

Government of Kerala

# Vital Statistics Bulletin 2001

Department of Economics & Statistics  
Thiruvananthapuram  
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*PREFACE*

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The Bulletin presents the Vital Statistics of Kerala for the Calendar year 2001. The data relating to vital events received from the registering authorities are presented and vital rates estimated.

This report is prepared on the basis of data collected under the revamped system implemented in the State as a part of all India pattern. This is the 2<sup>nd</sup> report based on this system.

The bulletin has been prepared in the Vital Statistics Division of this Directorate.

I hope that this report is of great help to Planners & Administrators and those engaged in the field of Health and Demography.

I would like to place on record the co-operation and valuable services rendered by Local Registrars, District Registrars and Statistics staff in the districts to make this venture a success.

Suggestions for the improvement of this publication is always welcome.

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DIRECTOR

Thiruvananthapuram,  
27/09/03

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# VITAL STATISTICS BULLETIN – 2001

## Introduction

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

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

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

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

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

This bulletin presents the results of the analysis of Vital Statistics for the year 2001.

## Conceptual and Empirical frame work

As per the Birth and Death Registration Act 1, births and deaths are to be registered within 21 days after the occurrence of the events at the place of occurrence. The details of each event such as date of event, date of registration, sex, literacy, occupation and religion of father & mother, age of father & mother, order of birth, etc. are recorded at the time of registration. These details are then recorded in the prescribed birth, death and stillbirth cards from the concerned registers. These filled in cards are forwarded to the Directorate of Economics and Statistics periodically and then the data will be computerised and processed for further analysis.

## Limitations of the data

The process of registration of vital events is not complete. This may be due to under registration. This type of inadequacy and incompleteness has affected the quality of vital statistics. The birth and death rates in the

urban areas are higher than that in the rural areas. The people in the rural areas avail the modern medical facilities in the urban areas. Also the ignorance of informants in reporting vital events may adversely affect the quality of the data. All efforts are being made to make the public aware of the importance and necessity of registration of vital events and to improve the quality of data reported.

### Processing of the data

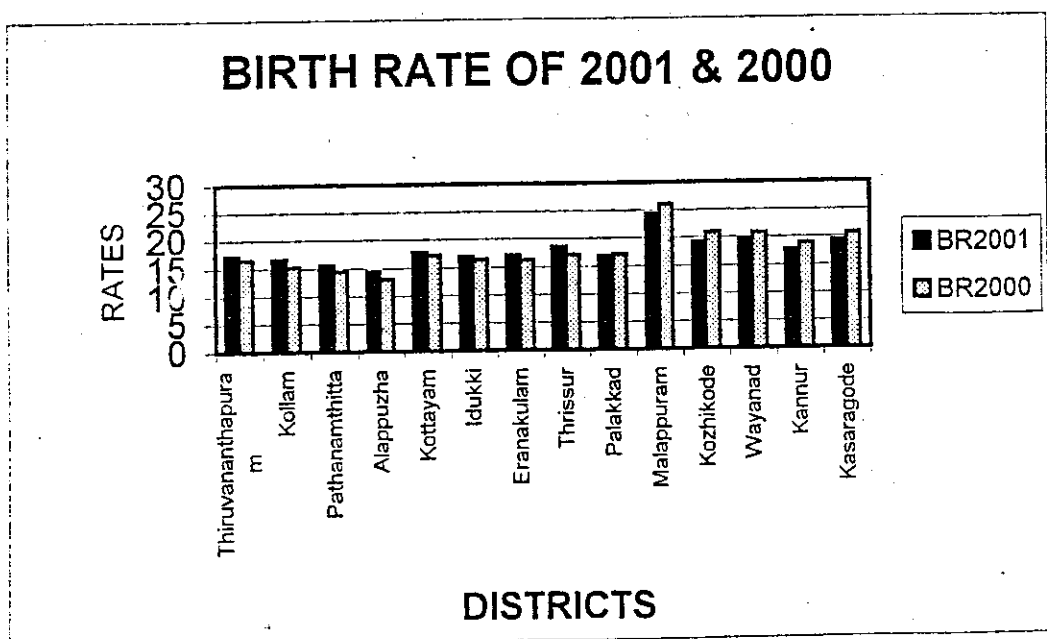
During the year under report 7.64 lakhs of birth cards , deaths cards and Still birth cards were received from the registration units. Processing of data was carried out in the Directorate of Economics & Statistics for further analysis.

### Vital Rates:

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

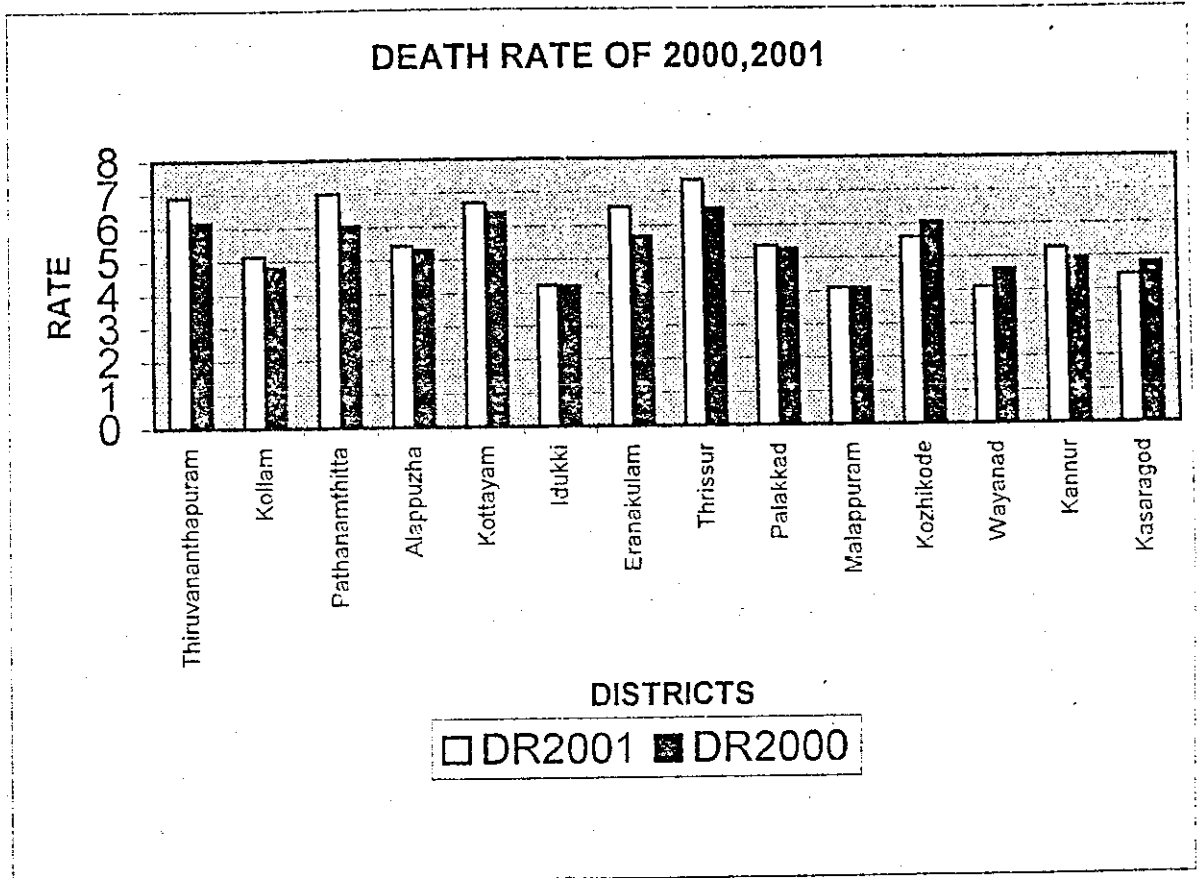
### Birth and Birth Rates

During the year under report, 5.79063 lakhs of registered live births comprising of 2.30692 lakhs rural births and 3.48371 lakhs urban births were analysed. The number of registered births during the year has decreased from 5.93724 lakhs to 5.79063 lakhs. The birth rate of the State during the year 2001 was 18.03 against 18.01 during 2000. The rural and urban rates were 8.63 and 66.88 respectively as against 8.51 and 77.28 during the previous year. Malappuram had the maximum birth rate being 24.28 during the reporting year. Other districts having higher birth rates were Wayanad (19.65) and Kasaragod (19.29) Kozhikode (19.08). The lowest birth rate was recorded in Alappuzha district with 14.38.



## Death and death rate

During the year 2001, there were 182059 deaths reported, consisting of 122428 deaths in rural areas and 59631 deaths in urban areas. The death rate of State during the year was calculated as 5.70. A slight increase in death rate is seen when compared to the previous year. The rural and urban breakup were 4.58 and 11.45 respectively. Thrissur district recorded the highest death rate being 7.54 and Malappuram had the lowest death rate being 4.08.



## Infant death rate

Infant death rate is the death rate of infants having age of below one year per thousand live births. The total infant death registered during the year 2001 was 3147 as against 4216 in the previous year 2000. The infant death rate was 5.43 with a rural and urban break up of 5.53 and 5.37 respectively. Infant Deaths were highest in Kottayam district with 574 (16.51) and lowest in Allappuzha district with 66 (2.18).

