	170	9.71	6.51	-	-	-
		Total	178	4.59	3.84	313	9.10	6.78	2	0.23	0.04
Kasargode		Rural	56	2.47	5.05	93	6.64	8.42	2	0.18	0.18
		Urban	151	16.48	13.52	116	14.07	10.53	-	-	-
		Total	207	9.37	9.30	209	10.28	9.48	2	0.09	0.09
State		Rural	1286	3.43	4.48	2327	8.19	8.14	8	0.06	0.03
		Urban	2251	8.55	7.89	4207	18.14	14.89	35	0.05	0.12
		Total	3537	5.72	6.18	6534	12.63	11.48	43	0.06	0.08

Table No. II

Census Population of District, Rural, Urban and Sex-wise (1000) 1981

Sl. No.	District	Population					Population not under Registration						Population & Towns with 30000 and above	
		Rura		Urban		Total	Rural			Urban			Male	Female
		Male	Female	Male	Female		Male	Female	Male	Female				
		4	5	6	7		8	9	10	11	12	13		
1	2	3	4	5	6	7	8	9	10	11	12	13		
1.	Thiruvananthapuram	2596	972	1005	307	312	-	-	-	-	-	-	307	312
2.	Kollam	2193	978	399	107	109	-	-	-	-	-	-	107	109
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	476	458	18	13	-	-	-	-	-	-	18	18
7.	Ernakulam	2535	909	908	360	358	-	-	-	-	-	-	311	307
8.	Trissur	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.	Kasarode	873	388	396	44	45	-	-	-	-	-	-	44	45
	State	25454	10834	11198	1693	1729	-	-	-	-	-	-	1553	1577

Table No. 3

No. of Live Births, Deaths, Still Births, Infant Deaths and Maternal Deaths in Corporations and Municipalities having a Population of 30,000 and above

Corporation/Municipalities	Total		Births		Deaths		Still Births	Infant Deaths	Maternal Deaths
	2	3	4	5	6	7			
Thiruvananthapuram Corporation	31104	146615	14489	8779	4557	4222	101	682	
Nedumangad Municipality	2422	1203	1219	209	113	96		6	
Artingal	887	458	429	118	73	45	8	1	
Neyyattinkara	3354	1663	1691	249	154	95	4	24	
Varkala	2316	1187	1129	203	116	87	9	3	
Kollam	13820	7148	6672	1795	1080	715	37	201	
Punalur	2599	1323	1276	302	182	120	14	20	
Paravoor	210	110	100	115	56	59		1	
Pathanamthitta	3341	1725	1616	353	204	149	16	23	
Panthalam	2889	1524	1365	315	184	131	7	16	
Thiruvalla	5633	2737	2896	785	473	312	36	40	
Kayamkulam	2630	1372	1258	379	236	143	8	17	
Alappuzha	8886	4400	4486	1965	1210	755	60	179	
Sherthala	2505	1307	1198	524	297	227	18	44	
Kottayam	3773	1934	1839	486	305	131	27	7	
Changanacherry	2790	1360	1421	273	171	102	19	27	
Thodupuzha	4117	2129	1988	415	240	175	19	35	
Kochi Corporation	17704	9070	8634	4690	3020	1670	154	321	11

Table No. 3 Contd.....

	1	2	3	4	5	6	7	8	9	10
Thrissur Municipality		2254	1152	1102	305	176	129	7	13	-
Eloor		189	86	103	79	50	29	-	2	-
Kothamangalam		4335	2293	2042	430	285	145	30	50	-
Angamally		2337	1251	1086	412	270	142	16	35	-
Trissur		13977	6884	7093	2157	1169	988	463	285	-
Chavakkad		906	531	375	206	132	74	8	5	-
Kodungalloor		3384	1754	1630	334	214	120	6	35	-
Chalakkudi		2442	1222	1220	307	203	104	11	19	-
Palakkad		8654	4515	4139	1555	933	622	52	174	-
Shornur		784	342	442	235	149	86	2	25	-
Mannarghat		2018	1036	982	244	145	99	24	19	-
Chittoor.										
Thatha mangalam		1775	861	914	342	172	170	12	19	-
Ottappalam		4994	2599	2395	624	387	237	6	66	-
Malappuram		3157	1574	1583	337	208	129	28	38	-
Mnajerl		5321	2852	2469	642	391	251	98	83	-
Perinthalmanna		5698	2983	2715	515	303	212	77	37	-
Ponnanai		2335	1122	1213	270	170	100	43	18	-
Tirur		6316	3241	3075	449	263	136	24	90	-
Kozhikode Corporation		27740	14437	13303	7521	4741	2780	552	965	16
Vadakara Municipality		6356	3244	3112	534	328	206	27	54	-
Tellicherry		10879	5758	5121	1204	649	555	16	63	-
Kasargode		5991	3020	2971	430	251	173	82	72	-
Kanjanad		5025	2750	2275	495	340	155	69	44	-
Kannur		4705	2394	2311	471	284	187	14	50	-

Table No. 4

No. of Births, Deaths, Still Births, Infant deaths and Maternal deaths in Corporation and Municipalities having a population of 30,000 and above - District-wise, 1990.

District	1	2	3	4	5	6
	Births	Deaths	Still Births	Infant deaths	Maternal deaths	
Thiruvananthapuram	36729	9309	118	1692		
Kollam	16629	2212	51	222		8
Pathanamthitta	8974	1138	52	63		
Alappuzha	14021	2868	86	240		
Kottayam	6563	752	46	44		
Idukki	4112	415	39	35		
Ernakulam	26630	5837	207	419		116
Trissur	20709	3004	188	344		
Palakkad	11213	2132	66	218		
Malappuram	17129	1698	193	229		
Kozhikode	34096	8055	579	1019		116
Wayanad						
Kannur	15584	1675	30	113		
Kasaragod	11016	925	151	116		

Table No. 5

No. of Vital events and its rates in Corporations and Municipalities 1990.

