

Government of Kerala

Vital Statistics Bulletin 2005

**Department of Economics & Statistics
Thiruvananthapuram
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PREFACE

The Bulletin presents the Vital Statistics of Kerala for the Calendar year 2004. 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 fifth report based on this system.

The bulletin is prepared by Smt. S Leelamony, Deputy Director with the help of Smt. K.Shailamma, Assistant Director in the Vital Statistics Division of the Directorate under the guidance of Sri.D.Rajan, Additional Chief Registrar of Births & Deaths and Additional Director. Processing of the data was carried out in the Computer Division of the Directorate.

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

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

Suggestions for the improvement of the publication are always welcome.

Thiruvananthapuram,
21.08.2007

M.R. BALAKRISHNAN
DIRECTOR

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VITAL STATISTICS BULLETTIN – 2005

Introduction

Civil Registration System is a continuous, permanent and compulsory recording of the occurrence and characteristics of vital events. It deals with the Vital Statistics of human beings is having almost a direct impact in the developmental planning of the country. The data generated from Civil Registration System plays a vital role in decentralized planning and hence these data at the lowest level of administrative area is well recognised. It is one of the primary source of population data. The main objective of Civil Registration System is to record the annual change of population at National and State level. The data obtained from Civil Registration System is one of the major tools used by demographers and planners for analyzing the composition of population.

The registration of births and deaths is a statutory activity performed under the legal provisions of Registration of Birth and Death (RBD)Act 1969 came into force in Kerala on 1st April 1970. the act provides suitable machinery for the effective registration of births and deaths. This provides safety to social status and individual benefits. The birth/death certificate provides multiple uses for the individual such as evidence of age, domicile, inheritance etc., Director of Panchayaths is the Chief Registrar of Birth and Deaths in Kerala and is the Chief executive authority for implementing the provisions of the Registration of Birth and Death Act. Chief Registrar will be assisted by a Deputy Chief Registrar. The Additional Director of Economics and Statistics is designated as the Additional Chief Registrar' of Births and Deaths . A Deputy Chief Registrar, Deputy Director of Economics and Statistics ,assists him .Actual work of the legislation is being done by the local registrars of births and deaths appointed under this act. At the District level, the District Panchayaths Officer, secretaries of municipalities and corporations are empowered as the District Registrar of Births and Deaths.

The Secretaries of Grama Panchayaths, health inspectors and health officers of Municipalities and Corporations and the executive officer of Kannur Cantonment are the local Registrar of the concerned registration units.

Conceptual and Empirical Frame Work

As per the R B D Act, births and deaths are to be registered with in 21 days after the occurrence of the events at the place of occurrence. The details such as date of event, date of registration, sex and the details of father and mother such as their age, religion, literacy, occupation, order of birth etc of each event are recorded in the registers at the time of registration. These details are carried over to the prescribed birth, death and still birth cards and are forwarded to the Deputy Directors of the Districts Offices of Economics and Statistics Department. Soft copy of the same is forwarded to Directorate for further processing.

Limitations of the data

Registration of vital events is not complete due to under registration. Lack of awareness about the need and importance of registration of births and deaths and lack of registration procedure knowledge among the public may be the reasons for the low levels of registration

particularly of infant deaths. This may adversely affect the quality of the statistical data. Efforts are being taken to create mass awareness about the importance and necessity of registration. While on analyzing the data it is seen that the vital events in urban areas are higher than that in rural areas. This is due to the fact that registration of births and deaths are carried out at the place of occurrence of the events, irrespective of the place of usual residence of mother.

Crude Birth rate- Crude Birth Rate is defined as the number of births in a given year per thousand mid year population in that year

Crude Death rate- Crude Death rate is the number of deaths in a given year per thousand mid year population in that year

Infant Mortality rate- Infant Mortality rate is the number of infant deaths(age below one year)in a given year per thousand live births in that year.

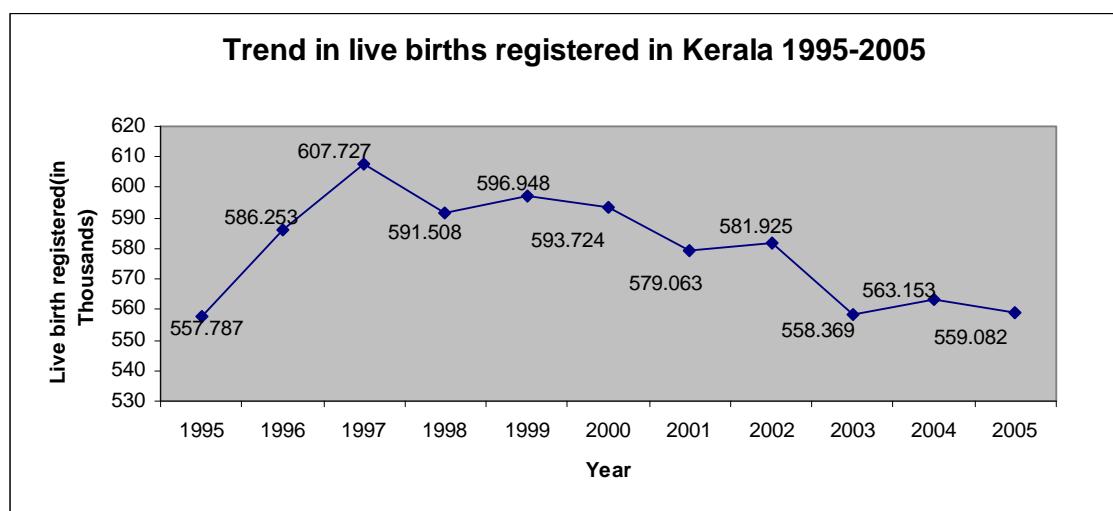
Maternal Mortality rate –Maternal Mortality rate is defined as the number of maternal deaths per thousand live births and still births of that year.

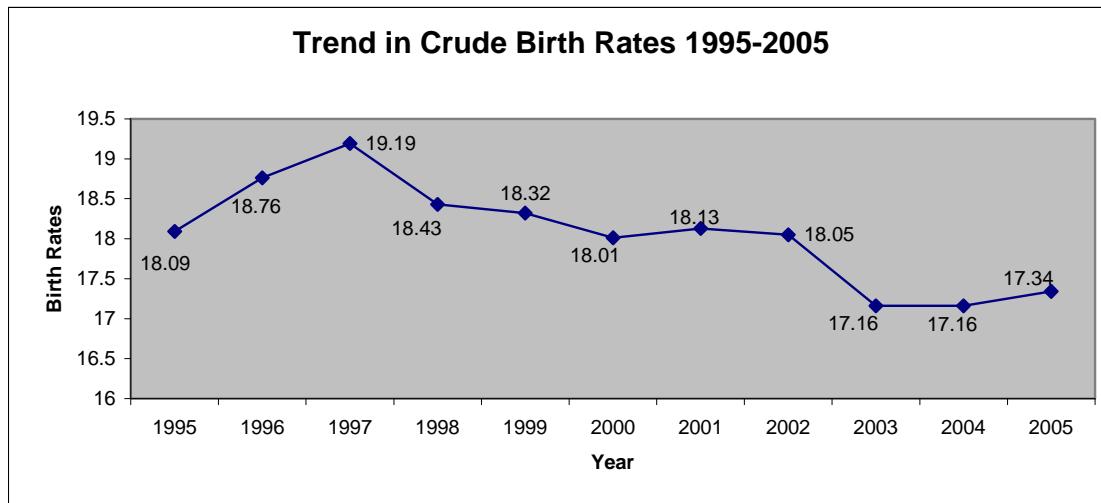
Still birth rate—Still birth rate is the number of still births in a given year per thousand live births and still births of that year.

Birth registered and crude Birth rate

During the year under report 5.59 lakhs of live births were registered .Out of which 2.18 lakhs were reported from rural areas and 3.41 lakhs from urban areas. Of the total live births 51% were male , 48% were females and for the remaining 1% sex were not reported. The number of registered live births decreased from 5.63 lakhs in 2004 to 5.59 lakhs in 2005.

Trend in no of live births registered in the state for the last 10 years is shown below.

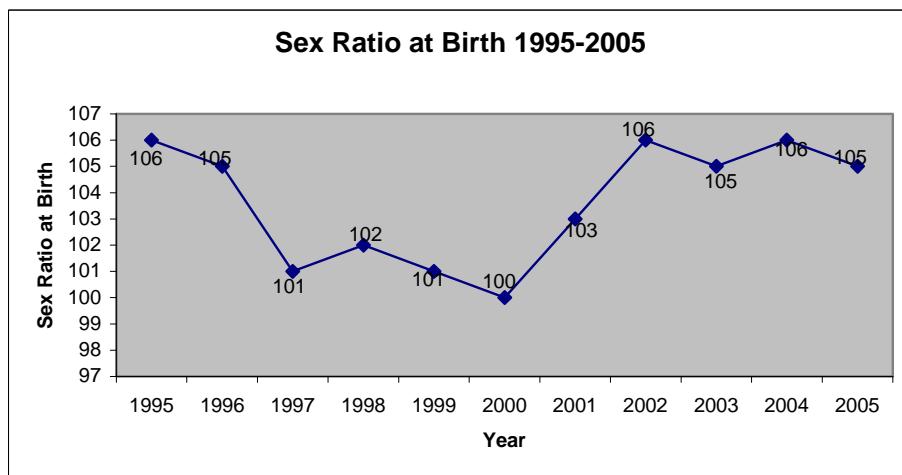




The birth rate of the state during 2005 is 17.34. The district-wise data reveals that the highest birth rate 22.54 was recorded in Malapuram District, followed by Kozhikode 20.24. The lowest rate of 12.36 is recorded in Alappuzha District. Birth rates recorded in Thiruvananthapuram ,Kollam ,Pathanamthitta, Alappuzha , Kottayam ,Idukky, Ernakulam and Palakkad districts are below the state average.

