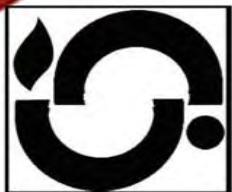




Government of Kerala



ANNUAL VITAL STATISTICS REPORT - 2018



**Department of Economics & Statistics,
Vital Statistics Division, Thiruvananthapuram - 33**



Government of Kerala

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**Vital Statistics Division
Department of Economics & Statistics
Thiruvananthapuram, Kerala
2019**

PREFACE

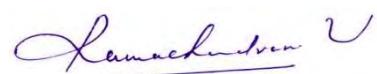
Civil Registration System is a continuous, permanent and compulsory recording of the occurrence and characteristics of vital events like Births, Deaths and Still Births. The main objective of the Civil Registration System is to record the annual change in population at National and State Level between two successive decennial Censuses. The registration of births and deaths has been made statutory through Registration of Births and Deaths Act 1969, which came into force in the State on 1st April 1970 vide Government of India Gazette Notification dated 21st March 1970 along with many other States.

The registering authorities at the local bodies are Secretaries of Grama Panchayats, Health Inspectors of Municipalities, Health Officers of Corporations and the Executive Officer of Kannur Cantonment. This report titled “Annual Vital Statistics Report 2018” provides an overview of the working of the Civil Registration System (CRS) in the state and presents a compilation of data on registered births, deaths, infant deaths and still births with rural-urban & sex-wise break-up based on Civil Registration Records.

The report was prepared by the Vital Statistics division of this office under the supervision and leadership of Sri P.V. Babu, Additional Director (General) & Additional Chief Registrar of Births & Deaths. The sincere efforts put in by Smt. Sindu Mol. K.G, Statistical Assistant Gr.I, Smt. S.A. Suma & Sri. B. R. Rajesh Kumar, Research Assistants and the timely advice and guidance given by Sri. C. Madhavan, Deputy Director, Vital Statistics Division to bring out this publication is very much appreciated.

I would like to place on record my appreciation for the co-operation and valuable services rendered by the IKM, Local Registrars, District Registrars, Deputy Directors and staff of the District Offices of Economics & Statistics for bringing out this publication.

I hope that this report would immensely benefit to those who work in the Health sector and Researchers in the field. Suggestions for further improvement of the report will be highly appreciated.



Thiruvananthapuram,
Date: 05/02/2020

V. Ramachandran
DIRECTOR

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- The Projected Mid-year Population in the state for the year 2018 is 346 lakhs comprising of 166 lakhs male and 180 lakhs female population.
- Number of live births registered during the year 2018 is 4.88 lakhs against 5.04 lakh during 2017
- Out of the total registered births, the share of male and female are 50.94% and 49.06% respectively
- Sex Ratio at Birth (SRB) for the year 2018 is decreased to 963 from 964 in 2018
- Among the districts, highest SRB is reported in Wayanad district (1005) and lowest in Kottayam district (946).
- Crude Birth Rate (CBR) at the State level in 2018 is 14.10 against 14.62 during 2017.
- The maximum CBR has been reported in respect of Malappuram district (21.28) and minimum in Ernakulam (8.08).
- Age Specific Birth Rate reaches the peak in the mother's age group of 25-29, followed by 20-24 age group
- There is a marginal decrease in the Total Fertility Rate (TFR) to 1.72 in 2018 from 1.76 in 2017.
- 86.37 % of total live births have been registered within the stipulated time period of 21 days
- During 2018, the share of institutional (Government and Private Hospital) births to total registered births is 99.12 %.

- Most of the deliveries taken place in both the rural and urban area is institutional deliveries. 97.39% deliveries out of total deliveries in rural sector and 99.82% of deliveries out of total deliveries in urban sector are reported as institutional birth during 2018.
- In case of institutional deliveries taken place during 2018, percentage of normal deliveries is more than cesarean.
- The highest number of births occurred in the month of October (9.49%) and the lowest in February (6.94%).
- In the State it can be seen that most of the live births were occurred to the mothers in the age group 25-29.
- 14.23% of infants reported low birth weight of less than 2.5 kg during 2018 where as it was 13.82% in 2017.
- The number of registered deaths has decreased to 2.59 lakh in 2018 as compared to 2.63 lakh in 2017.
- Out of the total registered deaths, the male and female deaths are 55.24% and 44.76% respectively.
- Crude Death Rate (CDR) has marginally decreased to 7.47 in 2018 from 7.64 in 2017.
- Highest CDR has been reported in Pathanamthitta (10.92) and the lowest in Malappuram (4.28).
- The percentage of infant death to total death during 2018 is 1.07% where as it is 1.21% in 2017.
- Percentage of deaths occurred in institutions during 2018 is 60.87.

VITAL RATES IN KERALA-2018 (AT A GLANCE)

I Age-sex structure of Population

1	Sex Ratio	1084
1a)	<i>Sex Ratio at Birth</i>	963
2	<i>Masculinity Proportion</i>	480
3	<i>Aged – Child Ratio</i>	53.50
4	<i>Child-Women Ratio</i>	262.85
5	<i>Aged Dependency Ratio</i>	
	(a) <i>Young dependency ratio</i>	34.40
	(b) <i>Old dependency ratio</i>	12.21
	(c) <i>Total dependency ratio</i>	46.61

II Fertility Indicators

1	<i>Crude Birth Rate</i>	14.10
2	<i>General Fertility Rate</i>	50.46
3	<i>Age-specific Fertility Rate</i>	
	15-19	15.39
	20-24	111.61
	25-29	126.16
	30-34	69.53
	35-39	18.26
	40-44	2.26
	45-49	0.30
4	<i>Total Fertility Rate</i>	1.72
5	<i>Gross Reproduction Rate</i>	0.84

III Mortality Indicators

1	<i>Crude death rate</i>	7.47
2	<i>Percentage of infant death to total death</i>	1.07
3	<i>Infant mortality rate</i>	5.69
(a)	<i>Neo-natal mortality rate</i>	4.39
(b)	<i>Early neo-natal mortality rate</i>	3.48
(c)	<i>Late neo-natal mortality rate</i>	0.91
(d)	<i>Post neo-natal mortality rate</i>	1.30
(e)	<i>Peri neo-natal mortality rate</i>	7.97
4	<i>Still Birth Rate</i>	4.50
5	<i>Maternal Mortality Ratio (per one lakh live birth)</i>	13

IV Percentage distribution of births by type of medical attention at the time of delivery

1	<i>Government Hospital</i>	28.96
2	<i>Private Hospital</i>	70.16
3	<i>Qualified Professional</i>	0.18
4	<i>Untrained functionary and others</i>	0.63
5	<i>Not Specified</i>	0.07

V Percentage distribution of deaths by type of Medical attention at the time of death

1	<i>Institutional</i>	60.87
2	<i>Qualified Professional</i>	15.89
3	<i>No medical attention</i>	23.22
4	<i>Not specified</i>	0.02

VITAL RATES IN KERALA- 2009 to 2018

Year	Crude Birth Rate	Crude Death Rate	Infant Mortality Rate	Still Birth Rate	Maternal Mortality Ratio (per 1 lakh live birth)
2009	15.82	6.74	6.84	5.36	21
2010	15.75	6.88	7.42	5.30	30
2011	16.75	7.32	7.53	4.92	18
2012	16.37	7.14	8.02	4.50	20
2013	15.88	7.7	7.22	5.15	36
2014	15.75	7.31	6.45	4.73	28
2015	15.13	7.40	5.91	4.75	17
2016	14.48	7.47	5.59	4.60	26
2017	14.62	7.64	6.31	4.58	24
2018	14.10	7.47	5.69	4.50	13

District wise Live Births, Deaths, Infant Deaths and Rates–2018

Districts	Rural/Urban	Births		Deaths		Infant Deaths	
		Number	Rate	Number	Rate	Number	Rate
<i>Thiruvananthapuram</i>	Rural	7915	3.65	13183	6.09	13	1.64
	Urban	38410	32.30	19847	16.69	464	12.08
	Total	46325	13.81	33030	9.84	477	10.30
<i>Kollam</i>	Rural	10148	4.80	14774	6.98	25	2.46
	Urban	18530	34.04	5834	10.72	19	1.03
	Total	28678	10.78	20608	7.75	44	1.53
<i>Pathanamthitta</i>	Rural	5308	5.24	8796	8.68	47	8.85
	Urban	10863	68.39	4006	25.22	32	2.95
	Total	16171	13.80	12802	10.92	79	4.89
<i>Alappuzha</i>	Rural	9388	5.23	14009	7.80	47	5.01
	Urban	8616	24.61	3246	9.27	5	0.58
	Total	18004	8.39	17255	8.04	52	2.89
<i>Kottayam</i>	Rural	14355	8.55	16071	9.57	177	12.33
	Urban	10321	33.94	4229	13.91	22	2.13
	Total	24676	12.44	20300	10.23	199	8.06
<i>Idukki</i>	Rural	6426	6.48	5893	5.94	14	2.18
	Urban	5078	49.98	1308	12.87	7	1.38
	Total	11504	10.52	7201	6.59	21	1.83
<i>Ernakulam</i>	Rural	11770	5.26	14187	6.34	113	9.60
	Urban	15918	13.39	6771	5.70	25	1.57
	Total	27688	8.08	20958	6.11	138	4.98
<i>Thrissur</i>	Rural	13813	5.49	19481	7.75	187	13.54
	Urban	33357	45.75	9972	13.68	167	5.01
	Total	47170	14.54	29453	9.08	354	7.50
<i>Palakkad</i>	Rural	8579	3.30	14311	5.51	47	5.48
	Urban	27507	77.52	4520	12.74	48	1.75
	Total	36086	12.22	18831	6.38	95	2.63
<i>Malappuram</i>	Rural	27186	7.38	12025	3.26	139	5.11
	Urban	68487	84.49	7230	8.92	186	2.72
	Total	95673	21.28	19255	4.28	325	3.40
<i>Kozhikode</i>	Rural	11867	5.30	10375	4.64	21	1.77
	Urban	44716	44.21	16822	16.63	676	15.12
	Total	56583	17.41	27197	8.37	697	12.32
<i>Wayanad</i>	Rural	4776	6.67	3411	4.77	33	6.91
	Urban	10416	79.48	1592	12.15	20	1.92
	Total	15192	17.94	5003	5.91	53	3.49
<i>Kannur</i>	Rural	4256	2.22	11128	5.80	58	13.63
	Urban	39852	57.10	7941	11.38	116	2.91
	Total	44108	16.87	19069	7.29	174	3.94
<i>Kasaragod</i>	Rural	5886	4.84	5702	4.69	30	5.10
	Urban	14430	82.02	1866	10.61	39	2.70
	Total	20316	14.61	7568	5.44	69	3.40
<i>Kerala</i>	Rural	141673	5.27	163346	6.08	951	6.71
	Urban	346501	44.72	95184	12.29	1826	5.27
	Total	488174	14.10	258530	7.47	2777	5.69

District wise Still Births, Maternal Deaths and Rates –2018

Districts	Rural/Urban	Still Birth		Maternal Death	
		Number	Rate	Number	Ratio
<i>Thiruvananthapuram</i>	Rural	8	1.01	2	25
	Urban	306	7.90	2	5
	Total	314	6.73	4	9
<i>Kollam</i>	Rural	20	1.97	5	49
	Urban	28	1.51	1	5
	Total	48	1.67	6	21
<i>Pathanamthitta</i>	Rural	6	1.13	2	38
	Urban	41	3.76	2	18
	Total	47	2.90	4	25
<i>Alappuzha</i>	Rural	45	4.77	1	11
	Urban	3	0.35	1	12
	Total	48	2.66	2	11
<i>Kottayam</i>	Rural	151	10.41	3	21
	Urban	11	1.06	2	19
	Total	162	6.52	5	20
<i>Idukki</i>	Rural	28	4.34	2	31
	Urban	16	3.14	0	0
	Total	44	3.81	2	17
<i>Ernakulam</i>	Rural	36	3.05	0	0
	Urban	52	3.26	1	6
	Total	88	3.17	1	4
<i>Thrissur</i>	Rural	120	8.61	3	22
	Urban	92	2.75	1	3
	Total	212	4.47	4	8
<i>Palakkad</i>	Rural	7	0.82	4	47
	Urban	116	4.20	2	7
	Total	123	3.40	6	17
<i>Malappuram</i>	Rural	101	3.70	9	33
	Urban	210	3.06	5	7
	Total	311	3.24	14	15
<i>Kozhikkode</i>	Rural	18	1.51	3	25
	Urban	452	10.01	6	13
	Total	470	8.24	9	16
<i>Wayanad</i>	Rural	38	7.89	2	42
	Urban	50	4.78	0	0
	Total	88	5.76	2	13
<i>Kannur</i>	Rural	73	16.86	2	46
	Urban	125	3.13	1	3
	Total	198	4.47	3	7
<i>Kasaragod</i>	Rural	4	0.68	1	17
	Urban	51	3.52	0	0
	Total	55	2.70	1	5
<i>Kerala</i>	Rural	655	4.60	39	27
	Urban	1553	4.46	24	7
	Total	2208	4.50	63	13

Chapter -1

The Civil Registration System in Kerala - Introduction

Registration of Births and Deaths is an important source for demographic data for socio-economic development and population planning. In India, the need for dependable demographic data was felt soon after independence heralding the era of Five Year planning. In the beginning, the registration of births and deaths started on voluntary basis and there was no uniformity in statistical returns resulting in both under registration and incomplete coverage. In order to unify the civil registration activities, the Civil Registration System (CRS) was introduced in India under the Registration of Births and Deaths Act (RBD Act), 1969. Civil Registration System may be defined as a continuous recording of vital events such as births, deaths and marriages occurring in a population. The basic uses of data from Civil Registration System are:

- *Maintenance of permanent records on births and deaths as legal documents.*
- *Assessment of continuous changes in population.*
- *Evaluation of success of socio-economic programmes by indicators based on vital events and size of population.*

As a matter of fact, requirement of this system as legal proof of births and deaths should in itself be strong enough reason for any country to have a fully operational CRS. In India the registration of vital events and the administrative machinery for this purpose has been in existence for more than a century. It had been working under diversified Acts and executive instructions thus making it unsuitable for the independent India.

1.1 Registration of Births and Deaths Act 1969

This Act replaced the then existed laws and unified the system of registration throughout the country. Under the RBD Act 1969, registration of births and deaths is made compulsory. It has become mandatory on the part of head of house hold or his representative to report and register domiciliary vital events, for medical officers in charge of medical institution in respect of births and deaths occurring in these institutions. The Act also provided the statutory authority at Centre, State, District and local level. It prescribed definitions, principles, personnel and penalties connected with enforcement of the Act. It enabled Central Government to insist uniformity in registration procedures and bring out comparability in vital statistics registered in different parts of the country.

Statistics of births and deaths are compiled on the basis of Civil Registration System introduced under the Registration of Births and Deaths (RBD) Act, 1969. It is required under the Act that each vital event should be reported within 21 days from the date of occurrence of the event. This Act also provides for registration of events beyond 21 days on payment of some penalty. In the case of large delays, registration can only be done after taking the permission of the District Magistrate.

National Level

At national level the Registrar General of India (RGI) administers the CRS. He is empowered to issue general directions and take steps to co-ordinate and unify the activities of Chief Registrars of the States, who are the Chief Executive authority in the states for executing the provisions of RBD Act 1969 and the rules and orders made there under. They were responsible for coordinating, unifying and supervising the work of CRS within their respective state.

State Level

The Registration of Births and Deaths Act 1969 (Central Act 18 of 1969) came into force in Kerala on 1st April 1970 by the Government of India Gazette notification dated 21st March 1970 along with many other states. The Kerala Registration of Births and Deaths Rules 1970 published in G.O.(P)No.7/70/LAD dated 29th June 1970 by S.R.O.No.262/70 Gazette dated 1st July 1970 have been approved by the Government of India under section 10(1) of the said Act.

As per the circular No.6/4/97/VS(CRS) dated 31/5/1999 of the office of the Registrar General of India, the revamped Civil Registration system was introduced with effect from 1/01/2000. In tune with the newly introduced system ,the Registration of Births and Deaths Rules 1970 was replaced with the new rules, viz Kerala Registration of Births and Deaths Rules 1999 and it was published as per the order G.O .(P)No.8/2000/LSGD dated 06/01/2000.

1.2 Organizational Setup in the State

- **Chief Registrar**

The Joint Director of Panchayaths, Government of Kerala is the Chief Registrar of Births and Deaths.

- **Additional Chief Registrar**

The Additional Director General of Economics and Statistics Department is designated as the Additional Chief Registrar of Births and Deaths.

- **Deputy Chief Registrar**

Deputy Chief Registrar assists the Chief Registrar in the day-to-day affairs relating to the registration of Births and Deaths at the State level. Deputy Director of Economics and Statistics, Vital statistics division has been designated as Deputy Chief Registrar to assist Additional Chief Registrar for release timely birth & death statistics.

- **District Registrars**

The Deputy Director of Panchayaths of the 14 districts in the State are functioning as the District Registrars. The Secretaries of Corporations, Municipalities and the Executive Officer of Kannur Cantonment area are exercising the powers of District Registrars.

- **Additional District Registrars**

The Deputy Directors of the 14 District Statistical Offices are functioning as the Additional District Registrars of Births and Deaths of respective revenue districts.

- **Registrars**

The Secretaries of Grama Panchayats, Health Officers of Corporations, Health Inspectors of Municipalities and Executive Officer of Kannur Cantonment area are functioning as the Registrars of births and deaths.

1.3 The Process

The data reporting forms contain details of birth, death and still birth. Birth registration form contains information on date of occurrence/registration, usual residence of mother, place of birth, sex and weight of the child, order of birth, type of medical attention at birth, type of delivery and characteristics of the parents including their name, age, religion, educational status, occupation etc. In the case of death, information includes name, sex, age, marital status, religion, occupation, usual residence of the deceased, place of occurrence, date of occurrence/registration, cause of death, whether medically certified or not and kind of medical attention received at the time of death and characteristics of the mother, pregnancy period etc. in the case of still births. These forms have two parts: legal and statistical. The statistical part of the vital events registered in the registration units are entered in to the Sevana software developed by IKM, Kerala. The Vital Statistics Division of the DES prepares this report as per the methodology and instructions issued by the Registrar General of India (RGI) from time to time. The report contains district-wise statistics of births, deaths, infant deaths, still births and the related vital rates.. Information Kerala Mission (IKM) has provided “Sevana” package in all the Grama Panchayats, Municipalities and Corporations for registration of births and deaths and issue of certificates.

1.4 Limitations of the Data

As far as the level of registration , Kerala has attained cent percent record in the registration of births and 99.5 percent in the case of deaths. Some events are seen unregistered. This may be due to lack of awareness about the need and importance of registration of births and deaths and lack of registration procedure knowledge among the public. This may affect the quality of the statistical data. Efforts are being taken to create awareness about the importance and necessity of registration. More over Cochin Corporation was not sharing data through IKM (Sevana Software) and hence their data not included in this report for calculating Vital Rates & and also Detailed Tables.

1.5 Status of Reporting

The local bodies, viz., the Grama Panchayats, Municipalities and Corporations function as the registration units of vital events in the State. Place of Occurrence of events and Year of Registration are the criteria used in the report for compiling vital events. Total Registration units in the State are 1035 units. The details of registration units (Rural& Urban) are given in table A1. Utmost care has been given for the above process avoiding duplications and omissions, and eventually a cent percent reporting was achieved both in rural as well as urban areas.

Chapter -2 ***Analysis of Vital Events – Live Births***

2.1 Registered Live Births

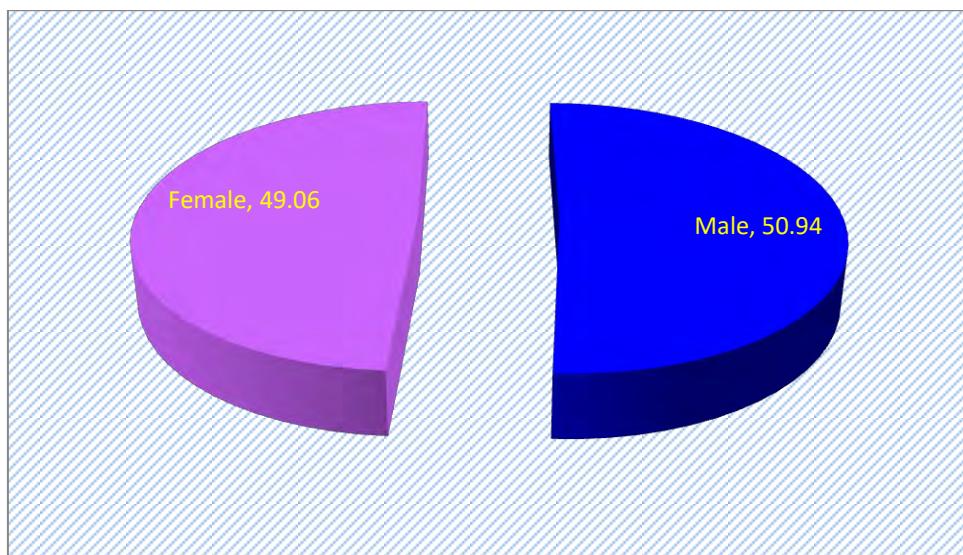
Total number of live births registered during the year 2018 was 488174. Out of the total live births registered, sex of the child are 248678 male, 239474 female and the remaining 22 cases are not reported its sex. It is seen that more males (50.94%) were born than females (49.06%) which resulted to a sex ratio at birth of 963 females per 1000 males.

The following Table 2.1(i) shows the registered live births by sex. Also the chart 2.1(i) presents the pictorial presentation of percentage of live births registered by sex

Table- 2.1(i)
Registered Live Births by Sex –2018

<i>Sex</i>	<i>No. of Births registered</i>	<i>%</i>
<i>Male</i>	248678	50.94
<i>Female</i>	239474	49.06
<i>Not Reported</i>	22	0.00
<i>Total</i>	488174	100.00

Chart 2.1(i)-Percentage Distribution of Registered Live Births by Sex –2018



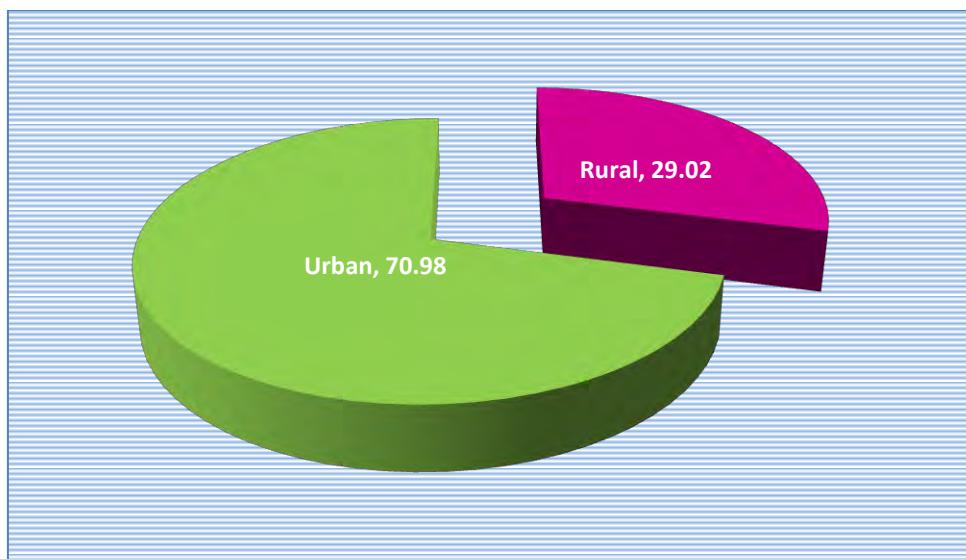
According to the number of live births registered by area, 141673 births (29.02%) were reported from rural areas and 346501 births (70.98%) from urban areas. The following Table 2.1(ii) the registered live births and the chart 2.1(ii) shows the pictorial presentation of

percentage of live births registered by area. It is observed that the percentage share of live births registered in rural area is lower than that of urban area.

Table- 2.1(ii)
Registered live births by Area –2018

Rural/Urban	No. of births registered	%
Rural	141673	29.02
Urban	346501	70.98
Total	488174	100.00

Chart 2.1(ii)-Percentage Distribution of Registered live births by Area -2018



2.2 Time Gap in Registration of Birth

The registered births have been classified in four categories depending upon their period of registration. The four time periods considered for the purpose are: i)within prescribed time limit (up to 21 days), ii) After 21 days but within 30 days, iii) After 30 days but within 1 year, iv) More than 1 year. Under the RBD Act 1969, all vital events are to be registered within 21 days from the date of occurrence of the event. Even though there exists a system of birth registration at the place of delivery (hospital) through the institution concerned, there were delayed registrations still prevails. The percentage of registration achieved out of total registration undertaken in the year 2018 within the prescribed time limit (up to 21 days) is 86.37%. As per area wise it is 79.18% in rural area and 89.30% in urban areas. During the year 2018, 13.63% births registered were reported as delayed registration. In the case of rural area, it is 20.82%, where as in urban area, delayed registration reported

is 10.70%. District wise details of time gap in registration of live births are given in Table B3(i), B3(ii) and B3(iii).

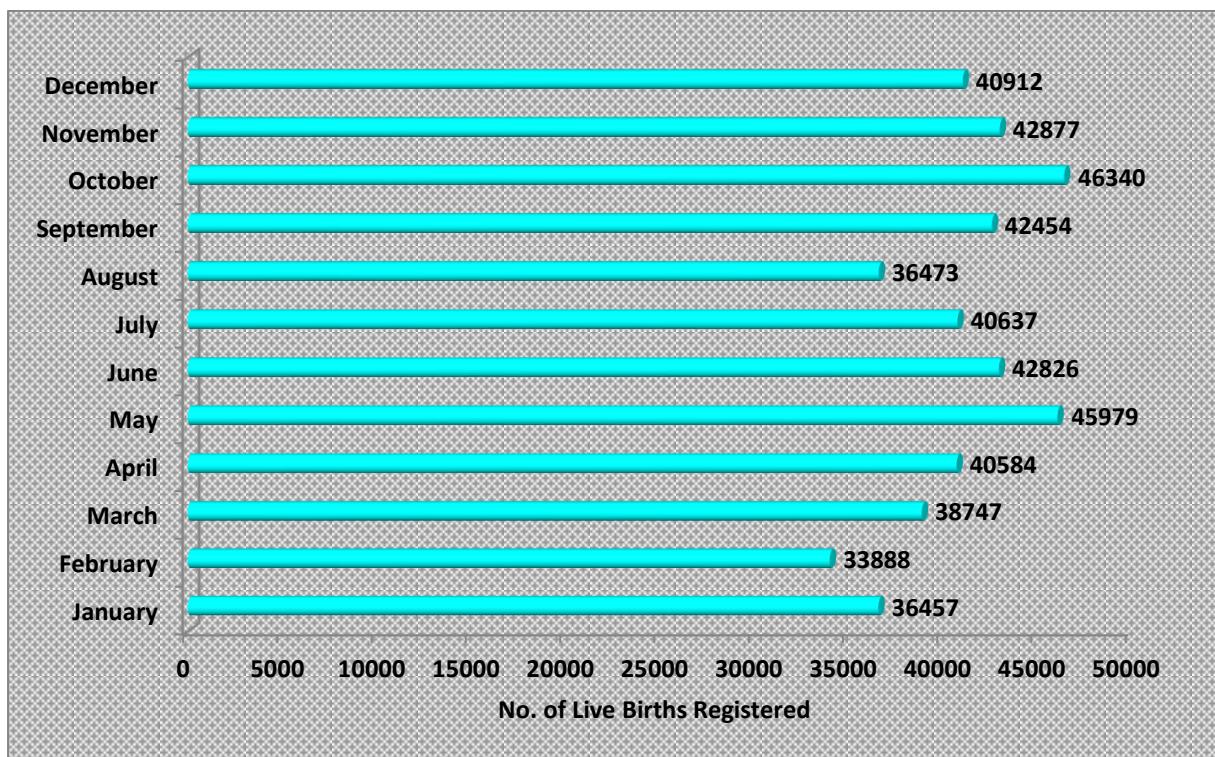
2.3 Live births by month of occurrence

In 2018, highest number of births occurred in October with 46340 (9.49%) of the total births in the State. It was followed by the months of May (9.42), November (8.78%) & June (8.77%). The month of February (6.94%) had the least number of births in 2018. The month wise live births registered during 2018 are shown in the following table 2.3 and chart 2.3.