## Maternal death rate

Maternal death rate is the number of maternal deaths per thousand live births and stillbirths. During the reporting year 2001, number of maternal deaths reported was 7 having 2 maternal deaths in rural areas and 5 in urban side. There were 9 maternal death reported during the previous year.

## Still birth rate

The total number of still births registered during the year was 2704 against 3841 of the previous year. The still birth rate during the year was 4.65 whereas that during the previous year was 6.43. The highest still birth rate was in the district Kozhikode being 8.76 and the lowest rate was 1.52 in Pathanamthitta district.

## Conclusion

Malappuram district stands first with the highest birth rate and the lowest death rate. Alappuzha has the lowest birth rate. A slight increase in birth rate and death rate is seen in the reporting year 2001 compared to previous year. The general trend is that almost all the vital rates are higher in the urban areas than in the rural areas. This may be due to the fact that the registration in the urban areas may be almost completed and better medical facilities are available in the urban areas than in the rural areas.



Table 1

## TOTAL NUMBER OF LIVE BIRTHS, DEATHS, STILL BIRTHS, INFANT DEATHS, MATERNAL DEATHS AND THEIR RATES

District	Rural/ Urban	Estimated mid year population (000)	Live Births			Deaths		
			Number	Rate		Number	Rate	
				2001	2000		2001	2000
1	2	3	4	5	6	7	8	9
Thiruvananthapuram	Rural	2292	10460	4.56	3.85	9431	4.11	3.58
	Urban	953	45218	47.46	60.91	12947	13.59	15.26
	Total	3245	55678	17.16	16.39	22378	6.90	6.15
Kollam	Rural	2138	18848	8.81	8.52	10484	4.90	4.01
	Urban	452	24109	53.36	87.69	2816	6.23	13.56
	Total	2590	42957	16.58	15.19	13300	5.13	4.82
Pathanamthitta	Rural	1109	10080	9.09	7.85	7009	6.32	5.62
	Urban	124	9022	72.88	77.50	1611	13.01	10.04
	Total	1233	19102	15.49	14.32	8620	6.99	6.03
Alappuzha	Rural	1768	4132	2.34	2.64	8270	4.68	4.47
	Urban	341	26184	76.70	68.64	3138	9.19	9.78
	Total	2109	30316	14.38	12.98	11408	5.41	5.30
Kottayam	Rural	1799	25742	14.31	13.35	11656	6.48	6.14
	Urban	158	9029	57.17	63.48	1430	9.06	9.55
	Total	1957	34771	17.77	17.20	13086	6.69	6.40
Idakki	Rural	1084	13703	12.64	12.34	4442	4.10	3.91
	Urban	46	5428	116.92	119.37	327	7.04	11.46
	Total	1130	19131	16.93	16.37	4769	4.22	4.20
Eranakulam	Rural	2205	8330	3.78	3.93	8628	3.91	4.15
	Urban	903	44622	49.41	46.51	11654	12.90	9.42
	Total	3108	52952	17.04	16.24	20282	6.53	5.67
Thrissur	Rural	2442	16715	6.85	6.28	14669	6.01	5.25
	Urban	542	38521	71.05	131.34	7246	13.36	19.46
	Total	2984	55236	18.51	17.05	21915	7.34	6.48
Palakkad	Rural	2371	21408	9.03	9.23	11624	4.90	4.74
	Urban	254	22537	38.52	80.65	2418	9.51	9.60
	Total	2625	43945	16.74	17.01	14042	5.35	5.27
Malappuram	Rural	3318	52600	15.85	17.27	11582	3.49	3.43
	Urban	331	36007	108.93	114.98	3306	10.00	10.62
	Total	3649	88607	24.28	26.07	14888	4.08	4.08
Kozhikode	Rural	2305	14829	6.43	6.63	8605	3.73	3.50
	Urban	582	40269	69.15	78.22	7439	12.88	16.32
	Total	2888	55098	19.08	20.88	16104	5.58	6.05
Wayanad	Rural	761	12917	16.98	17.12	2863	3.76	4.43
	Urban	30	2620	87.76	113.48	369	12.36	9.76
	Total	791	15537	19.65	20.78	3232	4.09	4.63
Kannur	Rural	2043	10194	4.99	5.37	9043	4.42	4.08
	Urban	374	32231	86.28	101.70	3646	9.76	10.15
	Total	2418	42425	17.55	18.93	12689	5.25	4.93
Kasaragod	Rural	1089	10734	9.85	10.70	4122	3.78	4.27
	Urban	119	12574	106.05	105.57	1224	10.32	9.22
	Total	1208	23308	19.29	20.63	5346	4.43	4.79
State	Rural	26726	230692	8.63	8.51	122428	4.58	4.32
	Urban	5209	348371	66.88	77.28	59631	11.45	12.27
	Total	31935	579063	18.13	18.01	182059	5.70	5.42

Table 1 (Contd.)

**TOTAL NUMBER OF LIVE BIRTHS, DEATHS, STILL BIRTHS, INFANT DEATHS,  
MATERNAL DEATHS AND THEIR RATES**

District	Rural/ Urban	Still Births			Infant Deaths			Maternal Deaths		
		No (2001)	Rates		No (2001)	Rates		No (2001)	Rates	
			2001	2000		(2001)	2000		2001	2000
1	2	10	11	12	13	14	15	16	17	18
Thiruvananthapuram	Rural	16	1.53	1.30	15	1.43	3.49	0	0.00	0.20
	Urban	299	6.57	1.07	398	8.80	6.26	1	0.02	0.00
	Total	315	5.63	1.11	413	7.42	5.76	1	0.02	0.04
Kollam	Rural	75	3.96	4.49	66	3.50	3.71	0	0.00	0.00
	Urban	44	1.82	3.46	75	3.11	6.64	0	0.00	0.00
	Total	119	2.76	3.99	141	3.28	5.14	0	0.00	0.00
Pathanamthitta	Rural	17	1.68	0.00	36	3.57	6.68	0	0.00	0.00
	Urban	12	1.33	8.39	28	3.10	2.68	0	0.00	0.00
	Total	29	1.52	4.24	64	3.35	4.67	0	0.00	0.00
Alappuzha	Rural	14	3.38	5.32	12	2.90	10.50	0	0.00	0.00
	Urban	187	7.09	6.28	54	2.06	2.09	1	0.04	0.00
	Total	201	6.59	6.12	66	2.18	3.54	1	0.03	0.00
Kottayam	Rural	207	7.98	1.37	557	21.64	17.62	0	0.00	0.00
	Urban	25	2.76	6.89	17	1.88	1.88	0	0.00	0.00
	Total	232	6.63	2.94	574	16.51	13.16	0	0.00	0.00
Idukki	Rural	27	1.97	2.96	52	3.79	10.75	0	0.00	0.00
	Urban	28	5.13	0.00	7	1.29	5.10	0	0.00	0.00
	Total	55	2.87	2.15	59	3.08	9.20	0	0.00	0.00
Eranakulam	Rural	95	11.28	2.69	54	6.48	13.70	0	0.00	0.00
	Urban	144	3.22	3.97	289	6.48	5.24	0	0.00	0.00
	Total	239	4.49	3.75	343	6.48	6.69	0	0.00	0.00
Thrissur	Rural	27	1.61	3.75	96	5.74	12.64	0	0.00	0.11
	Urban	264	6.81	3.66	305	7.92	8.44	1	0.03	0.06
	Total	291	5.24	3.69	401	7.26	9.86	1	0.02	0.08
Palakkad	Rural	38	1.77	9.10	52	2.43	6.12	0	0.00	0.04
	Urban	109	4.81	5.62	162	7.19	6.87	0	0.00	0.08
	Total	147	3.33	7.31	214	4.87	6.51	0	0.00	0.06
Malappuram	Rural	106	2.01	2.03	86	1.63	2.25	2	0.04	0.00
	Urban	106	2.94	10.13	187	5.19	5.72	0	0.00	0.00
	Total	212	2.39	5.26	273	3.08	3.63	2	0.02	0.00
Kozhikode	Rural	52	2.15	6.12	16	1.08	3.24	0	0.00	0.00
	Urban	455	11.17	25.20	179	4.45	17.93	2	0.05	0.00
	Total	487	8.76	20.42	195	3.54	14.20	2	0.04	0.00
Wayanad	Rural	102	7.83	8.77	89	6.89	7.41	0	0.00	0.00
	Urban	4	1.52	16.73	26	9.92	10.33	0	0.00	0.00
	Total	106	6.78	10.43	115	7.40	8.02	0	0.00	0.00
Kannur	Rural	61	5.95	10.17	125	12.26	12.49	0	0.00	0.00
	Urban	102	3.15	6.12	98	3.04	3.37	0	0.00	0.00
	Total	163	3.83	7.12	223	5.26	5.59	0	0.00	0.00
Kasaragod	Rural	34	3.16	5.47	20	1.86	3.35	0	0.00	0.00
	Urban	74	5.85	8.94	46	3.66	1.94	0	0.00	0.00
	Total	108	4.61	7.33	66	2.83	2.60	0	0.00	0.00
State	Rural	851	3.68	4.18	1276	5.53	7.34	2	0.01	0.02
	Urban	1853	5.29	7.97	1871	5.37	6.94	5	0.01	0.01
	Total	2704	4.65	6.43	3147	5.43	7.10	7	0.01	0.02