Corporation/ Municipality	Live Birth.			Death			Still Birth			Infant Death			Maternal Death		
	Number		3	Number		5	Number		7	Number		9	Number		10
	2	4	Rates	4	5	6	7	8	9	10	11				
Thiruvananthapuram Corporation	31104	8779	59.68	8779	16.84	191	6.10	682	21.93	-	-	-	-	-	
Nudumangad Municipality	2422	203	48.97	203	4.33	-	-	6	2.48	-	-	-	-	-	
Varkala	2316	203	59.95	203	5.25	9	3.87	3	1.30	-	-	-	-	-	
Neyyattinkara	3354	249	110.89	249	8.23	4	1.19	24	7.16	-	-	-	-	-	
Attungal	887	118	27.36	118	3.64	8	8.94	1	1.13	-	-	-	-	-	
Kollam	13820	1759	98.91	1759	12.85	37	2.67	201	14.54	-	-	-	-	0.58	
Punalur	2599	302	56.43	302	6.56	14	5.36	20	7.70	-	-	-	-	-	
Paravoor	210	115	5.66	115	3.10	-	-	1	4.76	-	-	-	-	-	
Pathanamthitta	3341	353	93.64	353	9.89	16	4.77	23	6.88	-	-	-	-	-	
Adoor	2879	304	-	304	-	11	-	17	-	-	-	-	-	-	
Thiruvalla	5633	785	103.22	785	14.38	36	6.35	62	11.01	-	-	-	-	-	
Pandalam	2889	315	76.89	315	8.38	7	2.42	16	5.34	-	-	-	-	-	
Alappuzha	8886	1965	50.97	1965	11.27	60	6.71	179	20.14	-	-	-	-	-	
Sherthala	2505	524	58.08	524	12.15	13	7.13	44	17.56	-	-	-	-	-	
Mavelikkara	3998	351	141.86	351	12.45	26	6.46	25	6.25	-	-	-	-	-	
Kayamkulam	2630	379	39.40	379	5.68	8	3.03	17	6.46	-	-	-	-	-	
Chengannur	1360	224	52.71	224	8.68	12	8.75	4	2.94	-	-	-	-	-	
Kottayam	3773	486	59.66	486	7.69	27	7.11	7	1.85	-	-	-	-	-	
Changanacherry	2790	273	53.23	273	5.21	19	6.76	27	9.68	-	-	-	-	-	
Vaikom	843	213	38.81	213	9.81	3	3.55	9	10.68	-	-	-	-	-	

Table No. 5 Contd.....

	2	3	4	5	6	7	8	9	10	11
Palai	2950	134.87	309	14.13	35	11.73	23	7.80	-	-
Thodupuzha	4117	102.14	415	10.30	19	4.59	36	8.50	-	-
Kochi Corporation	17704	31.56	4690	8.36	154	8.62	321	18.13	14	0.62
Thrippunithura Municipality	2254	44.59	305	6.03	7	3.10	13	-	-	-
Kothamangalam	4335	122.56	430	12.16	30	6.87	50	11.53	-	-
Alwaye	4480	130.59	425	17.13	36	7.97	34	7.59	-	-
North Paravoor	2693	96.89	323	11.62	23	8.48	18	6.68	-	-
Angamaly	2337	77.26	412	13.62	16	6.80	35	14.98	-	-
Perumbavoor	2821	114.88	293	11.93	17	5.99	26	9.22	-	-
Eloor	139	5.51	79	2.30	-	-	2	10.58	-	-
Moovattupuzha	2385	86.93	248	9.04	8	3.34	11	4.61	-	-
Trissur	13977	186.81	2157	28.83	163	11.53	285	20.39	-	-
Chalakkudy	2442	54.45	307	6.85	11	4.48	19	7.37	-	-
Irinjalakuda	1207	44.06	189	6.90	7	5.77	6	4.97	-	-
Kunnamkulam	2038	103.75	299	15.22	23	11.16	30	14.72	-	-
Guruvayoor T.S.	840	41.89	175	8.73	7	8.26	9	10.71	-	-
Kodungalur Municipality	3384	109.00	334	10.76	6	1.77	35	10.34	-	-
Chavakkad	986	24.13	206	5.49	8	8.75	5	5.52	-	-
Chittoor-Thathamangalam	1775	55.58	342	10.71	12	6.72	19	10.70	-	-
Mannarghat	2018	45.14	244	5.46	24	11.75	19	9.42	-	-
Shornur	784	19.98	235	5.99	2	2.54	25	31.79	-	-

Table No. 5 Contd.....

1	2	3	4	5	6	7	8	9	10	11
Ottappalam	"	4999	117.94	624	14.74	6	1.20	66	13.22	-
Palakkad	"	8654	70.67	1555	12.70	52	11.05	174	20.11	1
Malappuram	"	3157	64.48	337	6.88	28	8.79	38	12.04	-
Mnajeru	"	5321	78.03	642	9.42	98	13.02	83	15.60	-
Ponnani	"	2335	45.65	270	5.28	43	18.03	18	7.71	-
Perinthalmanna	"	5698	147.98	515	13.37	77	13.33	37	6.49	-
Thirur	"	6316	129.36	449	9.20	24	3.79	90	14.25	-
Kozhikode Corporation		27740	66.35	7521	17.99	552	19.51	965	34.79	16
Vadakara Municipality		6356	88.46	534	7.43	27	4.23	54	8.50	-
Koothuparamba	"	1452	-	163	-	5	-	9	-	-
Payyannur	"	3477	54.92	304	4.80	22	6.29	13	5.81	-
Kannur	"	4705	72.45	471	7.25	14	2.97	50	10.63	-
Mattannur	"	2464	61.77	165	4.14	2	0.81	-	-	-
Kannur Cantonment		3127	651.73	523	109.00	15	4.77	30	9.59	-
Tellicherry	"	10879	105.42	1204	11.67	16	1.47	63	5.79	-
Kasargode	"	5991	120.72	430	8.66	82	13.50	72	7.34	-
Kanhangad	"	5025	89.16	495	8.78	69	13.55	44	14.33	-