Table – 2.3
Month-wise distribution of live births registered – 2018

<i>Month</i>	<i>Number of live births registered</i>	<i>%</i>
<i>January</i>	36457	7.47
<i>February</i>	33888	6.94
<i>March</i>	38747	7.94
<i>April</i>	40584	8.31
<i>May</i>	45979	9.42
<i>June</i>	42826	8.77
<i>July</i>	40637	8.32
<i>August</i>	36473	7.47
<i>September</i>	42454	8.70
<i>October</i>	46340	9.49
<i>November</i>	42877	8.78
<i>December</i>	40912	8.39
<i>Total</i>	488174	100.00

Chart 2.3-Month wise distribution of Live Births registered – 2018



2.4 Sex Ratio at Births by Month and Districts wise

The Sex Ratio (Number of females per thousand males) at birth is an important indicator to map the sex differential of the population at the beginning of their life. The sex ratio at birth has been calculated by month and district wise for the year 2018 is shown below in the following table 2.4(1) & 2.4(2) While analyzing the month wise Sex Ratio at birth, the highest Sex Ratio at birth reported during the month of December and the lowest during the month of September. In the case of district wise births reported, it is seen that sex ratio at birth is highest in Wayanad, followed by Alappuzha and Ernakulam and the lowest in Kottayam district. Chart 2.4(i) & 2.4(ii) gives the pictorial presentation of sex ratio at birth by month wise & district wise

Table – 2.4(1)
Month wise Sex Ratio at Birth – 2018

Month	Number of live births registered		Sex Ratio at Birth
	Male	Female	
January	18675	17781	952
February	17142	16744	977
March	19778	18969	959
April	20726	19853	958
May	23531	22446	954
June	21642	21182	979
July	20649	19987	968
August	18656	17815	955
September	21876	20578	941
October	23510	22829	971
November	21901	20972	958
December	20592	20318	987
Total	248678	239474	963

Chart – 2.4(1)
Month wise Sex Ratio at Birth - 2018

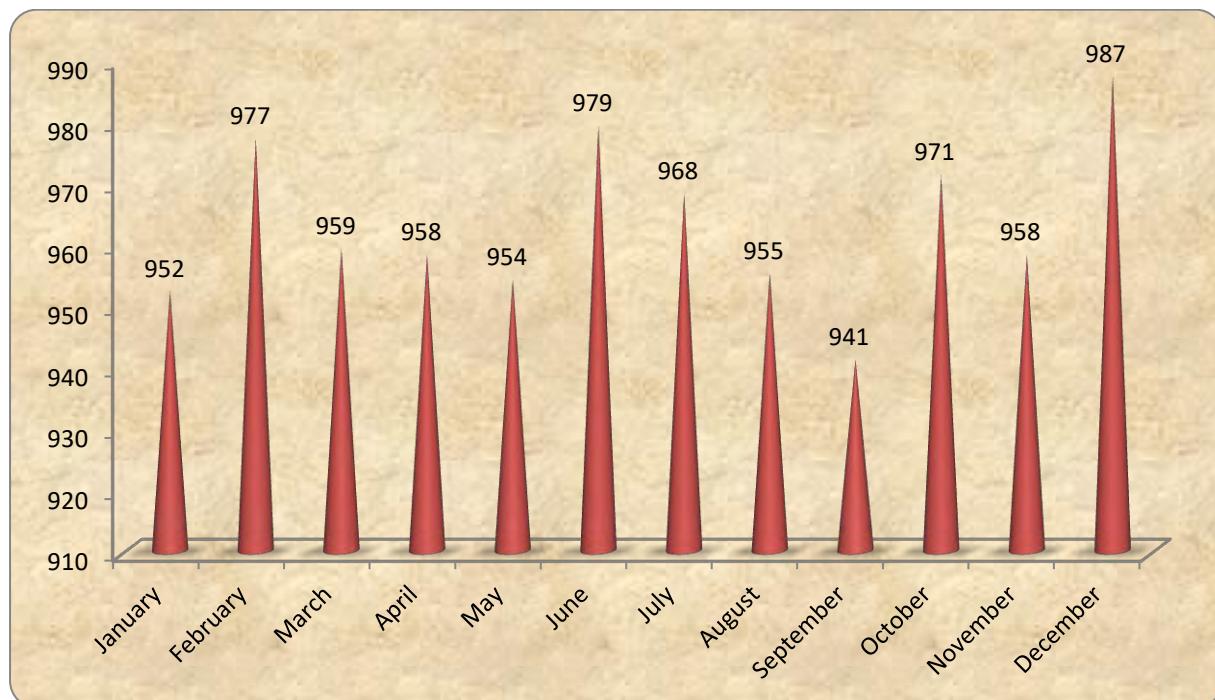
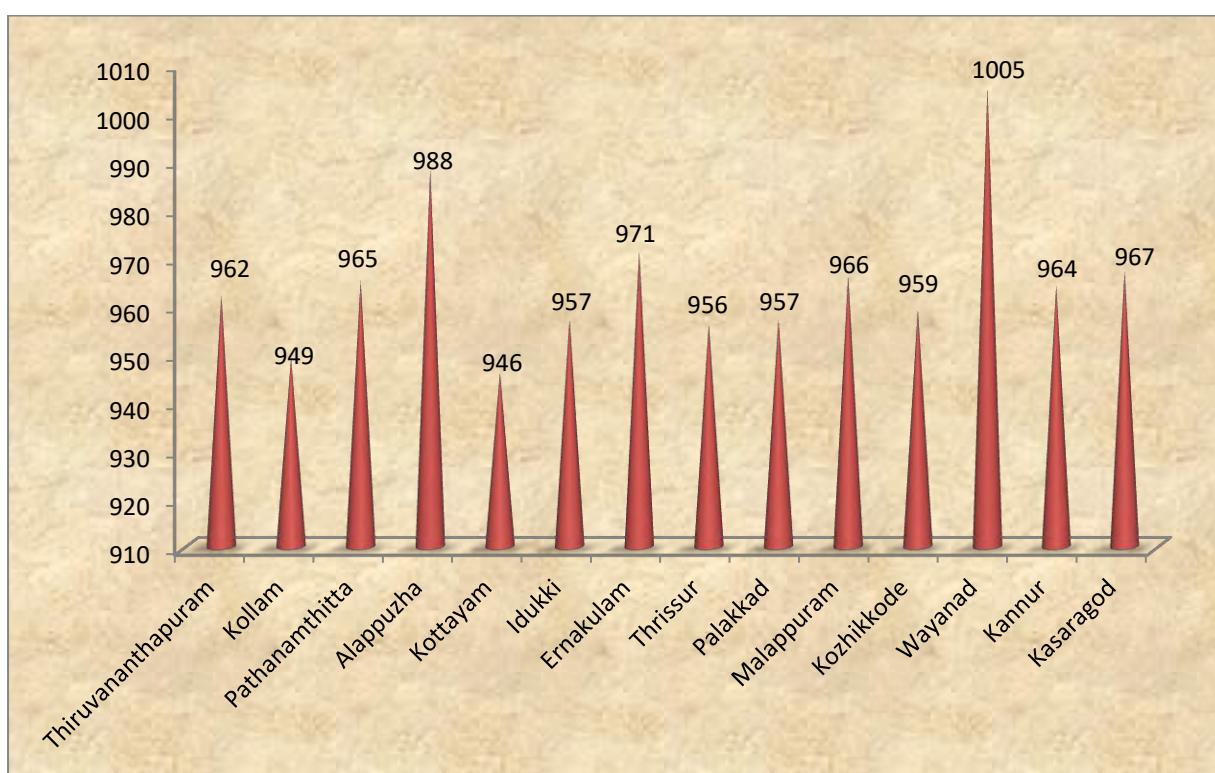


Table – 2.4(2)
District wise Sex Ratio at Birth - 2018

Sl. No.	Name of District	Number of Live Births registered		Sex Ratio at Birth
		Male	Female	
1	Thiruvananthapuram	23610	22712	962
2	Kollam	14712	13966	949
3	Pathanamthitta	8230	7941	965
4	Alappuzha	9054	8948	988
5	Kottayam	12679	11997	946
6	Idukki	5879	5624	957
7	Ernakulam	14044	13642	971
8	Thrissur	24117	23049	956
9	Palakkad	18441	17643	957
10	Malappuram	48671	47000	966
11	Kozhikode	28880	27700	959
12	Wayanad	7575	7616	1005
13	Kannur	22460	21646	964
14	Kasaragod	10326	9990	967
State Total		248678	239474	963

Chart 2.4(2)-District -wise distribution of Sex Ratio at birth – 2018



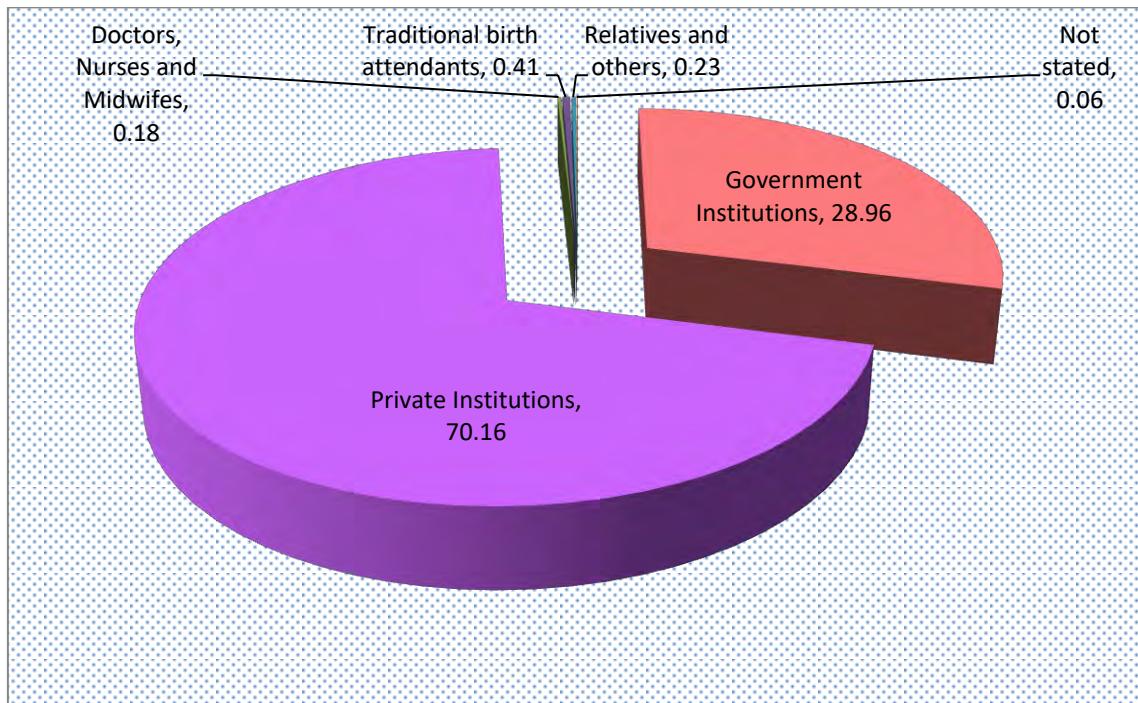
2.5 Medical attention received at the time of delivery

The percentage distribution of medical attention received at the time of delivery has been given in the following table 2.5(i). The data shows that majority of births have been occurred in an institution, either in Government or private hospitals. Out of total births registered during 2018, Institutional births 99.12% of cases, 0.18% of the cases were attended by Physicians/Nurse/Midwife. However, about 0.41% of the events were still attended by traditional birth attendant and another 0.23% by Relatives and others. Type of attention at delivery by Midwives, Traditional birth attendants, relative & others were mostly recorded in delayed registration.

Table – 2.5(i)
Percentage distribution of live birth by medical attention at birth-2018

		Type of attention at delivery							
		Government Institutions	Private Institutions	Total	Doctors, Nurses and Midwives	Traditional birth attendants	Relatives and others	Not stated	Total
Urban	Rural	4.99	23.27	28.26	0.14	0.37	0.21	0.04	29.02
Urban	Urban	23.97	46.89	70.86	0.04	0.04	0.02	0.02	70.98
Total	Total	28.96	70.16	99.12	0.18	0.41	0.23	0.06	100.00

Chart 2.5(i)-Percentage distribution of live birth by medical attention at birth-2018



The following Table 2.5(ii) presents the percentage distribution of live birth by type of medical attention received at the time of delivery in rural/urban area separately. It is seen that out of 141673 live births in rural area, 97.39 % events are reported as institutional birth and in the case of urban area, the corresponding rate is 99.82%.

In spite of having enough medical facilities across the State, a small percentage of live births (1.27%) is still attended by traditional birth attendant/relatives in rural area and 0.05% in urban area.

Table – 2.5(ii)

Percentage distribution of Live Birth by medical attention at birth (Rural/Urban)-2018

Rural/ Urban	Type of attention at delivery							
	Government Institutions	Private Institutions	Total	Doctors, Nurses and Midwifes	Traditional birth attendants	Relatives and others	Not stated	Total
Rural	17.20	80.19	97.39	0.48	1.27	0.71	0.15	100
Urban	33.76	66.06	99.82	0.06	0.05	0.03	0.04	100
Total	28.96	70.16	99.12	0.18	0.41	0.23	0.06	100

Chart 2.5(ii)-Percentage distribution of live birth by medical attention at birth (Rural)-2018

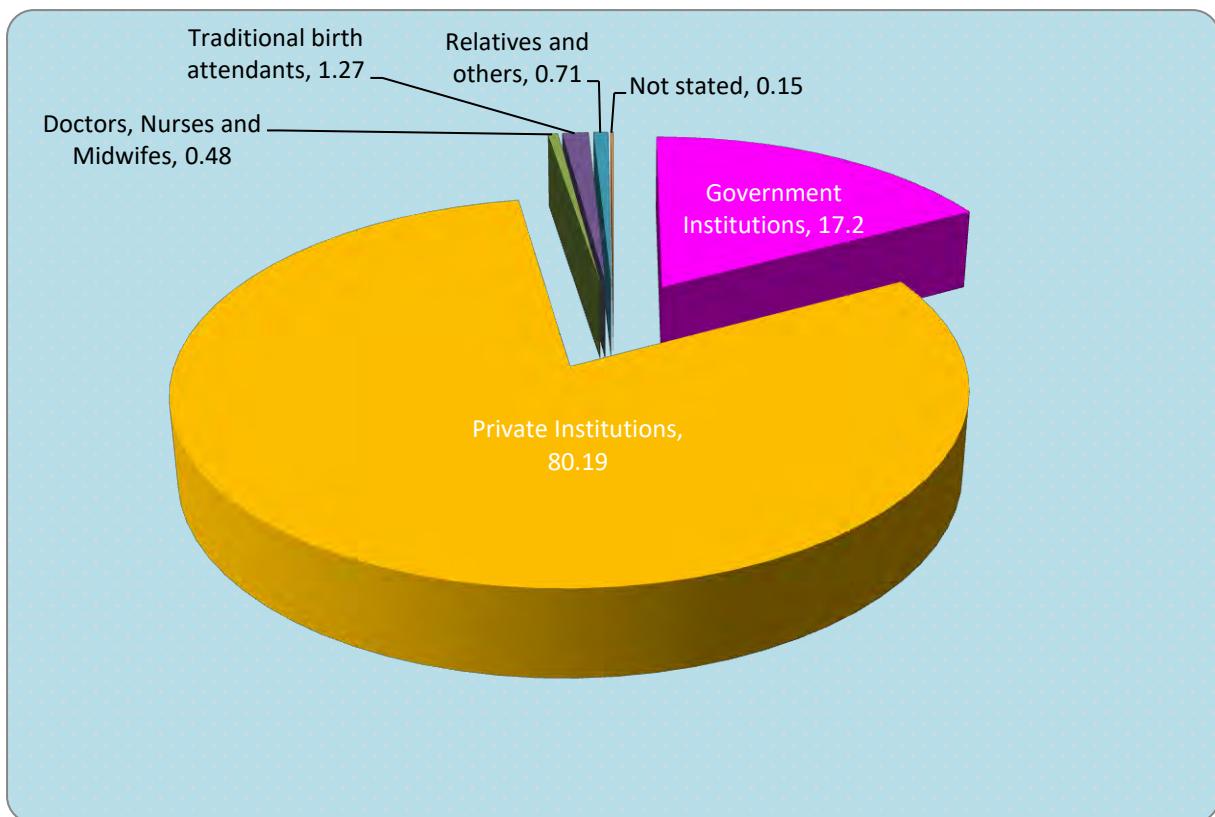
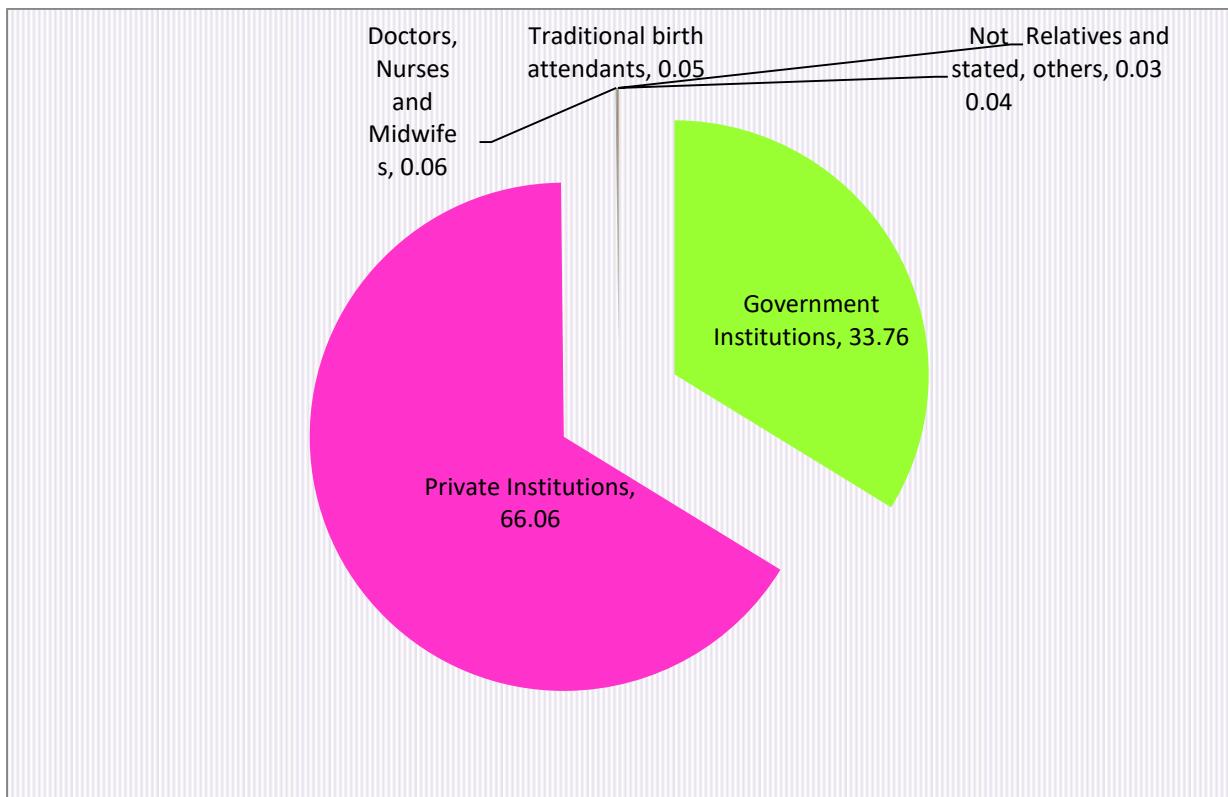


Chart 2.5(iii)-Percentage distribution of Live Birth by medical attention at birth (Urban)-2018



2.6. Live birth by Type of institution and Method of delivery

Delivery or childbirth can be categorized on the basis of place of delivery, type of delivery (normal/caesarean section) and the personnel conducting delivery. These factors affect the chances of survival and subsequent health of mother and child.

The following Table 2.6 gives the percentage distribution of registered live births occurred in institutions by method of delivery. During 2018, the percentage share of institutional deliveries to total live birth is 99.12%. While considering the institutional wise, it is seen that out of the 141368 Live births occurred in Govt. Hospitals, 58.95% are normal deliveries and 39.88% are caesarians. But in the case of private hospitals, out of 342515 live births occurred, the percentage of normal deliveries and caesarians are 54.24% and 42.30% respectively. It is also noted that in both the type of institutions, percentage of normal deliveries are more than that of caesarian. The pictorial presentation of percentage distribution of institutional live births by method of delivery is given in the following charts 2.6(i), 2.6(ii) & 2.6(iii).

Table – 2.6
Percentage distribution of Registered Live Births by Type of institutions and Method of delivery – 2018

Type of Institution	Method of Delivery				Total
	Normal	Caesarean	Forceps/vacuum	Not Stated	
<i>Government Institution</i>	58.95	39.88	1.17	0	100.00
<i>Private Institution</i>	54.24	42.30	3.45	0.01	100.00

Chart -2.6(i)-Percentage distribution of registered Live Births by Institutions and Method of delivery -2018

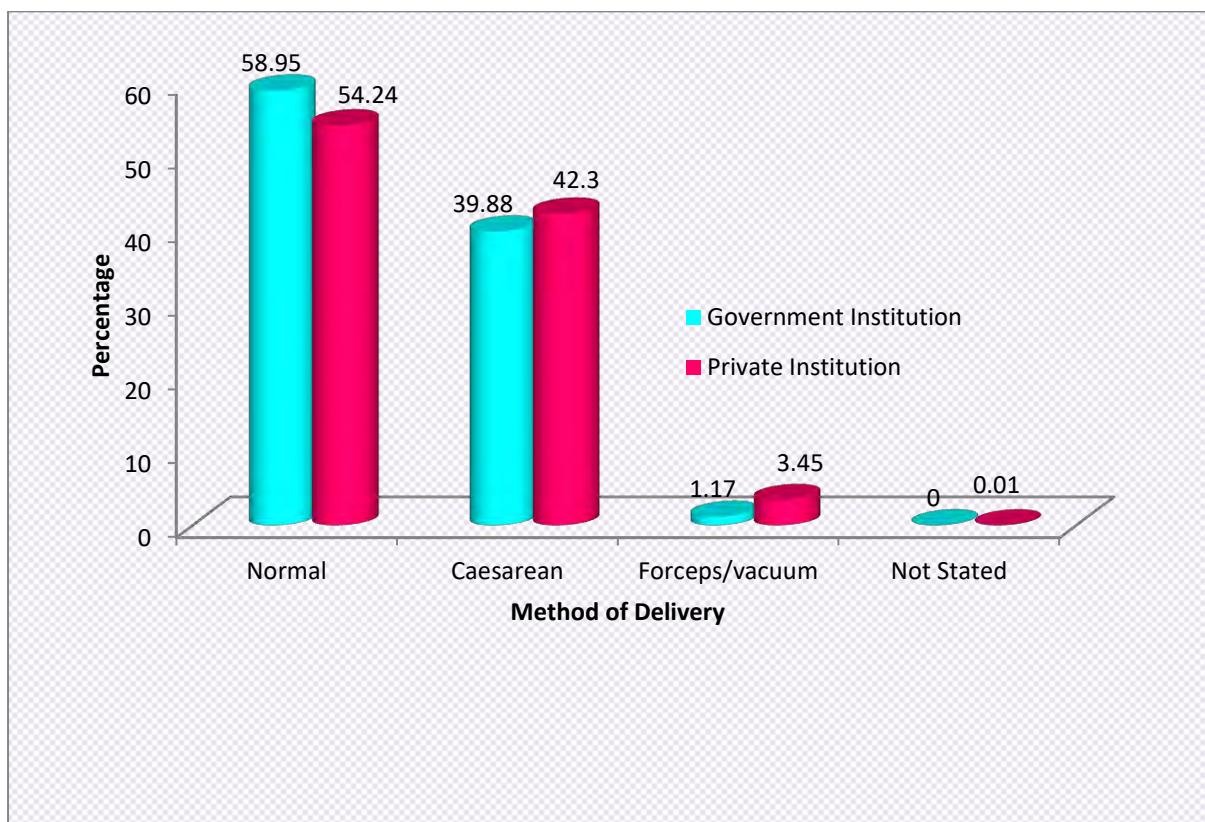


Chart-2.6(ii)- Percentage distribution of registered live births in Government institutions and Method of delivery -2018

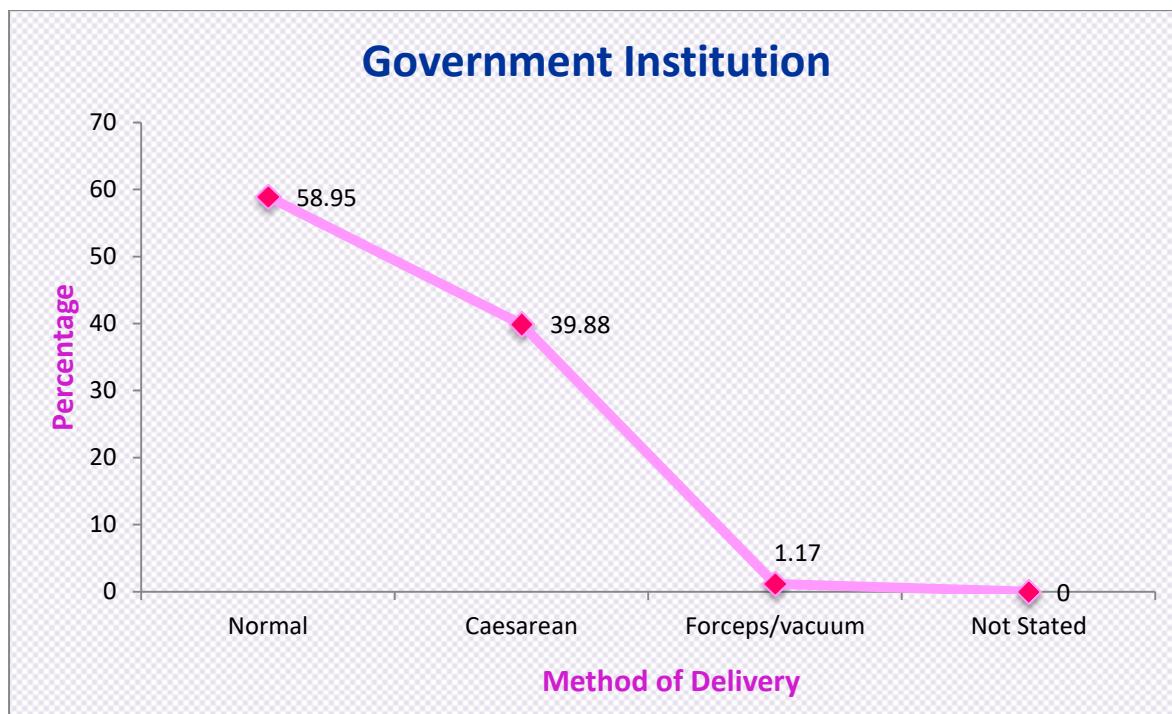
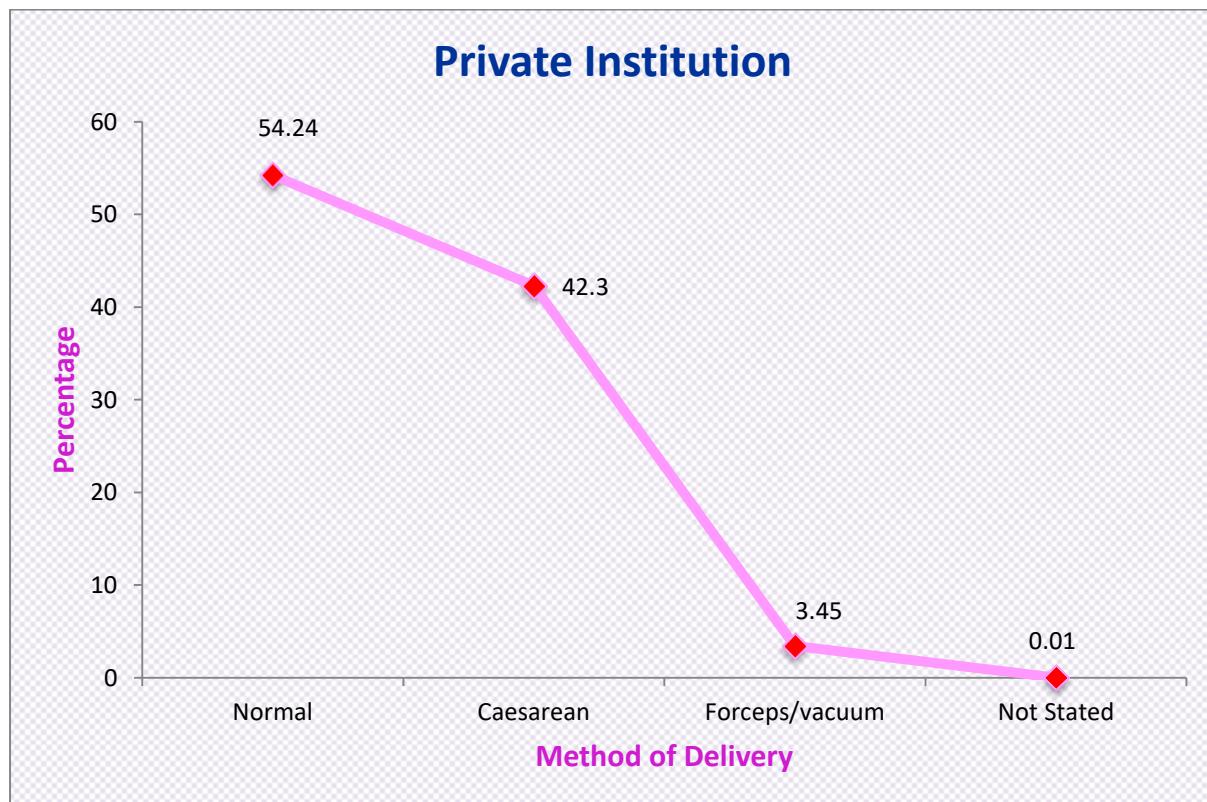


Chart -2.6(iii)- Percentage distribution of registered live births in Private Institutions and Method of delivery – 2018



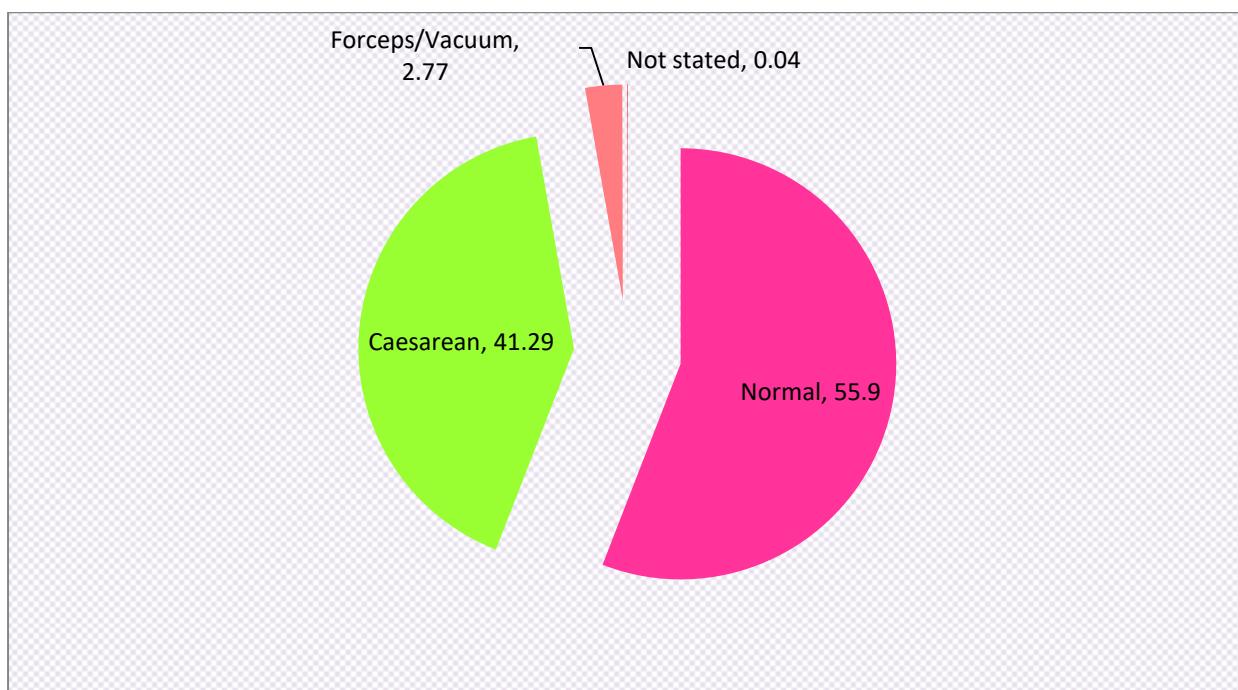
2.7. Live birth by method of delivery and age of mother

The following Table 2.7 presents the Percentage distribution of live birth by method of delivery and age group of mother. As per the percentage of live birth registered by type of attention at delivery, 55.9% are normal deliveries and 41.29% are of Caesarean. The highest percentage of live births (37.51%) belongs to mothers in the age group 25-29, followed by the age group 20-24. In addition to this, highest percentage of normal (20.44%) as well as caesarean (16.09%) deliveries are also belongs to the 25-29 age group.