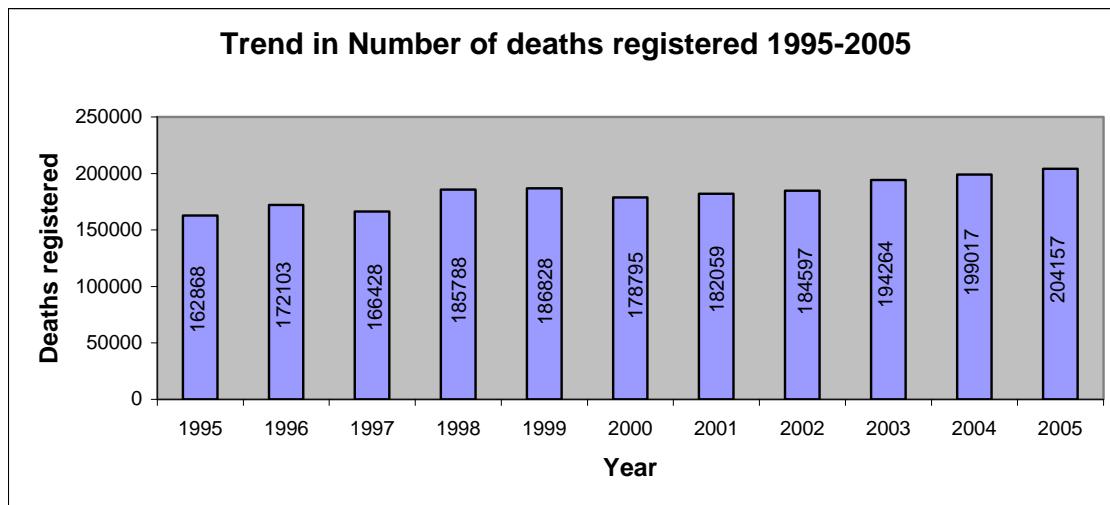
Sex Ratio at Birth

The sex ratio at birth is defined as the number of male births per 100 female births. Sex ratio at birth is a biological entity and varies only in a narrow range from one population to another population Universally it is observed that this varies between 104 to 106 due to biological reasons .During the year under report the Sex Ratio at Birth is calculated as 105.The following gives the trend in SRB for the last 10 years in respect of Kerala.

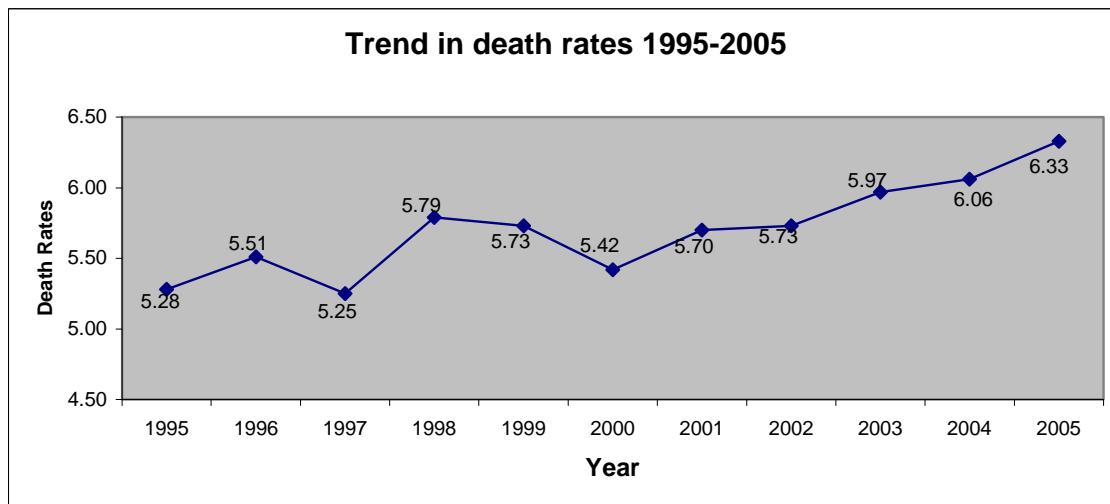


Death registered and Crude Death rate

2.04 lakhs of deaths are registered during the year 2005. The Deaths reported is increased from 1.99 lakhs in 2004 to 2.04 lakhs in 2005.



The crude death rate of the state was calculated as 6.33 during 2005 as against 6.06 in the previous year



On an analysis of the district-wise figures shows that Thrissur District stands first with a death rate of 7.88 followed by Pathanamthitta 7.82, Kottayam 7.36 and Ernakulam 7.00. The lowest is in Malappuram 4.47. Death rates recorded in Thiruvananthapuram, Pathanamthitta, Alappuzha, Kottayam, Ernakulam, Thrissur and Kozhikode were above the state level.

Infant Mortality Rate

Infant mortality rate calculated on the basis of the registered births and infant deaths. During the year under report it is 7.35. The highest IMR 34.35 is reported in Kozhikode, followed by Thiruvananthapuram 11.84. Districts with IMR more than the state level are Thiruvananthapuram and Kozhikode. The lowest rate is recorded in Kasaragode Districts 0.84.

Maternal Death Rate

During the reporting year, 360 maternal deaths were reported, of which 192 were from rural areas and 168 from urban areas and the rate calculated is 0.64. No maternal deaths were reported from the urban areas of Pathanamthitta .

Still birth

During the year 2005, 3529 Still births were registered in which 951 were from rural and 2578 from urban areas. The still birth rate of the state for the year under report is 6.27 as against 4.68 of the previous year. District-wise break up reveals that the highest rate 9.75 Kozhikkode District followed by Alappuzha and the lowest 3.2 is reported from Kollam District.

Conclusion

During the year under report Malappuram District has the highest birth rate as well as the lowest death rate. On an analysis, it is seen that the estimated vital rates, such as Birth rate, Death rate, Infant death rate, Still birth rate & Maternal mortality rate show a marginal marginal increase when compared to those of the previous year, 2004. As in previous years, the vital rates estimated for urban areas are higher than that of rural areas .The tendency of utilising the modern medical facilities available in the urban areas by the rural residents at the time of occurrence of events may be the reason for the urban bias.

Table—1 A
Vital rates at a Glance

Year	Birth Rate	Death Rate	Infant death rate	Still Birth rate	Maternal Death rate
1992	17.67	5.49	9.84	5.29	0.03
1993	17.67	5.38	10.48	5.05	0.02
1994	17.52	5.38	10.41	5.14	0.06
1995	18.09	5.28	10.15	5.72	0.07
1996	18.76	5.51	9.53	5.14	0.11
1997	19.19	5.25	9.07	5.18	0.13
1998	18.43	5.79	9.00	4.65	0.12
1999	18.32	5.73	8.27	5.25	0.00
2000	18.01	5.42	7.10	6.43	0.02
2001	18.13	5.70	5.43	4.65	0.01
2002	18.05	5.73	5.54	4.90	0.13
2003	17.16	5.97	4.40	4.02	0.24
2004	17.15	6.06	4.25	4.68	0.23
2005	17.34	6.33	7.35	6.27	0.64

Table 1

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

District	Rural/ Urban	Estimated mid year population	Births		Deaths	
			Number 2005	Rate		Number 2005
				2004	2005	
Thiruvananthapuram	Rural	2319	10035	3.94	4.33	10052
	Urban	959	42430	43.27	44.24	12434
	Total	3278	52465	15.43	16.01	22486
Kollam	Rural	2160	20794	9.96	9.63	12131
	Urban	451	17191	40.48	38.12	3366
	Total	2611	37985	15.23	14.55	15497
Pathanamthitta	Rural	1117	9832	8.18	8.80	7502
	Urban	125	9118	77.02	72.94	2215
	Total	1242	18950	15.10	15.26	9717
Alappuzha	Rural	1780	3893	2.04	2.19	9399
	Urban	345	22374	68.36	64.85	4215
	Total	2125	26267	12.75	12.36	13614
Kottayam	Rural	1811	23792	13.81	13.14	12884
	Urban	159	9662	60.68	60.77	1610
	Total	1970	33454	17.63	16.98	14494
Idukki	Rural	1093	12257	11.84	11.21	5215
	Urban	47	5010	110.73	106.60	676
	Total	1140	17267	15.95	15.15	5891
Eranakulam	Rural	2236	8336	3.99	3.73	11094
	Urban	908	40026	44.38	44.08	10902
	Total	3144	48362	15.61	15.38	21996
Thrissur	Rural	2464	15668	6.29	6.36	15877
	Urban	545	41279	69.76	75.74	7834
	Total	3009	56947	17.74	18.93	23711
Palakkad	Rural	2394	19749	7.91	8.25	13387
	Urban	256	22010	84.48	85.98	2946
	Total	2650	41759	15.28	15.76	16333
Malappuram	Rural	3365	47239	13.46	14.04	13156
	Urban	335	36142	107.71	107.89	3375
	Total	3700	83381	21.99	22.54	16531
Kozhikkode	Rural	2329	15726	6.85	6.75	9525
	Urban	585	43256	71.02	73.94	9989
	Total	2914	58982	19.63	20.24	19514
Wayanad	Rural	765	11426	15.81	14.94	3489
	Urban	30	3434	90.13	114.47	293
	Total	795	14860	18.63	18.69	3782
Kannur	Rural	2052	9836	4.90	4.79	10150
	Urban	383	37192	92.24	97.11	4286
	Total	2435	47028	18.67	19.31	14436
Kasaragode	Rural	1102	9175	7.69	8.33	5129
	Urban	120	12200	111.03	101.67	1026
	Total	1222	21375	17.79	17.49	6155
State	Rural	26987	217758	8.04	8.07	138990
	Urban	5248	341324	64.21	65.04	65167
	Total	32235	559082	17.15	17.34	204157
						6.06
						6.33