Table No. 6

Live Birth by Type of Attention at Delivery 1990 - Rural and Urban

Districts	URBAN													
	RURAL							URBAN						
	Domiciliary							Towns with population above 30,000						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Total	Institutional	Physician/ Nurse and trained midwife	Physician/ Nurse and trained midwife	Un-qualified midwife	Others	Institutional	Physician/ Nurse and trained midwife	Un-qualified midwife	Others	Institutional	Physician/ Nurse and trained midwife	Un-qualified midwife	Others
Thiruvananthapuram	52343	11859	55	273	73	-	-	-	-	-	39719	14	2	348
Kollam	40696	23686	48	115	218	-	-	-	-	-	16574	9	5	41
Pathanamthitta	22176	7210	18	127	79	2879	-	-	-	-	11414	225	14	210
Alappuzha	29340	9431	246	263	21	5358	-	-	-	-	14009	1	4	7
Kottayam	31095	20231	180	214	114	3791	-	-	-	2	6553	4	-	6
Idukki	17266	12160	126	743	120	-	-	-	-	-	4117	-	-	-
Ernakulam	48019	8688	50	46	37	12347	14	14	7	11	26790	15	4	10
Trissur	54265	29336	49	76	10	4033	-	-	2	-	20670	33	6	-
Palakkad	49868	19703	325	1612	3	-	-	-	-	-	18165	34	19	7
Malappuram	84796	51540	265	6273	3891	-	-	-	-	-	21986	65	452	324
Kozhikode	57355	22756	64	436	3	-	-	-	-	-	34046	15	-	35
Wayanad	13557	11182	75	656	6	1592	-	-	24	32	-	-	-	-
Kannur	46149	18915	303	779	48	4550	3	3	17	9	21391	17	25	92
Kasarode	22056	8649	230	901	1260	-	-	-	-	-	10926	5	77	8
State	568981	265346	2034	12514	5883	34590	17	50	54	246360	437	608	1088	1088

Table No. 7

Live Births according to order of Births and Literacy of Mother - Kerala

Rural : 1990

Order of birth	Illiterate	Literacy					Total
		Below Matri- culation	Matri- culation & equalant	Higher Secondary	Graduation & above	Not reported	
1	2	3	4	5	6	7	
01	3429	72196	36238	8596	379	120888	
02	3379	61940	24262	4532	356	94521	
03	2206	28564	8480	793	176	40219	
04	1381	10584	1228	99	62	13354	
05	837	5868	265	21	23	7014	
06	713	3610	91	4	21	4439	
07	439	1869	33	2	9	2352	
08	324	1110	24	3	2	1463	
09	139	667	8	1	4	869	
10	103	298	2	-	1	409	
11 & above	62	133	4	-	-	249	
Not Reported	-	-	-	-	-	-	
Total	13067	186889	70687	14101	1033	285777	

Table No. 8

Live Births according to order of Births and Literacy of Mother - Kerala

Urban : 1990

Order of birth	Illiterate	Literacy						Total
		Below Matriculation	Matriculation Higher Secondary & equivalent	Graduation & above	Not reported	Total		
	2	3	4	5	6	7		
01	1923	65012	54840	13065	375	135215		
02	1879	54762	34012	7914	279	98841		
03	1246	22153	8778	1324	96	33597		
04	601	6534	1283	162	28	8608		
05	385	2813	281	40	12	3531		
06	220	1325	75	12	13	1645		
07	160	643	27	2	3	835		
08	114	337	4	1	2	453		
09	74	182	9	1	-	266		
10	37	81	6	1	1	126		
11 and above	20	49	5	-	-	74		
Not reported	-	3	2	-	3	8		
Total	6654	153894	99322	22522	812	283204		

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Table No. 9

Live Births according to order of Births and Literacy of Father - Kerala

Rural : 1990

Order of birth	Literacy						Total
	Illiterate	Below Matriculation	Matriculation Higher Secondary & equivalent	Graduation & above	Not reported		
	2	3	4	5	6	7	
01	3118	77586	33239	6519	376		120888
02	2934	66401	20093	4806	287		94521
03	1838	29869	7314	1053	145		40219
04	1130	10754	1211	220	39		13354
05	817	5739	401	43	14		7014
06	540	3729	143	11	16		4439
07	354	1921	65	3	9		2352
08	217	1204	37	2	3		1463
09	68	716	16	3	2		869
10 and above	50	331	8	-	2		409
Not reported	-	193	6	-	-		249
Total	11198	198443	62583	12660	893		285777

Table No. 10

Live Births according to order of Births and Literacy of Father - Kerala

Urban : 1990

Order of birth	Literacy						
	Illiterate	Below Matriculation	Matriculation Higher Secondary & equivalent	Graduation & above	Not reported	Total	
	2	3	4	5	6	7	
01	1948	70945	49194	12706	422	135215	
02	1776	57742	30638	8408	277	98841	
03	1011	22531	8338	1608	109	33597	
04	517	6409	1410	245	27	8608	
05	297	2750	397	75	12	3531	
06	173	1303	126	23	15	1645	
07	136	661	33	2	3	835	
08	63	1371	14	5	5	458	
09	49	198	15	4	5	266	
10	21	95	7	2	1	126	
11 and above	14	54	6	-	-	74	
Not reported	-	4	2	-	2	8	
Total	6005	163068	90180	23078	873	283204	