Table – 2.7
Percentage distribution of Live Birth by method of delivery and age group -2018

Method of delivery	Age of mother (years)									Total
	<15	15-19	20-24	25-29	30-34	35-39	40-44	45 and above	Not stated	
Normal	0	2.90	20.07	20.44	9.77	2.46	0.21	0.01	0.04	55.90
Caesarean	0	1.10	11.20	16.09	9.46	2.95	0.4	0.07	0.02	41.29
Forceps/Vacuum	0	0.19	1.13	0.98	0.37	0.09	0.01	0	0	2.77
Not stated	0	0.00	0.00	0	0	0	0	0	0.04	0.04
Total	0	4.19	32.40	37.51	19.60	5.50	0.62	0.08	0.10	100

Chart (2.7)-Percentage distribution of live birth by method of delivery -2018



2.8. Live births by age of mother and birth order

Table 2.8 below presents the distribution of live births by age of mother and birth order. In the reproductive age group of 15-49, highest number of live births were reported for the mothers in the age group of 25-29(37.51%), followed by the age group 20-24 (32.40%) and there after it declined gradually with increase in age. It is to be noted that 4.19% of live births belong to the age group 15-19. The fertility of women decreases with increase in the age and in the age group 45 and above.

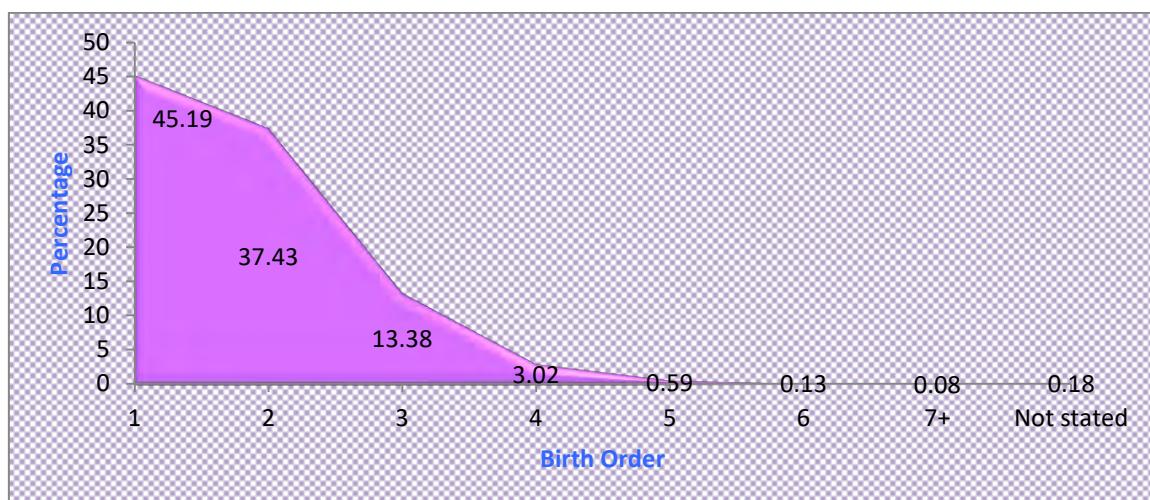
Table – 2.8

Percentage distributions of live birth by age of mother and birth order- 2018

Age of mother	Birth order								Total
	1	2	3	4	5	6	7+	Not stated	
Below 15	0	0	0	0	0	0	0	0	0.00
15-19	4.1	0.07	0.01	0	0	0	0	0.01	4.19
20-24	21.8	9.44	1.06	0.05	0.01	0	0	0.04	32.40
25-29	14.66	16.31	5.73	0.69	0.07	0	0	0.05	37.51
30-34	3.55	9.22	5.02	1.47	0.25	0.05	0.02	0.02	19.60
35-39	0.86	2.13	1.43	0.73	0.23	0.07	0.04	0.01	5.50
40-44	0.16	0.21	0.12	0.07	0.03	0.01	0.02	0	0.62
45 & above	0.03	0.03	0	0.01	0	0	0	0.01	0.08
Age Not Stated	0.03	0.02	0.01	0	0	0	0	0.04	0.10
Total	45.19	37.43	13.38	3.02	0.59	0.13	0.08	0.18	100

It is observed that 45.19% of the total live births are first order births, 37.43% of total births are second order births and 13.38% are of third order births. The fourth and higher order births account for only 3.82% of total births.

Chart(2.8)-Percentage distributions of Live Birth by birth order – 2018



2.9. Live births by Educational level of mother and father

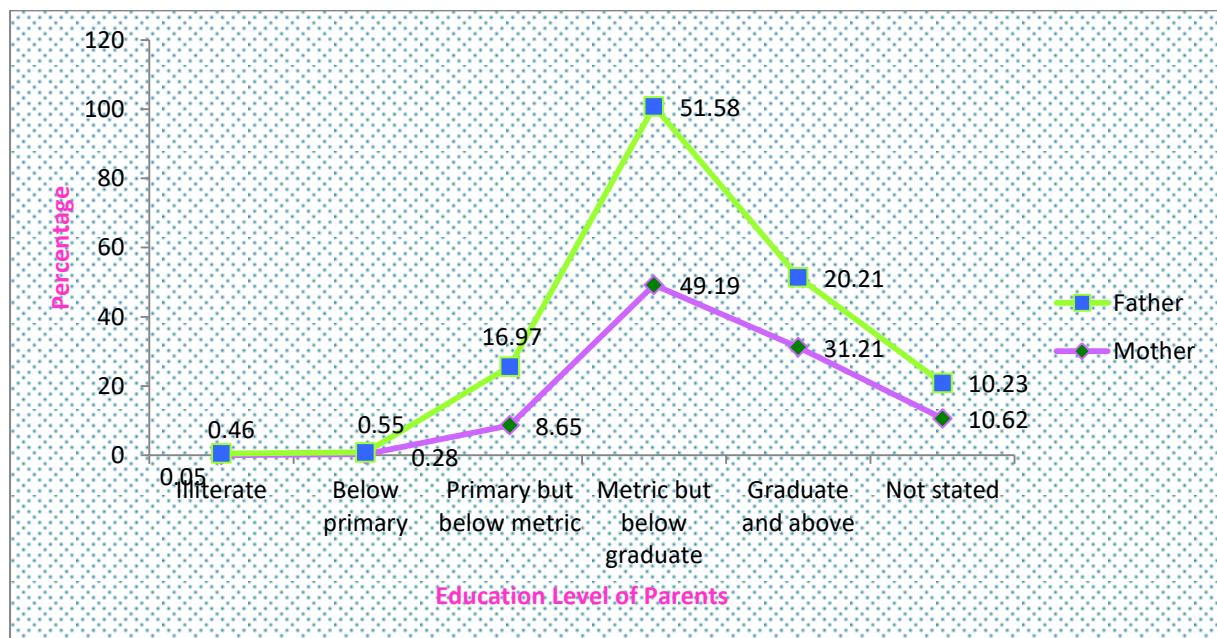
Table 2.9 shown below the percentage distribution of live births according to the level of education of father and mother. While considering the educational level of mother, highest percentage of birth is registered in the category “Metric but below graduates”, followed by “Graduate and above” and there after “Primary but below metric”. In the case of educational level of father also, the same pattern is following. In both the case of educational level of mother and father, percentage is very small in all other categories.

Table – 2.9

Percentage distribution of Live Births by educational level of Mother and Father– 2018

Education level	Mother	Father
<i>Illiterate</i>	0.05	0.46
<i>Below primary</i>	0.28	0.55
<i>Primary but below metric</i>	8.65	16.97
<i>Metric but below graduate</i>	49.19	51.58
<i>Graduate and above</i>	31.21	20.21
<i>Not stated</i>	10.62	10.23
Total	100.00	100.00

Chart (2.9)-Percentage distribution of live births by educational level of parents – 2018



2.10. Live birth by occupation of Father and Mother

The following table 2.10 shows the Percentage distribution of Live Birth by occupation of Mother & Father. Specific jobs like administrative, executive and managerial jobs require relatively higher educational qualification, which in turn have impact on family size. Table B16 and B17 gives the details of Live birth by occupation of Mother & Father.

Table – 2.10
Percentage distribution of Live birth by occupation of Mother & Father-2018

Occupation	Father	Mother
Professional, Technical and related workers	0.12	0.12
Administrative, Executive and Managerial Workers	0.90	0.20
Clerical and Related Workers	0.79	0.24
Sales Workers	3.04	0.06
Service Workers	2.04	0.24
Farmers, Fishers, Hunters, Loggers & related workers	3.58	0.15
Production and other related workers, transport & other equipment operators & labourers	27.29	0.37
Workers whose occupation are not elsewhere classified	45.82	17.63
Non Workers	2.69	59.83
Not Stated	13.73	21.16

Chart-2.10(i)-Percentage distribution of Live birth by occupation of Father-2018

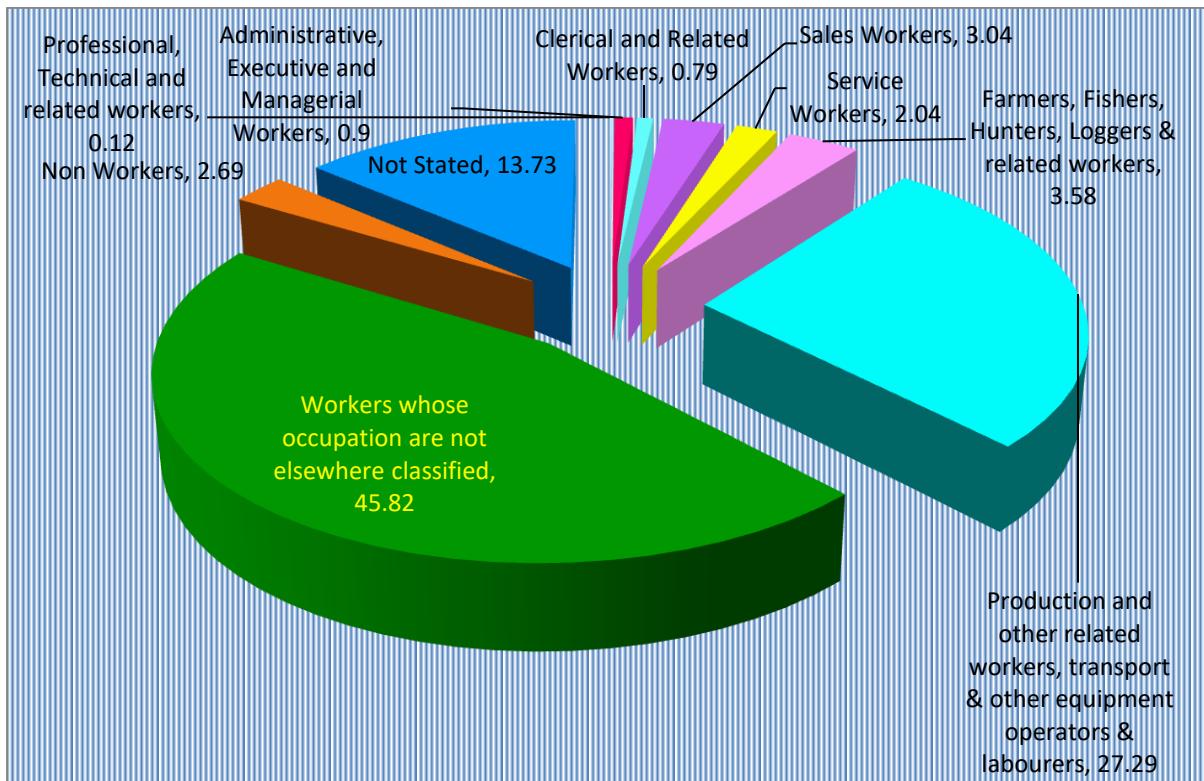
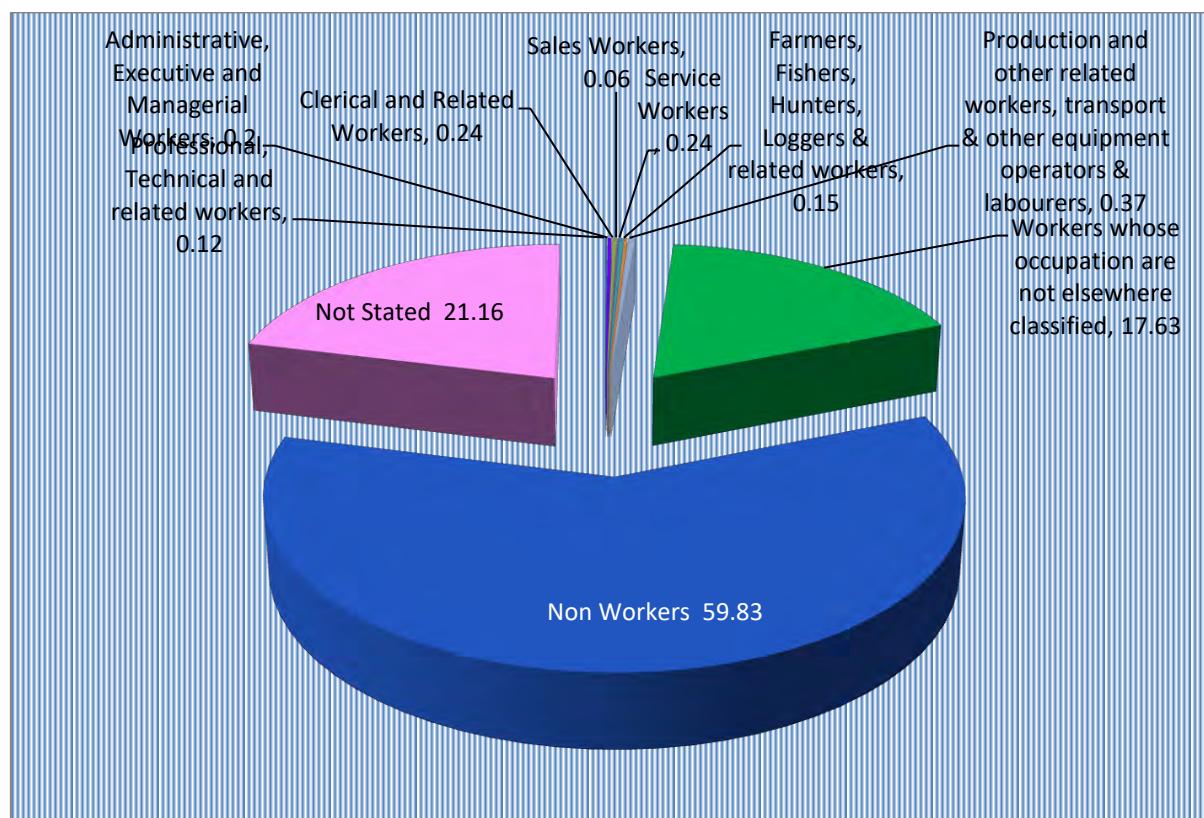


Chart-2.10(ii)-Percentage distribution of Live birth by occupation of Mother-2018



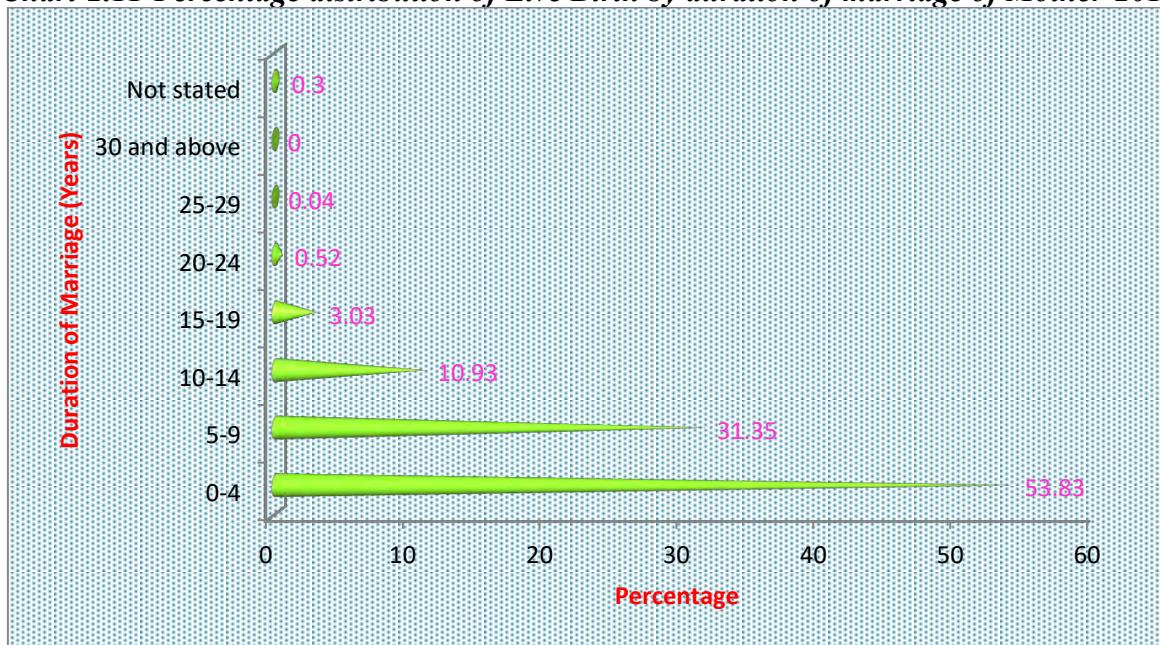
2.11. Live birth by duration of marriage and birth order

Following Table 2.11 presents the percentage distribution of live birth by duration of marriage of mother and birth order. It reveals that 53.83% - of births were occurred to young couples having duration of marriage 0-4 years and 31.35 % of live births within 5-9 years after marriage. Obviously higher proportion of births (45.19%) was of first order for the young couples having duration of marriage 0-4 years.

Table – 2.11
Percentage distribution of live birth by duration of marriage and birth order -2018

Duration of marriage (Years)	Birth order					
	1	2	3	4+	Not stated	Total
0-4	40.95	12.17	0.63	0.04	0.04	53.83
05-09	3.33	21.08	6.31	0.56	0.07	31.35
10-14	0.59	3.56	5.14	1.63	0.01	10.93
15-19	0.15	0.46	1.15	1.27	0	3.03
20-24	0.05	0.07	0.12	0.28	0	0.52
25-29	0	0.01	0.01	0.02	0	0.04
30 and above	0	0	0	0	0	0.00
Not stated	0.12	0.08	0.02	0.02	0.06	0.30
Total	45.19	37.43	13.38	3.82	0.18	100

Chart-2.11-Percentage distribution of Live Birth by duration of marriage of Mother-2018



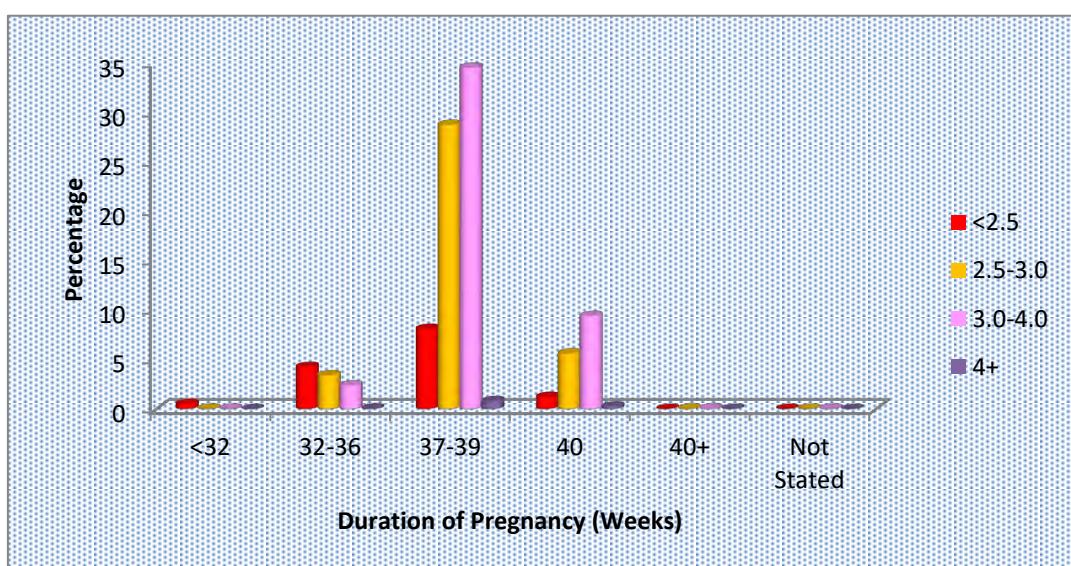
2.12. Live births by duration of pregnancy and birth weight

One of the important causes of still birth and infant death is due to premature delivery. Again premature babies having low birth weight(less than 2.5kg) are susceptible to diseases. Out of the total live birth registered during the year 2018, 14.23% were born with low birth weight. A clear association between duration of pregnancy and birth weight can be observed in the following Table 2.12. It is seen that 37.98% of babies having birth weight between 2.500-3.000 kg and 46.51% of babies having weight between 3.000 - 4.000 kg and only 1.14% of babies having birth weight above 4kg. 72.31% deliveries were occurred within the pregnancy period of 37-39 weeks and 0.62% of deliveries occurred below the pregnancy period of 32 weeks.

Table – 2.12
Percentage distribution of live birth by duration of pregnancy and Birth weight -2018

Duration of pregnancy (weeks)	Birth weight (Kg)					
	<2.5	2.5-3.0	3.0-4.0	4+	Not stated	Total
<32	0.51	0.03	0.03	0	0.05	0.62
32-36	4.29	3.44	2.4	0.06	0.01	10.20
37-39	8.18	28.78	34.52	0.81	0.02	72.31
40	1.23	5.67	9.48	0.26	0	16.64
40+	0.01	0.04	0.05	0.01	0	0.11
Not Stated	0.01	0.02	0.03	0	0.06	0.12
Total	14.23	37.98	46.51	1.14	0.14	100

Chart-(2.12)- Percentage distribution of Live Birth by duration of pregnancy and Birth weight 2018



2.13. Live births by age of mother and birth weight

The following Table 2.13 presents the percentage distribution of live birth by age of mother and birth weight. It is observed that out of total births occurred, 14.23% of infants had a low birth weight of less than 2.5 kg and it is more in the mother's age group 25-29 (4.93%), followed by the age group 20-24 and 30-34. It is also observed that highest percentage of babies (46.51%) have the weight of 3.000-4.000 kg and in this category, it is more in the mothers age group 25-29 (18.03%).