District	Rural/ Urban	Estimated mid year population	Still Births			Infant Deaths			Maternal deaths		
			Number 2005	Rate		Number 2005	Rate		Number 2005	Rate	
				2004	2005		2004	2005		2004	2005
Thiruvananthapuram	Rural	2319	21	2.67	2.09	5	2.57	0.50	30	0.11	2.98
	Urban	959	413	3.30	9.64	616	3.36	14.52	54	0.26	1.26
	Total	3278	434	3.19	8.20	621	3.22	11.84	84	0.23	1.59
Kollam	Rural	2160	68	1.96	3.26	26	1.56	1.25	3	0.05	0.14
	Urban	451	54	2.27	3.13	54	2.49	3.14	1	0.05	0.06
	Total	2611	122	2.10	3.20	80	1.98	2.11	4	0.05	0.10
Pathanamthitta	Rural	1117	11	0.22	1.12	18	2.28	1.83	1	0.00	0.10
	Urban	125	51	3.59	5.56	51	5.46	5.59	0	0.10	0.00
	Total	1242	62	1.95	3.26	69	3.91	3.64	1	0.05	0.05
Alappuzha	Rural	1780	4	1.63	1.03	7	1.36	1.80	8	0.00	2.05
	Urban	345	237	4.07	10.48	83	2.57	3.71	4	0.00	0.18
	Total	2125	241	3.75	9.09	90	2.41	3.43	12	0.00	0.45
Kottayam	Rural	1811	210	1.89	8.75	30	2.72	1.26	26	0.55	1.08
	Urban	159	26	10.83	2.68	17	0.61	1.76	6	0.00	0.62
	Total	1970	236	4.41	7.01	47	2.13	1.40	32	0.40	0.95
Idukki	Rural	1093	47	2.59	3.82	44	3.05	3.59	15	0.00	1.22
	Urban	47	18	0.94	3.58	1	2.26	0.20	1	0.00	0.20
	Total	1140	65	2.11	3.75	45	2.82	2.61	16	0.00	0.92
Eranakulam	Rural	2236	51	3.51	6.08	5	3.30	0.60	21	1.10	2.50
	Urban	908	174	4.82	4.33	229	1.81	5.72	17	0.02	0.42
	Total	3144	225	4.58	4.63	234	2.08	4.84	38	0.22	0.78
Thrissur	Rural	2464	59	2.28	3.75	36	4.82	2.30	9	0.25	0.57
	Urban	545	333	8.75	8.00	377	4.08	9.13	36	0.10	0.87
	Total	3009	392	6.88	6.84	413	4.29	7.25	45	0.15	0.78
Palakkad	Rural	2394	49	2.48	2.47	20	0.88	1.01	5	0.52	0.25
	Urban	256	106	2.45	4.79	132	1.64	6.00	11	0.14	0.50
	Total	2650	155	2.47	3.70	152	1.28	3.64	16	0.31	0.38
Malappuram	Rural	3365	166	2.35	3.50	46	1.78	0.97	16	0.15	0.34
	Urban	335	250	7.24	6.87	153	6.38	4.23	5	0.11	0.14
	Total	3700	416	4.52	4.96	199	3.82	2.39	21	0.13	0.25
Kozhikkode	Rural	2329	51	2.33	3.23	12	1.96	0.76	14	0.61	0.89
	Urban	585	530	11.49	12.10	2014	19.32	46.56	24	0.12	0.55
	Total	2914	581	8.95	9.75	2026	14.47	34.35	38	0.26	0.64
Wayanad	Rural	765	103	10.18	8.93	11	3.86	0.96	9	0.64	0.78
	Urban	30	33	7.11	9.52	0	6.80	0.00	1	0.00	0.29
	Total	795	136	9.62	9.07	11	4.40	0.74	10	0.52	0.67
Kannur	Rural	2052	85	6.81	8.57	39	7.93	3.97	20	2.44	2.02
	Urban	383	250	2.16	6.68	65	3.92	1.75	6	0.06	0.16
	Total	2435	335	3.19	7.07	104	4.81	2.21	26	0.58	0.55
Kasaragode	Rural	1102	26	1.27	2.83	18	1.50	1.96	15	0.58	1.63
	Urban	120	103	10.16	8.37	0	1.70	0.00	2	0.15	0.16
	Total	1222	129	6.71	6.00	18	1.62	0.84	17	0.68	0.79
STATE	Rural	26987	951	2.85	4.35	317	2.59	1.46	192	0.43	0.88
	Urban	5248	2578	5.85	7.50	3792	5.31	11.11	168	0.10	0.49
	Total	32235	3529	4.68	6.27	4109	4.25	7.35	360	0.23	0.64

Table 2
CENSUS POPULATION OF DISTRICTS (RURAL, URBAN – SEXWISE)

SI No	Districts	Population of Towns as per census 2001					Population of Muni./corp.	
		Total	Rural		Urban			
			Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9
1	Thiruvananthapuram	3234356	1035265	1107430	534652	557009	463480	483529
2	Kollam	2585208	1021415	1097815	228206	237772	218959	228488
3	Pathanamthitta	1234016	529823	580395	59575	64223	59575	64223
4	Alappuzha	2109160	712867	774836	301662	319795	166485	178070
5	Kottayam	1953646	817819	836019	147107	152701	77000	80976
6	Idukki	1129221	538064	533564	28618	28975	22851	23395
7	Eranakulam	3105798	808609	820104	729788	747297	444802	454317
8	Thrissur	2974232	1018315	1116484	403737	435696	259558	279676
9	Palakkad	2617482	1093515	1167392	173470	183105	123109	130815
10	Malappuram	3625471	1581794	1687507	172782	183388	159116	168843
11	Kozhikode	2879131	863632	914342	535726	565431	281350	300035
12	Wayanad	780619	376424	374583	14849	14763	14849	14763
13	Kannur	2408956	578544	617514	574273	638625	181169	196800
14	Kasaragod	1204078	475196	495182	112887	120813	57284	60853
STATE		31841374	11451282	12123167	4017332	4249593	2529587	2664783

Table 3
**Total number of Live-Births, Deaths, and Infant Deaths in Corporations and Municipalities having
Population of 30000 and above**

Sl No	Corporations / Municipalities	Live birth				Death				Infant Death
		Total	Male	Female	Sex N R	Total	Male	Female	Sex N R	
1	2	3	4	5	6	7	8	9	10	
1	Attingal (M)	1320	610	710	0	220	120	97	3	
2	Nedumangad (M)	459	211	248	0	301	174	127	0	
3	Neyyattinkara (M)	531	268	262	1	473	282	189	2	
4	Varkala (M)	1046	151	167	728	294	136	104	54	
5	Thiruvananthapuram(C)	39074	19860	18109	1105	11146	6957	4142	47	616
6	Paravoor (M)	17	7	10	0	183	102	81	0	
7	Punalur (M)	3575	1810	1765	0	436	284	152	0	
8	Kollam (C)	13599	7074	6521	4	2747	1780	967	0	54
9	Pathanamthitta (M)	2572	1360	1212	0	547	367	180	0	
10	Thiruvalla (M)	4581	2461	2120	0	1339	814	525	0	49
11	Alappuzha (M)	10783	5556	5164	63	2388	1364	970	54	81
12	Cherthala (M)	3034	1563	1435	36	631	354	254	23	2
13	Kayankulam(M)	4793	2466	2299	28	336	176	126	34	
14	Changanassery (M)	2300	1155	1122	23	312	192	107	13	
15	Kottayam (M)	3074	1566	1497	11	576	328	245	3	6
16	Thodupuzha (M)	5010	2499	2509	2	676	409	249	18	1
17	Angamaly (M)	2226	1024	1202	0	542	360	181	1	14
18	Kalamassery (M)	972	815	157	0	294	183	111	0	
19	Kothamangalam (M)	3483	1990	1491	2	493	330	161	2	
20	North Parur (M)	3318	1670	1646	2	544	304	240	0	
21	Thrippunithura (M)	2508	1287	1216	5	478	287	183	8	
22	Kochi (C)	17408	8300	9106	2	7365	4333	3031	1	203

Table 3(Contd).
**Total number of Live-Births, Deaths, and Infant Deaths in Corporations and Municipalities having
Population of 30000 and above**

23	Chalakkudy (M)	3765	2347	1395	23	555	312	211	32	
24	Chavakkad (M)	1138	692	445	1	334	206	116	12	
25	Kodungallur (M)	5210	3800	1326	84	443	241	198	4	11
26	Kunnamkulam (M)	4594	2971	1605	18	409	226	170	13	
27	Thrissur (C)	24430	10461	13947	22	5672	3475	2140	57	357
28	Chittoor-Thathamangal	559	282	277	0	227	134	87	6	
29	Ottappalam (M)	7355	3874	3480	1	587	371	209	7	
30	Palakkad (M)	13166	6734	6404	28	1865	1178	677	10	132
31	Shornur (M)	930	466	451	13	267	139	111	17	
32	Malappuram (M)	7010	3879	3131	0	429	233	196	0	
33	Manjeri (M)	10614	5072	5542	0	783	487	296	0	
34	Perinthalmanna (M)	8935	4500	4435	0	1198	773	425	0	129
35	Ponnani(M)	1809	879	930	0	381	217	164	0	
36	Tirur (M)	7774	4069	3705	0	584	359	225	0	24
37	Quilandy (M)	318	156	160	2	359	189	162	8	
38	Vadakara (M)	2983	1515	1461	7	791	439	352	0	
39	Kozhikode (C)	39955	20559	19395	1	8839	4429	4369	41	2014
40	Kalpatta(M)	3434	1745	1680	9	293	161	130	2	
41	Kannur (M)	6386	3258	3128	0	758	458	296	4	62
42	Mattannur (M)	1707	718	986	3	202	103	93	6	3
43	Payyannur(M)	5615	4016	1581	18	559	306	240	13	
44	Thalassery(M)	12692	6381	6297	14	1803	1052	692	59	
45	Thaliparambu(M)	5771	3067	2689	15	418	240	170	8	
46	Kanjhagad (M)	3601	1760	1800	41	330	191	117	22	
47	Kasargod (M)	8599	4386	4202	11	696	402	261	33	
Total		314033	161290	150420	2323	61103	35957	24529	617	3758