**Table 2**  
**CENSUS POPULATIONS OF DISTRICTS (RURAL, URBAN – SEXWISE)\***

Sl No	Districts	Population of Towns as per census 2001				Population of Muni./corp.		
		Total	Rural		Urban		Male	Female
1	2	3	4	5	6	7	8	9
1	Thiruvananthapuram	3234707	1035652	1106370	535772	556913	464662	483571
2	Kollam	2584118	1020513	1097755	228103	23747	218847	228469
3	Pathanamthitta	1231577	528469	579535	59566	61007	59566	64007
4	Alappuzha	2105349	712503	774733	300069	318044	164912	176399
5	Kottayam	1952901	817364	835758	147069	152710	76982	80980
6	Idukki	1128605	557987	533378	28418	28822	22826	23400
7	Eranakulam	3098378	805950	815940	729931	746557	445513	454554
8	Thrissur	2975440	1018331	1117552	403666	435841	259489	279682
9	Palakkad	2617072	1092486	1168125	173308	183153	123005	130867
10	Malappuram	3629640	1586791	1686866	172688	183295	159051	168762
11	Kozhikode	2878498	863226	914326	535448	565498	281165	300072
12	Wayanad	786627	378547	378478	14850	14752	14850	14752
13	Kannur	2412365	578017	617185	576127	641036	181112	196769
14	Kasaragod	1203342	474899	494698	112864	120881	57297	60885
	<b>State</b>	<b>31838619</b>	<b>11450785</b>	<b>12120699</b>	<b>4017879</b>	<b>4249256</b>	<b>2529277</b>	<b>2663169</b>

\* Based on provisional population

Table 3

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

Sl No	Corporations/ Municipalities	Births			Deaths			Infant deaths
		Total	Male	Female	Total	Male	Female	
1	2	3	4	5	6	7	8	9
1	Attingal (M)	1041	486	555	280	176	104	
2	Nedumangad (M)	1137	560	577	404	267	137	1
3	Neyyattinkara (M)	1523	717	806	610	384	226	
4	Varkala (M)	723	339	384	314	194	120	
5	Thiruvananthapuram(C)	40794	21158	19636	11387	8409	2978	397
6	Paravoor (M)	269	130	139	255	156	99	2
7	Punalur (M)	4028	2059	1969	476	300	176	3
8	Kollam (C)	19812	9770	10042	2628	1664	964	77
9	Pathanamthitta (M)	2561	1326	1235	630	405	225	10
10	Thiruvalla (M)	3807	1999	1808	471	300	171	13
11	Alappuzha (M)	13550	7144	6406	2199	1755	444	31
12	Cherthala (M)	3947	2005	1942	446	277	169	8
13	Kayankulam(M)	4130	1983	2147	-	-	-	-
14	Changanassery (M)	1940	983	957	257	161	96	3
15	Kottayam (M)	3959	2003	1956	531	340	191	5
16	Thodupuzha (M)	5428	2782	2646	327	244	83	7
17	Angamaly (M)	2342	1183	1159	584	382	202	
18	Kalamassery (M)	36	18	18	201	121	80	
19	Kothamangalam (M)	4559	2113	2446	711	464	247	27
20	North Parur (M)	4041	2186	1855	1042	605	437	32
21	Thrippunithura (M)	2603	1381	1222	526	338	188	7
22	Kochi (C)	20867	10416	10451	6874	3845	3029	175
23	Chalakkudy (M)	4094	2090	2004	516	319	197	21
24	Chavakkad (M)	1094	558	536	302	172	130	
25	Kodungallur (M)	5043	2469	2574	503	320	183	24
26	Kuamankulam (M)	4898	2945	1953	563	341	222	6
27	Thrissur (C)	21490	10646	10844	4867	3419	1448	246
28	Chittoor-Thathamangal	117	65	52	225	121	104	
29	Ottappalam (M)	8983	4922	4061	641	377	264	44
30	Palakkad (M)	13437	6627	6810	1404	888	516	117
31	Shornur (M)	0	0	0	149	107	42	1
32	Malappuram (M)	8064	3333	4731	534	386	148	7
33	Manjeri (M)	6267	3423	2844	1256	811	445	60
34	Perinthalmanna (M)	9720	4795	4925	1096	695	401	103
35	Ponnani(M)	3340	1768	1572	27	20	7	
36	Tirur (M)	8616	4593	4023	393	237	156	17
37	Quilandy (M)	619	360	259	730	532	198	
38	Vadakara (M)	4615	2797	1818	968	682	286	17
39	Kozhikkode (C)	35035	17170	17865	5898	4015	1883	164
40	Kannur (M)	7228	3315	3913	1097	784	313	46
41	Mattannur (M)	2897	1493	1404	83	47	36	1
42	Payyannur(M)	5047	2593	2454	553	335	218	4
43	Thalassery(M)	7298	3882	3416	1182	782	400	24
44	Thaliparambu(M)	5324	2993	2331	124	87	37	4
45	Kanjhagad (M)	4619	2380	2239	631	395	236	13
46	Kasaragod (M)	7955	4024	3931	592	387	205	33

Table 4

Total number of Births, Deaths, and Infant Deaths in Corporations and Municipalities having a Population of 30000 and above - District wise - 2001

Sl No	Districts	Births	Deaths	Infant Death
1	2	3	4	5
1	Thiruvananthapuram	45218	12995	398
2	Kollam	24109	3359	82
3	Pathanamthitta	6368	1101	23
4	Alappuzha	21627	2645	39
5	Kottayam	5899	788	8
6	Idukki	5428	327	7
7	Eranakulam	34448	9938	241
8	Thrissur	36619	6751	297
9	Palakkad	22537	2419	162
10	Malappuram	36007	3306	187
11	Kozhikode	40269	7596	181
12	Wayanadu			
13	Kannur	27794	3039	79
14	Kasaragod	12574	1223	46
	State	318897	55487	1750

Table 5

TOTAL NO OF VITAL EVENTS AND ITS RATES IN CORPORATION/MUNICIPALITIES

Sl. No	Corporations / Municipalities	Live birth		Death		Infant death	
		No.	Rate	No.	Rate	No.	Rate
1	2	3	4	5	6	7	10
1	Attingal (M)	1041	29.12	280	7.83		0.00
2	Nedumangad (M)	1137	20.17	404	7.17	1	0.88
3	Neyyattinkara (M)	1523	21.34	610	8.55		0.00
4	Varkala (M)	723	17.06	314	7.41		0.00
5	Thiruvananthapuram(C)	40794	54.62	11387	15.18	397	9.73
6	Paravoor (M)	269	6.95	255	6.50	2	7.43
7	Punalur (M)	4028	85.23	476	10.00		0.00
8	Kollam (C)	19812	54.15	2628	7.27	73	3.68
9	Adoor (M)	2654	91.44	510	17.57	5	1.88
10	Pathanamthitta (M)	2561	67.63	630	16.64	10	3.90
11	Thiruvalla (M)	3807	66.91	471	8.28	13	3.41
12	Alappuzha (M)	13550	76.48	2199	12.41	31	2.29
13	Chengannur (M)	1010	39.80	304	11.98	6	5.94
14	Cherthala (M)	3947	87.40	446	9.88	8	2.03
15	Kayamkulam (M)	4130	63.31		0.00		0.00
16	Mavelikkara (M)	3547	124.70	189	6.64	9	2.54
17	Changanassery (M)	1940	37.35	257	4.95	3	1.55
18	Kottayam (M)	3959	65.28	531	8.76	5	1.26

Table 5 (Contd.)