Table 2.13
Percentage distribution of live birth by age of mother and birth weight - 2018

Age of mother (years)	Birth weight (Kg)					Total
	<2.5	2.5-3	3-4	4+	Not stated	
<15	0	0	0	0	0	0
15-19	0.65	1.74	1.78	0.02	0.00	4.19
20-24	4.59	12.66	14.83	0.30	0.02	32.40
25-29	4.93	14.07	18.03	0.45	0.03	37.51
30-34	2.85	7.24	9.22	0.27	0.02	19.60
35-39	0.98	2.02	2.40	0.08	0.02	5.50
40-44	0.17	0.22	0.22	0.01	0.00	0.62
45 and above	0.04	0.01	0.01	0.01	0.01	0.08
Not stated	0.02	0.02	0.02	0.00	0.04	0.10
Total	14.23	37.98	46.51	1.14	0.14	100

Chart-2.13(i) Percentage distribution of Live Birth by birth weight-2018

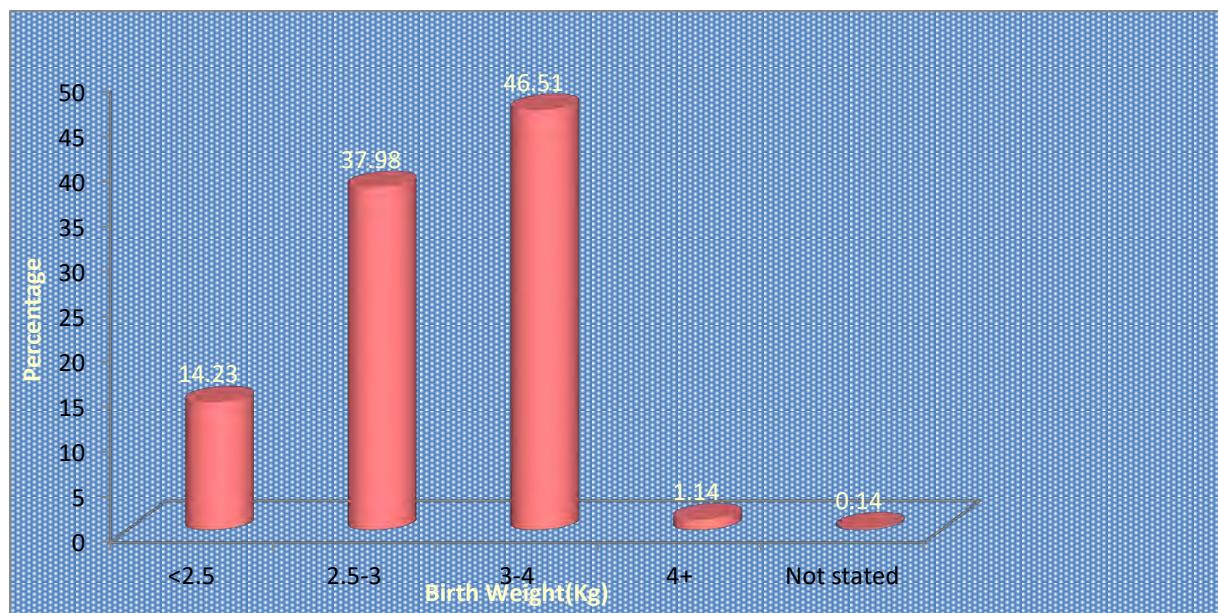
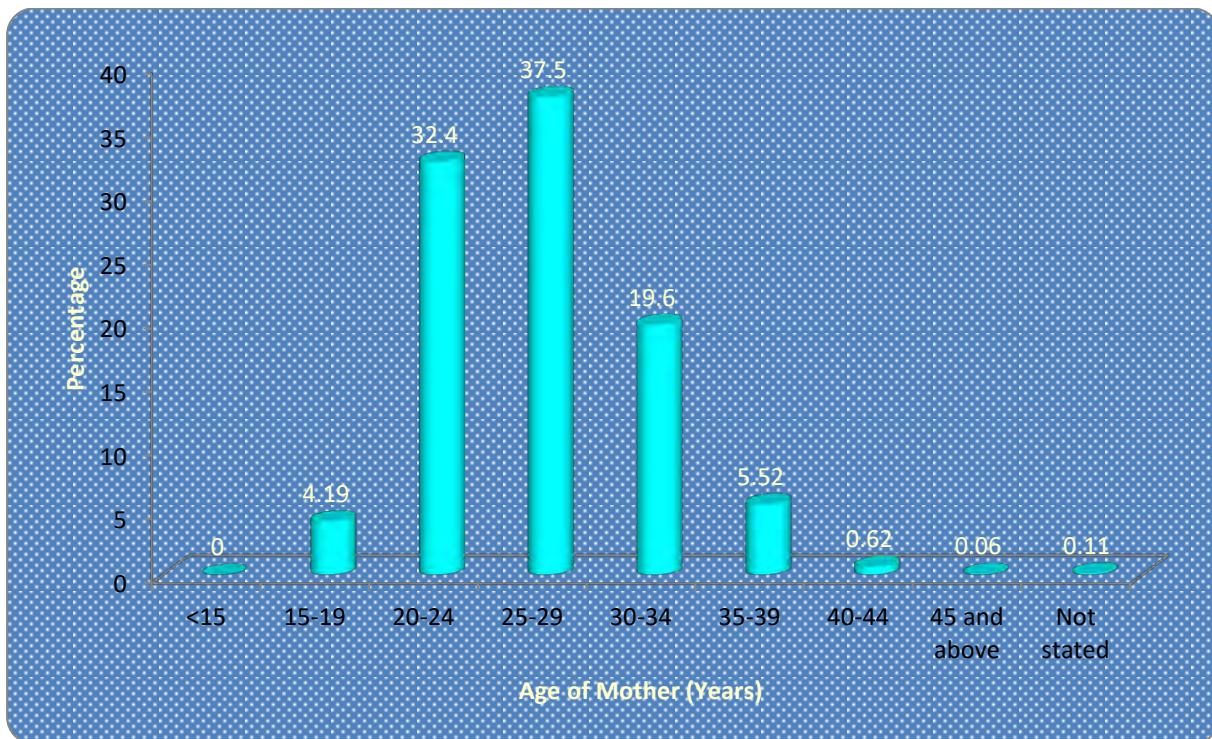


Chart-2.13(ii) Percentage distribution of Live Birth by age of Mother-2018



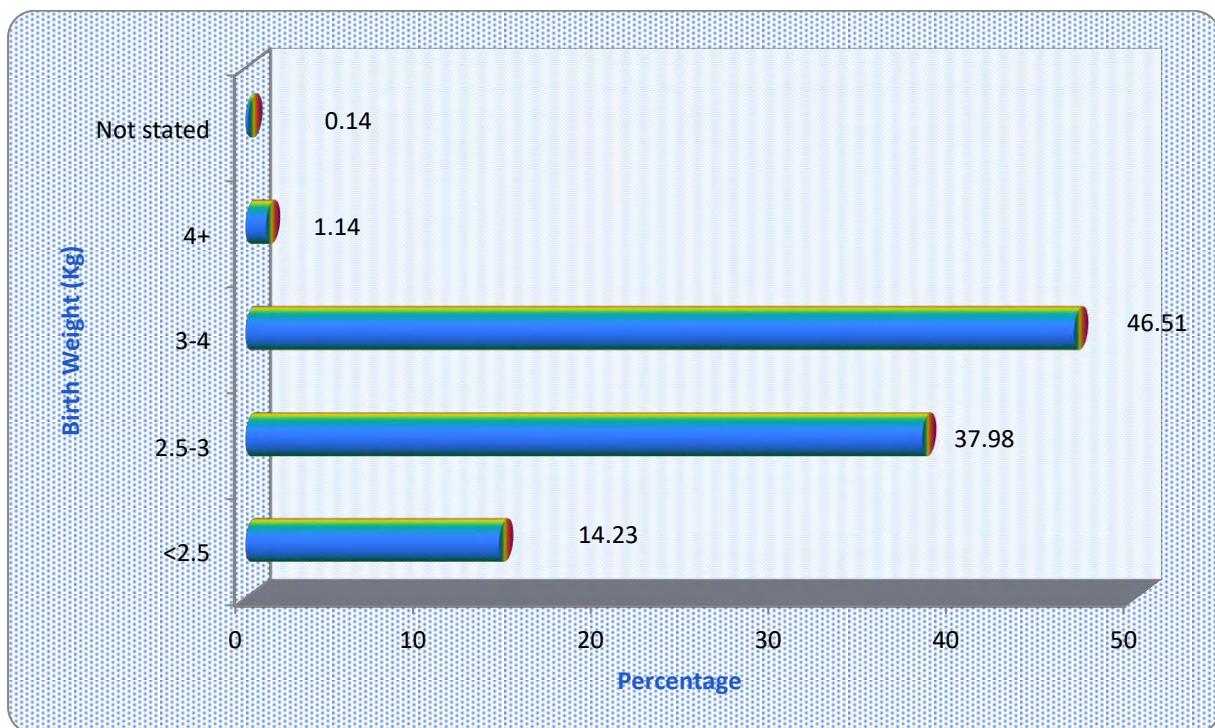
2.14 Live birth by birth order and birth weight

Table 2.14 gives the percentage distribution of live births by birth order and birth weight. In all the birth orders, majority of birth falls in the category of birth weight 3-4. Kg

Table – 2.14
Percentage distribution of Live Birth by birth order and birth weight-2018

<i>Birth order</i>	<i>Birth weight (Kg)</i>					
	<i><2.5</i>	<i>2.5-3</i>	<i>3-4</i>	<i>4+</i>	<i>Not stated</i>	<i>Total</i>
1	6.61	17.58	20.52	0.44	0.04	45.19
2	5.19	14.19	17.6	0.43	0.02	37.43
3	1.87	4.88	6.43	0.19	0.01	13.38
4+	0.54	1.28	1.91	0.08	0.01	3.82
<i>Not stated</i>	0.02	0.05	0.05	0	0.06	0.18
Total	14.23	37.98	46.51	1.14	0.14	100

Chart-(2.14)-Percentage distribution of Live Birth by birth weight-2018



Chapter -3 **Analysis of Vital Events – Deaths**

3.1. Registered Deaths

In 2018, a total of 258530 deaths were registered in the state. The following Table 3.1(i) provides the percentage distribution of registered deaths in the state by sex. Out of the total registered deaths, males constitute 55.24% (142803) and females constitute 44.76% (115719) which shows that male deaths registered during 2018 were more than that of female death.

The Rural /Urban classification reveals that out of total deaths registered during the year 2018, rural area represents 63.18% and that of urban area is 36.82%. Table 3.1(ii) shows the percentage distribution of deaths by the area of registration.

Table - 3. 1(i)
Percentage Distribution of deaths by sex, Kerala-2018

Sex	No of registered deaths	%
Male	142803	55.24
Female	115719	44.76
Sex not stated	8	0.00
Total	258530	100

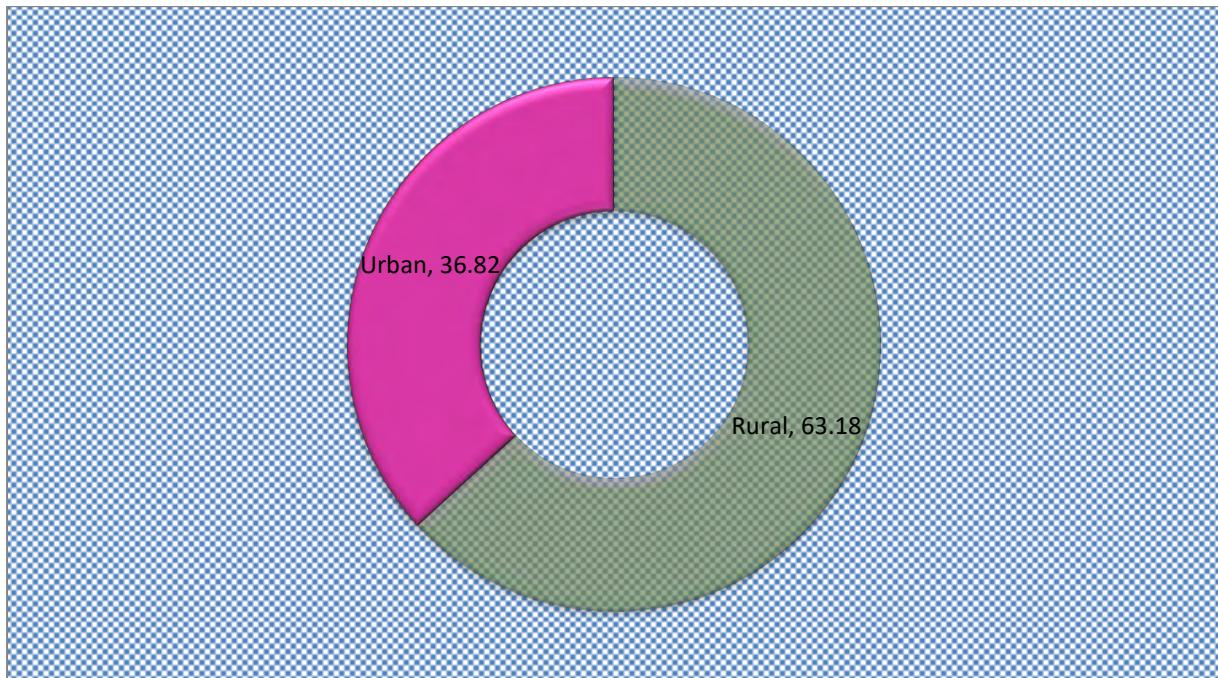
Chart-3.1(i)-Percentage Distribution of deaths by sex, Kerala-2018



Table - 3. 1(ii)
Percentage Distribution of deaths by Rural & Urban, Kerala-2018

Rural/Urban	No of registered deaths	%
Rural	163346	63.18
Urban	95184	36.82
Total	258530	100

Chart-3.1(ii)-Percentage Distribution of deaths by Rural & Urban, Kerala-2018



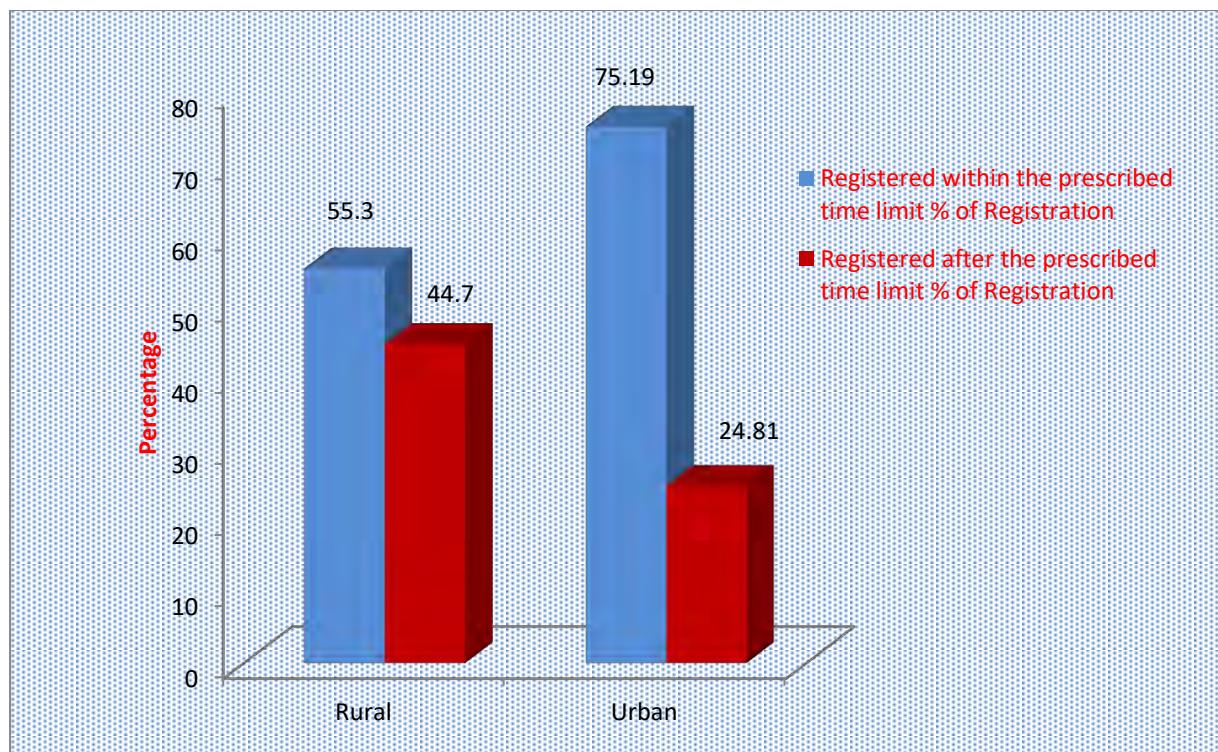
3.2. Time Gap in Registration

During the year 2018, out of 258530 deaths registered, 161891 deaths (62.62%) were registered within the prescribed time limit (within 21 days of occurrence) and the remaining 96639 deaths (37.38%) registered after the prescribed time period. Percentage of registration within the prescribed time limits of 21 days in Rural and urban areas are 55.30% and 75.19% respectively. Similarly the percentage of delayed registration in rural and urban areas is 44.7% and 24.81% respectively. Detailed report is presented in Tables D3(i), D3(ii) & D3(iii).

Table - 3. 2
Time Gap in Registration of deaths by Area-2018

Rural/ Urban	No of registered deaths	Registered within the prescribed time limit		Registered after the prescribed time limit	
		No. of Deaths	% of Registration	No. of Deaths	% of Registration
Rural	163346	90325	55.30	73021	44.70
Urban	95184	71566	75.19	23618	24.81
Total	258530	161891	62.62	96639	37.38

Chart –(3.2) -Time Gap in Registration of deaths by Area -2018



3.3. Deaths by month of occurrence

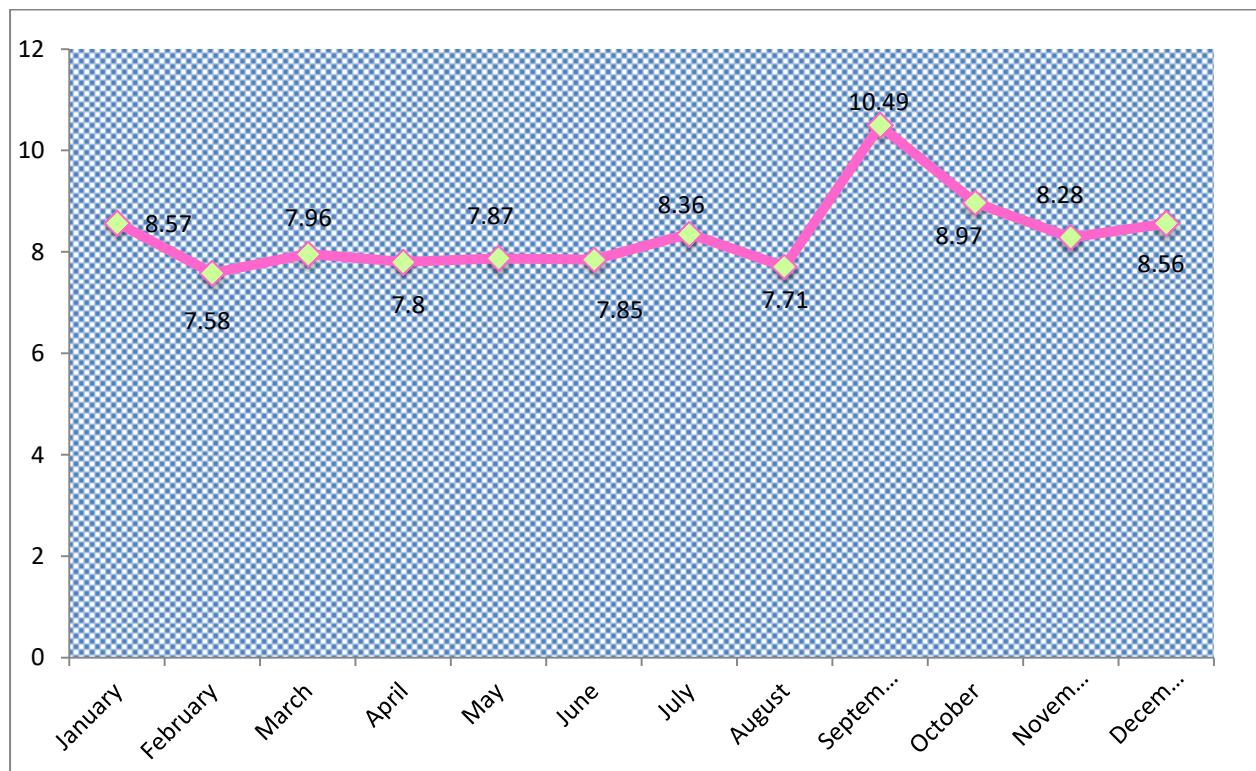
In 2018, highest number of deaths occurred in the month of September with 27111 (10.49%) of the total deaths in the State. It was followed by the months of October (8.97%), January (8.57%), and December (8.56%). The month of February had the least number of deaths (7.58%).

Following Table 3.3 gives the number of registered deaths according to the month of occurrence.

Table - 3.3
Percentage Distribution of deaths by the months of occurrence -2018

Months	No of deaths registered	Percentage
January	22165	8.57
February	19584	7.58
March	20575	7.96
April	20168	7.80
May	20353	7.87
June	20289	7.85
July	21626	8.36
August	19930	7.71
September	27111	10.49
October	23200	8.97
November	21398	8.28
December	22131	8.56
Total	258530	100

Chart (3.3)-Percentage Distribution of Deaths by the months of occurrence - 2018



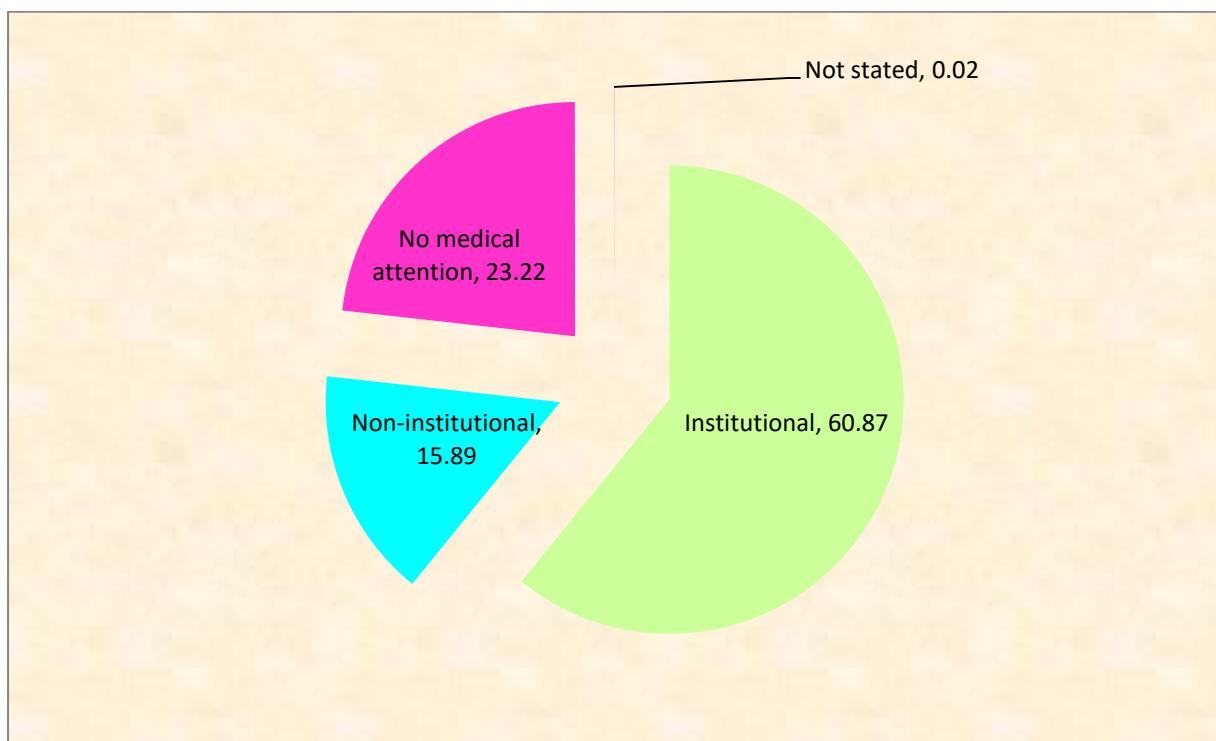
3.4. Medical attention received at the time of death

Table 3.4(i) and 3.4(ii) shows the percentage distribution of medical attention, received by the deceased at the time of death. It is evident from the Table 3.4(i) is that 60.87% of total registered deaths have occurred in institutions and 15.89% in Non Institutions. Out of 60.87% of institutional deaths, 32.03% of deaths were reported from rural areas and 28.84% deaths from urban areas. Similarly in the case of 15.89% of Non-institutional deaths, share of rural and urban sectors are 12.67% and 3.22% respectively. It is also seen that percentage of events in rural area is higher than that of urban area. Another feature observed is that 23.22% of deceased have not received any medical attention at the time of death.

Table - 3.4(i)
Percentage Distribution of deaths by type of Medical attention received at the time of death- 2018

Rural/Urban	Institutional	Non-institutional	No medical attention	Not stated	Total
Rural	32.03	12.67	18.47	0.01	63.18
Urban	28.84	3.22	4.75	0.01	36.82
Total	60.87	15.89	23.22	0.02	100.00

Chart-3.4(i)-Percentage Distribution of deaths by type of medical attention at death Kerala-2018



The following table 3.4(ii) and Chart 3.4.ii(a) and 3.4.ii (b) presents the percentage distribution of deaths by type of medical attention at the time of death for rural and urban sector separately. It is seen that out of 163346 deaths in rural areas, 50.70 per cent of deaths occurred at institutions and 20.06 per cent at non institutions. Similarly out of 95184 deaths in urban areas, share of deaths in institutions and non-institutions are 78.32 % and 8.75% respectively. Also, 29.23 per cent of deaths in rural areas and 12.90% of deaths in urban areas have no medical attention received at the time of death.

Table - 3.4(ii)

Percentage Distribution of deaths (Rural/Urban) by type of medical attention at death -2018

Rural/Urban	Institutional	Non-institutional	No medical attention	Not stated	Total
<i>Rural</i>	50.70	20.06	29.23	0.01	100
<i>Urban</i>	78.32	8.75	12.90	0.03	100

Chart -3.4.ii(a)- Percentage Distribution of deaths by type of medical attention at death- Rural-2018

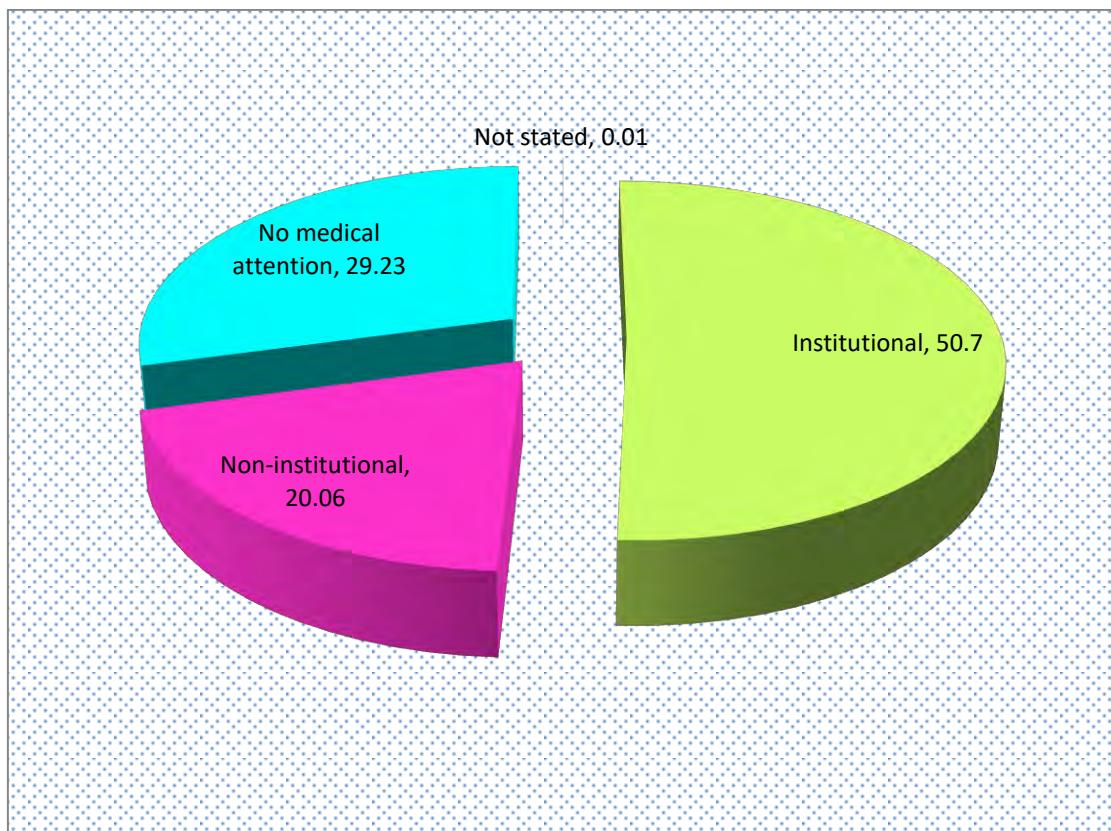
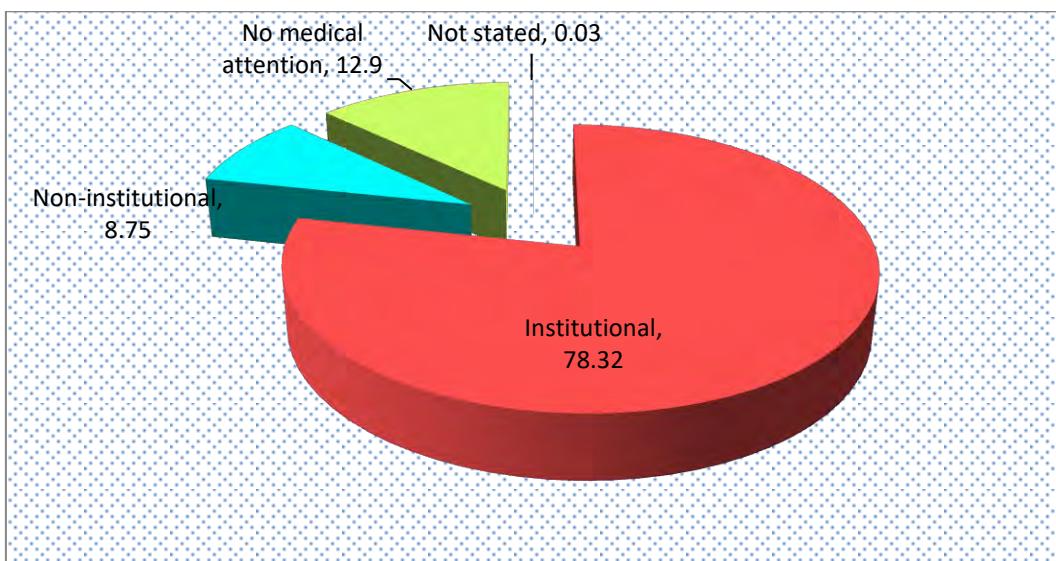


Chart-3.4.ii (b)- Percentage Distribution of deaths by type of medical attention at death-Urban-2018



3.5. Deaths by age and sex

The table -3.5 given below shows the percentage of death in different age group by sex. Among different age groups, highest percentage of death (57.09%) was in the age group 70+ years followed by 15.22% in the age group 55-64 years and 11.53% in the age group 65-69 years. It can be seen that percentage of male deaths is higher than that of females in all the age groups except in 70+ age group where in this category, percentage of female deaths is higher than that of male deaths.