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Table No. 11

Live Births according to order of Birth and Occupation of Father - Kerala (Rural) 1990

Order of Birth	2	3	4	5	6	7	8	9	10	11	
	Professional Technical and related work	Administrative executive and managerial work	Clerical Work	Sale Workers	Service Work	Farmer men hunters and loggers and related work	Fisher men hunters and related work	Productive & other related work, transport equipment operators & Labourers	Others whose occupation is not elsewhere classified.	Non-Workers	Total
101	4755	305	4004	15308	2799	15089	70003	245	8380	120889	
102	3984	229	2971	11364	2097	11312	56487	184	5893	94521	
103	1092	74	791	4665	700	4628	26060	79	2130	40219	
104	341	28	170	1763	198	1531	8562	44	717	13354	
105	172	20	67	932	89	754	4629	24	327	7014	
106	100	12	19	546	60	461	3044	10	187	4439	
107	57	6	15	282	26	246	1614	7	99	2352	
108	29	1	5	165	14	198	995	4	52	1463	
109	23	1	1	90	5	98	605	1	45	869	
110	12	1	2	56	4	76	235	1	22	409	
11 and above	5	-	3	39	2	50	134	1	15	249	
Not reported	-	-	-	-	-	-	-	-	-	-	
Total	10570	677	8048	35210	5994	34443	172368	600	17867	285777	

Table No. 12

Live Births according to order of Birth and Occupation of Father - Kerala (Urban) 1990.

Order of Birth	Occupation of Father											Total
	2	3	4	5	6	7	8	9	10	11		
	Professional and related work	Administrative executive and managerial work	Clerical Work	Sale Workers	Service Work	Farmer men hunters and loggers and related work	Fisher men hunters and related work	Productive & other related work, transport equipment operators & labourers	Others whose occupation is not-else-where classified.	Non-Workers		
01	9089	1269	7480	24103	6274	9442	70413	1238	5907	135215		
02	5221	793	4653	14407	2264	6519	60483	673	3828	98841		
03	1151	185	1126	4948	614	2449	21440	215	1469	33597		
04	224	34	189	1343	152	680	5523	30	433	8608		
05	63	9	62	57	51	284	2275	9	191	3531		
06	52	1	13	260	40	192	1078	3	96	1645		
07	19	-	8	150	10	73	514	7	54	835		
08	12	1	4	76	2	42	288	2	34	458		
09	6	-	2	42	4	26	167	1	18	266		
10	3	-	5	23	2	14	70	2	9	126		
11 and above	-	-	2	19	-	15	35	1	2	74		
Not reported	-	-	-	-	-	13	3	2	-	8		
Total	15840	2292	13539	45948	9993	19679	162289	2183	12041	283204		

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Table No. 13

Live Birth by order of Birth and age of Mother - Kerala - 1990 (Rural)

Order of Birth	Age of Mother											N.R.	All ages
	Below 15 Years	15-19	20-24	25-29	30-34	35-39	40-44	45 & above					
1	2	3	4	5	6	7	8	9	10	11			
01	6	28671	63747	24286	3391	707	70	10	-	-	-	-	120888
02	-	2870	49629	32757	7669	1421	155	20	-	-	-	-	94521
03	-	244	13116	17874	6688	2167	114	16	-	-	-	-	40219
04	-	-	2333	5973	3499	1371	150	28	-	-	-	-	13354
05	-	-	393	2131	2768	1511	186	25	-	-	-	-	7014
06	-	-	9	992	1637	1527	243	31	-	-	-	-	4430
07	-	-	3	180	810	1087	229	43	-	-	-	-	2352
08	-	-	-	13	370	818	221	41	-	-	-	-	1463
09	-	-	-	-	120	527	189	33	-	-	-	-	869
10	-	-	-	2	6	251	116	34	-	-	-	-	409
11 and above	-	-	-	-	3	72	130	44	-	-	-	-	249
Not reported	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	6	31785	129230	84208	26961	11459	1803	325	-	-	-	-	285777

Table No. 14

Live Birth by order of Birth and age of Mother - Kerala - 1990 (Urban)

Order of Birth	Below 15 Years	Age of Mother											N.R.	All ages
		2	3	4	5	6	7	8	9	10	11			
01	1	24970	66778	34975	7303	1068	85	7	28	135215				
02	-	2454	45802	38447	10232	1768	116	10	12	98841				
03	-	481	11202	14390	5192	1637	81	9	5	33597				
04	-	5	1649	4063	2093	720	67	9	2	8603				
05	-	-	271	1393	1222	515	65	5	-	3531				
06	-	-	1	461	595	513	65	9	1	1645				
07	-	-	1	111	304	359	52	8	-	835				
08	-	-	-	12	137	251	45	11	2	458				
09	-	-	-	-	40	158	54	13	1	266				
10	-	-	-	-	14	69	32	11	-	126				
11 and above	-	-	-	-	3	27	34	10	-	74				
Not reported	-	-	-	-	-	-	-	-	8	8				
Total	1	27910	125704	93852	27735	7145	696	102	59	283204				

Table No. 15

Live Birth by age of mother in Municipalities and Corporations - Kerala - 1990.