Sl. No	Corporations / Municipalities	Live birth		Death		Infant death	
		No.	Rate	No.	Rate	No.	Rate
1	2	3	4	5	6	9	10
19	Pala (M)	2614	115.33	334	14.74	4	1.53
20	Vaikom (M)	516	22.77	286	12.62	3	5.81
21	Thodupuzha (M)	5428	116.92	327	7.04	7	1.29
22	Aluva(M)	4304	178.69	428	17.77	8	1.86
23	Angamaly (M)	2342	69.85	584	17.42		0.00
24	Kalamassery (M)	36	0.57	201	3.17		0.00
25	Kothamangalam (M)	4559	119.46	711	18.63	27	5.92
26	Moovattupuzha (M)	3560	121.56	664	22.67	24	6.74
27	North Parur (M)	4041	133.66	1042	34.47	32	7.92
28	Perumbavoor (M)	2310	86.79	624	23.45	16	6.93
29	Thrippunithura (M)	2603	43.24	526	8.74	7	2.69
30	Kochi (C)	20867	34.92	6874	11.50	175	8.39
31	Chalakkudy (M)	4094	107.31	516	13.53	21	5.13
32	Chavakkad (M)	1094	22.56	302	6.23		0.00
33	Guruvayoor (M)	206	9.71	198	9.33		0.00
34	Iringalakuda (M)	1696	58.64	297	10.27	8	4.72
35	Kodungallur (M)	5043	149.99	503	14.96	24	4.76
36	Kunnamkulam (M)	4898	91.94	563	10.57	6	1.22
37	Thrissur (C)	21490	67.47	4982	15.28	246	11.45
38	Chittoor-Thathamangal	117	3.67	225	7.06		0.00
39	Outappalam (M)	8983	181.81	641	12.97	44	4.90
40	Palakkad (M)	13437	102.58	1404	10.72	117	8.71
41	Shornur (M)			149		1	
42	Malappuram (M)	8064	137.12	534	9.08	7	0.87
43	Manjeri (M)	6267	74.40	1256	14.91	60	9.57
44	Perinthalmanna (M)	9720	216.91	1096	24.46	103	10.60
45	Ponnani (M)	3340	37.57	27	0.30		0.00
46	Tirur (M)	8616	160.16	393	7.31	17	1.97
47	Quilandy (M)	619	8.92	730	10.52		0.00
48	Vadakara (M)	4615	60.84	968	12.76	17	3.68
49	Kozhikkode (C)	35035	80.15	5898	13.27	162	4.62
50	Kalpetta (M)	2620	87.76	369	12.36	26	9.92
51	Kannur (M)	7228	113.39	1097	17.21	46	6.36
52	Kuthuparambu(M)	2299		147		16	7.48
53	Mattannur (M)	2897	77.79	83	2.81	3	1.30
54	Payyannur(M)	5047	65.17	553	12.44	1	0.35
55	Thalassery(M)	7298	73.28	1182	17.16	4	0.79
56	Thaliparambu(M)	5324	73.53	124	1.25	24	3.29
57	Kannur (CB)	2138	78.65	460	6.80	4	0.75
58	Kanjhagad (M)	4619	70.20	631	9.59	13	2.81
59	Kasargod (M)	7955	150.75	592	11.22	33	4.15

TABLE 6

## LIVE BIRTH BY TYPE OF ATTENTION AT DELIVERY 2000 - RURAL AND URBAN

Sl No	Districts	Total	Rural						Urban Towns with Population								
			Institutional			Physi- cian, Nurse & Trained midwife	Un- quali- fied mid wife	Others	Below 30000			Above 30000					
			Govt	Private	Institu- tional Govt				Institu- tional Private	Physi- cian, Nurse & Trained midwife	Un- quali- fied mid wife	Others	Institu- tional Govt	Institu- tional Private	Physi- cian, Nurse & Trained midwife	Un- quali- fied mid wife	Others
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Thiruvananthapuram	55678	6131	3813	185	261	70						39427	4842	610	14	325
2	Kollam	42957	12701	5906	116	82	43						20014	3991	37	36	31
3	Pathanamthitta	19102	8932	348	96	611	93	2594	44	15	1		6103	255	6	2	2
4	Alappuzha	30316	4075	5	4	43	5	3893	646	9	1	8	20959	641	19	4	4
5	Kottayam	34771	14044	10681	377	476	164	1910	1174	43	2	1	3282	2588	6	7	16
6	Idukki	19131	12710	442	152	225	174						4952	441	32	1	2
7	Eranakulam	52952	6057	1918	201	115	39	6448	3576	113	1	36	22342	11616	341	87	62
8	Thrissur	55236	11558	4542	438	130	47	1247	624	26		5	29975	6478	135	11	20
9	Palakkad	43945	11902	7504	286	1187	529						15701	6073	715	12	36
10	Malappuram	88607	31785	12842	1644	4369	1960						20936	14566	130	104	271
11	Kozhikode	55098	11187	3217	137	216	72						34264	5775	56	20	154
12	Wayanadu	15537	9472	3117	61	142	125	1336	1163	120	1	2	22324	5268	111	6	85
13	Kannur	42425	4027	4936	1042	118	71	2889	1399	146	1		6916	5390	243	4	21
14	Kasaragod	23308	8436	1223	363	285	427					52	247195	67924	2441	308	1029
	State	579063	153017	60494	5102	8260	3819	20317	8626	472	7		247195	67924	2441	308	1029

218613

346975

TABLE -7

## LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF MOTHER FOR THE STATE (RURAL) 2001

Order of Birth	Illiterate	Level of Literacy						Total
		Below Primary	Primary but below Matric	Matric but below Graduate	Graduate and above	Not Reported		
	2	3	4	5	6	7	8	
01	723	5675	30603	49983	11929	142	99115	
02	750	5935	30238	42778	7927	159	87805	
03	562	2871	13719	10075	1224	63	28514	
04	257	1204	5213	2151	185	31	9041	
05	98	469	1981	474	36	9	3067	
06	55	214	776	212	19	11	1287	
07	49	101	370	67	4	2	593	
08	17	47	172	22	2		260	
09	10	33	115	9	2	3	172	
10	5	23	58	5	2		93	
11 and above	6	6	38	14	4	1	69	
Not reported	29	54	234	220	97	42	676	
<b>Total</b>	<b>2561</b>	<b>16630</b>	<b>83597</b>	<b>10610</b>	<b>21431</b>	<b>463</b>	<b>230692</b>	



TABLE-8

## LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF MOTHER FOR THE STATE.(URBAN) 2001

Order of Birth	Level of Literacy										Total
	Illiterate	Below Primary		Primary but below		Matric but below		Graduate and above	Not Reported	8	
		2	3	4	5	6	7				
01	1024	11374	46033	76698	28577	370	164076				
02	953	11059	42914	65253	18503	253	138935				
03	500	3442	15199	11671	1946	95	32853				
04	201	948	4483	1780	164	22	7598				
05	88	333	1189	342	30	11	1993				
06	33	139	450	145	17	2	786				
07	24	65	158	30	5	2	284				
08	8	30	75	16	2	1	132				
09	6	18	34		0	3	61				
10	1	10	7	5	1		24				
11 and above	10	5	14	7	7	1	41				
Not reported	39	98	405	628	262	153	1585				
Total	2887	27521	110961	156575	49514	913	348371				

TABLE No.9

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

Order of Birth	Level of Literacy								Total
	Illiterate	Below Primary	Primary but below Matric	Matric but below Graduate	Graduate and above	Not Reported			
	2	3	4	5	6	7	8		
01	1747	17049	76696	126681	40506	512	263191		
02	1703	16992	73172	108031	26430	412	226740		
03	1962	6313	28918	21746	3170	158	61367		
04	458	2152	9696	3931	349	53	16639		
05	186	802	3170	816	66	20	5060		
06	88	353	1226	357	36	13	2073		
07	73	166	528	97	9	4	877		
08	25	77	247	38	4	1	392		
09	16	51	149	9	2	6	233		
10	6	33	65	10	3		117		
11 and above	16	11	52	21	11	2	113		
Not reported	68	152	639	848	359	195	2261		
Total	5448	44151	194558	262585	70945	1376	579063		

TABLE-10

## LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF FATHER FOR THE STATE (RURAL) 2001

Order of Birth	Level of Literacy								Total
	Illiterate	Below Primary	Primary but below Matric	Matric but below Graduate	Graduate and above	Not Reported			
1	2	3	4	5	6	7	8		
01	994	6486	36274	45590	9557	214	99115		
02	994	6834	35051	38087	6639	200	87805		
03	648	3375	14499	8745	1160	87	28514		
04	319	1327	5168	1976	216	35	9041		
05	121	509	1923	461	42	11	3067		
06	49	231	745	225	27	10	1287		
07	41	98	379	65	8	2	593		
08	15	58	158	26	3		260		
09	10	27	116	14	2	3	172		
10	5	23	51	10	4		93		
11 and above	6	4	43	13	2	1	69		
Not reported	41	62	273	197	63	40	676		
Total	3243	19034	94680	95409	17725	603	230692		

TABLE -II  
LIVE BIRTH ACCORDING TO BIRTH AND LITERACY OF FATHER FOR KERALA 2001(URBAN)

Order of Birth	Level of Literacy					Total	
	Illiterate	Below Primary	Primary but below Matric	Matric but below Graduate	Graduate and above		Not Reported
1	2	3	4	5	6	7	8
01	1594	13148	53753	72278	22829	474	164076
02	1373	12556	49698	59823	15178	307	138935
03	711	3933	15804	10484	1803	118	32853
04	236	1071	4352	1722	193	24	7598
05	79	340	1161	363	41	9	1993
06	39	147	439	138	20	3	786
07	19	65	162	29	7	2	284
08	13	20	78	16	3	2	132
09	9	11	33	5	0	3	61
10	2	6	9	6	1		24
11 and above	5	6	26	5	2	0	44
Not reported	66	107	478	635	160	139	1585
Total	4146	31410	125993	145504	40237	1081	348371

TABLE-12  
LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF FATHER FOR THE STATE 2001