**Table – 3.5
Percentage Distribution of deaths by age and sex -2018**

Age	Male	Female	Not Reported	Total
<1	0.6	0.47	0	1.07
1-4	0.13	0.1	0	0.23
5-14	0.2	0.16	0	0.36
15-24	0.87	0.37	0	1.24
25-34	1.28	0.5	0	1.78
35-44	2.37	0.99	0	3.36
45-54	5.49	2.46	0	7.95
55-64	10.22	5	0	15.22
65-69	7.29	4.24	0	11.53
70+	26.7	30.39	0	57.09
Age not stated	0.08	0.09	0	0.17
Total	55.23	44.77	0	100

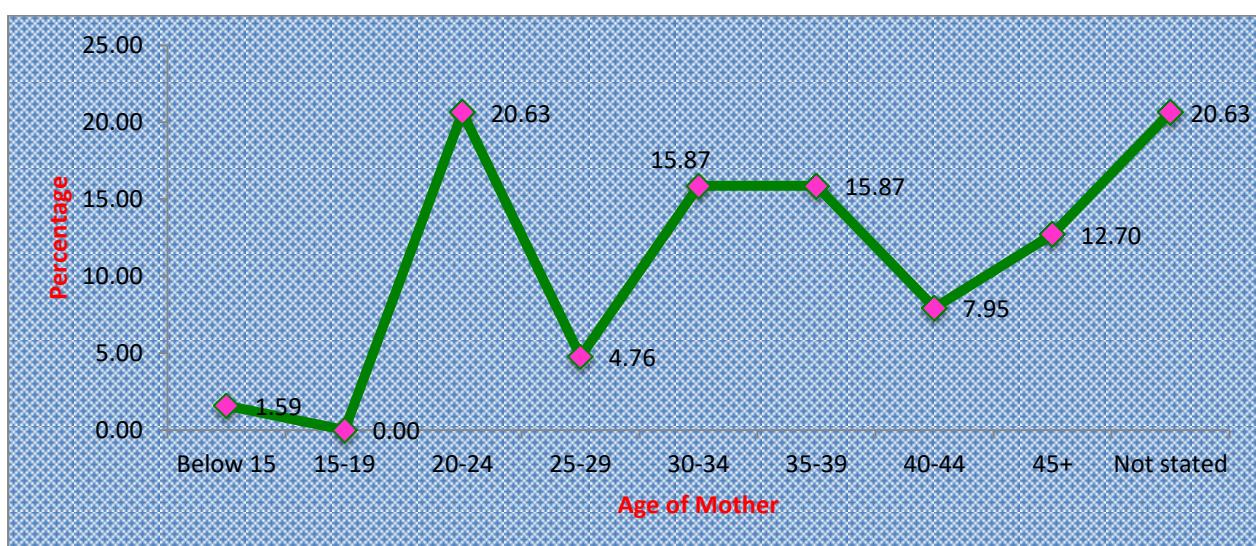
3.6. Maternal Deaths by age of Mother

Maternal Death means death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes. The following table 3.6 shows the percentage distribution of maternal death during the year 2018. While considering the maternal death occurred in different age groups, it reveals that out of total maternal deaths registered, highest percentage (20.63%) of maternal deaths have been reported in the age group “20-24”, followed by the age group 30-34& 35-39 (15.87%) and the age group 45+ (12.70%).

Table -3.6
Percentage distribution of maternal death by age-2018

Age of mother	Number of maternal death	%
Below 15	1	1.59
15-19	0	0.00
20-24	13	20.63
25-29	3	4.76
30-34	10	15.87
35-39	10	15.87
40-44	5	7.95
45+	8	12.70
Not stated	13	20.63
Total	63	100

Chart-3.6-Percentage distribution of maternal death by age



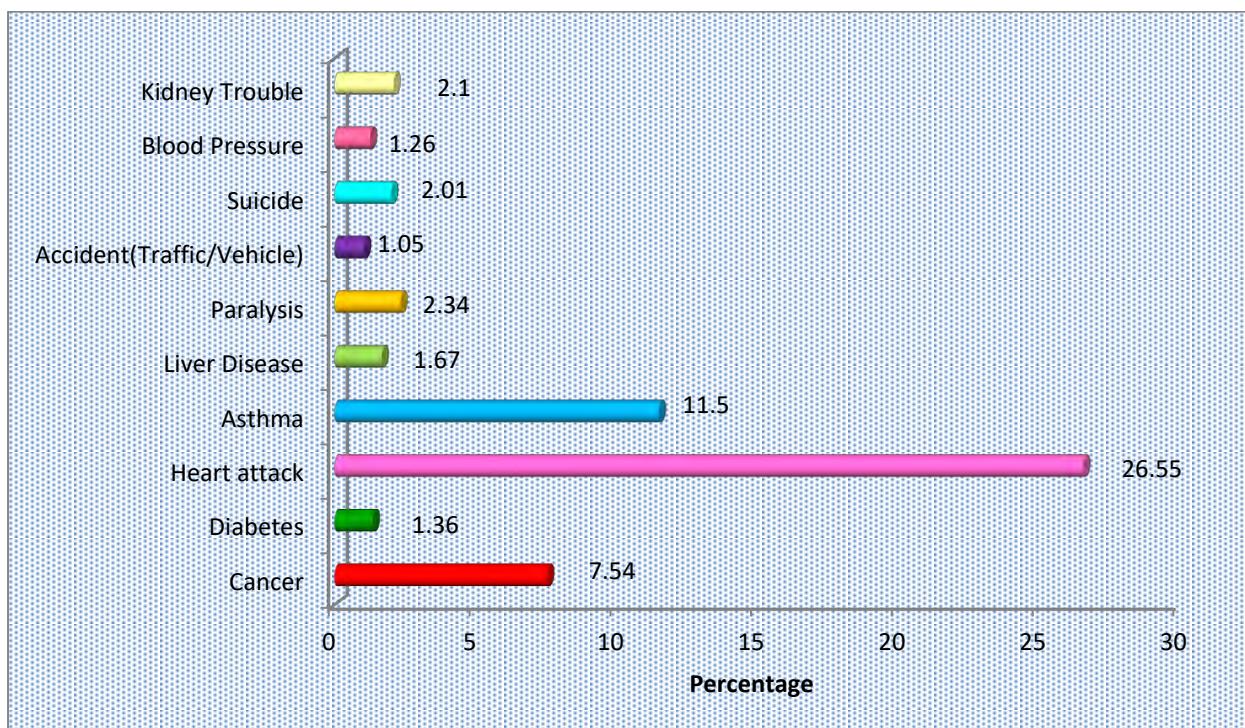
3.7. Cause of Deaths by age and sex

The following table 3.7 presents the details of top 10 leading causes of death in the State during the year 2018. Overall, the leading cause of death is Heart attacks, followed by Asthma and Cancer. Out of 258530 registered deaths, percentage of deaths due to Heart attacks is 26.55%, followed by Asthma (11.50%), Cancer (7.54%), Paralysis (2.34%), Kidney Trouble (2.1%) & Suicide (2.01%). It can be observed that percentages of suicidal deaths are higher for males than that of females. The Percentage of registered deaths due to accident was 1.05%.

Table - 3.7
Percentage distribution of death by sex and some cause of deaths -2018

Cause of death	Male	Female	Total
Cancer	4.47	3.07	7.54
Diabetes	0.62	0.74	1.36
Heart attack	15.92	10.63	26.55
Asthma	5.88	5.62	11.5
Liver Disease	1.16	0.51	1.67
Paralysis	1.15	1.19	2.34
Accident(Traffic/Vehicle)	0.88	0.17	1.05
Suicide	1.61	0.4	2.01
Blood Pressure	0.55	0.71	1.26
Kidney Trouble	1.27	0.83	2.1

Chart- Percentage distribution of death by some causes of death-2018



Chapter - 4 **Analysis of Vital Events – Infant Deaths**

4.1. Registered Infant deaths

The infant deaths (death of a child less than one year old) registered by place of occurrence (Rural /Urban) of the event for the year 2018 has been given in Table 4.1(i). It may be observed that the share of rural area is only 34.25% while that of urban area is 65.75% in total registered infant deaths during the year. At the state level, the percentage share of infant deaths to total deaths in the year 2018 is 1.07%

Also, the Table 4.1.(ii) shows the Percentage distribution of infant deaths by sex. It is seen that out of 2777 infant deaths, male death is 1558 (56.10%), where as that of female death is 1213 (43.68%) and the remaining 6 deaths(0.22%), sex is not reported. The share of female infant deaths in total female deaths is 1.09% while the same for male is 1.05%.

Table-4.1(i)
Percentage distribution of infant deaths by place of occurrence-2018

Place of occurrence	No .of registered deaths	No .of registered infant deaths	% Share of Registered Infant Deaths by Place of Occurrence	% of Registered Infant Deaths to Total Registered Deaths
Rural	163346	951	34.25	0.58
Urban	95184	1826	65.75	1.92
Total	258530	2777	100.00	1.07

Chart-4.1(i)-Percentage distribution of infant deaths (Rural/Urban) 2018

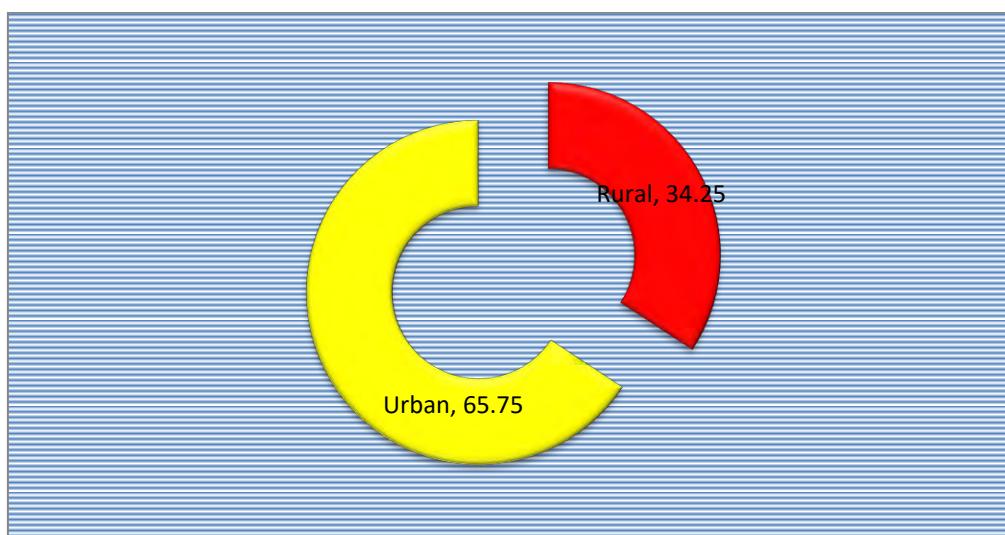
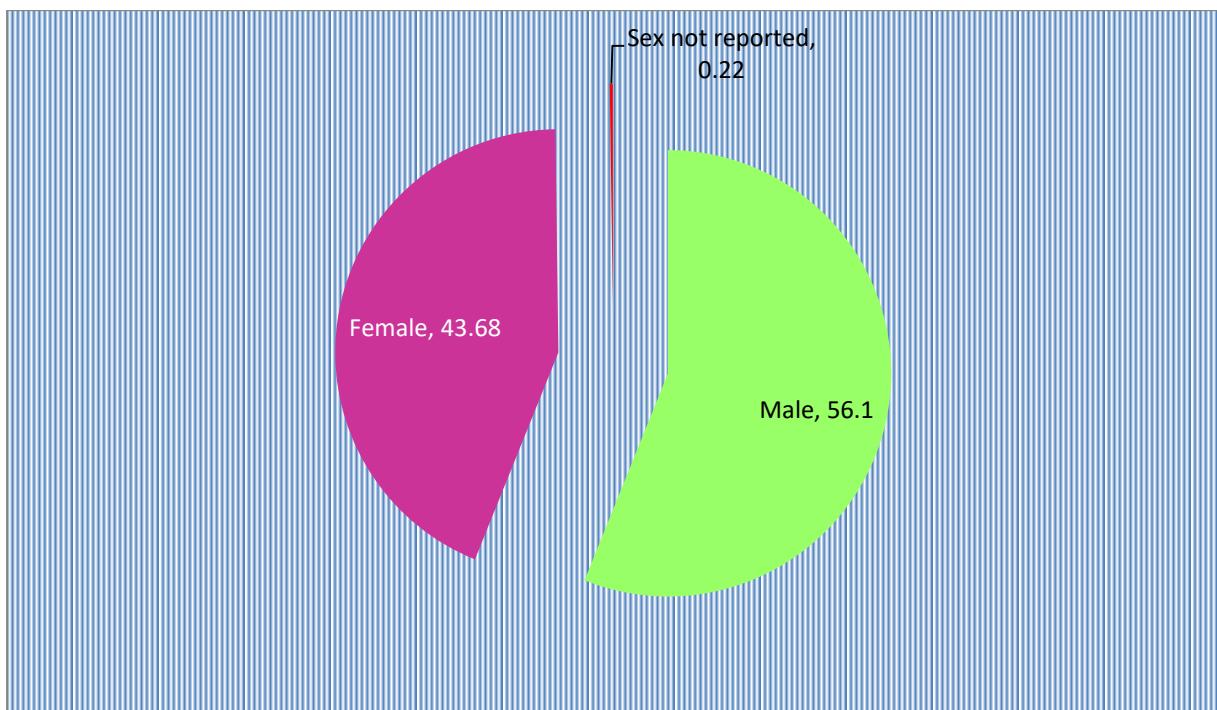


Table-4.1.(ii) Percentage distribution of infant deaths by sex in Kerala 2018

Sex	No. of Registered deaths	No. of registered infant deaths	% Share of Registered Infant Deaths by sex	% Share of Registered Infant Deaths to Total registered Deaths
Male	142803	1558	56.10	1.09
Female	115719	1213	43.68	1.05
Sex not reported	8	6	0.22	75.00
Total	258530	2777	100	1.07

Chart(4.1.ii)- Percentage distribution of infant deaths by sex in Kerala-2018



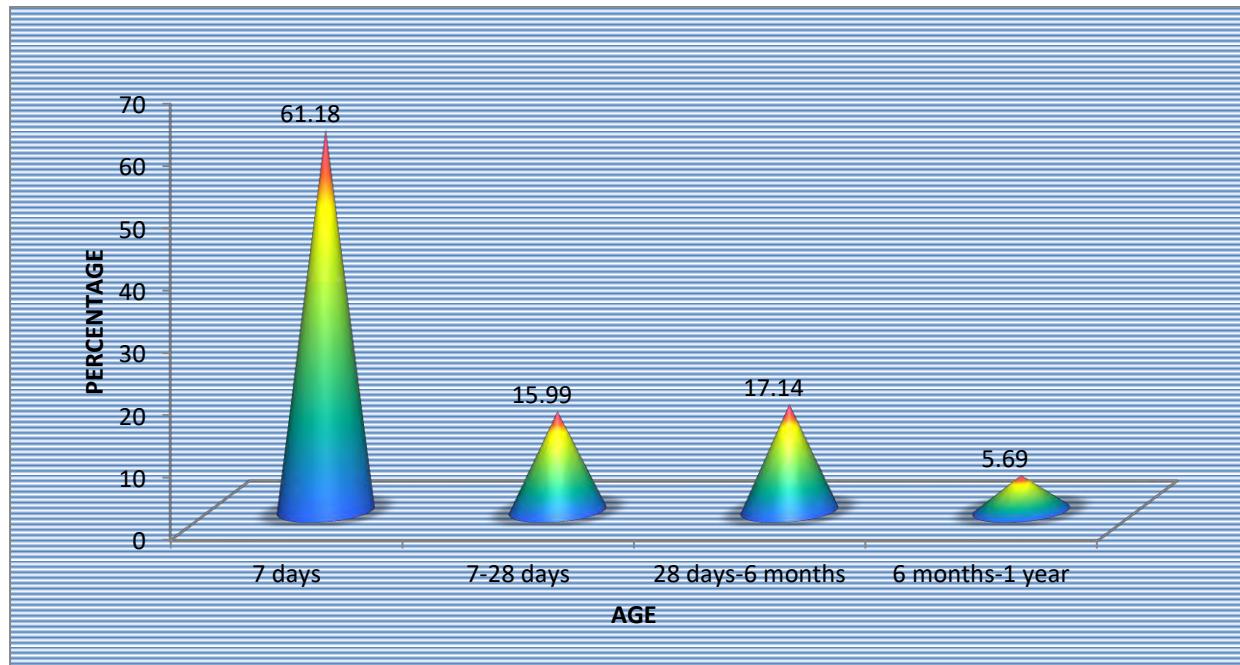
4.2. Infant Deaths by age

Percentage distribution of infant death by age group is presented below in Table 4.2. The data reveals that 61.18% of infant deaths have been occurred to the infants aged less than seven days. 15.99% of infant death belongs to the age group 7-28 days and 17.14% belongs to the age group 28 days to 6 months. Majority of infant death occurred within 7 days of age. The similar pattern could be observed in Rural and urban areas also.

Table – 4.2
Percentage distribution of infant death by age -2018

Age	Rural	Urban	Total
7 days	19.55	41.63	61.18
7-28 days	5.80	10.19	15.99
28 days-6 months	6.37	10.77	17.14
6 months-1 year	2.52	3.17	5.69
Total	34.25	65.75	100.00

Chart-4.2-Percentage distribution of infant death by age -2018



Chapter -5 **Analysis of Vital Events – Still Births**

5.1. Registered Still births

The World Health Organization (WHO) defines a still birth as a baby born with no signs of life at or after 28 weeks' gestation. During the year 2018, a total of 2208 still births comprising of 1190 males, 998 female and 20 sex not reported were registered. The following table 5.1(i) shows the percentage distribution of registered still births by sex and the pictorial presentation is given in chart 5.1(i)

Also the Table 5.1(ii) given below presents the still births registered by place of occurrence (Rural /Urban) of the event for the year 2018. It may be observed that out of total registered still births, 29.66% is in rural areas and 70.34% in urban areas.

Table - 5.1(i)
Percentage distribution of registered still births by sex in Kerala-2018

Sex	Still births registered	%
<i>Male</i>	1190	53.89
<i>Female</i>	998	45.20
<i>Sex Not reported</i>	20	0.91
Total	2208	100

Chart-5.1(i)-Percentage distribution of registered still births by sex -2018

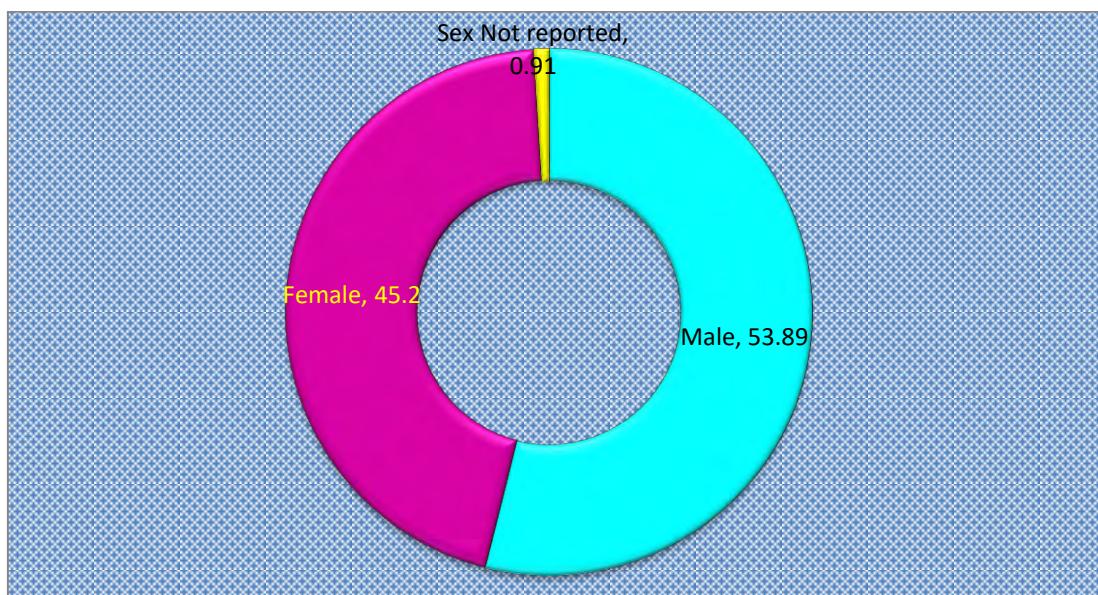
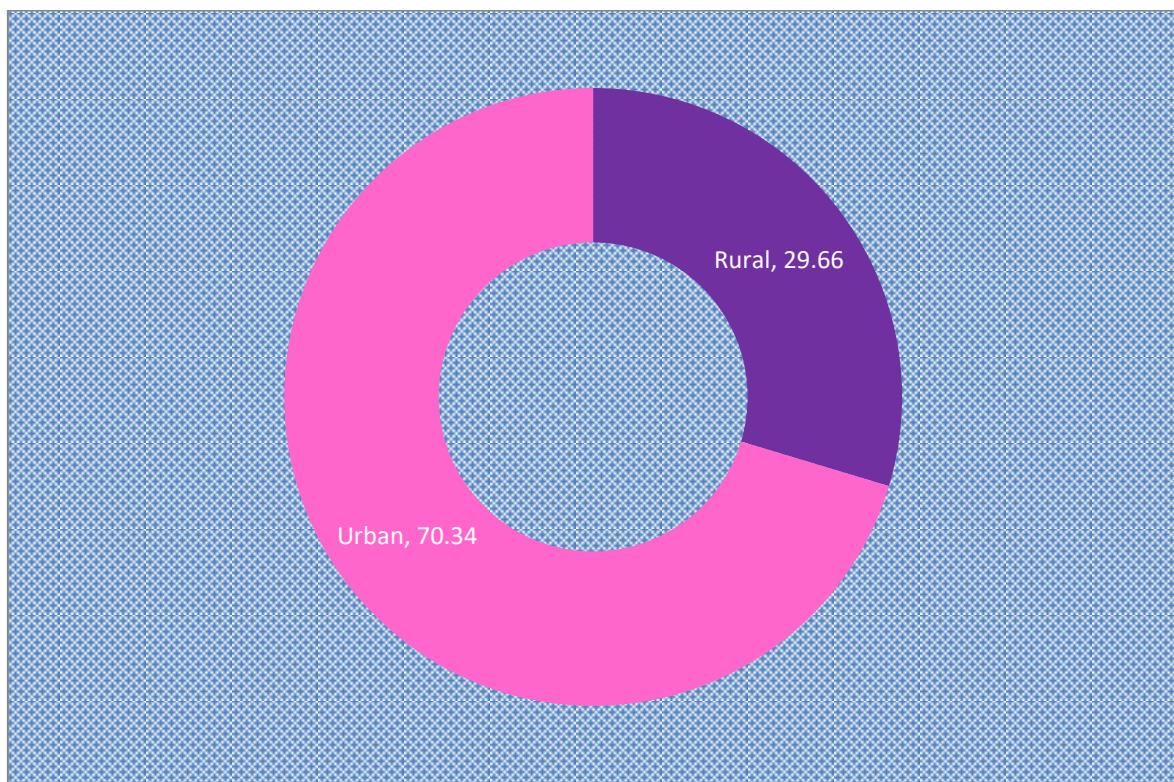


Table - 5.1(ii)

Percentage distribution of registered still births by Rural/Urban in Kerala-2018

Rural/Urban	Still births registered	%
<i>Rural</i>	655	29.66
<i>Urban</i>	1553	70.34
Total	2208	100

Chart-5.1(ii)-Percentage distribution of registered still births by Rural/Urban in Kerala-2018



5.2. Still births by age of mother

The following Table 5.2 shows the distribution of still births by age of mother at birth. It is seen that the highest percentage of still birth has been reported in the age group 25-29, followed by the age group 20-24, 30-34, 35-39 and for all other age groups, the number of still births are very low.

Table - 5.2

Percentage Distribution of Still Births -2018

<i>Age of mother</i>	<i>Still birth Registered</i>	<i>Percentage</i>
Below 15	0	0
15-19	89	4.03
20-24	539	24.41
25-29	642	29.08
30-34	438	19.84
35-39	192	8.70
40-44	20	0.91
45+	2	0.09
<i>Age not stated</i>	286	12.94
Total	2208	100

5.3 Still births by duration of pregnancy

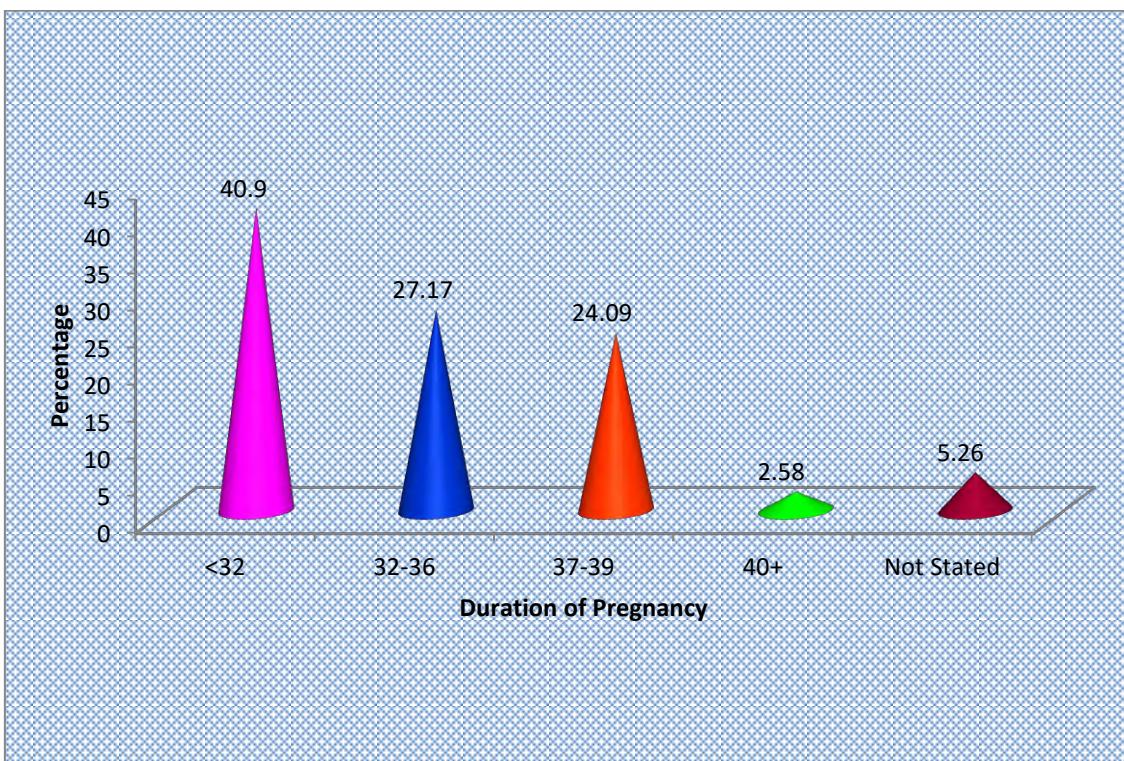
Percentage distribution of still births by duration of pregnancy is given below in Table 5.3. Highest percentage of still birth is reported under the category of pregnancy duration of less than 32 weeks(40.09%), followed by the period of 32-36 weeks(27.17%) and lowest in the pregnancy period of 40 or more weeks(2.58%). This data reveals that one of the predominant causes for still birth is due to premature delivery.

Table - 5.3

Percentage distribution of still births by duration of pregnancy -2018

<i>Duration of pregnancy</i>	<i>Still births registered</i>	<i>%</i>
<32	903	40.90
32-36	600	27.17
37-39	532	24.09
40+	57	2.58
<i>Not Stated</i>	116	5.26
Total	2208	100

Chart-5.3-Percentage distribution of still births by duration of pregnancy -2018



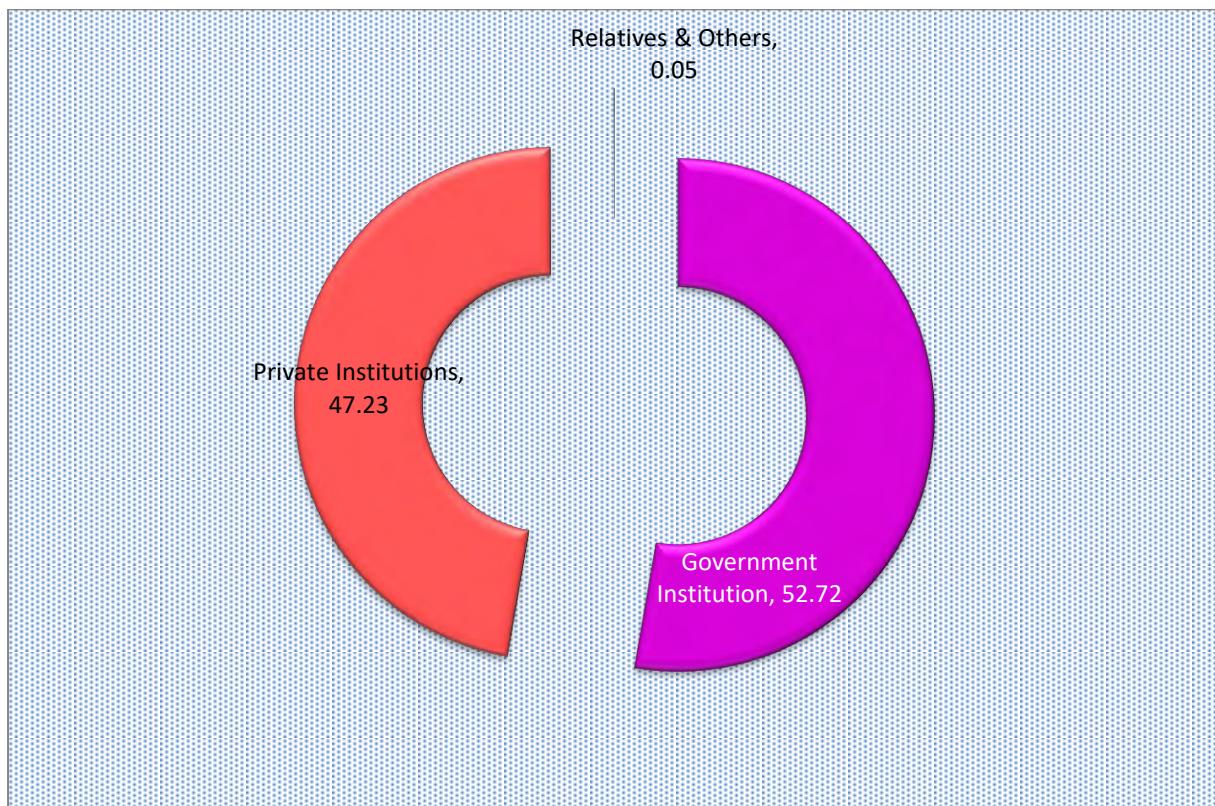
5.4. Still Births by type of medical attention received

Table 5.4 given below presents the percentage distribution of still births by type of medical attention received at the time of delivery. Out of 2208 stillbirths reported, 1164 (52.72%) still birth from Government institution and 1043 (47.23%) from private medical institutions during the year 2018.