Municipalities/ Corporations	Age of Mother										
	Below 15 years	15-19	20-24	25-29	30-34	35-39	40-44	45 & above	N.R	Total	
I	2	3	4	5	6	7	8	9	10	11	
Thiruvananthapuram Corporation	-	2061	14755	10461	3079	692	52	4	-	31104	
Neyyattinkara Municipality	-	206	1726	1154	209	41	3	-	15	3354	
Varkala	-	249	1186	685	148	45	3	-	-	2316	
Nedumangad	-	217	1428	637	114	20	-	-	66	2422	
Attingal	-	84	388	330	69	16	-	-	-	887	
Kollam	-	895	6842	4666	1132	263	18	-	-	13820	
Punalur	-	169	1417	801	181	30	1	-	-	2599	
Paravoor	-	15	114	49	25	7	-	-	-	210	
Thiruvalla	-	119	1903	2835	616	132	4	1	18	5633	
Pathanam- thitta	-	194	1555	1230	296	56	4	-	6	3341	
Adoor	-	109	1160	1354	224	24	3	-	5	2879	
Pandalam	-	129	1267	1260	225	8	-	-	-	2889	
Alappuzha	-	562	4107	3141	864	194	17	1	-	8886	
Cherthala	-	64	1038	1072	285	45	1	-	-	2505	
Kayamkulam	-	173	1405	889	139	21	2	1	-	2630	
Mavelikkara	-	509	2010	1196	238	41	4	-	-	3998	

Table No. 15 Contd.....

	2	3	4	5	6	7	8	9	10	11
Chengannur	-	45	740	423	127	24	1	-	-	1360
Kottayam	-	116	1448	1548	522	136	3	-	-	3773
Changanacherry	-	133	1319	1048	244	43	3	-	-	2790
Palai	-	70	1044	1323	411	91	11	-	-	2950
Vaikom	-	23	345	369	87	19	-	-	-	843
Thodupuzha	-	127	1411	1755	630	170	15	3	6	4117
Cochin Corporation	-	798	7327	6725	2320	500	31	3	-	17704
Angamali										
Municipality	-	39	913	1163	181	35	1	2	3	2337
Kothamangalam	-	173	1870	1669	504	110	7	2	-	4335
Thrippunithura	-	44	953	909	302	42	4	-	-	2254
Aluva	-	258	2388	1449	326	55	3	1	-	4480
Parur	-	110	1237	1015	272	55	4	-	-	2693
Perumbavoor	-	114	1323	1031	265	38	-	-	-	2821
Eloor	-	5	85	67	26	5	1	-	-	189
Muvattupuzha	-	157	1153	827	201	41	6	-	-	2385
Trissur	-	1235	5162	5305	1935	318	21	1	-	13977
Chalakkudy	-	83	1134	937	243	42	3	-	-	2442
Irinjalakuda	-	58	550	447	127	24	1	-	-	1207
Kunnamkulam	-	209	916	663	203	42	4	1	-	2038
Guruvayoor Township	-	72	346	274	115	33	-	-	-	340
Kodungalloor										
Municipality	-	491	1258	1042	491	94	7	1	-	3384
Chavakkad	-	85	414	280	83	40	3	1	-	906

Table No. 15 Contd.....

I	2	3	4	5	6	7	8	9	10	11
Chittoor-										
Thatha mangalam	-	171	770	547	230	52	5	-	-	1775
Shornur	-	64	323	310	69	16	2	-	-	784
Ottappalam	-	827	2277	1316	398	149	23	4	-	4994
Mannarkad	-	517	826	452	113	86	19	5	-	2018
Palakkad	-	882	4099	2636	718	281	33	5	-	8654
Tirur	-	1174	2483	1743	566	311	34	5	-	6316
Manjeri	-	1123	2142	1289	483	247	29	8	-	5321
Malappuram	-	909	1075	740	254	147	27	5	-	3157
Perinthalmanna	1	1474	2240	1267	471	216	27	2	-	5698
Ponnani	-	360	1095	545	222	97	14	2	-	2335
Vadakara	-	1345	3023	1409	390	171	17	1	-	6356
Kozhikode Corporation	-	3111	12051	9018	2950	532	71	7	-	27740
Kalpetta Municipality	-	269	789	403	141	32	4	-	-	1638
Kannur Contonment	-	36	1426	1206	347	107	5	-	-	3127
Kannur Municipality	-	640	1860	1441	542	196	21	5	-	4705
Thalasserry	-	1521	4884	3024	1021	383	1	5	-	10879
Mattannur	-	782	933	551	155	33	8	2	-	2464
Payyannoor	-	537	1776	856	221	73	12	2	-	3477
Kuthuparamba	-	185	703	387	110	54	11	2	-	1452
Kanhangad	-	690	2536	1300	374	104	16	5	-	5025
Kasargod	-	875	2372	1730	663	305	38	8	-	5991
Total	1	27692	125325	94249	27897	7184	698	99	59	283204

Live Birth by religion in Municipalities and Corporations of Kerala - 1990.