Order of Birth	Level of Literacy							Total
	Illiterate	Below Primary	Primary but below Matric	Matric but below Graduate	Graduate and above	Not Reported		
1	2	3	4	5	6	7	8	
01	2588	19634	90027	117868	22386	688	263191	
02	2367	19390	84749	97910	21817	507	226740	
03	1359	7308	30303	19229	2963	205	61367	
04	555	2398	9520	3698	409	59	16639	
05	200	849	3084	824	83	20	5060	
06	88	378	1184	363	47	13	2073	
07	60	163	541	94	15	4	877	
08	28	78	236	42	6	2	392	
09	19	38	149	19	2	6	233	
10	7	29	60	16	5		117	
11 and above	11	10	69	18	4	1	113	
Not reported	107	169	751	832	223	179	2261	
<b>Total</b>	<b>7389</b>	<b>50444</b>	<b>220673</b>	<b>240913</b>	<b>57960</b>	<b>1684</b>	<b>579063</b>	

TABLE-13

## LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND OCCUPATION OF FATHER - KERALA (RURAL) 2001

Order of Birth	Professional and Technical related worker	Administrative and Executive workers	Clerical work	Sale workers	Service workers	Farmers Fishers Hunters Loggers and related workers	Production & other related workers, transport and other equipment operators and labours	Others whose occupation is and else where classified	Non workers	Total
	2	3	4	5	6	7	8	9	10	11
01	2191	919	3344	9358	3098	8224	44226	17401	10354	99115
02	1602	585	2465	7046	2687	7197	38635	14887	12701	87805
03	338	99	400	2261	544	2387	15242	4843	2400	28514
04	100	19	82	624	149	732	4891	1756	688	9041
05	36	8	18	206	65	268	1533	660	273	3067
06	14	2	8	83	23	137	571	255	194	1287
07	11		2	35	17	84	252	117	75	593
08	2	1		18	4	34	123	47	31	260
09	7			6	2	44	65	29	19	172
10	3		1	5		14	42	18	10	93
11 & above	1	0	1	4	1	9	24	15	14	69
Not reported	14	3	24	57	24	88	282	123	61	676
<b>Total</b>	<b>4319</b>	<b>1636</b>	<b>6345</b>	<b>19703</b>	<b>6614</b>	<b>19218</b>	<b>105886</b>	<b>40151</b>	<b>26820</b>	<b>230692</b>

TABLE -14

## LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND OCCUPATION OF FATHER KERALA (URBAN) 2001

Order of Birth	Professional Technical and related worker	Administrative and Executive workers	Clerical work	Sale workers	Service workers	Farmers Fishers Hunters Loggers and related workers	Production & other related workers, transport and other equipment operators and labours	Others whose occupation is and else where classified	Non workers	Total
	2	3	4	5	6	7	8	9	10	11
01	4231	1459	8594	17542	6502	8468	75288	24733	17259	164076
02	2542	913	6297	13472	4994	7554	62110	20279	20774	138935
03	369	133	786	3533	654	2078	17327	5595	2378	32853
04	46	27	91	825	102	434	4176	1430	467	7598
05	13	4	13	216	46	129	1076	368	128	1993
06	10	4	9	69	11	42	390	152	99	786
07	4	1		31	3	20	155	46	24	284
08				14	5	9	69	19	16	152
09				8	1	3	31	7	11	61
10	1		1	2	1	5	10	3	1	24
11 & above	0	0	3	6	1	2	12	8	12	44
Not reported	57	8	60	106	55	71	642	327	259	1585
<b>Total</b>	7273	2549	15854	35824	12375	18815	161286	52967	41428	348371

TABLE - 15  
**LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND OCCUPATION OF FATHER KERALA STATE 2001**

Order of Birth	Professional Technical and related worker	Administrative and Executive workers	Clerical work	Sale workers	Service workers	Farmers Fishers Hunters Loggers and related workers	Production & other related workers, transport and other equipment operators and labours	Others whose occupation is and else where classified	Non workers	Total
1	2	3	4	5	6	7	8	9	10	11
01	6422	2378	11938	26900	9600	16692	119514	42134	27613	263191
02	4144	1498	8762	20518	7681	14751	100745	35166	33475	226740
03	707	232	1186	5794	1198	4465	32569	10438	4778	61367
04	146	46	173	1449	251	1166	9067	3186	1155	16639
05	49	12	31	422	111	397	2609	1028	401	5060
06	24	6	17	152	34	179	961	407	293	2073
07	15	1	2	66	20	104	407	163	99	877
08	2	1		32	9	43	192	66	47	392
09	7			14	3	47	96	36	30	233
10	4		2	7	1	19	52	21	11	117
11 & above	1	0	4	10	2	11	36	23	26	113
Not reported	71	11	84	163	79	159	924	450	320	2261
<b>Total</b>	<b>11592</b>	<b>4185</b>	<b>22199</b>	<b>55527</b>	<b>18989</b>	<b>38033</b>	<b>267172</b>	<b>93118</b>	<b>68248</b>	<b>579063</b>



TABLE - 16  
LIVE BIRTH BY ORDER OF BIRTH AND AGE OF MOTHER - RURAL - 2001

Order of Birth	Age of Mother										Age not reported	All Ages
	Below 15	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	5	17624	50774	25014	4631	869	145	49	2	99115	2	
02	0	910	34399	36515	12725	3054	159	40	3	87805	3	
03	0	41	7117	13771	5859	1576	126	20	4	28514	4	
04	0	5	773	4181	2933	1039	97	10	3	9041	3	
05	0	2	85	912	1290	670	92	14	2	3067	2	
06	0	3	18	186	528	454	81	12	5	1287	5	
07	0	2	3	39	194	269	68	18		593		
08	0	0	1	19	50	138	43	7	2	260	2	
09	0	0	0	2	27	87	44	12		172		
10	0	0	0	2	14	39	30	8		93		
11 & above	0	1	3	2	4	10	31	18	0	69	0	
Not Reported	0	37	267	164	60	21	16	100	11	676	11	
Total	5	18625	93440	80807	28315	8226	932	308	32	230692	32	

TABLE - 17  
LIVE BIRTH BY ORDER OF BIRTH AND AGE OF MOTHER - URBAN - 2001

Order of Birth	Age of Mother											All Ages
	Below 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 & above	Age not reported			
1	2	3	4	5	6	7	8	9	10	11		
01	8	22162	85121	45750	8891	1801	259	79	5	164076		
02	0	922	45676	63198	23257	5489	314	70	9	138935		
03	0	43	6915	16091	7613	2022	139	28	2	32853		
04	0	1	648	3465	2500	896	74	14		7598		
05	0	2	65	613	844	405	60	4		1993		
06	0	1	7	124	356	257	36	3	2	786		
07	0	0	2	30	101	121	25	1	4	284		
08	0	0	1	9	50	51	17	4		132		
09	0	0	0	1	7	41	9	2	1	61		
10	0	0	0	0	6	8	9	1		24		
11 & above			4		3	10	16	9	2	44		
Not Reported	0	89	589	360	209	39	60	233	6	1585		
Total	8	23220	159028	129641	43837	11140	1018	448	31	348371		

TABLE - 18  
LIVE BIRTH BY ORDER OF BIRTH AND AGE OF MOTHER - KERALA - 2001

Order of Birth	Age of Mother										Age not reported	All Ages
	Below 15	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	13	39788	135895	70764	15522	2670	404	128	7	263191		
02	0	1832	80075	99713	35982	8543	473	110	12	226740		
03	0	84	14032	29862	13472	3598	265	48	6	61367		
04	0	6	1421	7646	5433	1935	171	24	3	16639		
05	0	4	150	1525	2134	1075	152	18	2	5060		
06	0	4	25	310	884	711	117	15	7	2073		
07	0	2	5	69	295	390	93	19	4	877		
08	0	0	2	28	100	189	60	11	2	392		
09	0	0	0	3	34	128	53	14	1	233		
10	0	0	0	2	20	47	39	9		117		
11 & above	0	1	7	2	7	20	47	27	2	113		
Not Reported	0	126	856	524	269	60	76	333	17	2261		
Total	13	41847	232468	210448	72152	19366	1950	756	63	579063		