Table 4
**Total number of Births, Deaths, and Infant Deaths in Corporations and Municipalities having a
Population of 30000 and above - District wise – 2005**

Sl No	Districts	Births	Deaths	Infant Death
1	2	3	4	5
1	Thiruvananthapuram	42430	12434	616
2	Kollam	17191	3366	54
3	Pathanamthitta	7153	1886	49
4	Alappuzha	18610	3355	83
5	Kottayam	5374	888	6
6	Iddukki	5010	676	1
7	Eranakulam	29915	9716	217
8	Thrissur	39137	7413	368
9	Palakkad	22010	2946	132
10	Malappuram	36142	3375	153
11	Kozhikode	43256	9989	2014
12	Wayanadu	3434	293	
13	Kannur	32171	3740	65
14	Kasaragod	12200	1026	
STATE		314033	61103	3758

Table 5**TOTAL NO OF VITAL EVENTS AND ITS RATES IN CORPORATION/ MUNICIPALITIES**

Sl.No	Registration Unit (Corp/Municipality)	Estimated mid year Population	Live Birth		Death		Infant Death	
			No	Rate	No	Rate	No	Rate
1	Attingal (M)	36122	1320	36.54	220	6.09		
2	Nedumangad (M)	57031	459	8.05	301	5.28		
3	Neyyattinkara (M)	70362	531	7.55	473	6.72		
4	Varkala (M)	40966	1046	25.53	294	7.18		
5	Thiruvananthapuram(C)	754576	39074	51.78	11146	14.77	616	15.76
6	Paravoor (M)	38852	17	0.44	183	4.71		
7	Punalur (M)	47364	3575	75.48	436	9.21		
8	Kollam (C)	365047	13599	37.25	2747	7.53	54	3.97
9	Adoor (M)	29275	1965	67.12	329	11.24	2	1.02
10	Pathanamthitta (M)	38302	2572	67.15	547	14.28		
11	Thiruvalla (M)	57117	4581	80.2	1339	23.44	49	10.7
12	Alappuzha (M)	177346	10783	60.8	2388	13.47	81	7.51
13	Chengannur (M)	25560	750	29.34	262	10.25		
14	Cherthala (M)	45348	3034	66.9	631	13.91	2	0.66
15	Kayamkulam (M)	68778	4793	69.69	336	4.89		
16	Mavelikkara (M)	28458	3014	105.91	598	21.01		
17	Changanassery (M)	52468	2300	43.84	312	5.95		
18	Kottayam (M)	61311	3074	50.14	576	9.39	6	1.95
19	Pala (M)	22858	2918	127.66	425	18.59	10	3.43
20	Vaikom (M)	22859	1370	59.93	297	12.99	1	0.73
21	Thodupuzha (M)	47047	5010	106.49	676	14.37	1	0.2
22	Aluva(M)	24420	4383	179.48	470	19.25		
23	Angamaly (M)	33833	2226	65.79	542	16.02	14	6.29
24	Kalamassery (M)	64389	972	15.1	294	4.57		
25	Kothamangalam (M)	37397	3483	93.14	493	13.18		
26	Moovattupuzha (M)	29473	3153	106.98	348	11.81	5	1.59
27	North Parur (M)	30358	3318	109.3	544	17.92		
28	Perumbavoor (M)	26808	2575	96.05	368	13.73	7	2.72
29	Thrippunithura (M)	61167	2508	41	478	7.81		
30	Kochi (C)	599835	17408	29.02	7365	12.28	203	11.66
31	Chalakkudy (M)	48840	3765	77.09	555	11.36		
32	Chavakkad (M)	38185	1138	29.8	334	8.75		
33	Guruvayoor (M)	21319	419	19.65	123	5.77	2	4.77
34	Iringalakuda (M)	29063	1723	59.29	298	10.25	7	4.06
35	Kodungallur (M)	33857	5210	153.88	443	13.08	11	2.11

Table 5 (Contd.)**TOTAL NO OF VITAL EVENTS AND ITS RATES IN CORPORATION/ MUNICIPALITIES**

Sl.No.	Registration Unit (Corp/Municipality)	Estimated mid year Population	Live Birth		Death		Infant Death	
			No	Rate	No	Rate	No	Rate
36	Kunnamkulam (M)	52173	4594	88.05	409	7.84		
37	Thrissur (C)	321101	24430	76.08	5672	17.66	357	14.61
38	Chittoor-Thathamangal	32296	559	17.31	227	7.03		
39	Ottappalam (M)	49959	7355	147.22	587	11.75		
40	Palakkad (M)	131798	13166	99.9	1865	14.15	132	10.03
41	Shornur (M)	42371	930	21.95	267	6.3		
42	Malappuram (M)	59777	7010	117.27	429	7.18		
43	Manjeri (M)	85837	10614	123.65	783	9.12		
44	Perinthalmanna (M)	45415	8935	196.74	1198	26.38	129	14.44
45	Ponnani (M)	89333	1809	20.25	381	4.26		
46	Tirur (M)	54241	7774	143.32	584	10.77	24	3.09
47	Quilandy (M)	69870	318	4.55	359	5.14		
48	Vadakara (M)	76314	2983	39.09	791	10.37		
49	Kozhikkodu (C)	438838	39955	91.05	8839	20.14	2014	50.41
50	Kalpetta (M)	30186	3434	113.76	293	9.71		
51	Kannur (M)	64412	6386	99.14	758	11.77	62	9.71
52	Kuthuparambu(M)	29616	1848	62.4	230	7.77		
53	Mattannur (M)	44847	1707	38.06	202	4.5	3	1.76
54	Payyannur(M)	69387	5615	80.92	559	8.06		
55	Thalassery(M)	100989	12692	125.68	1803	17.85		
56	Thaliparambu(M)	68542	5771	84.2	418	6.1		
57	Kanjhagad (M)	66703	3601	53.99	330	4.95		
58	Kasargod (M)	52978	8599	162.31	696	13.14		
59	Knnur Cantonment	4774	3173	664.64	316	66.19		
Grand Total		5247748	341324	65.04	65167	12.42	3792	0.72

TABLE 6

LIVE BIRTH BY TYPE OF ATTENTION AT DELIVERY 2005 - RURAL AND URBAN

SI No	Districts	Total	Rural						Urban Towns with Population								
			Institutional Govt	Institutional Private	Physician, Nurse & Trained midwife	Un-qualified mid wife	Others	Institutional Govt	Institutional Private	Physician, Nurse & Trained midwife	Un- qualified mid wife	Others	Institutional Govt	Institutional Private	Physician, Nurse & Trained midwife	Un- qualified mid wife	Others
1	Thiruvananthapuram	52465	4615	3499	1430	273	218						18219	13023	8503	108	2577
2	Kollam	37985	5782	14020	207	682	103						9086	7922	125	20	38
3	Pathanamthitta	18950	2965	5552	456	784	75	1439	505	11	9	1	2999	4085	55	13	1
4	Alappuzha	26267	1328	1496	400	558	111	1686	1459	523	38	58	11293	3827	2868	25	597
5	Kottayam	33454	10408	8638	2535	1828	383	2162	1886	229	10	1	2482	2720	139	24	9
6	Idukki	17267	4833	2128	4170	638	488						1658	855	2483	3	11
7	Eranakulam	48362	793	5331	1414	601	197	3049	5848	1141	40	33	6667	19593	3487	84	84
8	Thrissur	56947	4635	7876	2449	226	482	1077	864	177	5	19	11426	22111	4972	113	515
9	Palakkad	41759	3837	5028	9838	381	665						4652	8036	9301	8	13
10	Malappuram	83381	9310	21170	14702	1176	881						7612	19717	8644	123	46
11	Kozhikode	58982	4461	10719	288	185	73						25041	14675	365	12	3163
12	Wayanadu	14860	6462	4283	95	346	240						1202	2194	31	3	4
13	Kannur	47028	1405	5120	2970	183	158	2906	1595	409	3	108	7822	14486	9573	80	210
14	Kasaragod	21375	198	3146	4255	441	1135						3984	7012	1100	6	98
	STATE	559082	61032	98006	45209	8302	5209	12319	12157	2490	105	220	114143	140256	51646	622	7366

TABLE -7
**LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF MOTHER FOR THE STATE
(RURAL) 2005**

Order of Birth	Level of Literacy						Total
	Illiterate	Below Primary	Primaty but below Matric	Matric but below Graduate	Graduate and above	Not Reported	
1	2	3	4	5	6	7	8
1	881	2119	26858	55593	14475	8043	107969
2	738	1708	21409	39775	7933	4388	75951
3	564	1135	10766	12178	1127	624	26394
4	221	459	3004	2035	93	92	5904
5	43	143	543	216	8	20	973
6	9	30	68	32		6	145
7	14	45	115	30		5	209
8	16	34	53	8		6	117
9		11	16	4			31
10			2			1	3
11							
12							
13 and above							
Not reported	3		19	23	4	13	62
TOTAL	2489	5684	62853	109894	23640	13198	217758