Municipality/Corporation	Hindu	Muslims	Christians	Others	Total
1	2	3	4	5	6
Thiruvananthapuram Corporation	24134	3832	3131	7	31194
Neyyattinkara Municipality	2159	157	1038	-	3354
Varkala "	1741	506	69	-	2316
Nedumangad "	1703	481	238	-	2422
Attungal "	570	285	32	-	887
Kollam "	9330	2595	1394	-	13820
Punalur "	1467	431	701	-	2599
Paravoor "	188	19	3	-	210
Thiruvalla "	2587	135	2911	-	5633
Pathanamthitta "	1991	215	1135	-	3341
Adoor "	1609	177	1093	-	2879
Pandalam "	2335	401	153	-	2889
Alappuzha "	4702	2186	1998	-	8886
Cherthala "	2137	29	339	-	2505
Kayamkulam "	1837	655	138	-	2630
Mavelikkara "	2872	259	867	-	3998
Chergannur "	907	17	436	-	1360
Kottayam "	1977	198	1597	1	3773
Changanaserry "	1634	174	982	-	2796
Palai "	1333	31	1586	-	2950
Vaikom "	778	13	52	-	843
Thodupuzha "	1400	666	2051	-	4117
Cochin Corporation	7276	3320	7080	28	17704
Angamali Municipality	725	14	1598	-	2337
Kothamangalam "	1394	870	2068	3	4335
Thripunithura "	1786	46	422	-	2254
Aluva "	1998	1678	804	-	4480
Parur "	1958	238	496	1	2693
Perumbavoor "	1276	635	910	-	2821
Eloor "	105	25	59	-	189
Muvattupuzha "	1123	641	620	1	2385
Trissur "	7948	1581	4447	1	13977
Chalakkudy "	1108	105	1229	-	2442
Irinjalakuda "	973	80	152	2	1207
Kunnamkulam "	1085	730	223	-	2038

Table No. 16 Contd.....

Municipality/Corporation	Hindu	Muslims	Christians	Others	Total
1	2	3	4	5	6
Guruvayoor Township	440	358	42	-	840
Chavakkad Municipality	325	560	21	-	906
Chittoor "	1442	298	35	-	1775
Shornur "	675	100	9	-	784
Ottappalam "	3416	1524	54	-	4994
Mannarkkad "	904	1071	43	-	2018
Palakkad "	7016	1494	141	3	8654
Tirur "	1923	4375	18	-	6316
Manjeri "	1731	3505	85	-	5321
Malappuram "	981	2362	14	-	3157
Perinthalmanna "	2113	3430	154	1	5698
Ponnani "	830	1501	4	-	2335
Vadakara "	3211	3122	23	-	6356
Kozhikode Corporation	15803	11245	692	-	27740
Kalpatta Municipality	625	639	373	1	1638
Kannur Contonment	1744	1208	174	1	3127
Kannur Municipality	2081	2529	94	1	4705
Thalaserry "	6950	3776	153	-	10379
Mattannur "	1347	877	240	-	2464
Payyannur "	2380	977	118	2	3477
Kuthuparamba "	901	478	73	-	1452
Kanhangad "	3505	924	595	1	5025
Kasargod "	2584	3323	84	-	5991
Total	160873	73101	45791	55	279820

Live Births by Religion in Kerala (District-wise) 1990.

District	Rural/ Urban	Total Births	Hindu	Muslim	Christian	Others
1	2	3	4	5	6	7
Thiruvananthapuram	Rural	12260	7199	1837	3220	4
	Urban	40083	30307	5261	4508	7
	Total	52343	37506	7098	7728	11
Kollam	Rural	24067	15098	4510	4456	3
	Urban	16629	10985	3045	2598	1
	Total	40696	26083	7555	7054	4
Pathanamthitta	Rural	7434	3956	268	3210	-
	Urban	14742	8522	928	5292	-
	Total	22176	12478	1196	8502	-
Alappuzha	Rural	9961	7120	706	2135	-
	Urban	19379	12455	3146	3778	-
	Total	29340	19575	3852	5913	-
Kottayam	Rural	20739	8743	1340	10656	-
	Urban	10356	512	416	4217	1
	Total	31095	14465	1756	14873	1
Idukki	Rural	13149	6877	573	5695	4
	Urban	4117	1400	666	2051	-
	Total	17266	8277	1239	7746	4
Ernakulam	Rural	8821	3627	582	4612	-
	Urban	39198	17641	7467	14057	33
	Total	48019	21268	8049	18669	33
Trissur	Rural	29471	16405	6249	6813	4
	Urban	24794	13952	4579	6260	3
	Total	54265	30357	10828	13073	7
Palakkad	Rural	31643	20256	10627	751	3
	Urban	18225	13453	4487	282	3
	Total	49868	33709	15114	1039	6
Malappuram	Rural	61969	12704	48063	1199	3
	Urban	22827	7378	15173	275	1
	Total	84796	20082	63236	1474	4
Kozhikode	Rural	23259	9925	12098	1235	1
	Urban	34096	19014	14367	715	-
	Total	57355	28939	26465	1950	1

Table No. 17 Contd.

District	Rural/ Urban	Total Births	Hindu &	Muslim	Christian	Others
1	2	3	4	5	6	7
Wayanad	Rural	11919	5107	4081	2727	4
	Urban	1638	625	639	373	1
	Total	13557	5732	4720	3100	5
Kannur	Rural	20045	9412	7140	3492	1
	Urban	26104	15405	9845	852	2
	Total	46149	24817	16985	4344	3
Kasargod	Rural	11040	5189	5442	408	1
	Urban	11016	6039	4247	679	1
	Total	22056	11278	9689	1087	2
State	Rural	285777	131610	103524	50615	28
	Urban	283204	162948	74266	45937	53
	Total	568981	294558	177790	96552	81

Table No. 18

Month-wise Distribution of Live Birth in Kerala - 1990.