**TABLE - 19**  
**Live Birth By Age Of Mother In Municipalities And Corporations - Kerala - 2001**

Sl. No.	Municipality/Corporation	Age of Mother								NR	Total
		Below 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 and above		
1	2	3	4	5	6	7	8	9	10	11	12
1	Attingal (M)	0	59	453	416	91	22	0	0		1041
2	Nedumangad (M)	0	89	608	333	85	18	3	1		1137
3	Neyyattinkara (M)	0	66	756	541	128	28	2	2		1523
4	Varkala (M)	0	44	280	293	90	15	1	0		723
5	Thiruvananthapuram(C)	4	1695	17062	15440	5262	1065	123	143		40794
6	Paravoor (M)	0	7	128	97	32	5	0	0		269
7	Punalur (M)	0	190	1764	1596	399	71	7	0	1	4028
8	Kollam (C)	0	833	8304	7893	2077	661	39	5		19812
9	Adoor (M)	0	88	1029	1137	358	40	2	0		2654
10	Pathanamthitta (M)	0	111	1006	1053	325	62	3	1		2561
11	Thiruvalla (M)	0	58	948	1874	752	158	11	6		3807
12	Alappuzha (M)	1	390	4997	5698	2030	370	37	27		13550
13	Chengannur (M)	0	13	296	487	182	28	3	1		1010
14	Cherthala (M)	0	41	1191	1829	731	141	12	2		3947
15	Kayamkulam (M)	0	122	1752	1682	460	102	5	7		4130
16	Mavelikkara (M)	0	77	1309	1551	507	89	8	6		3547
17	Changanassery (M)	0	29	583	869	396	57	6	0		1940
18	Kottavam (M)	0	64	1038	1882	788	174	13	0		3959
19	Pala (M)	0	30	546	1148	689	182	14	5		2614
20	Vaikom (M)	0	5	133	249	104	25	0	0		516
21	Thodupuzha (M)	0	73	1351	2483	1209	294	16	2		5428
22	Aluva(M)	0	93	1653	1873	567	109	5	4		4304
23	Angamaly (M)	0	19	690	1113	441	72	7	0		2342
24	Kalamassery (M)	0	1	12	20	3	0	0	0		36
25	Kothamangalam (M)	0	97	1463	2013	793	179	13	1		4559
26	Moovattupuzha (M)	0	93	1168	1569	622	98	7	3		3560
27	North Parur (M)	0	68	1480	1698	656	123	13	3		4041
28	Perumbavoor (M)	0	26	825	1038	361	54	6	0		2310
29	Thrippunithura (M)	0	23	706	1238	500	120	8	8		2603
30	Kochi (C)	0	352	6682	9407	3610	731	56	13	16	20867
31	Chalakkudy (M)	0	64	1387	1880	630	124	9	0		4094

TABLE - 19 (Contd.)

Sl. No.	Municipality/Corporation	Age of Mother								NR	Total
		Below 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 and above		
1	2	3	4	5	6	7	8	9	10	11	12
32	Chayakkad (M)	0	75	497	373	115	29	5	0		1094
33	Guruvayoor (M)	0	8	88	74	29	5	2	0		206
34	Iringalakuda (M)	0	57	597	734	257	45	4	2		1696
35	Kodungallur (M)	0	99	1530	2295	569	521	21	8		5043
36	Kunnamkulam (M)	1	392	2202	1660	548	88	1	6		4898
37	Thrissur (C)	0	989	8541	8256	2940	666	65	33		21490
38	Chittoor-Thathamangal	1	4	46	48	13	5	0	0		117
39	Ottappalam (M)	0	1493	4086	2372	766	210	39	17		8983
40	Patakkad (M)	0	1011	6194	4668	1240	280	37	7		13437
41	Shornur (M)										0
42	Malappuram (M)	1	1299	3213	2350	768	387	36	10		8064
43	Manjeri (M)	0	1175	2635	1646	557	215	29	10		6267
44	Perinthalmanna (M)	0	2135	3964	2512	795	274	31	9		9720
45	Ponnani (M)	0	578	1519	819	329	85	7	2	1	3340
46	Tirur (M)	0	1069	3901	2377	924	292	40	13		8616
47	Quilandy (M)	0	32	302	225	53	6	0	1		619
48	Vadakara (M)	0	432	1944	1538	426	251	21	3		4615
49	Kozhikkode (C)	0	3883	15383	11301	3183	1147	91	40	7	35035
50	Kalpetta (M)	0	241	1272	818	227	49	10	3		2620
51	Kannur (M)	0	538	2953	2531	943	234	20	9		7228
52	Kannur (CB)	0	91	793	821	294	120	13	6		2138
53	Kuthuparambu(M)	0	190	1093	718	229	63	5	1		2299
54	Mattannur (M)	0	292	1353	914	264	66	7	1		2897
55	Payyannur(M)	0	317	2357	1722	534	109	6	2		5047
56	Thalassery(M)	0	397	3198	2581	872	212	23	10	5	7298
57	Thaliparambu(M)	0	375	2250	1912	636	129	19	3		5324
58	Kanjhagad (M)	0	302	2084	1594	494	126	15	4		4619
59	Kasargod (M)	0	826	3433	2382	954	309	42	8	1	7955
	<b>Total</b>	8	23220	139028	129641	43837	11140	1018	448	31	348371

**TABLE – 20**  
**Birth By Religion In The Corporations And Municipalities of Kerala – 2001**

Sl. No.	Municipality/Corporation	Hindu	Muslim	Christian	Others	Total
1	2	3	4	5	6	7
1	Attingal (M)	953	65	22	1	1041
2	Nedumangad (M)	713	255	162	7	1137
3	Neyyattinkara (M)	694	111	681	37	1523
4	Varkala (M)	430	267	22	4	723
5	Thiruvananthapuram(C)	27320	6297	6627	550	40794
6	Paravoor (M)	188	40	39	2	269
7	Punalur (M)	2312	758	926	32	4028
8	Kollam (C)	11270	5508	2817	217	19812
9	Adoor (M)	1979	122	536	17	2654
10	Pathanamthitta (M)	1695	181	674	11	2561
11	Thiruvalla (M)	1515	124	2149	19	3807
12	Alappuzha (M)	9045	2026	2281	198	13550
13	Chengannur (M)	621	14	371	4	1010
14	Cherthala (M)	2838	413	691	5	3947
15	Kayamkulam (M)	2150	1208	731	41	4130
16	Mavelikkara (M)	2745	216	565	21	3547
17	Changanassery (M)	1064	160	709	7	1940
18	Kottayam (M)	1888	528	1529	14	3959
19	Pala (M)	1193	135	1259	27	2614
20	Vaikom (M)	269	160	83	4	516
21	Thodupuzha (M)	2267	783	2371	7	5428
22	Aluva(M)	2090	1632	552	30	4304
23	Angamaly (M)	850	111	1377	4	2342
24	Kalamassery (M)	19	12	4	1	36
25	Kothamangalam (M)	2085	959	1496	19	4559
26	Moovattupuzha (M)	1571	1013	932	44	3560
27	North Parur (M)	2601	408	977	55	4041
28	Perumbavoor (M)	946	524	802	38	2310
29	Thrippunithura (M)	1851	98	611	43	2603
30	Kochi (C)	9068	4480	7207	112	20867
31	Chalakkudy (M)	1556	177	2350	11	4094

TABLE - 20 (Contd..)

Sl.No.	Municipality/Corporation	Hindu	Muslim	Christian	Others	Total
1	2	3	4	5	6	7
32	Chavakkad (M)	514	542	28	10	1094
33	Guruvayoor (M)	85	114	7	0	206
34	Iringalakuda (M)	1250	141	293	12	1696
35	Kodungallur (M)	2019	2614	345	65	5043
36	Kunnankulam (M)	3542	1039	303	14	4898
37	Thrissur (C)	13195	3224	4948	123	21490
38	Chittoor-Thathamangal	102	12	3	0	117
39	Ottappalam (M)	5500	3090	123	270	8983
40	Palakkad (M)	10853	2065	313	206	13437
41	Shornur(M)				0	0
42	Malappuram (M)	853	6784	298	129	8064
43	Manjeri (M)	1924	4190	117	36	6267
44	Perinthalmanna (M)	2016	7256	384	64	9720
45	Ponnani (M)	934	2360	29	17	3340
46	Tirur (M)	1835	6600	122	59	8616
47	Quilandy (M)	318	288	3	10	619
48	Vadakara (M)	1154	3322	123	16	4615
49	Kozhikkode (C)	16011	17114	958	952	35035
50	Kalpetta (M)	961	1002	580	77	2620
51	Kannur (M)	2770	3808	536	114	7228
52	Kannur (CB)	1253	737	135	13	2138
53	Kuthuparambu(M)	1138	774	357	30	2299
54	Mattannur (M)	1349	1200	329	19	2897
55	Payyannur(M)	3602	1141	246	58	5047
56	Thalassery(M)	4431	2584	208	75	7298
57	Thaliparambu(M)	2641	1550	1093	40	5324
58	Kanjhagad (M)	3285	601	682	51	4619
59	Kasargod (M)	3448	4254	142	111	7955
	TOTAL	182769	107191	54258	4153	348371