TABLE-8

**LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF MOTHER FOR THE
STATE.(URBAN) 2005**

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
1	764	3139	39833	94905	29102	15283	183026
2	551	2549	30671	67218	14948	7528	123465
3	289	1330	10837	13658	1546	793	28453
4	120	317	2722	2056	85	59	5359
5	21	92	380	184	10	13	700
6	7	9	49	15			80
7	3	14	51	20		1	89
8	4	8	12	2		3	29
9		4	4	2			10
10			3			1	4
11			1	1			2
12							
13 and above							
Not stated			23	59	12	13	107
TOTAL	1759	7462	84586	178120	45703	23694	341324

TABLE No.9
LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF MOTHER FOR THE STATE KERALA 2005

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	
1	1645	5258	66691	150498	43577	23326	290995	
2	1289	4257	52080	106993	22881	11916	199416	
3	853	2465	21603	25836	2673	1417	54847	
4	341	776	5726	4091	178	151	11263	
5	64	235	923	400	18	33	1673	
6	16	39	117	47		6	225	
7	17	59	166	50		6	298	
8	20	42	65	10		9	146	
9		15	20	6			41	
10			5			2	7	
11				1	1		2	
12								
13and above								
Not stated	3		42	82	16	26	169	
TOTAL	4248	13146	147439	288014	69343	36892	559082	

Table 10**LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF FATHER FOR THE STATE RURAL 2005**

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	4	5	6	7	8	9
1	1052	3194	35350	51632	8877	7864	107969
2	805	2706	27033	35589	5292	4526	75951
3	573	1753	12179	10092	951	846	26394
4	182	630	2936	1913	120	123	5904
5	40	129	530	230	15	29	973
6	3	30	75	28	1	8	145
7	15	42	118	30	2	2	209
8	11	30	57	10	2	7	117
9	1	9	19	1	1		31
10		1		2			3
11							
12							
13 &above							
Not stated	1	3	28	14	1	15	62
TOTAL	2683	8527	78325	99541	15262	13420	217758

Table 11**LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF FATHER FOR THE STATE URBAN 2005**

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	4	5	6	7	8	9
1	1163	6807	54566	89956	16719	13815	183026
2	788	5650	39977	59466	9968	7616	123465
3	402	2399	11976	11480	1245	951	28453
4	120	580	2510	1948	120	81	5359
5	18	103	355	203	10	11	700
6	4	13	44	18	1		80
7	6	19	45	18		1	89
8	3	7	10	7		2	29
9		4	4	2			10
10			3	1			4
11			1	1			2
12							
13 &above							
Not stated	1		34	58	2	12	107
TOTAL	2505	15582	109525	163158	28065	22489	341324

Table 12
LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND LITERACY OF FATHER FOR THE STATE 2005

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
1	2215	10001	89916	141588	25596	21679	290995
2	1593	8356	67010	95055	15260	12142	199416
3	975	4152	24155	21572	2196	1797	54847
4	302	1210	5446	3861	240	204	11263
5	58	232	885	433	25	40	1673
6	7	43	119	46	2	8	225
7	21	61	163	48	2	3	298
8	14	37	67	17	2	9	146
9	1	13	23	3	1		41
10		1	3	3			7
11			1	1			2
12							
13 &above							
Not stated	2	3	62	72	3	27	169
TOTAL	5188	24109	187850	262699	43327	35909	559082

TABLE-13
LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND OCCUPATION OF FATHER –(RURAL) 2005

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	Not reported	Total
1	2	3	4	5	6	7	8	9	10	11	12
1	6061	2074	3225	7492	12153	15451	28485	27324	4292	1412	107969
2	3626	1203	1908	5289	8088	11324	20900	19739	2914	960	75951
3	988	185	280	1662	2144	3758	8463	7637	1020	257	26394
4	237	19	35	349	299	650	2269	1669	317	60	5904
5	51		5	50	37	136	396	203	78	17	973
6	6		2	5	9	27	52	16	19	9	145
7	8	1	1	7	6	56	51	29	49	1	209
8	4			1	2	39	26	19	23	3	117
9						13	7	4	7		31
10	1								1	1	3
11											
12											
13&above											
Not stated				4	6	17	1	13	12	9	62
State total	10982	3482	5456	14859	22744	31471	60650	56653	8732	2729	217758

TABLE-14

LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND OCCUPATION OF FATHER –(URBAN) 2005

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, trans-port and other equipment operators and labours	Others whose occupation is and else where classified	Non workers	Not reported	Total
1	2	3	4	5	6	7	8	9	10	11	12	
1	9344	4270	4821	12671	21075	22721	54630	46904	5504	1086	183026	
2	5429	2640	3079	8404	13949	16555	37904	31509	3352	644	123465	
3	1183	303	356	2309	1905	3209	10557	7804	655	172	28453	
4	305	42	46	444	177	455	2142	1607	95	46	5359	
5	48	5	5	54	18	51	266	216	26	11	700	
6	9		1	7	2	10	22	23	4	2	80	
7	4	5		6		13	20	37	4		89	
8	1		1	2		5	8	9	3		29	
9				1		1	5	3			10	
10					3		1				4	
11				1				1			2	
12												
13 &above												
Not stated				6	17	16	7	42	7	12	107	
State total	16323	7265	8309	23905	37146	43036	105562	88155	9650	1973	341324	

TABLE – 15

LIVE BIRTH ACCORDING TO ORDER OF BIRTH AND OCCUPATION OF FATHER
STATE 2005

Order of Birth	Professional related worker	Technical and related worker	Administrative and Executive workers	Clerical work	Sale workers	Service workers	Farmers Loggers and related workers	Fishers	Hunters	Production & other related workers, transport and other equipment operators and labours	Others whose occupation is and else where classified	Non workers	Not reported	Total
1	2	3	4	5	6	7	8	9	10	11	12			
1	15405	6344	8046	20163	33228	38172	83115	74228	9796	2498	290995			
2	9055	3843	4987	13693	22037	27879	58804	51248	6266	1604	199416			
3	2171	488	636	3971	4049	6967	19020	15441	1675	429	54847			
4	542	61	81	793	476	1105	4411	3276	412	106	11263			
5	99	5	10	104	55	187	662	419	104	28	1673			
6	15		3	12	11	37	74	39	23	11	225			
7	12	6	1	13	6	69	71	66	53	1	298			
8	5		1	3	2	44	34	28	26	3	146			
9				1		14	12	7	7		41			
10		1			3		1		1	1	7			
11					1				1		2			
12														
13 & above														
Not stated					10	23	33	8	55	19	21	169		
TOTAL	27305	10747	13765	38764	59890	74507	166212	144808	18382	4702	559082			

TABLE – 16
LIVE BIRTH BY ORDER OF BIRTH AND AGE OF MOTHER –RURAL – 2005

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	11	
1	2	3	4	5	6	7	8	9	10	11	
1		14339	56333	30249	5898	1059	70		20	107969	
2		318	25605	33155	14382	2421	70			75951	
3		10	4626	13301	6734	1648	73		2	26394	
4		1	100	2075	2639	1043	41		5	5904	
5				4	285	629	54		1	973	
6					7	96	41		1	145	
7						127	78		4	209	
8						41	72		4	117	
9						4	26		1	31	
10							3			3	
11											
12											
13 and above											
Not stated		2	22	16	4	2			16	62	
TOTAL	1	14670	86686	78800	29949	7070	528	0	54	217758	

TABLE – 17
LIVE BIRTH BY ORDER OF BIRTH AND AGE OF MOTHER – URBAN – 2005

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	
1	7	22135	96961	51082	10510	2124	181	1	25	183026	
2		521	39381	55451	23704	4247	158		3	123465	
3		9	5015	14341	7298	1718	69	1	2	28453	
4			150	2002	2364	817	25		1	5359	
5				10	262	397	30		1	700	
6					6	54	20			80	
7						2	65	22			89
8							15	14			29
9							3	7			10
10							1	3			4
11								1			2
12											
13&above											
Not stated		4	48	28	8			1		18	107
TOTAL	7	22669	141555	122915	44154	9441	531	2	50	341324	

TABLE – 18
LIVE BIRTH BY ORDER OF BIRTH AND AGE OF MOTHER – KERALA – 2005

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	
1	8	36474	153294	81331	16408	3183	251	1	45	290995	
2		839	64986	88606	38086	6668	228		3	199416	
3		19	9641	27642	14032	3366	142	1	4	54847	
4		1	250	4077	5003	1860	66		6	11263	
5				14	547	1026	84		2	1673	
6					13	150	61		1	225	
7					2	192	100		4	298	
8						56	86		4	146	
9						7	33		1	41	
10						1	6			7	
11					1		1			2	
12											
13&above											
Not stated		6	70	44	12	2	1		34	169	
TOTAL	8	37339	228241	201715	74103	16511	1059	2	104	559082	