Table - 5.4
Percentage distribution of still births by type of medical attention received at the time of Still Birth -2018

Type of medical attention	Still births registered	%
Government Institution	1164	52.72
Private Institutions	1043	47.23
Total	2207	99.95
Physician, Nurses and Midwife	0	0
Relatives & Others	1	0.05
Not Stated	0	0
Total	2208	100

Chart-5.4-Percentage distribution of still births by type of medical attention received at the time of Stillbirth-2018



Chapter -6

Analysis of Vital Rates

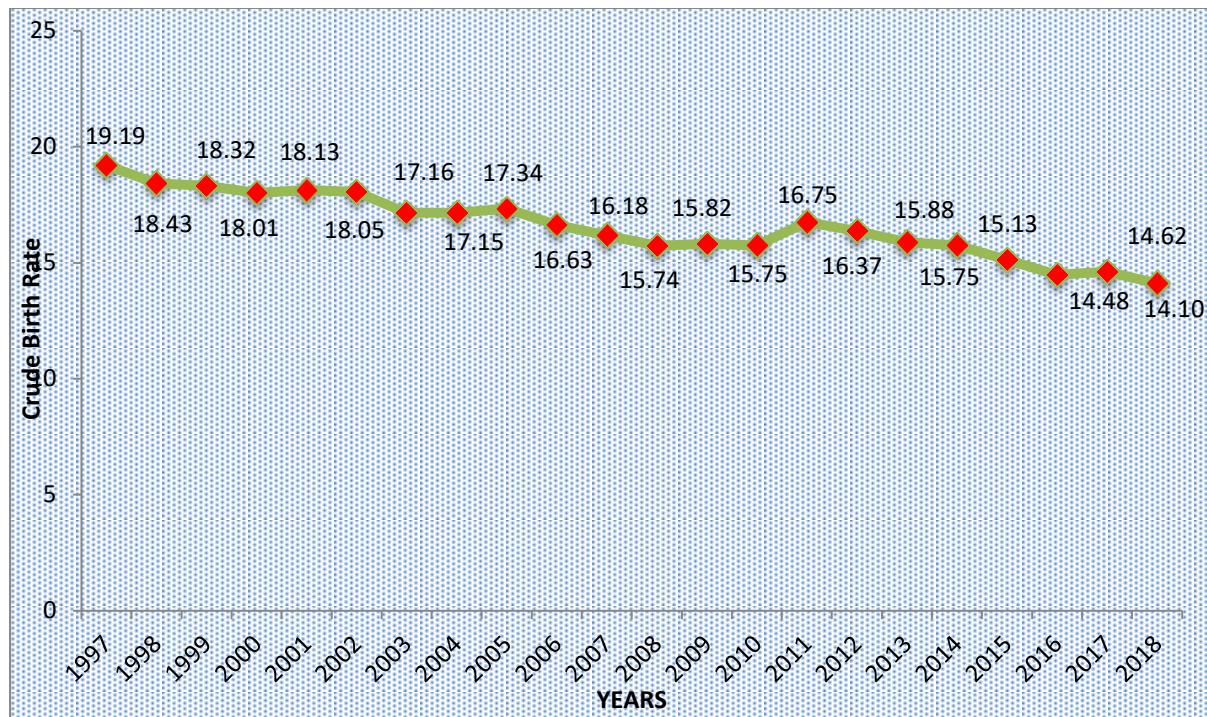
6.1 Sex Ratio at Birth (SRB)

The Sex Ratio at Birth is defined as the number of female live births per 1,000 male live births and it is an important indicator to map the sex differential of the population at the beginning of their life. Sex Ratio at birth for the year 2018 is 963 where as it was 964 for the year 2017. Among the districts, highest SRB has been reported in Wayanad (1005) and the lowest in Kottayam (946).

6.2 Crude Birth Rate (CBR)

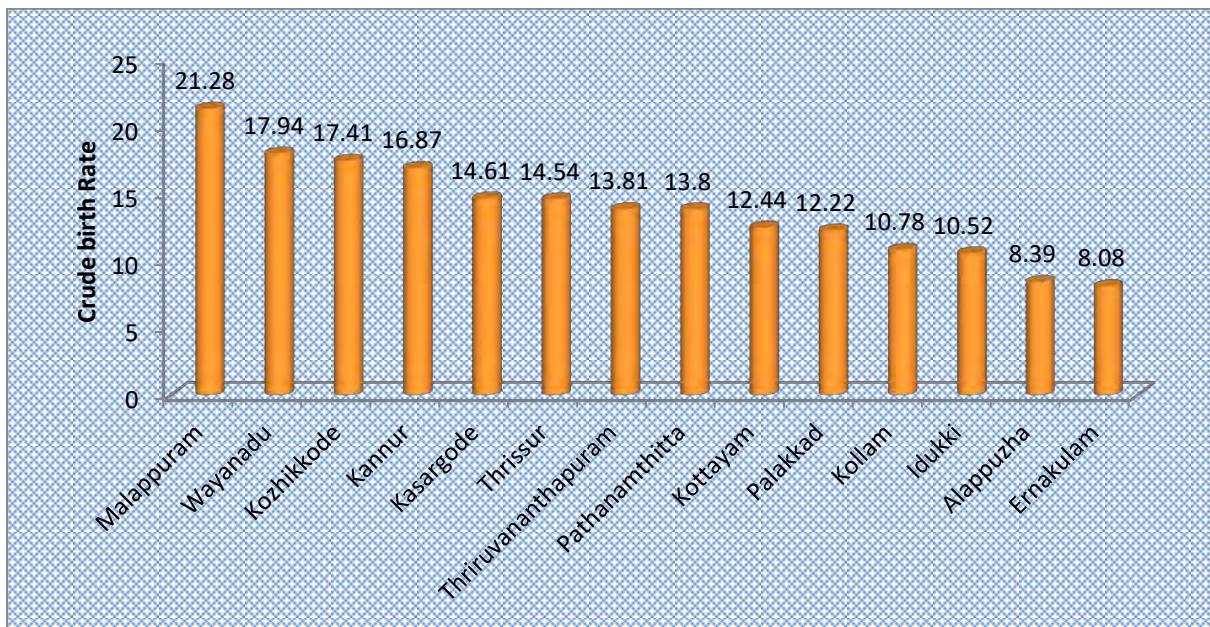
The Crude Birth Rate is the number of live births occurring among the population of a given geographical area during a given year, per 1,000 population of the given geographical area during the same year. CBR is the number of live births in a year per 1000 population and it shows the growth or decline of population in a region. During the year 2018, the CBR is 14.10, whereas it was 14.62 during 2017, which shows a marginal decrease of 0.52. Generally, Crude Birth Rate in the State shows a decreasing tendency. A declining trend has been observed in the CBR during 1997-2018 from the chart below.

Chart-6.2(i)-Trend in Crude Birth Rate –Kerala (1997-2018)



The graphical representation of birth rate of districts in the State during the year 2018 is depicted in the following chart-6.2(ii). The District wise analysis of the vital events shows that the highest birth rate was recorded in respect of Malappuram district (21.28), followed by Wayanad (17.94,) Kozhikkod (17.41) and the lowest in Ernakulum (8.08).

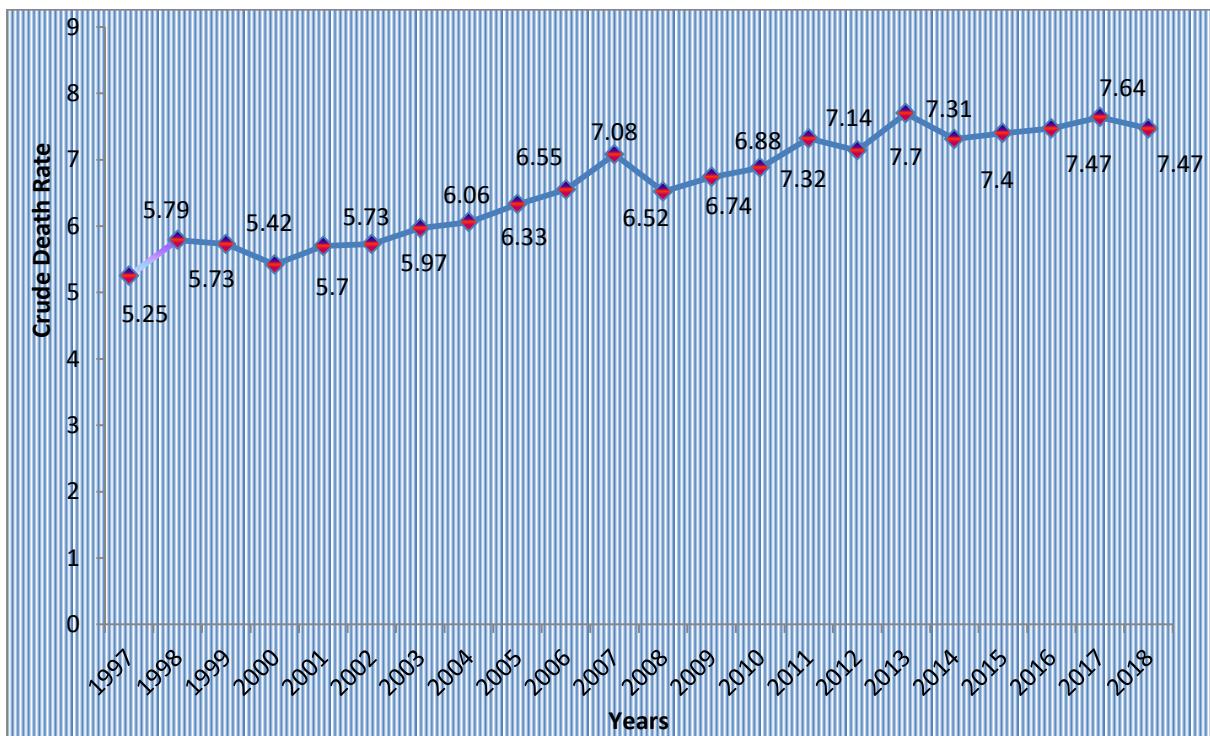
Chart 6.2(ii):- District wise Birth Rate – 2018



6.3 Crude Death Rate (CDR)

Crude Death Rate (CDR) is the total number of deaths per year per 1,000 population. The Crude Death Rate (CDR) of the State during past 22 years is presented in the chart given below. From the chart given below, it is observed that the CDR was 7.32 in 2011 and it increased to 7.47 in 2018.

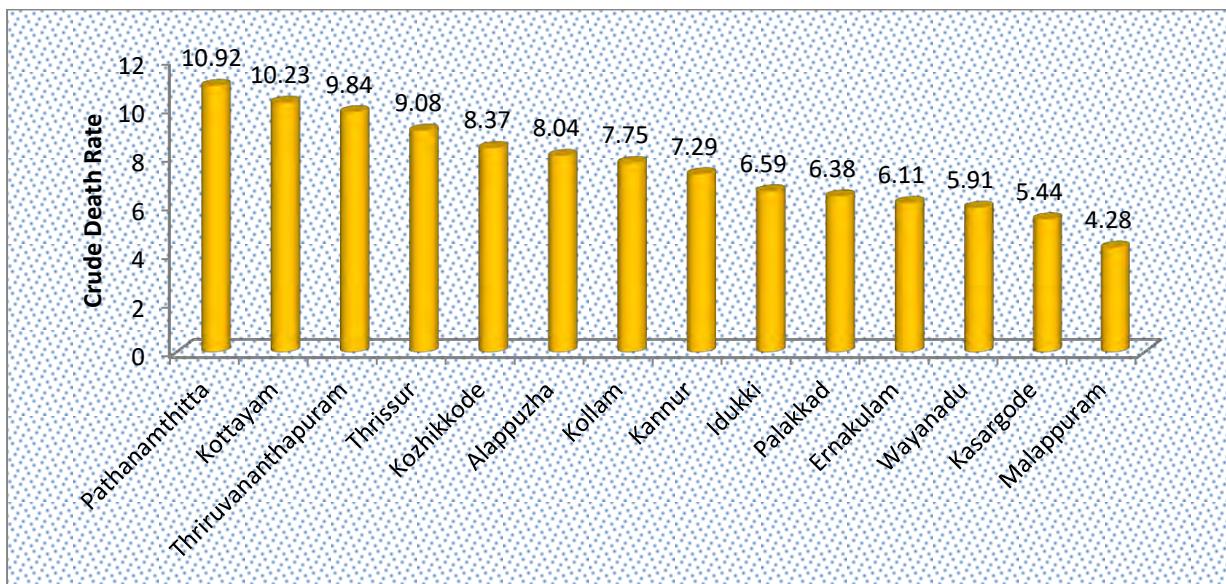
Chart-6.3-Crude Death Rate (1997-2018)



6.4 District Wise Death Rate

District wise death rates are shown in the chart below. Among the districts the highest death rate 10.92 was recorded in Pathanamthitta followed by Kottayam (10.23) and the lowest in Malappuram (4.28)

Chart-6.4- District Wise Death Rate 2018

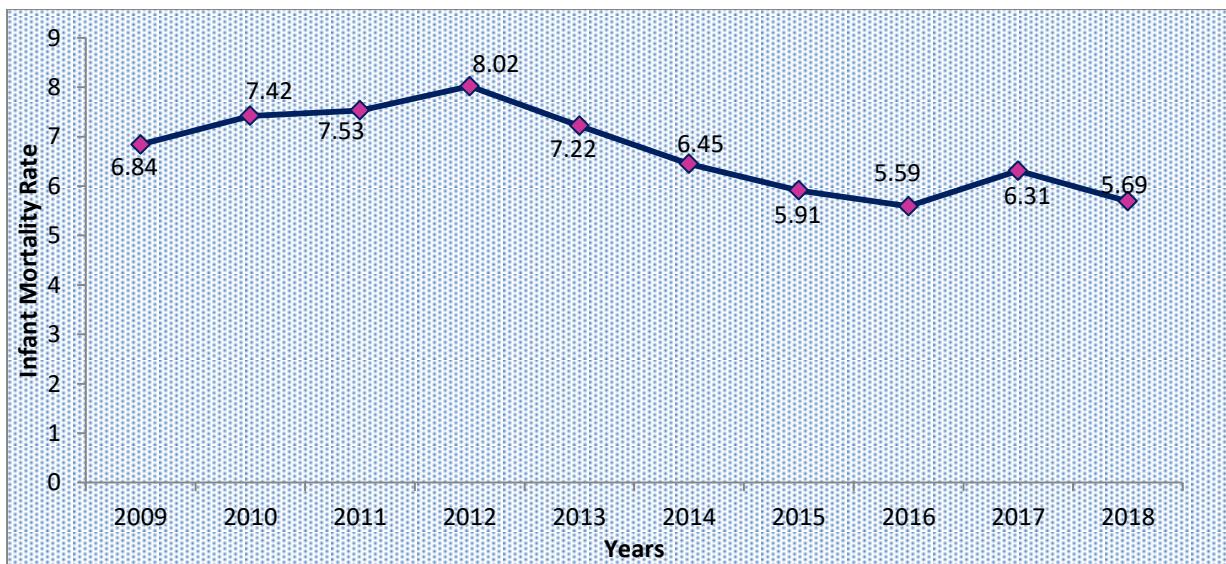


6.5 Infant Mortality Rate (IMR)

Infant Mortality Rate is defined as the infant deaths (deaths of a child less than one year old) per thousand live births. Infant mortality rate is a widely used indicator as it provides valuable insights into the health infrastructure and health status of a country.

Infant Mortality of the State during 2018 was 5.69 where as it is 6.31 during 2017. IMR of the state during the past 10 years is given in the chart. It is evident from the chart that IMR has decreased from 6.84 in 2009 to 5.69 in 2018.

Chart-6.5-Infant Mortality Rates (2009-2018)



6.5.1 Infant Mortality Rate-District wise

The Table 6.5.1 given below presents the District wise and Sex wise Infant Mortality Rate for the year 2018. Among the districts, it varies from 1.53 in Kollam to 12.32 in Kozhikkode. It is seen that IMR of Male is higher than female in all districts except in Kollam, Idukki & Kasargod.

Table – 6.5.1

District wise IMR by sex

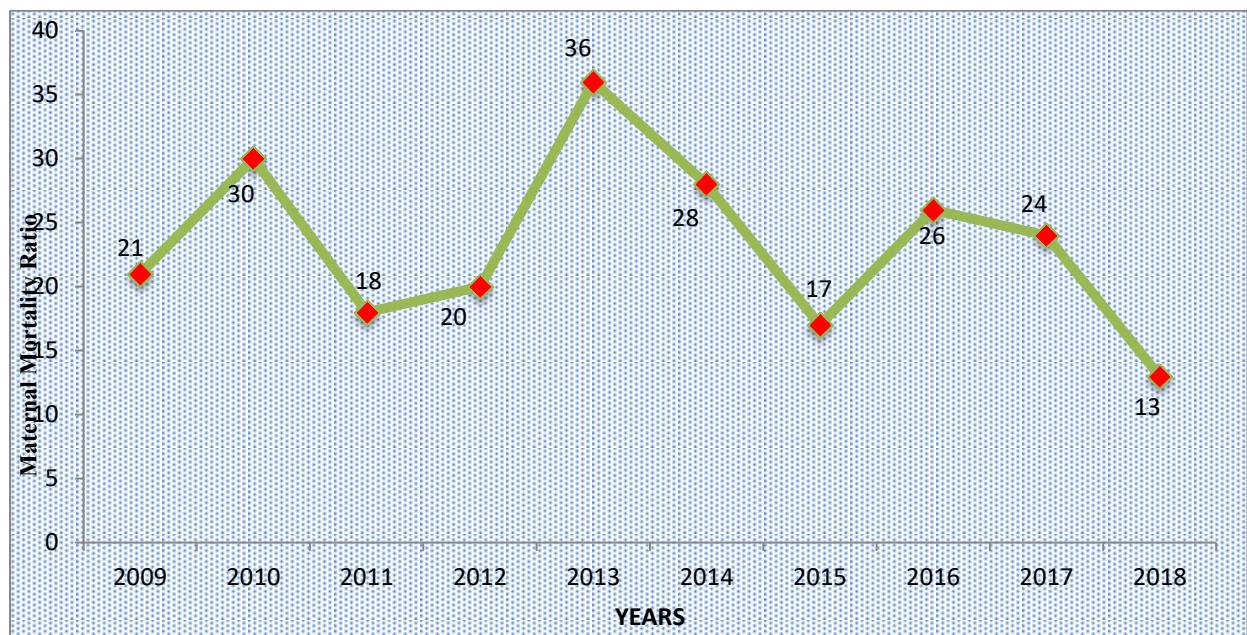
District	Male	Female	Total
<i>Thiruvananthapuram</i>	10.76	9.73	10.30
<i>Kollam</i>	1.22	1.86	1.53
<i>Pathanamthitta</i>	5.47	4.28	4.89
<i>Alappuzha</i>	3.20	2.57	2.89
<i>Kottayam</i>	9.46	6.58	8.06
<i>Idukki</i>	1.19	2.13	1.83
<i>Ernakulam</i>	5.41	4.47	4.98
<i>Thrisuur</i>	8.42	6.55	7.50
<i>Palakkad</i>	2.77	2.49	2.63
<i>Malappuram</i>	3.82	2.96	3.40
<i>Kozhikkode</i>	14.30	10.25	12.32
<i>Wayanad</i>	3.83	3.15	3.49
<i>Kannur</i>	4.19	3.65	3.94
<i>Kasaragode</i>	3.20	3.60	3.40
Total	6.27	5.07	5.69

6.6. Maternal Mortality Ratio (MMR)

Maternal Death means death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes. Maternal Mortality Ratio (MMR) is defined as the ratio of the number of maternal deaths during a given time period per 1,00,000 live births during the same time period. The MMR is used as a measure of the quality of a health care system.

Maternal Mortality Ratio at state level for the year 2018 was computed as 13 where as it was 24 during 2017.

Chart 6.6. Maternal Mortality Ratio (MMR)

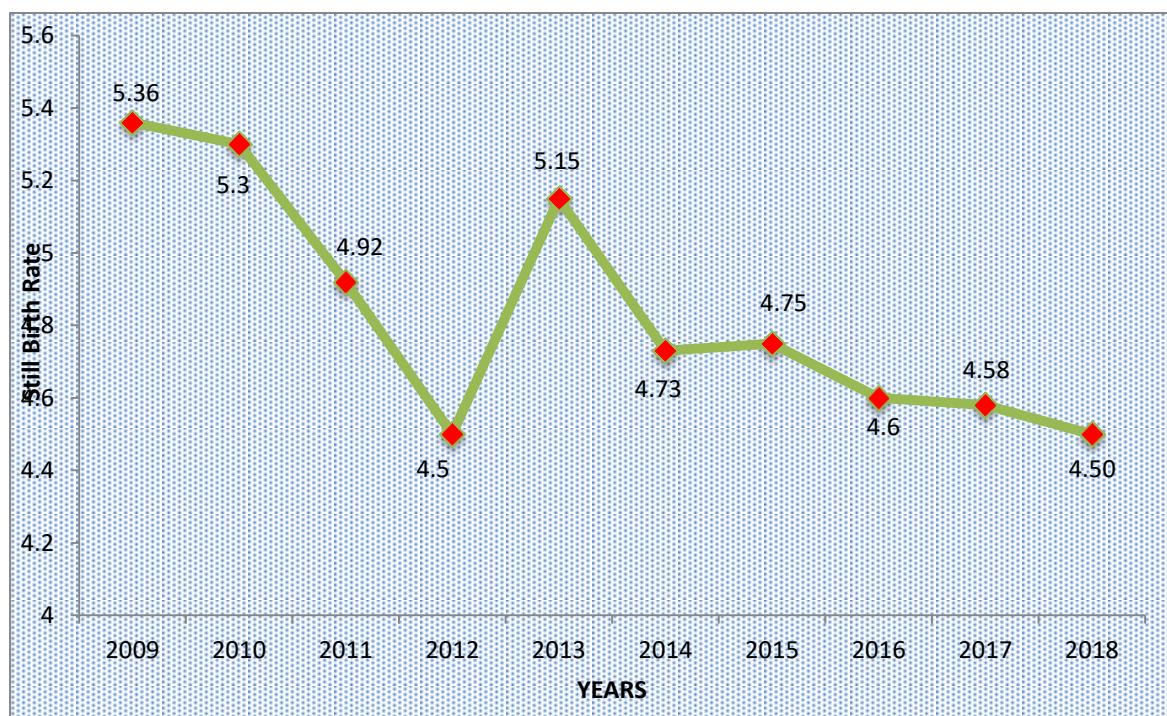


6.7 Still Birth Rate (SBR)

The World Health Organization (WHO) defines a still birth as a baby born with no signs of life at or after 28 weeks' gestation. SBR is estimated as the ratio of number of still births per one thousand live births and still births during the year.

The SBR came down to 4.50 in 2018 from 4.58 in 2017.

Chart 6.7 Still Birth Rate (SBR)



6.7. Conclusion

It is worthwhile to mention that CRS is the only source, which can provide vital rates below state level. Even though cent percentage registration has attained in the case of births, under registration of deaths still exist. Level of registration of maternal deaths and infant deaths are comparatively better. There is also need to correctly identify the maternal deaths for estimating the vital indicator MMR. All events of maternal deaths and infant deaths has to be registered to ensure accuracy of rates such as IMR, MMR etc., which are essential for health planning. Hence more care should be given to the proper implementation and monitoring of Civil Registration System.

TABLE - A1

District wise number of Units & Mid Year Population in 2018 (Rural &Urban)

Sl. No.	District	Rural		Urban		Total mid-year population (Rural+Urban)	Total No. of Registration Units (Rural+Urban)
		No. of Registration Units	*Mid-year population 2018	No. of Registration Units	*Mid-year population 2018		
1	Thiruvananthapuram	73	2166103	5	1189045	3355148	78
2	Kollam	68	2115135	5	544296	2659431	73
3	Pathanamthitta	53	1013372	4	158840	1172212	57
4	Alappuzha	72	1795976	6	350057	2146033	78
5	Kottayam	71	1679472	6	304101	1983573	77
6	Idukki	52	991562	2	101594	1093156	54
7	Ernakulam	82	2239008	14	1188651	3427659	96
8	Thrissur	86	2514037	8	729133	3243170	94
9	Palakkad	88	2597404	7	354850	2952254	95
10	Malappuram	94	3684433	12	810565	4494998	106
11	Kozhikkode	70	2238323	8	1011438	3249761	78
12	Wayanad	23	715586	3	131051	846637	26
13	Kannur	71	1917361	11	697905	2615266	82
14	Kasaragod	38	1214971	3	175923	1390894	41
State Total		941	26882743	94	7747449	34630192	1035

TABLE - A2

Age & Sex Wise Mid-Year Population 2018 (As on 1st July 2018)

<i>Age Group</i>	<i>2011 Census Population</i>			<i>Mid Year Population 2018</i>		
	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
0-4	1247534	1205558	2453092	1293249	1249734	2542983
5to9	1303190	1251922	2555112	1350944	1297797	2648741
10to14	1438917	1383853	2822770	1491645	1434563	2926208
15to19	1328299	1282253	2610552	1376973	1329240	2706213
20to24	1298826	1366983	2665809	1346420	1417075	2763495
25to29	1203978	1400114	2604092	1248096	1451420	2699516
30to34	1128217	1327284	2455501	1169559	1375921	2545480
35to39	1161819	1417854	2579673	1204393	1469810	2674203
40to44	1117424	1295074	2412498	1158371	1342531	2500902
45to49	1105598	1242932	2348530	1146112	1288478	2434590
50to54	931191	996954	1928145	965314	1033486	1998800
55to59	861527	880881	1742408	893097	913160	1806257
60to64	685136	729535	1414671	710242	756268	1466510
65to69	459232	542902	1002134	476060	562796	1038856
70to74	326562	406810	733372	338528	421717	760245
75to79	208317	293050	501367	215951	303788	519739
above80	204348	337501	541849	211836	349868	561704
Age not stated	17297	17189	34486	17930	17820	35750
TOTAL	16027412	17378649	33406061	16614720	18015472	34630192

TABLE - B1												
District wise Live Birth by Place of Occurrence (Rural & Urban) and Town with Population One Lakh and above												
Sl. No.	District	Rural/ Urban	Towns with population one lakh and above	Births by the place of occurrence				Place of Residence of Mother				
				Male	Female	Not reporte d	Total	Within the Registration Unit	Outside the Registration Unit	Outside the State	Not reported	
1	Kasaragod	Rural		3030	2856	0	5886	1315	3725	0	846	5886
		Urban		7296	7134	0	14430	1614	10354	0	2462	14430
		Total		10326	9990	0	20316	2929	14079	0	3308	20316
2	Kannur	Rural		2147	2108	1	4256	796	2907	0	553	4256
		Urban		20313	19538	1	39852	3043	23122	0	13687	39852
		Total		22460	21646	2	44108	3839	26029	0	14240	44108
		Kannur (C)		4789	4750	1	9540	80	6027	0	3433	9540
3	Wayanad	Rural		2348	2427	1	4776	724	2603	0	1449	4776
		Urban		5227	5189	0	10416	252	6252	0	3912	10416
		Total		7575	7616	1	15192	976	8855	0	5361	15192
4	Kozhikode	Rural		5993	5874	0	11867	980	6862	0	4025	11867
		Urban		22887	21826	3	44716	7331	23776	0	13609	44716
		Total		28880	27700	3	56583	8311	30638	0	17634	56583
		Kozhikode (C)		19624	18866	3	38493	7007	20215	0	11271	38493
5	Malappuram	Rural		13738	13447	1	27186	4082	13968	0	9136	27186
		Urban		34933	33553	1	68487	5386	46101	0	17000	68487
		Total		48671	47000	2	95673	9468	60069	0	26136	95673
		Manjeri (M)		5794	5677	1	11472	1950	7830	0	1692	11472
6	Palakkad	Rural		4349	4230	0	8579	1298	4999	0	2282	8579
		Urban		14092	13413	2	27507	1606	17754	0	8147	27507
		Total		18441	17643	2	36086	2904	22753	0	10429	36086
		Palakkad (M)		6607	6215	1	12823	1003	7200	0	4620	12823
7	Thrissur	Rural		7096	6714	3	13813	1106	7415	0	5292	13813
		Urban		17021	16335	1	33357	2032	16179	0	15146	33357
		Total		24117	23049	4	47170	3138	23594	0	20438	47170
		Thrissur (C)		9487	9088	1	18576	543	6998	0	11035	18576