Rural/Urban

Month	Rural	Urban	Total
1	2	3	4
January	25181	22899	48080
February	24717	22742	47459
March	23109	22560	45669
April	21839	22308	44147
May	23715	24376	48091
June	22131	23500	45631
July	23560	23238	46798
August	23522	24475	47997
September	24681	23689	48370
October	24941	25199	50140
November	24965	24496	49461
December	23416	23722	47138
State	285777	283204	568981

Table No. 19

Sex Ratio of Live Birth in Kerala (District-wise) 1990

District	Rural/ Urban	Male	Female	Sex Ratio
1	2	3	4	5
Thiruvananthapuram	Rural	6306	5954	944
	Urban	21126	18957	897
	Total	27432	24911	908
Kollam	Rural	13538	10529	778
	Urban	8581	8048	938
	Total	22119	18577	840
Pathanamthitta	Rural	4369	3065	702
	Urban	7451	7291	979
	Total	11820	10356	891
Alappuzha	Rural	5128	4833	942
	Urban	9850	9529	967
	Total	14978	14362	959
Kottayam	Rural	9861	10878	1103
	Urban	5198	5158	992
	Total	15059	16036	1065
Idukki	Rural	6845	6304	921
	Urban	2129	1988	934
	Total	8974	8292	924
Ernakulam	Rural	4609	4212	914
	Urban	20184	19014	942
	Total	24793	23226	937
Trissur	Rural	16405	13066	796
	Urban	12485	12309	986
	Total	28890	25375	878
Palakkad	Rural	16422	15221	927
	Urban	9353	8872	949
	Total	25775	24093	935

Table No. 19 Contd....

District	Rural/ Urban	Male	Female	Sex Ratio
1	2	3	4	5
Malappuram	Rural	32150	29819	927
	Urban	11772	11055	939
	Total	43922	40874	931
Kozhikode	Rural	12977	10282	792
	Urban	17681	16415	928
	Total	30658	26697	871
Wayanad	Rural	6622	5297	800
	Urban	929	709	763
	Total	7551	6006	795
Kannur	Rural	11466	8579	748
	Urban	13272	12832	967
	Total	24738	21411	866
Kasargode	Rural	5849	5191	888
	Urban	5770	5246	909
	Total	11619	10437	898
State	Rural	152547	133230	873
	Urban	145781	137423	943
	Total	298328	270653	907

Table No. 20
 Month-wise distribution of deaths in Kerala 1990

Month 1	Rural/Urban		
	Rural 2	Urban 3	Total 4
January	8860	3987	12847
February	7661	3660	11321
March	7876	3978	11854
April	7012	3933	10945
May	7763	3804	11567
June	8924	3936	12860
July	10310	4026	14336
August	10101	4267	14368
September	7667	3359	11026
October	9004	3934	12938
November	7860	3855	11715
December	7732	4042	11774
	100770	46781	147551

Table No. 21
Deaths by Age & Sex - Kerala - 1990

Age/Sex	Rural			Urban			All Ages		
	M	F	Total	M	F	Total	M	F	Total
	2	3	4	5	6	7	8	9	10
Below 1 Year	1273	1054	2327	2343	1864	4207	3616	2918	6534
1 to 4 Year	428	504	932	338	345	683	766	849	1615
5 to 14 Year	707	619	1326	409	402	811	1116	1021	2137
1 to 24 Year	1623	1258	2881	880	798	1678	2503	2056	4559
25 to 34 Year	2481	1238	3719	1282	835	2117	3763	2073	5836
35 to 44 Year	3516	1410	4926	1897	911	2808	5413	2321	7734
45 to 54 Year	6175	2324	8499	3089	1259	4348	9264	3583	12847
55 to 64 Year	9572	4293	13865	4466	2112	6578	14038	6405	20443
65 and above	31287	30663	61950	12898	10161	23059	44185	40824	85009
Not reported	163	182	345	264	228	492	427	410	837
Total	57225	43545	100770	27866	18915	46781	85091	62460	147551

Table No. 22
Death by religion in Kerala - (District wise) 1990

District	Rural/ Urban	Hindu	Muslim	Chris- tian	Others	Total
1	2	3	4	5	6	7
Thiruvanantha- puram	Rural	5859	484	1307	4	7654
	Urban	7365	803	1390	-	9558
	Total	13224	1287	2697	4	17212
Kollam	Rural	6478	507	964	3	7952
	Urban	1555	188	468	1	2212
	Total	8033	695	1432	4	10164
Pathanam thitta	Rural	3018	52	1760	2	4832
	Urban	898	68	791	-	1757
	Total	3916	120	2551	2	6589
Alappuzha	Rural	5612	232	1257	-	7101
	Urban	2365	425	652	1	3443
	Total	7977	657	1909	1	10544
Kottayam	Rural	4530	255	3865	1	8651
	Urban	694	32	555	-	1281
	Total	5224	287	4420	1	9932
Idukki	Rural	1985	137	1543	-	3665
	Urban	248	3	4	160	415
	Total	2233	140	1547	160	4080
Ernakulam	Rural	4138	543	3268	-	7949
	Urban	3621	957	2623	4	7205
	Total	7759	1500	5891	4	15154
Thrissur	Rural	8526	1058	2208	1	117
	Urban	2545	371	751	-	3667
	Total	11071	1429	2959	1	15460
Palakkad	Rural	8534	1382	247	1	10164
	Urban	2617	328	55	-	3000
	Total	11151	1710	302	1	13164
Malappuram	Rural	4792	4679	184	-	9655
	Urban	949	1231	33	-	2213
	Total	5741	5910	217	-	11868

Contd.

Table No. 22 Contd.....