TABLE – 19
LIVE BIRTH BY AGE OF MOTHER IN MUNICIPALITIES AND CORPORATIONS - KERALA – 2005

Sl. No.	Municipality/Corporation	Age of mother									Total
		Below 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 and above	NR	
1	2	3	4	5	6	7	8	9	10	11	12
1	Attingal (M)		62	546	495	188	29				1320
2	Nedumangad (M)		25	219	157	48	10				459
3	Neyyattinkara (M)		13	253	201	54	9			1	531
4	Varkala (M)		57	473	359	137	19	1			1046
5	Thiruvananthapuram(C)		1684	16836	14431	5079	987	56		1	39074
6	Paravoor (M)		3	6	3	5					17
7	Punalur (M)		142	1591	1351	416	73	2			3575
8	Kollam (C)		554	5929	5186	1667	255	8			13599
9	Adoor (M)		69	802	804	248	38	4			1965
10	Pathanamthitta (M)	1	72	925	1116	400	55	3			2572
11	Thiruvalla (M)		66	1185	2194	917	208	11			4581
12	Alappuzha (M)		267	3875	4600	1654	349	14		24	10783
13	Chengannur (M)		13	193	348	171	21	3		1	750
14	Cherthala (M)		25	892	1365	615	131	3		3	3034
15	Kayamkulam (M)		114	2226	1760	586	103	2		2	4793
16	Mavelikkara (M)		62	933	1365	557	92	1		4	3014
17	Changanassery (M)		35	625	1052	469	116	3			2300
18	Kottayam (M)		31	754	1459	672	152	6			3074
19	Pala (M)		48	604	1265	798	185	18			2918
20	Vaikom (M)		10	322	667	307	63	1			1370
21	Thodupuzha (M)		77	1272	2218	1143	275	24		1	5010
22	Aluva(M)		207	1813	1680	589	92	2			4383
23	Angamaly (M)		18	682	1040	392	90	4			2226
24	Kalamassery (M)		68	461	327	96	19	1			972
25	Kothamangalam (M)		102	1239	1432	559	145	6			3483
26	Moovattupuzha (M)		45	1003	1400	591	104	10			3153
27	North Parur (M)		58	1212	1377	556	112	3			3318
28	Perumbavoor (M)		45	865	1121	454	89	1			2575
29	Thrippunithura (M)		22	683	1183	508	109	3			2508
30	Kochi (C)		293	5357	7566	3366	785	40		1	17408
31	Chalakkudy (M)		284	1642	1284	456	96	3			3765
32	Chavakkad (M)		88	568	336	126	17	2		1	1138
33	Guruvayoor (M)		25	225	126	37	6				419
34	Iringalakuda (M)		77	702	650	234	58	2			1723
35	Kodungallur (M)		469	2498	1642	491	102	7		1	5210
36	Kunnamkulam (M)	1	365	2121	1567	453	82	5			4594
37	Thrissur (C)		1080	10154	9089	3287	767	51	2		24430
38	Chittoor-Thathamangal		23	256	201	64	15				559
39	Ottappalam M)		1261	3497	1879	580	128	10			7355
40	Palakkad (M)		820	6236	4558	1271	265	16			13166
41	Shornur (M)		92	401	310	104	21	2			930
42	Malappuram (M)	1	1233	2929	1912	702	217	16			7010
43	Manjeri (M)	1	2221	4551	2666	903	253	19			10614
44	Perinthalmanna (M)	2	1997	3779	2175	765	208	9			8935
45	Ponnani (M)		208	906	521	141	32	1			1809

TABLE – 19 (Contd..)

Sl.No.	Municipality/Corporation	Age of mother										Total
		Below 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 and above	NR		
1	2	3	4	5	6	7	8	9	10	11	12	
46	Tirur (M)		884	3835	2177	692	171	15				7774
47	Quilandy (M)		4	138	145	27	3	1				318
48	Vadakara (M)		290	1285	1014	342	51	1				2983
49	Kozhikkodu (C)	1	3267	18288	13172	4238	926	63				39955
50	Kalpetta (M)		306	1588	1149	332	56	3				3434
51	Kannur (M)		484	2743	2178	806	167	8				6386
52	Kuthuparambu(M)		139	829	629	203	47	1				1848
53	Mattannur (M)		154	828	539	149	34	3				1707
54	Payyannur(M)		478	2734	1770	532	94	6				5615
55	Thalassery(M)		927	5980	4233	1281	258	12				12692
56	Thaliparambu(M)		311	2402	2153	738	161	5				5771
57	Kanjhagad (M)		197	1582	1317	419	83	3				3601
58	Kasargod (M)		597	3843	2743	1089	298	27				8599
59	Krnur Cantonment		101	1239	1258	450	110	10				3173
State Total		7	22669	141555	122915	44154	9441	531	2	50	341324	

TABLE – 20
BIRTH BY RELIGION IN THE CORPORATIONS AND MUNICIPALITIES OF KERALA – 2005

Sl. No.	Municipality/Corporation	Hindu	Muslim	Christian	Others	Not Reported	Total
1	2	3	4	5	6	7	8
1	Attingal (M)	914	355	39	8	4	1320
2	Nedumangad (M)	300	111	48			459
3	Neyyattinkara (M)	223	44	252		12	531
4	Varkala (M)	607	390	44	2	3	1046
5	Thiruvananthapuram(C)	23988	7422	7229	206	229	39074
6	Paravoor (M)	17					17
7	Punalur (M)	2163	739	663	6	4	3575
8	Kollam (C)	8229	3124	2172	52	22	13599
9	Adoor (M)	1409	134	421	1		1965
10	Pathanamthitta (M)	1629	199	744			2572
11	Thiruvalla (M)	2044	241	2293		3	4581
12	Alappuzha (M)	6078	1881	2335	6	483	10783
13	Chengannur (M)	465	7	272	2	4	750
14	Cherthala (M)	2321	129	552	3	29	3034
15	Kayamkulam (M)	3377	954	418	4	40	4793
16	Mavelikkara (M)	2305	102	574	8	25	3014
17	Changanassery (M)	1209	192	892		7	2300
18	Kottayam (M)	1645	194	1205	1	29	3074
19	Pala (M)	1370	215	1325		8	2918
20	Vaikom (M)	1152	57	159		2	1370
21	Thodupuzha (M)	2008	832	2131	18	21	5010
22	Aluva(M)	1736	1866	741	18	22	4383
23	Angamaly (M)	540	174	1501	4	7	2226
24	Kalamassery (M)	397	454	117		4	972
25	Kothamangalam (M)	1132	1017	1312	7	15	3483
26	Moovattupuzha (M)	1494	800	829	16	14	3153
27	North Parur (M)	2131	329	758	16	84	3318
28	Perumbavoor (M)	1174	584	804	12	1	2575
29	Thrippunithura (M)	1728	136	618	11	15	2508
30	Kochi (C)	7210	3504	6565	75	54	17408
31	Chalakkudy (M)	1913	1261	557	9	25	3765
32	Chavakkad (M)	732	257	139		10	1138
33	Guruvayoor (M)	248	112	50	1	8	419
34	Iringalakuda (M)	1201	239	249		34	1723
35	Kodungallur (M)	2989	1664	479	3	75	5210
36	Kunnamkulam (M)	2769	1424	372	2	27	4594
37	Thrissur (C)	12316	5360	6565	42	147	24430
38	Chittoor-Thathamangal	503	50	6			559
39	Ottappalam M)	3828	3148	365	12	2	7355
40	Palakkad (M)	9880	2891	352	9	34	13166

TABLE – 20(Contd)
BIRTH BY RELIGION IN THE CORPORATIONS AND MUNICIPALITIES OF KERALA – 2005

41	Shornur (M)	631	277	14	1	7	930
42	Malappuram (M)	884	6026	74	4	22	7010
43	Manjeri (M)	3273	7060	245	19	17	10614
44	Perinthalmanna (M)	1996	6696	214	8	21	8935
45	Ponnani (M)	454	1347	5	1	2	1809
46	Tirur (M)	1472	6276	16	2	8	7774
47	Quilandy (M)	203	104	5		6	318
48	Vadakara (M)	1257	1653	18	1	54	2983
49	Kozhikkodu (C)	20032	18603	833	14	473	39955
50	Kalpetta (M)	988	1781	584	6	75	3434
51	Kannur (M)	2382	3627	298	2	77	6386
52	Kuthuparambu(M)	617	923	290	4	14	1848
53	Mattannur (M)	699	791	200	2	15	1707
54	Payyannur(M)	3116	1836	583	4	76	5615
55	Thalassery(M)	7994	3756	822	8	112	12692
56	Thaliparambu(M)	2892	1713	1111	5	50	5771
57	Kanjhagad (M)	2341	768	427		65	3601
58	Kasargod (M)	2893	5474	120		112	8599
59	Kannur Cantonment	2177	817	156	1	22	3173
TOTAL		175375	112120	52162	636	2731	341324

TABLE – 21
LIVE BIRTH BY RELIGION IN KERALA (DISTRICTWISE) – 2005

DISTRICTS	URBAN/RURAL	HINDUS	MUSLIMS	CHRISTIANS	OTHER RELIGIONS	RELIGIONS NOT REPORTED	TOTAL
1	2	3	4	5	6	7	8
Thiruvananthapuram	Rural	26032	8322	7612	216	248	42430
	Urban	5017	1690	3196	60	72	10035
	Total	31049	10012	10808	276	320	52465
Kollam	Rural	10409	3863	2835	58	26	17191
	Urban	12199	4811	3744	20	20	20794
	Total	22608	8674	6579	78	46	37985
Pathanamthitta	Rural	5082	574	3458	1	3	9118
	Urban	5369	701	3745	11	6	9832
	Total	10451	1275	7203	12	9	18950
Alappuzha	Rural	14546	3073	4151	23	581	22374
	Urban	2027	372	1430	2	62	3893
	Total	16573	3445	5581	25	643	26267
Kottayam	Rural	5376	658	3581	1	46	9662
	Urban	9745	1953	11269	70	755	23792
	Total	15121	2611	14850	71	801	33454
Idukki	Rural	2008	832	2131	18	21	5010
	Urban	6080	745	5263	54	115	12257
	Total	8088	1577	7394	72	136	17267
Eranakulam	Rural	17542	8864	13245	159	216	40026
	Urban	2936	1165	4126	70	39	8336
	Total	20478	10029	17371	229	255	48362
Thrissur	Rural	22168	10317	8411	57	326	41279
	Urban	7096	5237	3121	41	173	15668
	Total	29264	15554	11532	98	499	56947
Palakkad	Rural	14842	6366	737	22	43	22010
	Urban	10437	8199	971	18	124	19749
	Total	25279	14565	1708	40	167	41759
Malappuram	Rural	8079	27405	554	34	70	36142
	Urban	11630	32580	2808	79	142	47239
	Total	19709	59985	3362	113	212	83381
Kozhikode	Rural	21492	20360	856	15	533	43256
	Urban	2873	11205	1303	7	338	15726
	Total	24365	31565	2159	22	871	58982
Wayanad	Rural	988	1781	584	6	75	3434
	Urban	5464	3380	2437	21	124	11426
	Total	6452	5161	3021	27	199	14860
Kannur	Rural	19877	13463	3460	26	366	37192
	Urban	4462	3078	2202	8	86	9836
	Total	24339	16541	5662	34	452	47028
Kasaragode	Rural	5234	6242	547		177	12200
	Urban	3966	4439	576	1	193	9175
	Total	9200	10681	1123	1	370	21375
TOTAL	Rural	173675	112120	52162	636	2731	341324
	Urban	89301	79555	46191	462	2249	217758
	Total	262976	191675	98353	1098	4980	559082

TABLE – 22
MONTH WISE DISTRIBUTION OF LIVE BIRTHS IN KERALA 2005(URBAN/RURAL).