TABLE - 21  
LIVE BIRTH BY RELIGION IN KERALA (DISTRICTWISE) - 2001

DISTRICTS	RURAL/ URBAN	TOTAL BIRTHS	HINDUS	MUSLIMS	CHRISTIANS	OTHERS
1	2	3	4	5	6	7
Thiruvananthapuram	Rural	10460	5089	2199	3021	151
	Urban	45218	30110	6995	7514	599
	Total	55678	35199	9194	10535	750
Kollam	Rural	18848	10472	4876	3385	115
	Urban	24109	13770	6306	3782	251
	Total	42957	24242	11182	7167	366
Pathanamthitta	Rural	10080	5397	468	4134	81
	Urban	9022	5189	427	3359	47
	Total	19102	10586	895	7493	128
Alappuzha	Rural	4132	1919	846	1324	43
	Urban	26184	17399	3877	4639	269
	Total	30316	19318	4723	5963	312
Kottayam	Rural	25742	9046	3828	12615	253
	Urban	9029	4414	983	3580	52
	Total	34771	13460	4811	16195	305
Idukki	Rural	13703	5914	2834	4886	69
	Urban	5428	2267	783	2371	7
	Total	19131	8181	3617	7257	76
Ernakulam	Rural	8330	3463	1323	3508	36
	Urban	44622	21081	9237	13958	346
	Total	52952	24544	10560	17466	382
Thrissur	Rural	16715	8265	5374	2984	92
	Urban	38521	22161	7851	8274	235
	Total	55236	30426	13225	11258	327
Palakkad	Rural	21408	11026	9317	926	139
	Urban	22537	16455	5167	439	476
	Total	43945	27481	14484	1365	615
Malappuram	Rural	52600	11554	39555	1077	414
	Urban	36007	7562	27190	950	305
	Total	88607	19116	66745	2027	719
Kozhikode	Rural	14829	3493	9883	1302	151
	Urban	40269	17483	20724	1084	978
	Total	55098	20976	30607	2386	1129
Wayanad	Rural	12917	5974	4438	2327	178
	Urban	2620	961	1002	580	77
	Total	15537	6935	5440	2907	255
Kannur	Rural	10194	4852	3202	2021	119
	Urban	32231	17184	11794	2904	349
	Total	42425	22036	14996	4925	468
Kasaragod	Rural	10734	5186	5029	480	39
	Urban	12574	6733	4855	824	162
	Total	23308	11919	9884	1304	201
State	Rural	230692	91650	93172	43990	1880
	Urban	348371	182769	107191	54258	4153
	Total	579063	274419	200363	98248	6033



**TABLE - 22**  
**MONTH WISE DISTRIBUTION OF LIVE BIRTHS IN KERALA 2001(RURAL/URBAN).**

Sl. No. 1	MONTH 2	RURAL 3	URBAN 4	TOTAL 5
1	January	18149	26773	44922
2	February	17803	28043	45846
3	March	22912	34215	57127
4	April	20712	29751	50463
5	May	21428	31598	53026
6	June	19798	31504	51302
7	July	19735	28551	48286
8	August	16855	27941	44796
9	September	16969	24109	41078
10	October	19106	32011	51117
11	November	18806	25842	44648
12	December	18419	28033	46452
13	State	230692	348371	579063

**TABLE - 23**  
**SEX-RATIO OF LIVE BIRTHS IN KERALA (DISTRICTWISE) -2001**

DISTRICT	RURAL / URBAN	MALE	FEMALE	SEX-RATIO
1	2	3	4	5
Thiruvananthapuram	Rural	5243	5217	995
	Urban	23260	21958	944
	Total	28503	27175	953
Kollam	Rural	9536	9312	977
	Urban	11959	12150	1016
	Total	21495	21462	998
Pathanamthitta	Rural	5157	4923	955
	Urban	4687	4335	925
	Total	9844	9258	940
Alappuzha	Rural	2106	2026	962
	Urban	13488	12696	941
	Total	15594	14722	944
Kottayam	Rural	15370	12372	925
	Urban	4526	4503	995
	Total	17896	16875	943
Idukki	Rural	6916	6787	981
	Urban	2782	2646	951
	Total	9698	9433	973
Eranakulam	Rural	4202	4128	982
	Urban	22423	22199	990
	Total	26625	26327	989
Thrissur	Rural	8578	8137	949
	Urban	19740	18781	951
	Total	28318	26918	951
Palakkad	Rural	10976	10432	950
	Urban	11614	10923	941
	Total	22590	21355	945
Malappuram	Rural	26495	26105	985
	Urban	17912	18095	1010
	Total	44407	44200	995
Kozhikode	Rural	7458	7371	988
	Urban	20327	19942	981
	Total	27785	27313	983
Wayanad	Rural	6535	6382	977
	Urban	1336	1284	961
	Total	7871	7666	974
Kannur	Rural	5208	4986	957
	Urban	16509	15722	952
	Total	21717	20708	954
Kasaragod	Rural	5479	5255	959
	Urban	6404	6170	963
	Total	11883	11425	961
State	Rural	117259	113433	967
	Urban	176967	171404	969
	Total	294226	284837	968

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

Sl. No.	Month	Rural	Urban	Total
1	January	5274	11469	16743
2	February	5792	10474	16266
3	March	5619	10538	16157
4	April	4497	8594	13091
5	May	5315	9174	14489
6	June	6218	10170	16388
7	July	5146	11767	16913
8	August	5360	11097	16457
9	September	4075	9942	14017
10	October	3937	10067	14004
11	November	3889	9613	13502
12	December	4509	9523	14032
	STATE	59631	122428	182059

**TABLE -25**  
**DEATH BY AGE AND SEX IN KERALA - 2001**

Sl. No.	Age Group	Rural			Urban			All Ages		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
1	Below 1 year	758	518	1276	1078	793	1871	1836	1311	3147
2	1 to 4 years	388	317	705	485	335	820	873	652	1525
3	5 to 14 years	593	408	1001	460	327	787	1053	735	1788
4	15 to 24 years	1365	755	2120	1083	546	1629	2448	1301	3749
5	25 to 34 years	2417	1113	3530	1794	762	2556	4211	1875	6086
6	35 to 44 years	4107	1639	5746	2687	959	3646	6794	2598	9392
7	45 to 54 years	7629	2614	10243	5024	1659	6683	12653	4273	16926
8	55 to 64 years	11370	4606	15976	7025	2315	9340	18395	6921	25316
9	65 to 69 years	8600	4386	12986	4754	2065	6819	13354	6451	19805
10	Above70	39432	29413	68845	15320	10160	25480	54752	39573	94325
	<b>Total</b>	76659	45769	122428	39710	19921	59631	116369	65690	182059

TABLE -26  
DEATH BY RELIGION IN KERALA (DISTRICTWISE)

DISTRICT	RURAL / URBAN	Hindus	Muslims	Christian	Others	Total
1	2	3	4	5	6	7
Thiruvananthapuram	Rural	5688	1781	1890	72	9431
	Urban	9087	1544	2156	160	12947
	Total	14775	3325	4046	232	22378
Kollam	Rural	8639	691	1100	54	10484
	Urban	2065	324	387	40	2816
	Total	10704	1015	1487	94	13300
Pathanamthitta	Rural	3694	205	3027	83	7009
	Urban	1000	84	512	15	1611
	Total	4694	289	3539	98	8620
Alappuzha	Rural	6630	495	1125	20	8270
	Urban	2175	390	554	19	3138
	Total	8805	885	1679	39	11408
Kottayam	Rural	6108	426	4916	206	11656
	Urban	776	74	569	11	1430
	Total	6884	500	5485	217	13086
Idukki	Rural	1844	1087	1481	30	4442
	Urban	156	41	130	0	327
	Total	2000	1128	1611	30	4769
Eranakulam	Rural	3892	1789	2874	73	8628
	Urban	6054	1613	3945	42	11654
	Total	9946	3402	6819	115	20282
Thrissur	Rural	10104	2042	2454	69	14669
	Urban	4411	1467	1329	39	7246
	Total	14515	3509	3783	108	21915
Palakkad	Rural	8478	2644	440	62	11624
	Urban	2003	338	69	9	2419
	Total	10481	2982	509	71	14043
Malappuram	Rural	4181	7050	307	64	11582
	Urban	1296	1910	80	20	3306
	Total	5477	8940	387	84	14888
Kozhikode	Rural	4872	3334	364	35	8605
	Urban	4544	2629	244	82	7499
	Total	9416	5963	608	117	16104
Wayanad	Rural	1612	569	661	21	2863
	Urban	218	87	59	5	369
	Total	1830	656	720	26	3232
Kannur	Rural	6123	1786	1050	84	9043
	Urban	2230	1140	261	15	3646
	Total	8353	2926	1311	99	12689
Kasaragod	Rural	2363	1546	194	19	4122
	Urban	821	357	36	9	1223
	Total	3184	1903	230	28	5345
State	Rural	74228	25425	21883	892	122428
	Urban	36836	11998	10331	466	59631
	Total	111064	37423	32214	1358	182059