1	2	3	4	5	6	7
Kozhikode	Rural	4175	2743	222	3	7143
	Urban	5389	2424	237	5	8055
	Total	9564	5167	459	8	15198
Wayanad	Rural	1600	463	479	11	2553
	Urban	115	77	28	..	220
	Total	1715	540	507	11	2773
Kannur	Rural	5735	1952	643	1	7831
	Urban	2088	679	63	.	2830
	Total	7823	2131	706	1	10661
Kasargode	Rural	2720	909	193	5	3827
	Urban	686	214	23	2	925
	Total	3406	1123	216	7	4752
State	Rural	67702	14896	18140	32	100770
	Urban	30952	7830	7986	13	46781
	Total	98654	22726	26126	45	147551

Percentage Distribution of deaths due to some specialised disease 1991 (District-wise)

District	Total Death	Fever	Dysentery and Diarrhoea	Complication of Pregnancy & abortion	Respiratory Disease	Pulmonary TB	Tetanus	Diphtheria	Polio
Thiruvananthapuram	17212	629	72	1	1324	398	32		21
Kollam	10164	465	17	8	677	327	5	2	4
Pathanamthitta	5589	194	23		419	131	12	1	4
Alappuzha	17544	744	90		976	277	3	1	3
Kottayam	9932	446	46		1710	474	16	2	2
Idukki	4097	197	34	1	309	42	1	1	
Eranakulam	15154	552	81	11	4361	377	12		2
Trissur	15467	956	49	3	1279	236	15	3	16
Palakkad	13167	1547	137	3	795	596	10	2	2
Malappuram	11969	994	121		637	272	9	3	
Kozhikode	15198	654	67	16	1207	234	13	1	
Wayanad	2773	148	26	2	194	56	3	1	
Kannur	17661	939	31	2	853	326	18	2	1
Kasarode	4752	505	24	2	149	373	3	2	4
	147551	8644	908	49	11191	4119	151	21	59

Table No 23 Contd

District	Chicken Pox	Cancer	Leptosy	Rabies	Typhoid	Pneumonia	Jondice	Heart Disease			Rhumatic Complaints	Others
								19	28	32		
1	11	12	13	14	15	16	17	19	19	19	20	20
	14	17	18	19	20	21	22	28	32	32	37	37
Thiruvananthapuram	2	647	2	20	47	76	53	3197	1814	1814	8898	
Kollam	1	549	2		9	31	15	2356	1969	1969	3729	
Pathanamthitta	-	357	-	2	3	27	20	1402	1348	1348	2646	
Alappuzha	1	667	4	2	3	28	26	2069	1749	1749	3911	
Kottayam	1	443	-	5	13	35	13	1351	2117	2117	3958	
Idukki	1	206	-	2	1	16	14	662	323	323	2277	
Ernakulam	5	913	3	4	8	83	41	3386	1615	1615	6699	
Trissur	-	1147	3	-	35	14	69	4947	1945	1945	4943	
Palakkad	4	982	9	3	4	26	90	2237	2444	2444	4399	
Malappuram	-	1046	3	2	2	36	26	1961	2496	2496	4381	
Kozhikode	1	805	2	1	25	152	96	2732	2264	2264	6929	
Wayanad	-	225	1	-	5	8	16	331	387	387	1370	
Kannur	1	842	3	5	2	52	37	1639	2459	2459	3550	
Kasarode	1	320	1	2	1	3	24	752	667	667	1919	
	19	9049	33	48	158	587	528	28912	23587	23587	59598	

Table No. 24

Infant deaths by sex in Kerala (District wise) 1990.

District	Rural/ Urban	Male	Female	Total
1	2	3	4	5
Thiruvananthapuram	Rural	28	27	55
	Urban	376	340	716
	Total	404	367	771
Kollam	Rural	85	73	158
	Urban	133	89	222
	Total	218	162	380
Pathanamthitta	Rural	16	24	40
	Urban	75	43	118
	Total	91	67	158
Alappuzha	Rural	32	27	59
	Urban	151	118	269
	Total	183	145	328
Kottayam	Rural	192	186	378
	Urban	37	29	66
	Total	229	215	444
Idukki	Rural	87	61	148
	Urban	15	20	35
	Total	102	81	183
Ernakulam	Rural	82	59	141
	Urban	276	234	510
	Total	358	293	651
Trissur	Rural	132	126	258
	Urban	219	170	389
	Total	351	296	547
Palakkad	Rural	168	139	307
	Urban	176	127	303
	Total	344	266	610
Malappuram	Rural	216	168	384
	Urban	139	116	255
	Total	355	284	339

Table No. 24 Contd.....

1	2	3	4	5
Kozhikode	Rural	31	22	53
	Urban	568	451	1019
	Total	599	473	1072
Wayanad	Rural	58	52	110
	Urban	13	6	19
	Total	71	58	129
Kannur	Rural	83	60	143
	Urban	93	77	170
	Total	176	137	313
Kasargode	Rural	63	30	93
	Urban	72	44	116
	Total	135	74	209
State	Rural	1273	1054	2327
	Urban	2343	1864	4207
	Total	3616	2918	6534

Table No. 25

Infant deaths by Age and Sex in Kerala - 1990

Age	Rural			Urban			Total		
	Male 2	Female 3	Total 4	Male 5	Female 6	Total 7	Male 8	Female 9	Total 10
Under one week	792	637	1429	1585	1233	2818	2377	1870	4247
One week to one month	193	165	358	457	329	786	650	494	1144
One month to three months	93	67	160	130	111	241	223	178	401
Three months but below six months	76	73	149	66	47	113	142	120	262
Six months but below twelve months	119	112	231	105	144	249	224	256	480
Total	1273	1054	2327	2343	1864	4207	3616	2918	6534

Table No. 26

Maternal deaths by age of death in Kerala - 1990.

Age of Death	Rural		Urban		Total for all area
		Towns with Population 30000 and above	All other urban area		
1	2	3	4	5	
Below 15 years	-	-	-	-	
15-19 "	2	4	-	6	
20-24 "	-	2	-	2	
25-29 "	1	-	-	1	
30-34 "	-	7	-	7	
35-39 "	3	12	-	15	
40-44 "	-	-	-	-	
45 and above	-	-	-	-	
Not reported	2	10	-	12	
All ages	8	35	-	43	



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