8	Ernakulam	Rural		5964	5805	1	11770	908	6243	0	4619	11770	
		Urban		8080	7837	1	15918	992	10507	0	4419	15918	
		Total		14044	13642	2	27688	1900	16750	0	9038	27688	
		Thrippunithura (M)		876	785	0	1661	252	797	0	612	1661	
9	Idukki	Rural		3313	3113	0	6426	1542	3476	0	1408	6426	
		Urban		2566	2511	1	5078	335	2455	0	2288	5078	
		Total		5879	5624	1	11504	1877	5931	0	3696	11504	
		Kottayam (M)		1636	1580	0	3216	492	1787	0	937	3216	
10	Kottayam	Rural		7372	6983	0	14355	1106	7446	0	5803	14355	
		Urban		5307	5014	0	10321	805	5672	0	3844	10321	
		Total		12679	11997	0	24676	1911	13118	0	9647	24676	
		Kottayam (M)		1636	1580	0	3216	492	1787	0	937	3216	
11	Alappuzha	Rural		4746	4640	2	9388	552	6546	0	2290	9388	
		Urban		4308	4308	0	8616	1522	4905	0	2189	8616	
		Total		9054	8948	2	18004	2074	11451	0	4479	18004	
		Alappuzha (M)		1065	1121	0	2186	852	872	0	462	2186	
12	Pathanamthitta	Rural		2659	2649	0	5308	543	2299	0	2466	5308	
		Urban		5571	5292	0	10863	643	4828	0	5392	10863	
		Total		8230	7941	0	16171	1186	7127	0	7858	16171	
		Kollam (C)		5628	5370	0	10998	3750	5553	0	1695	10998	
13	Kollam	Rural		5244	4904	0	10148	1406	5336	0	3406	10148	
		Urban		9468	9062	0	18530	4104	10314	0	4112	18530	
		Total		14712	13966	0	28678	5510	15650	0	7518	28678	
		Kollam (C)		5628	5370	0	10998	3750	5553	0	1695	10998	
14	Thiruvananthapuram	Rural		4014	3901	0	7915	924	2799	0	4192	7915	
		Urban		19596	18811	3	38410	11262	16482	0	10666	38410	
		Total		23610	22712	3	46325	12186	19281	0	14858	46325	
		Thiruvananthapuram(C)		17314	16526	3	33843	10584	13436	0	9823	33843	
State		Rural		72013	69651	9	141673	17282	76624	0	47767	141673	
		Urban		176665	169823	13	346501	40927	198701	0	106873	346501	
		Total		248678	239474	22	488174	58209	275325	0	154640	488174	

TABLE - B2												
District wise Live Birth by Place of Residence (Rural & Urban) and Town with Population One Lakh and above												
Sl. No.	District	Rural/ Urban	Towns with population one lakh and above	Births by the place of Residence of Mother				Birth Rate	Place of Occurrence			
				Male	Female	Not reported	Total		Within the Registration Unit	Outside the Registration Unit	Not Reported	
1	Kasaragod	Rural		7477	7143	0	14620	12.03	1315	13305	0	14620
		Urban		1185	1203	0	2388	13.57	1614	774	0	2388
		Total		8662	8346	0	17008	12.23	2929	14079	0	17008
2	Kannur	Rural		12685	12159	1	24845	12.96	796	24049	0	24845
		Urban		2553	2477	1	5031	7.21	3043	1988	0	5031
		Total		15238	14636	2	29876	11.42	3839	26037	0	29876
		Kannur (C)		265	262	0	527	2.21	80	447	0	527
3	Wayanad	Rural		4650	4642	0	9292	12.99	724	8568	0	9292
		Urban		265	276	0	541	4.13	252	289	0	541
		Total		4915	4918	0	9833	11.61	976	8857	0	9833
4	Kozhikode	Rural		14620	13857	1	28478	12.72	980	27498	0	28478
		Urban		5219	5025	0	10244	10.13	7331	2913	0	10244
		Total		19839	18882	1	38722	11.92	8311	30411	0	38722
		Kozhikode (C)		3829	3728	0	7557	12.31	7007	550	0	7557
5	Malappuram	Rural		31076	29860	1	60937	16.73	4082	56855	0	60937
		Urban		4434	4369	0	8803	10.86	5386	3417	0	8803
		Total		35510	34229	1	69740	15.66	9468	60272	0	69740
		Manjeri (M)		1180	1173	0	2353	21.73	1950	403	0	2353
6	Palakkad	Rural		11714	11045	0	22759	8.76	1298	21461	0	22759
		Urban		1452	1450	0	2902	8.18	1606	1296	0	2902
		Total		13166	12495	0	25661	8.69	2904	22757	0	25661
		Palakkad (M)		596	607	0	1203	9.18	1003	200	0	1203
7	Thrissur	Rural		11286	10785	0	22071	8.78	1106	20965	0	22071
		Urban		2392	2282	1	4675	6.41	2032	2643	0	4675
		Total		13678	13067	1	26746	8.25	3138	23608	0	26746
		Thrissur (C)		450	415	1	866	2.75	543	323	0	866

		Rural		7871	7618	2	15491	6.92	908	14583	0	15491
		Urban		1597	1545	0	3142	2.64	992	2150	0	3142
		Total		9468	9163	2	18633	5.44	1900	16733	0	18633
		Kochi (C)		383	335	0	718	1.18	0	718	0	718
		Thrippunithura (M)		204	189	0	393	3.93	252	141	0	393
8	Ernakulam	Rural		3770	3576	1	7347	7.41	1542	5805	0	7347
		Urban		225	233	0	458	4.51	335	123	0	458
		Total		3995	3809	1	7805	7.14	1877	5928	0	7805
9		Kottayam		6706	6389	0	13095	7.8	1106	11989	0	13095
		Urban		965	972	0	1937	6.37	805	1132	0	1937
		Total		7671	7361	0	15032	7.58	1911	13121	0	15032
		Kottayam (M)		565	540	0	1105	8.27	492	613	0	1105
10	Kottayam	Rural		5387	5275	1	10663	5.94	552	10111	0	10663
		Urban		1406	1477	0	2883	8.24	1522	1361	0	2883
		Total		6793	6752	1	13546	6.31	2074	11472	0	13546
		Alappuzha (M)		717	781	0	1498	8.7	852	646	0	1498
11	Alappuzha	Rural		3688	3604	0	7292	7.2	543	6749	0	7292
		Urban		540	498	0	1038	6.53	643	395	0	1038
		Total		4228	4102	0	8330	7.11	1186	7144	0	8330
		Alappuzha (M)		2173	2068	0	4241	11.17	3750	491	0	4241
12	Pathanamthitta	Rural		8186	7774	0	15960	7.55	1406	14554	0	15960
		Urban		2648	2564	0	5212	9.58	4104	1108	0	5212
		Total		10834	10338	0	21172	7.96	5510	15662	0	21172
		Kollam (C)		2173	2068	0	4241	11.17	3750	491	0	4241
13	Kollam	Rural		9488	9004	1	18493	8.54	924	17569	0	18493
		Urban		6491	6446	0	12937	10.88	11262	1675	0	12937
		Total		15979	15450	1	31430	9.37	12186	19244	0	31430
		Thiruvananthapuram (C)		5375	5355	0	10730	11	10584	146	0	10730
	Not Reported			78702	75926	12	154640		0	0	154640	154640
	State	Rural		138604	132731	8	271343	10.11	17282	254061	0	271343
		Urban		31372	30817	2	62191	8.03	40927	21264	0	62191
		Total		248678	239474	22	488174	14.11	58209	275325	154640	488174

		TABLE - B3(i)																			
		Time gap in Registration of Live Births (Rural)																			
Sl. No	District	Number of Live Birth registered:												141673							
		Delayed Registration												29495							
		Within Prescribed time limit						Within 30 Days						After 30 Days but within 1 year						After 1 year	
		Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Total	
1	Thiruvananthapuram	3131	3040	0	6171	497	499	0	996	260	276	0	536	126	86	0	212	4014	3901	0	7915
2	Kollam	4409	4109	0	8518	288	317	0	605	327	349	0	676	220	129	0	349	5244	4904	0	10148
3	Pathanamthitta	1352	1344	0	2696	781	751	0	1532	386	396	0	782	140	158	0	298	2659	2649	0	5308
4	Alappuzha	4138	4048	2	8188	290	279	0	569	206	205	0	411	112	108	0	220	4746	4640	2	9388
5	Kottayam	6983	6574	0	13557	139	144	0	283	69	64	0	133	181	201	0	382	7372	6983	0	14355
6	Idukki	2373	2259	0	4632	388	356	0	744	485	393	0	878	67	105	0	172	3313	3113	0	6426
7	Ernakulam	4741	4650	1	9392	681	647	0	1328	366	332	0	698	176	176	0	352	5964	5805	1	11770
8	Thrissur	6380	5996	3	12379	416	438	0	854	194	188	0	382	106	92	0	198	7096	6714	3	13813
9	Palakkad	3190	3145	0	6335	748	688	0	1436	290	289	0	579	121	108	0	229	4349	4230	0	8579
10	Malappuram	9543	9324	0	18867	1936	1899	0	3835	2141	2098	1	4240	118	126	0	244	13738	13447	1	27186
11	Kozhikode	4828	4751	0	9579	732	684	0	1416	374	378	0	752	59	61	0	120	5993	5874	0	11867
12	Wayanad	1918	1976	1	3895	298	307	0	605	86	92	0	178	46	52	0	98	2348	2427	1	4776
13	Kannur	1939	1902	1	3842	63	63	0	126	17	16	0	33	128	127	0	255	2147	2108	1	4256
14	Kasaragod	2130	1997	0	4127	595	564	0	1159	253	242	0	495	52	53	0	105	3030	2856	0	5886
Total		57055	55115	8	112178	7852	7636	0	15488	5454	5318	1	10773	1652	1582	0	3234	72013	69651	9	141673

TABLE - B3(ii)

Time gap in Registration of Live Births (Urban)

Sl. No.	District	Number of Live Birth registered:												346501							
		Delayed Registration												37060							
		Within Prescribed time limit				Within 30 Days				After 30 Days but within 1 year				After 1 year			Total				
		Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Male	Female	Not Reported		
1	Thiruvananthapuram	18933	18156	3	37092	345	325	0	670	265	282	0	547	53	48	0	101	19596	18811	3	38410
2	Kollam	8589	8212	0	16801	483	456	0	939	374	385	0	759	22	9	0	31	9468	9062	0	18530
3	Pathanamthitta	5426	5158	0	10584	121	111	0	232	9	5	0	14	15	18	0	33	5571	5292	0	10863
4	Alappuzha	3606	3588	0	7194	404	419	0	823	273	281	0	554	25	20	0	45	4308	4308	0	8616
5	Kottayam	4971	4698	0	9669	225	240	0	465	75	53	0	128	36	23	0	59	5307	5014	0	10321
6	Idukki	2458	2394	1	4853	66	63	0	129	41	46	0	87	1	8	0	9	2566	2511	1	5078
7	Ernakulam	6593	6389	1	12983	860	829	0	1689	596	594	0	1190	31	25	0	56	8080	7837	1	15918
8	Thrissur	14893	14274	0	29167	1503	1479	1	2983	594	555	0	1149	31	27	0	58	17021	16335	1	33357
9	Palakkad	10175	9758	0	19933	2804	2557	1	5362	1102	109 ⁴	1	2197	11	4	0	15	14092	13413	2	27507
10	Malappuram	29361	28217	0	57578	3546	3382	1	6929	1982	189 ⁴	0	3876	44	60	0	104	34933	33553	1	68487
11	Kozhikode	21367	20429	3	41799	1083	1038	0	2121	412	336	0	748	25	23	0	48	22887	21826	3	44716
12	Wayanad	5048	5032	0	10080	135	111	0	246	37	39	0	76	7	7	0	14	5227	5189	0	10416
13	Kannur	19226	18577	1	37804	783	702	0	1485	264	214	0	478	40	45	0	85	20313	19538	1	39852
14	Kasaragod	7008	6896	0	13904	131	118	0	249	128	109	0	237	29	11	0	40	7296	7134	0	14430
Total		157654	151778	9	309441	12489	11830	3	24322	6152	5887	1	12040	370	328	0	698	176665	169823	13	346501

TABLE - B3(iii)

Sl. No.	District	Number of Live Birth registered:										488174									
		Delayed Registration										66555									
		Within Prescribed time limit				Within 30 Days				After 30 Days but within 1 year			After 1 year			Total					
		Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total				
1	Thiruvananthapuram	22064	21196	3	43263	842	824	0	1666	525	558	0	1083	179	134	0	313	23610	22712	3	46325
2	Kollam	12998	12321	0	25319	771	773	0	1544	701	734	0	1435	242	138	0	380	14712	13966	0	28678
3	Pathanamthitta	6778	6502	0	13280	902	862	0	1764	395	401	0	796	155	176	0	331	8230	7941	0	16171
4	Alappuzha	7744	7636	2	15382	694	698	0	1392	479	486	0	965	137	128	0	265	9054	8948	2	18004
5	Kottayam	11954	11272	0	23226	364	384	0	748	144	117	0	261	217	224	0	441	12679	11997	0	24676
6	Idukki	4831	4653	1	9485	454	419	0	873	526	439	0	965	68	113	0	181	5879	5624	1	11504
7	Ernakulam	11334	11039	2	22375	1541	1476	0	3017	962	926	0	1888	207	201	0	408	14044	13642	2	27688
8	Thrissur	21273	20270	3	41546	1919	1917	1	3837	788	743	0	1531	137	119	0	256	24117	23049	4	47170
9	Palakkad	13365	12903	0	26268	3552	3245	1	6798	1392	1383	1	2776	132	112	0	244	18441	17643	2	36086
10	Malappuram	38904	37541	0	76445	5482	5281	1	10764	4123	3992	1	8116	162	186	0	348	48671	47000	2	95673
11	Kozhikode	26195	25180	3	51378	1815	1722	0	3537	786	714	0	1500	84	84	0	168	28880	27700	3	56583
12	Wayanad	6966	7008	1	13975	433	418	0	851	123	131	0	254	53	59	0	112	7575	7616	1	15192
13	Kannur	21165	20479	2	41646	846	765	0	1611	281	230	0	511	168	172	0	340	22460	21646	2	44108
14	Kasaragod	9138	8893	0	18031	726	682	0	1408	381	351	0	732	81	64	0	145	10326	9990	0	20316
Total		214709	206893	17	421619	20341	19466	3	39810	11606	11205	2	22813	2022	1910	0	3932	248678	239474	22	488174

TABLE- B4

Live Birth by Sex and Month of Occurrence

Sl. No.	DISTRICT	Month of Occurrence													
		SEX	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
1	Kasaragod	Male	783	711	831	919	934	957	768	843	806	924	994	856	10326
		Female	792	627	796	876	978	876	737	775	833	929	919	852	9990
		Total	1575	1338	1627	1795	1912	1833	1505	1618	1639	1853	1913	1708	20316
2	Kannur	Male	1742	1612	1967	1753	2124	2022	1810	1688	1935	2077	1860	1870	22460
		Female	1625	1541	1879	1647	2048	1956	1712	1654	1890	2007	1807	1880	21646
		NR	0	0	0	0	0	1	0	0	0	0	0	1	2
		Total	3367	3153	3846	3400	4172	3979	3522	3342	3825	4084	3667	3751	44108
3	Wayanad	Male	622	624	628	667	726	604	616	508	593	630	713	644	7575
		Female	666	625	679	643	696	653	605	507	591	643	633	675	7616
		NR	0	0	0	0	0	1	0	0	0	0	0	0	1
		Total	1288	1249	1307	1310	1422	1258	1221	1015	1184	1273	1346	1319	15192
4	Kozhikode	Male	2225	2124	2283	2551	2822	2219	2398	2403	2413	2589	2482	2371	28880
		Female	2120	2047	2240	2372	2816	2103	2298	2347	2225	2500	2274	2358	27700
		NR	0	1	0	0	0	0	1	0	0	0	1	0	3
		Total	4345	4172	4523	4923	5638	4322	4697	4750	4638	5089	4757	4729	56583
5	Malappuram	Male	3458	3190	3489	4292	4792	4537	4240	3672	4289	4600	4359	3753	48671
		Female	3234	3203	3477	4180	4514	4312	4083	3558	4134	4327	4245	3733	47000
		NR	0	0	0	2	0	0	0	0	0	0	0	0	2
		Total	6692	6393	6966	8474	9306	8849	8323	7230	8423	8927	8604	7486	95673
6	Palakkad	Male	1333	1222	1403	1474	1742	1522	1630	1422	1706	1796	1649	1542	18441
		Female	1265	1164	1372	1363	1641	1496	1545	1290	1640	1810	1573	1484	17643
		NR	0	0	0	1	0	0	0	1	0	0	0	0	2
		Total	2598	2386	2775	2838	3383	3018	3175	2713	3346	3606	3222	3026	36086

		Male	1695	1649	1941	1891	2197	2326	2003	1268	2275	2524	2104	2244	24117	
7	Thrissur	Female	1549	1628	1773	1887	2091	2261	1833	1240	2093	2444	2019	2231	23049	
		NR	0	1	0	1	2	0	0	0	0	0	0	0	4	
		Total	3244	3278	3714	3779	4290	4587	3836	2508	4368	4968	4123	4475	47170	
		Male	1015	962	1111	1183	1335	1171	1146	1056	1129	1438	1197	1301	14044	
8	Ernakulam	Female	1070	981	1093	1217	1245	1210	1087	964	998	1397	1153	1227	13642	
		NR	1	0	0	0	0	0	0	1	0	0	0	0	2	
		Total	2086	1943	2204	2400	2580	2381	2233	2021	2127	2835	2350	2528	27688	
		Male	411	440	446	518	578	432	529	540	444	483	505	553	5879	
9	Idukki	Female	428	421	383	448	524	485	497	448	411	539	539	501	5624	
		NR	0	0	0	0	0	0	0	0	0	0	1	0	1	
		Total	839	861	829	966	1102	917	1026	988	855	1022	1045	1054	11504	
		Male	980	915	1038	1102	1049	1078	1019	977	1225	1152	1100	1044	12679	
10	Kottayam	Female	1011	879	917	927	1007	1081	993	911	1058	1124	1032	1057	11997	
		Total	1991	1794	1955	2029	2056	2159	2012	1888	2283	2276	2132	2101	24676	
		Male	700	617	747	691	813	793	689	688	800	815	934	767	9054	
11	Alappuzha	Female	670	605	723	678	815	792	759	671	759	780	937	759	8948	
		NR	0	0	0	1	0	0	0	0	0	1	0	0	2	
		Total	1370	1222	1470	1370	1628	1585	1448	1359	1559	1596	1871	1526	18004	
		Male	641	621	629	652	779	684	690	578	734	860	720	642	8230	
12	Pathanamthitta	Female	611	606	630	566	742	751	687	577	679	749	700	643	7941	
		Total	1252	1227	1259	1218	1521	1435	1377	1155	1413	1609	1420	1285	16171	
		Male	1195	923	1250	1146	1395	1325	1157	1140	1415	1338	1276	1152	14712	
13	Kollam	Female	1087	892	1177	1065	1326	1237	1121	1100	1298	1349	1258	1056	13966	
		Total	2282	1815	2427	2211	2721	2562	2278	2240	2713	2687	2534	2208	28678	
		Male	1875	1532	2015	1887	2245	1972	1954	1873	2112	2284	2008	1853	23610	
14	Thiruvananthapuram	Female	1653	1525	1830	1984	2003	1969	2030	1773	1969	2231	1883	1862	22712	
		NR	0	0	0	0	0	0	0	0	0	0	2	1	3	
		Total	3528	3057	3845	3871	4248	3941	3984	3646	4081	4515	3893	3716	46325	
		Male	18675	17142	19778	20726	23531	21642	20649	18656	21876	23510	21901	20592	248678	
State Total		Female	17781	16744	18969	19853	22446	21182	19987	17815	20578	22829	20972	20318	239474	
		NR	1	2	0	5	2	2	1	2	0	1	4	2	22	
		Total	36457	33888	38747	40584	45979	42826	40637	36473	42454	46340	42877	40912	488174	

TABLE - B5

Live Births by Type of Attention at Delivery (Rural & Urban)

Rural/ Urban	Town	Type of attention at Delivery						
		Government Institutions	Private/ Non- Government	Doctor/Nurses/ Trained Midwife	Traditional Birth Attendant	Relatives/ Others	Not Stated	Total
I. RURAL								
	Rural Total	24373	113606	683	1804	1008	199	141673
II. URBAN								
II(i). Towns with population one lakh and above								
1	Alappuzha (M)	1646	530	1	5	3	1	2186
2	Kollam (C)	5721	5269	2	2	3	1	10998
3	Kottayam (M)	1363	1833	10	9		1	3216
4	Kozhikkode (C)	20744	17716	8	7	2	16	38493
5	Palakkad (M)	5532	7286			3	2	12823
6	Thiruvananthapuram (C)	17212	16540	17	6	16	52	33843
7	Thrissur (C)	3386	15085	92	6	5	2	18576
	Total II (i)	55604	64259	130	35	32	75	120135
II(ii). All other urban areas								
1	Adoor (M)	1229	632	2	4			1867
2	Aluva (M)	1360	1944					3304
3	Angamaly (M)		1260		3			1263
4	Anthoor(M)	1064	12			1		1077
5	Attingal (M)	56	1016	5				1077
6	Chalakkudy (M)	517	2331	1	2	1		2852
7	Changanasserry (M)	371	1132	4				1507
8	Chavakkad (M)	258	453			2		713
9	Chengannur (M)	433	63	2	1			499
10	Cherpulaserry (M)		83					83
11	Cherthala (M)	701	997	1				1699
12	Chittoor- Thathamangalam (M)	144			1			145
13	Eloor(M)	916	73					989
14	Erattupetta (M)		527					527
15	Ettumanoor (M)		2720	2	9			2731
16	Feroke (M)	18	1147	2	2			1169

17	Guruvayoor (M)		20	1	2			23
18	Harippad (M)	680		1	5	1		687
19	Iringalakuda (M)	1048	21					1069
20	Irity(M)	3	1053		1	1		1058
21	Kalamasserry (M)	814	31	2	1		9	857
22	Kalpetta (M)	824	2801			1		3626
23	Kanjhagad (M)	1726	2582			6		4314
24	Kannur (C)	8	9519	1	6	3	3	9540
25	Kannur Cantonment (M)	3341	40					3381
26	Karunagappally(M)	1414	1288		2			2704
27	Kasargod (M)	2335	7590		2	3		9930
28	Kattappana (M)		1208		6			1214
29	Kayamkulam (M)	350	2150		4			2504
30	Kodungallur (M)	1242	4765					6007
31	Koduvally (M)	1	1523	1		1		1526
32	Kondotty (M)	2	1671	1		5		1679
33	Koothattukulam (M)	1	280		2	1		284
34	Kothamangalam (M)	264	2137	2	9	2		2414
35	Kottakkal(M)	2	9125	2	3	3		9135
36	Kottarakkara (M)	1161	1186	1	1			2349
37	Kunnamkulam (M)	785	2423	1				3209
38	Kuthuparamba (M)	2	647	1		1		651
39	Malappuram (M)	632	7487	1	1	6	5	8132
40	Mananthavady (M)	2336	401		6	2		2745
41	Manjeri (M)	5740	5709		21	2		11472
42	Mannarakkad (M)	1655	4724	2		1		6382
43	Maradu (M)		284	1			1	286
44	Mattannur (M)	2	1680	1				1683
45	Mavelikkara (M)	417	621	1			2	1041
46	Moovattupuzha (M)	1370	348	2				1720
47	Mukkam (M)	1	1721	1		3		1726
48	Nedumangad (M)	1302	530	1		1		1834
49	Neyyattinkara (M)	566	620	3				1189
50	Nilamboor(M)	1774	1833	4		1		3612
51	Nileswaram (M)	2	184					186
52	North Paravur (M)	470	927		1			1398
53	Ottappalam (M)	536	6405			1		6942
54	Pala (M)	789	1038		1			1828

55	Pandalam (M)	1	1295		2	1		1299
56	Panoor (M)	1						1
57	Parappanangadi (M)		3030	1		3		3034
58	Paravoor (M)	160						160
59	Pathanamthitta (M)	830	1168	1				1999
60	Pattambi (M)	115	1016		1			1132
61	Payyannur (M)	618	5151		1	1		5771
62	Payyoli (M)			2				2
63	Perinthalmanna (M)	1790	9010		1	1		10802
64	Perumbavoor (M)	471	954	1	2			1428
65	Piravom (M)	1	16		10			27
66	Ponnani (M)	2684	6	3				2693
67	Punalur (M)	1446	870	3				2319
68	Quilandy (M)	13			1			14
69	Ramanattukara (M)		83					83
70	Sreekandapuram (M)				6	3		9
71	Sulthan Batheri (M)	1145	2897			3		4045
72	Thalasserry (M)	3460	8010	1	1	1	13	11486
73	Thaliparamba (M)	1438	3755		1	1		5195
74	Thanoor (M)	1		1	3	4		9
75	Thirurangadi (M)	996	5590		2			6588
76	Thiruvalla (M)	1229	4462	1	5		1	5698
77	Thodupuzha (M)	875	2980	1	1	1	6	3864
78	Thrikkakara (M)	13	273		1			287
79	Thrippunithura (M)	728	930	1	1		1	1661
80	Tirur (M)	1064	5103		4			6171
81	Vadakara (M)	229	1472			2		1703
82	Vaikom (M)	508	2		2			512
83	Valancherry (M)	11	5147		2			5160
84	Varkala (M)	270	194		2	1		467
85	Wadakkancherry (M)	632	274	1		1		908
Total II (ii)		61391	164650	68	144	72	41	226366
Urban Total		116995	228909	198	179	104	116	346501
State Total		141368	342515	881	1983	1112	315	488174

TABLE - B6

Live Births by Method of Delivery and Type of Institution for Institutional Births (Rural & Urban)

Sl. No.	Method of Delivery	Government			Private and Non-Government			Total		
		Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
1	Natural	15184	68155	83339	62956	122809	185765	78140	190964	269104
2	Caesarean	8854	47526	56380	47119	97755	144874	55973	145281	201254
3	Vacuum / Forceps	333	1312	1645	3520	8337	11857	3853	9649	13502
4	Not Stated	2	2	4	11	8	19	13	10	23
Total		24373	116995	141368	113606	228909	342515	137979	345904	483883

TABLE - B7**Live Births by Age of the Mother and Birth Order (Rural & Urban)**

Age of the Mother	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above	Not Stated	Total
Rural Areas															
Below 15															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
15-19	5480	97	37	4	0	0	0	0	0	0	0	0	0	25	5643
20-24	28835	13292	1544	116	12	0	0	0	0	0	0	0	0	137	43936
25-29	21187	22375	8119	1005	135	8	6	0	0	0	0	0	0	154	52989
30-34	5368	13327	7512	2111	417	95	49	21	8	6	0	0	0	65	28979
35-39	1350	3173	2240	1124	359	137	59	30	14	3	0	0	0	26	8515
40-44	336	380	249	109	51	27	21	14	13	6	0	0	0	10	1216
45 & above	88	92	8	11	9	5	3	7	1	1	0	1	0	2	228
Age Not Stated	34	12	11	1	3	0	1	0	0	0	0	0	0	104	166
Rural Total	62678	52748	19720	4481	986	272	139	72	36	16	0	1	0	524	141673
Urban Areas															
Below 15															
Below 15	3	0	0	0	0	0	0	0	0	0	0	0	0	1	4
15-19	14551	238	18	3	0	0	0	0	0	0	0	0	0	8	14818
20-24	77583	32772	3638	147	13	0	0	0	0	0	0	0	0	77	114230

25-29	50358	57262	19835	2369	201	6	3	0	0	0	0	0	0	94	130128
30-34	11956	31683	16987	5054	811	131	25	6	2	1	0	0	0	28	66684
35-39	2836	7250	4768	2425	758	201	48	20	8	3	0	0	0	13	18330
40-44	438	625	327	245	119	41	15	3	0	6	0	0	0	2	1821
45 & above	56	67	11	9	3	3	0	4	0	0	0	0	0	2	155
Age Not Stated	115	68	27	1	1	0	0	0	0	0	0	0	0	119	331
Urban Total	157896	129965	45611	10253	1906	382	91	33	10	10	0	0	0	344	346501