TABLE - 27  
DISTRIBUTION OF DEATH DUE TO SOME SPECIFIED DISEASES

Sl. No	Cause of Death	Code	Urban			Rural			Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12
1	Cholera	1	3	1	4	2	1	3	5	2	7
2	Typhoid	2	15	7	22	40	23	63	55	30	85
3	Food poisoning	3	5	1	6	7	0	7	12	1	13
4	Dysentery	4	28	34	62	75	68	143	103	102	205
5	Tuberculosis	5	1035	246	1281	1339	327	1666	2374	573	2947
6	Leprosy	6	2	0	2	7	1	8	9	1	10
7	Diphtheria	7	3	1	4	7	8	15	10	9	19
8	Whooping cough	8	24	9	33	238	136	374	262	145	407
9	Tetanus	9	5	9	14	9	5	14	14	14	28
10	Polio myelitis	10	8	0	8	10	7	17	18	7	25
11	Measles	11	13	2	15	15	9	24	28	11	39
12	Rabbies	12	12	4	16	29	9	38	41	13	54
13	Malaria	13	14	7	21	15	2	17	29	9	38
14	Cancer	14	1992	1010	3002	7154	3630	10784	9146	4640	13786
15	Diabetes	15	794	530	1324	2190	1337	3527	2984	1867	4851
16	Anaemias	16	38	50	88	72	53	125	110	103	213
17	Meningitis	17	105	78	183	150	104	254	255	182	437
18	Heart attack	18	14877	6523	21400	20024	8792	28816	34901	15315	50216
19	Pneumonia	19	243	156	399	316	209	525	559	365	924
20	Influenza	20	24	13	37	41	50	91	65	63	128
21	Asthma	21	1618	1151	2769	7878	5328	13206	9496	6479	15975
22	Jaundice	22	88	40	128	227	129	356	315	169	484
23	Liver diseases	23	302	104	406	355	154	509	657	258	915
24	Ulcer	24	117	50	167	469	168	637	586	218	804
25	Appendicitis	25	15	6	21	29	8	37	44	14	58
26	Syphilis and genitourinary Diseases	26	-	-	-	-	-	-	-	-	-
27	Abortion	27	0	4	4	0	3	3	0	7	7
28	Pregnancy child birth puerperium etc	28	4	6	10	0	3	3	4	9	13
29	Birth injuries	29	35	35	70	14	11	25	49	46	95
30	Paralysis	30	434	397	831	3404	3564	6968	3838	3961	7799
31	Senility	31	85	140	225	33	44	77	118	184	302
32	Others	32	11626	5693	17319	16398	9769	26167	28024	15462	43486

TABLE - 27 Contd....

Sl. No	Cause of Death	Code	Urban			Rural			Total		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12
33	Venomous Animals Bites/Strings	33	22	18	40	22	10	32	44	28	72
34	Burns (Accidental)	34	161	291	452	123	108	231	284	399	683
35	Drowning Falls	35	146	43	189	491	228	719	637	271	908
36	Poisoning	36	794	233	1027	890	288	1178	1684	521	2205
37	Accident (Traffic/ Vehicles)	37	641	163	804	935	281	1216	1576	444	2020
38	Other Accidents	38	215	63	278	321	152	473	536	215	751
39	Suicide	39	728	199	927	2388	876	3264	3116	1075	4191
40	Homicide	40	35	27	62	43	13	56	78	40	118
41	AIDS	41	14	5	19	61	13	74	75	18	93
42	Old Age	42	2375	1939	4314	7840	7477	15317	10215	9416	19631
43	Hysteria	43	13	7	20	58	44	102	71	51	122
44	Premature	44	404	294	698	376	225	601	780	519	1299
45	Blood Pressure	45	327	192	519	1697	1670	3367	2024	1862	3886
46	Kidney trouble	46	268	143	411	863	436	1299	1131	579	1710
<b>TOTAL</b>			<b>39707</b>	<b>19924</b>	<b>59631</b>	<b>76655</b>	<b>45773</b>	<b>122428</b>	<b>116362</b>	<b>65697</b>	<b>182059</b>

**TABLE 28**  
**INFANT DEATH BY SEX IN KERALA - 2001 (DISTRICT WISE)**

District	Rural/ Urban	Infant Death		Total
		Male	Female	
1	2	3	4	5
Thiruvananthapuram	Rural	6	9	15
	Urban	232	166	398
	Total	238	175	413
Kollam	Rural	41	25	66
	Urban	40	35	75
	Total	81	60	141
Pathanamthitta	Rural	19	17	36
	Urban	14	14	28
	Total	33	31	64
Alappuzha	Rural	4	8	12
	Urban	31	23	54
	Total	35	31	66
Kottayam	Rural	362	195	557
	Urban	13	4	17
	Total	375	199	574
Idukki	Rural	25	27	52
	Urban	6	1	7
	Total	31	28	59
Ernakulam	Rural	25	29	54
	Urban	161	128	289
	Total	186	157	343
Thrissur	Rural	52	44	96
	Urban	186	119	305
	Total	238	163	401
Palakkad	Rural	21	31	52
	Urban	83	79	162
	Total	104	110	214
Malappuram	Rural	50	36	86
	Urban	112	75	187
	Total	162	111	273
Kozhikode	Rural	12	4	16
	Urban	102	77	179
	Total	114	81	195
Wayanad	Rural	56	33	89
	Urban	21	5	26
	Total	77	38	115
Kannur	Rural	73	52	125
	Urban	55	43	98
	Total	128	95	223
Kasaragod	Rural	12	8	20
	Urban	22	24	46
	Total	34	32	66
State	Rural	758	518	1276
	Urban	1078	793	1871
	Total	1836	1311	3147

TABLE - 29  
 INFANT DEATHS BY AGE AND SEX IN KERALA - 2001

Age/Sex	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	495	303	798	735	533	1268	1230	836	2066
One week to one month	114	85	199	212	149	361	326	234	560
One month to below 3 months	29	28	57	33	29	62	62	57	119
3 months to below 6 months	52	44	96	36	38	74	88	82	170
6 months to 12 months	68	58	126	62	44	106	130	102	232
<b>Total</b>	<b>758</b>	<b>518</b>	<b>1276</b>	<b>1078</b>	<b>793</b>	<b>1871</b>	<b>1836</b>	<b>1311</b>	<b>3147</b>

TABLE - 30  
 MATERNAL DEATHS BY AGE- 2001

Age at death	Rural	Urban		
		Town with population 30000 and above	Other urban areas	Total per all areas
1	2	3	4	5
Below 15 years				
15 to 19				
20 to 24		1		1
25 to 29		1		1
30 to 34	1	1		2
35 to 39	1	2		3
40 to 44				
45 and above				
Not reported				
<b>Total</b>	<b>2</b>	<b>5</b>		<b>7</b>



TABLE - 31  
TIME GAP IN REGISTRATION OF BIRTH DEATH - KERALA 2001

Sl No	District	LIVE BIRTHS												DEATHS																			
		Within limit						Delayed Registration						Within limit						Delayed Registration													
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24										
1	Thiruvananthapuram	26963	25941	592	276	915	939	33	28	13358	5827	739	305	1291	798	40	20	19202	19477	198	132	2024	1768	71	85	6364	3845	372	183	1517	938	51	30
2	Kollam	7973	7478	152	165	1556	1468	163	147	4312	2908	154	112	639	447	19	19	14515	13661	242	148	822	896	15	17	5494	2833	298	165	1562	1048	7	1
3	Palakkad	15750	14623	227	265	1642	1570	277	417	6733	4545	290	175	790	511	25	17	8362	7872	264	239	1048	1266	24	36	2875	1229	138	45	290	183	8	1
4	Idukki	23885	23599	509	690	2109	1914	122	124	10553	6589	448	311	1192	1103	60	26	25267	24103	362	295	2660	2484	29	56	11695	6252	548	327	1918	1097	49	29
5	Ernakulam	20740	19461	238	247	1595	1644	17	3	7240	4593	280	149	1167	800	7	6	40630	40694	516	600	3171	2828	90	79	7591	4480	330	209	1267	826	104	81
6	Thrissur	25105	25213	200	159	2471	1938	9	3	9711	4426	339	171	917	496	22	22	7456	7283	53	58	324	288	38	37	1769	845	87	48	307	170	4	2
7	Malappuram	19328	18438	463	454	1911	1807	15	9	6694	3964	353	192	890	539	32	25	10587	10160	233	226	1060	3	5	2723	1490	154	74	539	359	3	4	
8	Kannur	265763	258003	4249	3974	23308	906	1026	97112	53626	4530	2466	14286	9315	9315	441	283	265763	258003	4249	3974	23308	906	1026	97112	53626	4530	2466	14286	9315	441	283	
9	Kasaragod	10587	10160	233	226	1060	3	5	2723	1490	154	74	539	359	3	4	10587	10160	233	226	1060	3	5	2723	1490	154	74	539	359	3	4		
10	Wayanad	19328	18438	463	454	1911	1807	15	9	6694	3964	353	192	890	539	32	25	10587	10160	233	226	1060	3	5	2723	1490	154	74	539	359	3	4	
11	Kozhikode	25105	25213	200	159	2471	1938	9	3	9711	4426	339	171	917	496	22	22	7456	7283	53	58	324	288	38	37	1769	845	87	48	307	170	4	2
12	Malappuram	19328	18438	463	454	1911	1807	15	9	6694	3964	353	192	890	539	32	25	10587	10160	233	226	1060	3	5	2723	1490	154	74	539	359	3	4	
13	Kannur	265763	258003	4249	3974	23308	906	1026	97112	53626	4530	2466	14286	9315	9315	441	283	265763	258003	4249	3974	23308	906	1026	97112	53626	4530	2466	14286	9315	441	283	
14	Kasaragod	10587	10160	233	226	1060	3	5	2723	1490	154	74	539	359	3	4	10587	10160	233	226	1060	3	5	2723	1490	154	74	539	359	3	4		
15	State	265763	258003	4249	3974	23308	906	1026	97112	53626	4530	2466	14286	9315	9315	441	283	265763	258003	4249	3974	23308	906	1026	97112	53626	4530	2466	14286	9315	441	283	