Sl. No.	MONTH	RURAL	Percentage	URBAN	Percentage	TOTAL	Percentage
1	2	3	4	5	6	7	8
1	January	20813	6.10	16028	7.36	36841	6.59
2	February	22618	6.63	15624	7.17	38242	6.84
3	March	31045	9.10	20544	9.43	51589	9.23
4	April	29579	8.67	20013	9.14	49592	8.87
5	May	25223	7.39	19583	8.99	44806	8.01
6	June	26694	7.82	18388	8.44	45082	8.06
7	July	27664	8.10	16734	7.68	44398	7.94
8	August	28107	8.23	17787	8.17	45894	8.21
9	September	25469	7.46	16742	7.69	42211	7.55
10	October	40726	11.93	20452	9.39	61178	10.94
11	November	32648	9.57	18168	8.34	50816	9.09
12	December	30738	9.01	17695	8.13	48433	8.66
STATE		341324	100.00	217758	100.00	559082	100.00

TABLE – 23
SEX-RATIO OF LIVE BIRTHS IN KERALA (DISTRICT WISE) –2005

DISTRICT	URBAN/ RURAL	MALE	FEMALE	SEX-RATIO AT BIRTH
1	2	3	4	5
Thiruvananthapuram	Rural	21100	19496	924
	Urban	5090	4884	960
	Total	26190	24380	931
Kollam	Rural	8891	8296	933
	Urban	10692	10102	945
	Total	19583	18398	939
Pathanamthitta	Rural	4859	4259	877
	Urban	4909	4846	987
	Total	9768	9105	932
Alappuzha	Rural	11492	10736	934
	Urban	1988	1838	925
	Total	13480	12574	933
Kottayam	Rural	4836	4774	987
	Urban	11891	11608	976
	Total	16727	16382	979
Idukki	Rural	2499	2509	1004
	Urban	6155	5940	965
	Total	8654	8449	976
Eranakulam	Rural	20582	19432	944
	Urban	4231	4047	957
	Total	24813	23479	946
Thrissur	Rural	21336	19780	927
	Urban	8011	7575	946
	Total	29347	27355	932
Palakkad	Rural	11356	10612	934
	Urban	10105	9509	941
	Total	21461	20121	938
Malappuram	Rural	18399	17743	964
	Urban	23610	23559	998
	Total	42009	41302	983
Kozhikode	Rural	22230	21016	945
	Urban	7923	7724	975
	Total	30153	28740	953
Wayanad	Rural	1745	1680	963
	Urban	5776	5649	978
	Total	7521	7329	974
Kannur	Rural	19337	17797	920
	Urban	5102	4529	888
	Total	24439	22326	914
Kasaragod	Rural	6146	6002	977
	Urban	4536	4353	960
	Total	10682	10355	969
STATE	Rural	174808	164132	939
	Urban	110019	106163	965
	Total	284827	270295	949

TABLE – 24
MONTHWISE DISTRIBUTION OF DEATHS IN KERALA (RURAL / URBAN).2005

Sl. No.	Month	Rural	% to Total	Urban	% to Total	Total	% to Total
1	January	11765	8.46	5745	8.82	17510	8.58
2	February	10408	7.49	5402	8.29	15810	7.74
3	March	11669	8.4	5831	8.95	17500	8.57
4	April	10585	7.62	4788	7.35	15373	7.53
5	May	10269	7.39	4874	7.48	15143	7.42
6	June	9977	7.18	4786	7.34	14763	7.23
7	July	12799	9.21	4891	7.51	17690	8.66
8	August	14102	10.15	6117	9.39	20219	9.9
9	September	9981	7.18	4605	7.07	14586	7.14
10	October	12651	9.1	7266	11.15	19917	9.76
11	November	12179	8.76	5282	8.11	17461	8.55
12	December	12605	9.07	5580	8.56	18185	8.91
STATE		138990	100	65167	100	204157	100

TABLE –25
DEATH BY AGE AND SEX IN KERALA – 2005

Sl. No.	Age Group	Rural				Urban				Total			
		Male	Female	NR	Total	Male	Female	NR	Total	Male	Female	NR	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Below 1 year	161	147	9	317	2012	1759	21	3792	2173	1906	30	4109
2	1 to 4 years	802	589	55	1446	454	332	20	806	1256	921	75	2252
3	5 to 14 years	779	603	51	1433	406	321	16	743	1185	924	67	2176
4	15 to 24 years	1458	895	52	2405	839	625	12	1476	2297	1520	64	3881
5	25 to 34 years	2565	1122	72	3759	1338	771	15	2124	3903	1893	87	5883
6	35 to 44 years	4329	1923	113	6365	2377	1191	33	3601	6706	3114	146	9966
7	45 to 54 years	8473	3569	233	12275	4860	2015	56	6931	13333	5584	289	19206
8	55 to 64 years	12641	5613	351	18605	6814	3255	83	10152	19455	8868	434	28757
9	65 to 69 years	8883	5391	272	14546	4453	2737	61	7251	13336	8128	333	21797
10	70 &above	38431	37038	1472	76941	14128	12750	331	27209	52559	49788	1803	104150
11	Age NR	430	272	196	898	679	327	76	1082	1109	599	272	1980
12	All Ages	78952	57162	2876	138990	38360	26083	724	65167	117312	83245	3600	204157

TABLE -26
DEATH BY RELIGION IN KERALA (DISTRICTWISE)

DISTRICT	URBAN/RURAL	Hindus	Muslims	Christian	Others	Not Reported	Total
1	2	3	4	5	6		7
Thiruvananthapuram	Rural	8642	1357	2075	196	164	12434
	Urban	6828	878	2274	26	46	10052
	Total	15470	2235	4349	222	210	22486
Kollam	Rural	2280	478	585	3	20	3366
	Urban	8486	1472	2123	9	41	12131
	Total	10766	1950	2708	12	61	15497
Pathanamthitta	Rural	1121	101	993			2215
	Urban	4462	291	2727		22	7502
	Total	5583	392	3720	0	22	9717
Alappuzha	Rural	2948	394	814		59	4215
	Urban	6909	448	1962	1	79	9399
	Total	9857	842	2776	1	138	13614
Kottayam	Rural	823	186	577	1	23	1610
	Urban	6141	836	5682	86	139	12884
	Total	6964	1022	6259	87	162	14494
Idukki	Rural	290	77	304	2	3	676
	Urban	2454	301	2371	50	39	5215
	Total	2744	378	2675	52	42	5891
Eranakulam	Rural	5064	1600	3992	198	48	10902
	Urban	5718	955	4350	15	56	11094
	Total	10782	2555	8342	213	104	21996
Thrissur	Rural	4501	1021	2230	11	69	7834
	Urban	10317	1714	3685	9	152	15877
	Total	14818	2735	5915	20	221	23711
Palakkad	Rural	2394	416	102	17	17	2946
	Urban	10351	2373	573	16	74	13387
	Total	12745	2789	675	33	91	16333
Malappuram	Rural	1349	1876	142	4	4	3375
	Urban	5056	6774	1218	82	26	13156
	Total	6405	8650	1360	86	30	16531
Kozhikode	Rural	5773	3488	593	6	129	9989
	Urban	6195	2748	524		58	9525
	Total	11968	6236	1117	6	187	19514
Wayanad	Rural	134	97	61		1	293
	Urban	1922	701	818	20	28	3489
	Total	2056	798	879	20	29	3782
Kannur	Rural	2824	1006	385	9	62	4286
	Urban	6795	2102	1181	4	68	10150
	Total	9619	3108	1566	13	130	14436
Kasaragod	Rural	647	344	28		7	1026
	Urban	3432	1307	344		46	5129
	Total	4079	1651	372	0	53	6155
STATE	Rural	38790	12441	12881	447	606	65167
	Urban	85066	22900	29832	318	874	138990
	Total	123856	35341	42713	765	1480	204157

TABLE – 27
DISTRIBUTION OF DEATH DUE TO SOME SPECIFIED DISEASES

Sl. No	Cause of Death	Rural				Urban				Total			
		Male	Female	Sex Nr	Total	Male	Female	Sex Nr	Total	Male	Female	Sex Nr	Total
1	Cholera	37	30		67	10	9		19	47	39	0	86
2	Typhoid	161	140	4	305	42	35	1	78	203	175	5	383
3	Food poisoning	20	19		39	13	9		22	33	28	0	61
4	Dysentery	53	52	1	106	6	4		10	59	56	1	116
5	Tuberculosis	973	340	31	1344	346	108	4	458	1319	448	35	1802
6	Leprosy	16	5		21	3	2		5	19	7	0	26
7	Diphtheria	21	15	3	39	8	6	1	15	29	21	4	54
8	Whooping cough	41	34		75	9	14	3	26	50	48	3	101
9	Tetanus	31	27	1	59	23	13		36	54	40	1	95
10	Polimyelitis	10	42		52	16	28		44	26	70	0	96
11	Measils	10	12		22	6	3		9	16	15	0	31
12	Rabbies	18	6	1	25	8	1		9	26	7	1	34
13	Malaria	10	9	1	20	4	3		7	14	12	1	27
14	Cancer	6451	3828	253	10532	1781	1152	35	2968	8232	4980	288	13500
15	Diabetes	2020	2011	94	4125	842	769	18	1629	2862	2780	112	5754
16	Anaemias	55	69	4	128	64	55	5	124	119	124	9	252
17	Meningitis	389	430	13	832	307	201	5	513	696	631	18	1345
18	Heart attack	18838	9903	599	29340	9508	5449	212	15169	28346	15352	811	44509
19	Pneumonia	601	484	21	1106	453	291	6	750	1054	775	27	1856
20	Influenza	343	475	20	838	114	87	1	202	457	562	21	1040
21	Asthma	10802	9162	498	20462	1858	1498	48	3404	12660	10660	546	23866
22	Jaundice	438	476	13	927	251	358	2	611	689	834	15	1538
23	Liver diseases	717	293	14	1024	646	208	5	859	1363	501	19	1883
24	Ulcer	252	191	10	453	77	46	1	124	329	237	11	577
25	Appendicitis	38	31		69	13	15		28	51	46	0	97
26	Syphilis and genitourinary Diseases	4	3		7	15	10		25	19	13	0	32
27	Abortion		4		4		5		5	0	9	0	9
28	Pregnancy child birth puerperium etc			12	12		7		7	0	19	0	19

TABLE – 27 Contd.
DISTRIBUTION OF DEATH DUE TO SOME SPECIFIED DISEASES

Sl. No	Cause of Death	Rural				Urban				Total			
		Male	Female	Sex Nr	Total	Male	Female	Sex Nr	Total	Male	Female	Sex Nr	Total
29	Birth injuries	72	72	4	148	54	53	1	108	126	125	5	256
30	Paralysis	3488	4140	214	7842	420	465	19	904	3908	4605	233	8746
31	Senility	107	136	2	245	348	577		925	455	713	2	1170
32	Others	13113	8875	400	22388	11677	7545	171	19393	24790	16420	571	41781
33	Venomous Animals Bites/Strings	7	17		24	7	3		10	14	20	0	34
34	Burns (Accidental)	75	124	5	204	81	197	1	279	156	321	6	483
35	Drowning,Falls	358	142	16	516	90	38	1	129	448	180	17	645
36	Poisoning	691	261	31	983	363	130	7	500	1054	391	38	1483
37	Accident (Trafic / Vehicles)	1144	238	27	1409	614	128	17	759	1758	366	44	2168
38	Other Accidents	1231	441	24	1696	410	121	5	536	1641	562	29	2232
39	Suicide	3099	981	90	4170	662	232	21	915	3761	1213	111	5085
40	Homicide	112	36	9	157	9	6		15	121	42	9	172
41	AIDS	75	38		113	22	10		32	97	48	0	145
42	Old Age	8719	9658	268	18645	3205	3428	92	6725	11924	13086	360	25370
43	Hysteria	32	34	4	70	9	6		15	41	40	4	85
44	Premature	106	100	24	230	168	126	7	301	274	226	31	531
45	Blood Pressure	2252	2579	98	4929	742	686	10	1438	2994	3265	108	6367
46	Kidney trouble	1147	630	51	1828	439	245	7	691	1586	875	58	2519
47	Not stated	775	557	28	1360	2617	1701	18	4336	3392	2258	46	5696
TOTAL		78952	57162	2876	138990	38360	26083	724	65167	117312	83245	3600	204157

TABLE 28
INFANT DEATH BY SEX IN KERALA – 2005(DISTRICT WISE)

District	Rural/	Infant Death			Total
	Urban	Male	Female	Sex Not Reported	
I	2	3	4	5	6
Thiruvananthapuram	Rural	382	228	6	616
	Urban	3	2		5
	Total	385	230	6	621
Kollam	Rural	34	20		54
	Urban	15	11		26
	Total	49	31	0	80
Pathanamthitta	Rural	30	21		51
	Urban	11	7		18
	Total	41	28	0	69
Alappuzha	Rural	42	35	6	83
	Urban	3	3	1	7
	Total	45	38	7	90
Kottayam	Rural	10	7		17
	Urban	13	16	1	30
	Total	23	23	1	47
Idukki	Rural		1		1
	Urban	26	17	1	44
	Total	26	18	1	45
Eranakulam	Rural	128	101		229
	Urban	2	3		5
	Total	130	104	0	234
Thrissur	Rural	241	132	4	377
	Urban	20	15	1	36
	Total	261	147	5	413
Palakkad	Rural	77	54	1	132
	Urban	7	13		20
	Total	84	67	1	152
Malappuram	Rural	78	75		153
	Urban	16	30		46
	Total	94	105	0	199
Kozhikode	Rural	958	1052	4	2014
	Urban	7	4	1	12
	Total	965	1056	5	2026
Wayanad	Rural				0
	Urban	8	3		11
	Total	8	3	0	11
Kannur	Rural	32	33		65
	Urban	21	15	3	39
	Total	53	48	3	104
Kasaragod	Rural				0
	Urban	9	8	1	18
	Total	9	8	1	18
STATE	Rural	2012	1759	21	3792
	Urban	161	147	9	317
	Total	2173	1906	30	4109

TABLE – 29
INFANT DEATHS BY AGE AND SEX IN KERALA – 2005

Age/Sex	Rural				Urban				Total			
	Male	Female	SexNr	Total	Male	Female	Sex Nr	Total	Male	Female	Sex Nr	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Under one week	42	24	2	68	973	834	14	1821	1015	858	16	1889
One week to one month	21	25	1	47	469	396	4	869	490	421	5	916
One month to below 3 months	15	12	2	29	142	121	1	264	157	133	3	293
3 months to below 6 months	24	18	2	44	147	160		307	171	178	2	351
6 months to 12 months	43	36	2	81	277	247	2	526	320	283	4	607
Total	145	115	9	269	2008	1758	21	3787	2153	1873	30	4056

TABLE – 30
MATERNAL DEATHS BY AGE– 2005

Age at death	Rural	Urban			Total per all areas
		Town with population 30000 and above	Other Urban areas	4	
1	2	3	4	5	
Below 15 years		4	9	0	13
15 to 19		4	9	1	14
20 to 24		20	17	0	37
25 to 29		17	18	1	36
30 to 34		16	11	0	27
35 to 39		11	9	0	20
40 to 44		4	2	0	6
45 and above		112	82	8	202
Not reported		4	1	0	5
Total	192	158	10		360

Table 31
TIME GAP IN REGISTRATION OF BIRTH & DEATH – KERALA

Sl. No.	District	Live Births												Deaths											
		Within limit			Within 30 days			After 30 days			After one year			Within limit			Within 30 days			After 30 days			After one year		
		NR*	M*	F*	NR*	M*	F*	NR*	M*	F*	NR*	M*	F*	NR*	M*	F*	NR*	M*	F*	NR*	M*	F*	NR*	M*	F*
1	Thiruvananthapuram	1672	21256	19740	6	2622	2467	212	1899	1789	5	413	384	96	9893	6873	22	1628	1100	47	1419	881	9	266	252
2	Kollam	4	17070	16049	0	766	731	0	1173	1107	0	574	511	0	8503	5156	0	469	290	0	431	240	0	249	159
3	Pathanamthitta	55	8770	8278	0	188	157	21	289	231	1	521	439	2	5416	3382	0	211	133	1	242	171	0	90	69
4	Alappuzha	139	9666	8954	26	1390	1386	25	1939	1825	23	485	409	476	6008	4704	37	559	426	62	584	486	12	155	105
5	Kottayam	235	14837	14326	5	375	357	37	230	198	68	1285	1501	404	7470	5429	19	319	259	10	233	148	12	125	66
6	Idukki	152	7880	7552	2	457	530	3	63	71	7	254	296	112	3243	2074	8	130	87	2	80	45	3	67	40
7	Ernakulam	46	21652	20466	2	1208	1147	18	1303	1139	4	650	727	31	10840	7465	2	834	690	6	778	678	7	397	268
8	Thrissur	214	27540	25251	12	800	1001	4	656	772	15	351	331	567	12142	8282	60	585	448	66	609	439	14	308	191
9	Palakkad	145	19656	18326	19	1088	1041	7	345	335	6	372	419	322	8513	5943	14	404	294	10	324	208	3	184	114
10	Malappuram	54	39332	37993	4	1387	1804	7	855	1073	5	435	432	57	8545	6397	4	407	337	2	329	254	2	120	77
11	Kozhikkode	75	25520	24469	1	2188	2035	5	2325	2136	8	120	100	228	9137	7701	12	433	655	21	422	684	11	124	86
12	Wayanadu	4	6721	6459	5	455	505	1	156	157	0	189	208	7	2126	1381	0	82	48	0	51	41	0	28	18
13	Kannur	225	22941	20501	6	872	1402	22	275	146	10	351	277	469	7410	4935	41	392	310	25	273	241	16	202	122
14	Kasargod	289	9986	9603	17	371	424	22	160	156	10	165	172	230	3155	2111	19	212	144	14	109	78	6	47	30
Kerala		3309	252827	237967	105	14167	14987	384	11668	11135	162	6165	6206	3001	102401	71833	238	6665	5221	266	5884	4594	95	2362	1597

NR* - Not Reported, M* - Male, F* - Female