All Areas

Below 15	3	0	0	0	0	0	0	0	0	0	0	0	0	2	5
15-19	20031	335	55	7	0	0	0	0	0	0	0	0	0	33	20461
20-24	106418	46064	5182	263	25	0	0	0	0	0	0	0	0	214	158166
25-29	71545	79637	27954	3374	336	14	9	0	0	0	0	0	0	248	183117
30-34	17324	45010	24499	7165	1228	226	74	27	10	7	0	0	0	93	95663
35-39	4186	10423	7008	3549	1117	338	107	50	22	6	0	0	0	39	26845
40-44	774	1005	576	354	170	68	36	17	13	12	0	0	0	12	3037
45 & above	144	159	19	20	12	8	3	11	1	1	0	1	0	4	383
Age Not Stated	149	80	38	2	4	0	1	0	0	0	0	0	0	223	497
All Total	220574	182713	65331	14734	2892	654	230	105	46	26	0	1	0	868	488174

TABLE - B7A

Live Births by Age of the Mother and Sex of the Child

Mother's Age Group	Rural				Urban				Total			
	Male	Female	NR	Total	Male	Female	NR	Total	Male	Female	NR	Total
Below 15	0	1	0	1	1	3	0	4	1	4	0	5
15-19	2910	2732	1	5643	7683	7133	2	14818	10593	9865	3	20461
20-24	22283	21650	3	43936	58211	56015	4	114230	80494	77665	7	158166
25-29	27128	25857	4	52989	66482	63640	6	130128	93610	89497	10	183117
30-34	14634	14344	1	28979	33905	32778	1	66684	48539	47122	2	95663
35-39	4244	4271	0	8515	9213	9117	0	18330	13457	13388	0	26845
40-44	621	595	0	1216	930	891	0	1821	1551	1486	0	3037
45 & above	112	116	0	228	74	81	0	155	186	197	0	383
Age Not Stated	81	85	0	166	166	165	0	331	247	250	0	497
Total	72013	69651	9	141673	176665	169823	13	346501	248678	239474	22	488174

TABLE - B8

Live Birth by Birth Order and Age of Mother for Towns with Population 1 Lakh and above

Age of Mother	Birth Order														Not Stated	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above			
Below 15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
15-19	4554	91	7	2	0	0	0	0	0	0	0	0	0	4	4658	
20-24	32281	10927	1101	50	1	0	0	0	0	0	0	0	0	28	44388	
25-29	22281	21982	5799	629	56	2	0	0	0	0	0	0	0	26	50775	
30-34	5322	12804	4960	1226	193	23	10	0	1	0	0	0	0	10	24549	
35-39	1284	2879	1362	546	170	41	6	5	2	2	0	0	0	2	6299	
40-44	200	265	97	56	17	7	5	0	0	2	0	0	0	0	649	
45 & above	21	35	6	3	2	1	0	0	0	0	0	0	0	0	68	
Age Not Stated	84	49	15	0	0	0	0	0	0	0	0	0	0	71	219	
Total	66029	49032	13347	2512	439	74	21	5	3	4	0	0	0	141	131607	

TABLE - B9**Live Birth by Age and Level of Education of Mother (Rural and Urban)**

Age of Mother	Level of Education of Mother						
	Illiterate	Bellow Primary	Primary but below Matric	Matric but below Graduate	Graduate & Above	Not Stated	Total
Rural Areas							
Below 15	0	0	1	0	0	0	1
15-19	0	10	411	4764	0	458	5643
20-24	0	72	2951	24392	12168	4353	43936
25-29	0	97	3610	22706	21262	5314	52989
30-34	0	67	3084	12951	9864	3013	28979
35-39	50	47	1516	3704	2297	901	8515
40-44	12	10	234	534	312	114	1216
45 & above	5	1	44	112	57	9	228
Age Not Stated	3	0	21	53	21	68	166
Rural Areas Total	70	304	11872	69216	45981	14230	141673
Urban Areas							
Below 15	0	0	2	0	0	2	4
15-19	0	30	1131	11910	0	1747	14818
20-24	0	286	7789	62330	30461	13364	114230
25-29	0	347	9723	56916	49051	14091	130128
30-34	0	247	8024	30215	21666	6532	66684
35-39	132	116	3258	8545	4732	1547	18330
40-44	15	26	350	869	403	158	1821
45 & above	2	2	20	59	43	29	155
Age Not Stated	1	0	66	86	38	140	331
Urban Areas Total	150	1054	30363	170930	106394	37610	346501
All Areas							
Below 15	0	0	3	0	0	2	5
15-19	0	40	1542	16674	0	2205	20461
20-24	0	358	10740	86722	42629	17717	158166
25-29	0	444	13333	79622	70313	19405	183117
30-34	0	314	11108	43166	31530	9545	95663
35-39	182	163	4774	12249	7029	2448	26845
40-44	27	36	584	1403	715	272	3037
45 & above	7	3	64	171	100	38	383
Age Not Stated	4	0	87	139	59	208	497
All Areas Total	220	1358	42235	240146	152375	51840	488174

TABLE - B10

Live Birth by Level of Education of Father and Birth Order (Rural & Urban)

Level of Education of Father	Birth Order													Not Stated	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above		
Rural Areas															
Illiterate	128	141	105	34	27	5	5	5	0	1	0	0	0	25	476
Below Primary	100	132	88	43	24	14	8	5	2	2	0	0	0	22	440
Primary but below Metric	6995	8776	4818	1480	397	124	74	37	22	9	0	1	0	226	22959
Metric but below Graduate	32507	28637	10518	2125	363	81	26	18	6	3	0	0	0	104	74388
Graduate and Above	16929	9986	2143	337	74	18	6	0	0	0	0	0	0	28	29521
Not Stated	6019	5076	2048	462	101	30	20	7	6	1	0	0	0	119	13889
Rural Total	62678	52748	19720	4481	986	272	139	72	36	16	0	1	0	524	141673
Urban Areas															
Illiterate	716	650	280	70	26	13	3	1	1	3	0	0	0	10	1773
Below Primary	583	787	541	224	59	14	7	3	0	0	0	0	0	12	2230
Primary but below Metric	19727	24304	11749	3155	654	131	31	11	5	3	0	0	0	97	59867
Metric but below Graduate	79267	67590	24097	5250	940	157	35	12	2	1	0	0	0	76	177427
Graduate and Above	40138	22996	5017	832	111	28	5	1	0	0	0	0	0	30	69158
Not Stated	17465	13638	3927	722	116	39	10	5	2	3	0	0	0	119	36046
Urban Total	157896	129965	45611	10253	1906	382	91	33	10	10	0	0	0	344	346501
All Areas															
Illiterate	844	791	385	104	53	18	8	6	1	4	0	0	0	35	2249
Below Primary	683	919	629	267	83	28	15	8	2	2	0	0	0	34	2670
Primary but below Metric	26722	33080	16567	4635	1051	255	105	48	27	12	0	1	0	323	82826
Metric but below Graduate	111774	96227	34615	7375	1303	238	61	30	8	4	0	0	0	180	251815
Graduate and Above	57067	32982	7160	1169	185	46	11	1	0	0	0	0	0	58	98679
Not Stated	23484	18714	5975	1184	217	69	30	12	8	4	0	0	0	238	49935
All Total	220574	182713	65331	14734	2892	654	230	105	46	26	0	1	0	868	488174

TABLE - B11

Live Birth by Level of Education of Mother and Birth Order (Rural & Urban)

Level of Education of Mother	Birth Order													Not Stated	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above		
Rural Areas															
Illiterate	134	166	113	34	30	7	7	7	1	1	0	0	0	25	525
Below Primary	48	80	61	41	22	11	9	5	1	1	0	0	0	25	304
Primary but below Metric	3457	4129	2527	972	321	113	70	37	20	12	0	1	0	213	11872
Metric but below Graduate	27226	26943	11760	2579	450	95	31	15	6	1	0	0	0	110	69216
Graduate and Above	25862	16389	3222	391	63	15	5	1	0	0	0	0	0	33	45981
Not Stated	5951	5041	2037	464	100	31	17	7	8	1	0	0	0	118	13775
Rural Total	62678	52748	19720	4481	986	272	139	72	36	16	0	1	0	524	141673
Urban Areas															
Illiterate	728	599	254	57	27	13	1	2	0	1	0	0	0	9	1691
Below Primary	318	384	206	83	31	10	9	1	1	0	0	0	0	11	1054
Primary but below Metric	9156	11327	6755	2322	553	129	30	13	5	4	0	0	0	69	30363
Metric but below Graduate	70271	65790	27268	6197	1082	168	39	11	2	2	0	0	0	100	170930
Graduate and Above	59965	38187	7197	885	99	20	5	1	0	0	0	0	0	35	106394
Not Stated	17458	13678	3931	709	114	42	7	5	2	3	0	0	0	120	36069
Urban Total	157896	129965	45611	10253	1906	382	91	33	10	10	0	0	0	344	346501
All Areas															
Illiterate	862	765	367	91	57	20	8	9	1	2	0	0	0	34	2216
Below Primary	366	464	267	124	53	21	18	6	2	1	0	0	0	36	1358
Primary but below Metric	12613	15456	9282	3294	874	242	100	50	25	16	0	1	0	282	42235
Metric but below Graduate	97497	92733	39028	8776	1532	263	70	26	8	3	0	0	0	210	240146
Graduate and Above	85827	54576	10419	1276	162	35	10	2	0	0	0	0	0	68	152375
Not Stated	23409	18719	5968	1173	214	73	24	12	10	4	0	0	0	238	49844
All Total	220574	182713	65331	14734	2892	654	230	105	46	26	0	1	0	868	488174

TABLE - B12

Age & Level of Education of Mother	Birth Order														Not Stated	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above			
All Education Levels																
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
15-19	5480	97	37	4	0	0	0	0	0	0	0	0	0	0	25	5643
20-24	28835	13292	1544	116	12	0	0	0	0	0	0	0	0	0	137	43936
25-29	21187	22375	8119	1005	135	8	6	0	0	0	0	0	0	0	154	52989
30-34	5368	13327	7512	2111	417	95	49	21	8	6	0	0	0	0	65	28979
35-39	1350	3173	2240	1124	359	137	59	30	14	3	0	0	0	0	26	8515
40-44	336	380	249	109	51	27	21	14	13	6	0	0	0	0	10	1216
45 & above	88	92	8	11	9	5	3	7	1	1	0	1	0	0	2	228
Age Not Stated	34	12	11	1	3	0	1	0	0	0	0	0	0	0	104	166
All Education Levels Total	62678	52748	19720	4481	986	272	139	72	36	16	0	1	0	524	141673	
Illiterate																
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35-39	3	13	15	5	8	1	3	1	0	1	0	0	0	0	0	50
40-44	2	2	1	2	2	1	1	1	0	0	0	0	0	0	0	12
45 & above	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	5
Age Not Stated	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	3
Illiterate Total	5	15	17	7	12	3	5	3	0	1	0	0	0	2	70	

Below Primary															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15-19	4	2	2	1	0	0	0	0	0	0	0	0	0	1	
20-24	22	20	19	4	2	0	0	0	0	0	0	0	0	5	
25-29	13	36	15	16	5	0	0	0	0	0	0	0	0	12	
30-34	7	14	15	13	6	5	3	0	0	0	0	0	0	4	
35-39	1	8	9	6	6	5	5	4	1	0	0	0	0	2	
40-44	1	0	1	1	3	0	1	1	0	1	0	0	0	1	
45 & above	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
Age Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Below Primary Total	48	80	61	41	22	11	9	5	1	1	0	0	0	25	304
Primary but below Metric															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
15-19	353	17	24	2	0	0	0	0	0	0	0	0	0	15	
20-24	1524	1017	284	51	6	0	0	0	0	0	0	0	0	69	
25-29	877	1533	875	196	47	5	6	0	0	0	0	0	0	71	
30-34	407	1074	940	416	124	41	29	14	4	4	0	0	0	31	
35-39	234	406	367	274	124	55	22	12	8	2	0	0	0	12	
40-44	51	61	35	30	15	10	10	6	7	5	0	0	0	4	
45 & above	7	17	1	3	2	2	2	5	1	1	0	1	0	2	
Age Not Stated	4	4	1	0	3	0	1	0	0	0	0	0	0	8	
Primary but below Metric Total	3457	4129	2527	972	321	113	70	37	20	12	0	1	0	213	11872
Metric but below Graduate															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15-19	4679	71	9	0	0	0	0	0	0	0	0	0	0	5	
20-24	14110	9203	1001	39	2	0	0	0	0	0	0	0	0	37	
25-29	5839	10792	5346	642	57	2	0	0	0	0	0	0	0	28	
30-34	1823	5378	4232	1258	203	33	6	2	1	1	0	0	0	14	
														12951	

35-39	547	1283	1040	589	161	47	22	8	3	0	0	0	0	4	3704
40-44	162	165	117	44	22	13	3	5	2	0	0	0	0	1	534
45 & above	50	45	6	6	5	0	0	0	0	0	0	0	0	0	112
Age Not Stated	16	6	9	1	0	0	0	0	0	0	0	0	0	21	53
Metric but below Graduate Total	27226	26943	11760	2579	450	95	31	15	6	1	0	0	0	110	69216
Graduate and Above															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	10320	1777	60	9	0	0	0	0	0	0	0	0	0	2	12168
25-29	12398	7779	1028	46	3	0	0	0	0	0	0	0	0	8	21262
30-34	2576	5553	1523	179	24	3	2	0	0	0	0	0	0	4	9864
35-39	432	1138	547	134	30	10	1	1	0	0	0	0	0	4	2297
40-44	101	114	63	23	6	2	2	0	0	0	0	0	0	1	312
45 & above	29	27	1	0	0	0	0	0	0	0	0	0	0	0	57
Age Not Stated	6	1	0	0	0	0	0	0	0	0	0	0	0	14	21
Graduate and Above Total	25862	16389	3222	391	63	15	5	1	0	0	0	0	0	33	45981
Not Stated															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	444	7	2	1	0	0	0	0	0	0	0	0	0	4	458
20-24	2859	1275	180	13	2	0	0	0	0	0	0	0	0	24	4353
25-29	2060	2235	855	105	23	1	0	0	0	0	0	0	0	35	5314
30-34	555	1308	802	245	60	13	9	5	3	1	0	0	0	12	3013
35-39	133	325	262	116	30	19	6	4	2	0	0	0	0	4	901
40-44	19	38	32	9	3	1	4	1	4	0	0	0	0	3	114
45 & above	2	3	0	2	0	1	0	1	0	0	0	0	0	0	9
Age Not Stated	8	1	0	0	0	0	0	0	0	0	0	0	0	59	68
Not Stated Total	6080	5192	2133	491	118	35	19	11	9	1	0	0	0	141	14230

TABLE - B13

Live Birth by Age of Mother and Birth Order for each Level of Education of the Mother (Urban)

Age & Level of Education of Mother	Birth Order														Not Stated	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above			
All Education Levels																
Below 15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
15-19	14551	238	18	3	0	0	0	0	0	0	0	0	0	0	8	14818
20-24	77583	32772	3638	147	13	0	0	0	0	0	0	0	0	0	77	114230
25-29	50358	57262	19835	2369	201	6	3	0	0	0	0	0	0	0	94	130128
30-34	11956	31683	16987	5054	811	131	25	6	2	1	0	0	0	0	28	66684
35-39	2836	7250	4768	2425	758	201	48	20	8	3	0	0	0	0	13	18330
40-44	438	625	327	245	119	41	15	3	0	6	0	0	0	0	2	1821
45 & above	56	67	11	9	3	3	0	4	0	0	0	0	0	0	2	155
Age Not Stated	115	68	27	1	1	0	0	0	0	0	0	0	0	0	119	331
All Education Levels Total	157896	129965	45611	10253	1906	382	91	33	10	10	0	0	0	344	346501	
Illiterate																
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35-39	16	54	35	12	5	6	1	2	0	0	0	0	0	0	1	132
40-44	1	4	4	4	1	0	0	0	0	1	0	0	0	0	0	15
45 & above	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2

Age Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Illiterate Total	17	58	40	16	7	6	1	2	0	1	0	0	0	2	150
Below Primary															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	29	1	0	0	0	0	0	0	0	0	0	0	0	0	30
20-24	127	116	33	4	0	0	0	0	0	0	0	0	0	6	286
25-29	97	124	85	27	8	1	1	0	0	0	0	0	0	4	347
30-34	42	100	60	29	10	2	3	0	0	0	0	0	0	1	247
35-39	18	34	26	17	11	5	3	1	1	0	0	0	0	0	116
40-44	5	8	2	5	2	2	2	0	0	0	0	0	0	0	26
45 & above	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
Age Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Below primary Total	318	384	206	83	31	10	9	1	1	0	0	0	0	11	1054
Primary but below Metric															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2
15-19	1074	47	5	2	0	0	0	0	0	0	0	0	0	3	1131
20-24	4015	3003	698	46	9	0	0	0	0	0	0	0	0	18	7789
25-29	2199	4248	2677	498	69	1	1	0	0	0	0	0	0	30	9723
30-34	1180	2935	2504	1128	214	42	8	1	1	1	0	0	0	10	8024
35-39	550	983	820	590	217	65	14	10	4	2	0	0	0	3	3258
40-44	95	86	42	56	42	19	7	1	0	1	0	0	0	1	350
45 & above	6	6	3	1	1	2	0	1	0	0	0	0	0	0	20
Age Not Stated	36	19	6	1	1	0	0	0	0	0	0	0	0	3	66
Primary but below Metric Total	9156	11327	6755	2322	553	129	30	13	5	4	0	0	0	69	30363
Metric but below Graduate															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	11740	159	8	1	0	0	0	0	0	0	0	0	0	2	11910
20-24	38294	21582	2343	74	1	0	0	0	0	0	0	0	0	36	62330
25-29	14673	27928	12703	1485	90	1	0	0	0	0	0	0	0	36	56916

30-34	4152	12802	9586	3104	494	57	9	3	0	0	0	0	0	0	8	30215
35-39	1154	2988	2446	1394	434	93	26	5	2	1	0	0	0	0	2	8545
40-44	198	279	171	135	62	17	4	2	0	1	0	0	0	0	0	869
45 & above	26	23	2	4	1	0	0	1	0	0	0	0	0	0	2	59
Age Not Stated	34	29	9	0	0	0	0	0	0	0	0	0	0	0	14	86
Metric but below Graduate Total	70271	65790	27268	6197	1082	168	39	11	2	2	0	0	0	100	170930	
Graduate and Above																
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	26022	4266	164	3	0	0	0	0	0	0	0	0	0	0	6	30461
25-29	27726	18615	2533	154	10	0	0	0	0	0	0	0	0	0	13	49051
30-34	5287	12560	3323	443	41	6	2	0	0	0	0	0	0	0	4	21666
35-39	797	2533	1087	258	38	13	1	0	0	0	0	0	0	0	5	4732
40-44	102	179	84	26	10	0	2	0	0	0	0	0	0	0	0	403
45 & above	16	24	0	1	0	1	0	1	0	0	0	0	0	0	0	43
Age Not Stated	15	10	6	0	0	0	0	0	0	0	0	0	0	0	7	38
Graduate & Above Total	59965	38187	7197	885	99	20	5	1	0	0	0	0	0	0	35	106394
Not Stated																
Below 15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
15-19	1708	31	5	0	0	0	0	0	0	0	0	0	0	0	3	1747
20-24	9125	3805	400	20	3	0	0	0	0	0	0	0	0	0	11	13364
25-29	5663	6347	1837	205	24	3	1	0	0	0	0	0	0	0	11	14091
30-34	1295	3286	1514	350	52	24	3	2	1	0	0	0	0	0	5	6532
35-39	301	658	354	154	53	19	3	2	1	0	0	0	0	0	2	1547
40-44	37	69	24	19	2	3	0	0	0	3	0	0	0	0	1	158
45 & above	8	13	5	2	0	0	0	1	0	0	0	0	0	0	0	29
Age Not Stated	30	10	6	0	0	0	0	0	0	0	0	0	0	0	94	140
Not Stated Total	18169	14219	4145	750	134	49	7	5	2	3	0	0	0	127	37610	

TABLE - B13(a)

Live Birth by Age of Mother and Birth Order for each Level of Education of the Mother (Rural & Urban)															
Age & Level of Education of Mother	Birth Order														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above	Not Stated	
All Education Levels															
Below 15	3	0	0	0	0	0	0	0	0	0	0	0	0	2	5
15-19	20031	335	55	7	0	0	0	0	0	0	0	0	0	33	20461
20-24	106418	46064	5182	263	25	0	0	0	0	0	0	0	0	214	158166
25-29	71545	79637	27954	3374	336	14	9	0	0	0	0	0	0	248	183117
30-34	17324	45010	24499	7165	1228	226	74	27	10	7	0	0	0	93	95663
35-39	4186	10423	7008	3549	1117	338	107	50	22	6	0	0	0	39	26845
40-44	774	1005	576	354	170	68	36	17	13	12	0	0	0	12	3037
45 & above	144	159	19	20	12	8	3	11	1	1	0	1	0	4	383
Age Not Stated	149	80	38	2	4	0	1	0	0	0	0	0	0	223	497
All Education Levels Total	220574	182713	65331	14734	2892	654	230	105	46	26	0	1	0	868	488174
Illiterate															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35-39	19	67	50	17	13	7	4	3	0	1	0	0	0	1	182

40-44	3	6	5	6	3	1	1	1	0	1	0	0	0	0	27
45 & above	0	0	1	0	3	1	1	1	0	0	0	0	0	0	7
Age Not Stated	0	0	1	0	0	0	0	0	0	0	0	0	0	3	4
Illiterate Total	22	73	57	23	19	9	6	5	0	2	0	0	0	4	220
Below Primary															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	33	3	2	1	0	0	0	0	0	0	0	0	0	1	40
20-24	149	136	52	8	2	0	0	0	0	0	0	0	0	0	11
25-29	110	160	100	43	13	1	1	0	0	0	0	0	0	0	16
30-34	49	114	75	42	16	7	6	0	0	0	0	0	0	5	314
35-39	19	42	35	23	17	10	8	5	2	0	0	0	0	2	163
40-44	6	8	3	6	5	2	3	1	0	1	0	0	0	1	36
45 & above	0	1	0	1	0	1	0	0	0	0	0	0	0	0	3
Age Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Below Primary Total	366	464	267	124	53	21	18	6	2	1	0	0	0	36	1358
Primary but below Metric															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	2	3
15-19	1427	64	29	4	0	0	0	0	0	0	0	0	0	0	18
20-24	5539	4020	982	97	15	0	0	0	0	0	0	0	0	0	87
25-29	3076	5781	3552	694	116	6	7	0	0	0	0	0	0	0	101
30-34	1587	4009	3444	1544	338	83	37	15	5	5	0	0	0	41	11108
35-39	784	1389	1187	864	341	120	36	22	12	4	0	0	0	15	4774
40-44	146	147	77	86	57	29	17	7	7	6	0	0	0	5	584
45 & above	13	23	4	4	3	4	2	6	1	1	0	1	0	2	64
Age Not Stated	40	23	7	1	4	0	1	0	0	0	0	0	0	11	87
Primary but below Metric Total	12613	15456	9282	3294	874	242	100	50	25	16	0	1	0	282	42235
Metric but below Graduate															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	16419	230	17	1	0	0	0	0	0	0	0	0	0	7	16674

20-24	52404	30785	3344	113	3	0	0	0	0	0	0	0	0	0	73	86722	
25-29	20512	38720	18049	2127	147	3	0	0	0	0	0	0	0	0	64	79622	
30-34	5975	18180	13818	4362	697	90	15	5	1	1	0	0	0	0	22	43166	
35-39	1701	4271	3486	1983	595	140	48	13	5	1	0	0	0	0	6	12249	
40-44	360	444	288	179	84	30	7	7	2	1	0	0	0	0	1	1403	
45 & above	76	68	8	10	6	0	0	1	0	0	0	0	0	0	2	171	
Age Not Stated	50	35	18	1	0	0	0	0	0	0	0	0	0	0	35	139	
Metric but below Graduate Total	97497	92733	39028	8776	1532	263	70	26	8	3	0	0	0	210	240146		
Graduate and Above																	
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20-24	36342	6043	224	12	0	0	0	0	0	0	0	0	0	0	8	42629	
25-29	40124	26394	3561	200	13	0	0	0	0	0	0	0	0	0	21	70313	
30-34	7863	18113	4846	622	65	9	4	0	0	0	0	0	0	0	8	31530	
35-39	1229	3671	1634	392	68	23	2	1	0	0	0	0	0	0	9	7029	
40-44	203	293	147	49	16	2	4	0	0	0	0	0	0	0	1	715	
45 & above	45	51	1	1	0	1	0	1	0	0	0	0	0	0	0	100	
Age Not Stated	21	11	6	0	0	0	0	0	0	0	0	0	0	0	21	59	
Graduate and Above Total	85827	54576	10419	1276	162	35	10	2	0	0	0	0	0	68	152375		
Not Stated																	
Below 15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
15-19	2152	38	7	1	0	0	0	0	0	0	0	0	0	0	0	7	2205
20-24	11984	5080	580	33	5	0	0	0	0	0	0	0	0	0	0	35	17717
25-29	7723	8582	2692	310	47	4	1	0	0	0	0	0	0	0	0	46	19405
30-34	1850	4594	2316	595	112	37	12	7	4	1	0	0	0	0	0	17	9545
35-39	434	983	616	270	83	38	9	6	3	0	0	0	0	0	0	6	2448
40-44	56	107	56	28	5	4	4	1	4	3	0	0	0	0	0	4	272
45 & above	10	16	5	4	0	1	0	2	0	0	0	0	0	0	0	0	38
Age Not Stated	38	11	6	0	0	0	0	0	0	0	0	0	0	0	0	153	208
Not Stated Total	24247	19411	6278	1241	252	84	26	16	11	4	0	0	0	268	51838		

TABLE - B14

Live Birth by age of Mother, Birth Order and Religion of the Family (Rural)

Age of Mother & Religion of Family	Birth Order														Not Stated	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above			
Hindus																
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
15-19	1023	32	10	3	0	0	0	0	0	0	0	0	0	0	6	1074
20-24	12002	3424	355	35	2	0	0	0	0	0	0	0	0	0	37	15855
25-29	10733	9454	1313	118	22	4	2	0	0	0	0	0	0	0	42	21688
30-34	2802	6821	1259	108	32	8	6	2	0	0	0	0	0	0	15	11053
35-39	789	1743	498	80	34	14	12	2	1	0	0	0	0	0	8	3181
40-44	211	222	41	7	5	2	2	2	2	0	0	0	0	0	2	496
45 & above	61	74	1	2	2	0	1	1	0	0	0	0	0	0	0	142
Age Not Stated	20	4	2	0	0	0	0	0	0	0	0	0	0	0	26	52
Hindus Total	27641	21774	3479	353	97	28	23	7	3	0	0	0	0	0	137	53542
Muslims																
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	4261	53	14	0	0	0	0	0	0	0	0	0	0	0	6	4334
20-24	13277	8755	992	49	4	0	0	0	0	0	0	0	0	0	43	23120
25-29	3376	8640	5922	778	78	2	1	0	0	0	0	0	0	0	31	18828
30-34	684	2384	4784	1834	341	54	24	6	2	0	0	0	0	0	12	10125
35-39	251	456	1005	897	282	87	28	14	6	0	0	0	0	0	5	3031
40-44	48	49	90	72	32	18	9	5	2	2	0	0	0	0	4	331

45 & above	5	2	1	4	4	2	1	3	0	0	0	0	0	0	22
Age Not Stated	14	8	7	1	3	0	1	0	0	0	0	0	0	0	41
Muslims Total	21916	20347	12815	3635	744	163	64	28	10	2	0	0	0	108	59832
Christians															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	191	12	13	1	0	0	0	0	0	0	0	0	0	13	230
20-24	3467	1073	193	32	6	0	0	0	0	0	0	0	0	57	4828
25-29	6963	4159	855	103	34	2	3	0	0	0	0	0	0	81	12200
30-34	1846	4027	1449	159	43	33	19	13	6	6	0	0	0	38	7639
35-39	303	946	729	144	43	35	18	14	7	3	0	0	0	12	2254
40-44	73	105	117	29	14	7	10	7	9	4	0	0	0	4	379
45 & above	22	16	6	5	3	3	1	3	1	1	0	1	0	2	64
Age Not Stated	0	0	2	0	0	0	0	0	0	0	0	0	0	11	13
Christians Total	12865	10338	3364	473	143	80	51	37	23	14	0	1	0	218	27607
Others															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20-24	89	38	3	0	0	0	0	0	0	0	0	0	0	0	130
25-29	114	120	29	6	1	0	0	0	0	0	0	0	0	0	270
30-34	36	94	20	9	1	0	0	0	0	0	0	0	0	0	160
35-39	7	28	8	3	0	1	1	0	0	0	0	0	0	1	49
40-44	4	4	1	1	0	0	0	0	0	0	0	0	0	0	10
45 & above	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Age Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others Total	255	284	61	19	2	1	1	0	0	0	0	0	0	1	624

Not Stated														
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	2	1	0	0	0	0	0	0	0	0	0	0	3
25-29	1	2	0	0	0	0	0	0	0	0	0	0	0	3
30-34	0	1	0	1	0	0	0	0	0	0	0	0	0	2
35-39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 & above	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Age Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	60	60
Not Stated Total	1	5	1	1	0	0	0	0	0	0	0	0	60	68
All Religions														
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15-19	5480	97	37	4	0	0	0	0	0	0	0	0	0	25
20-24	28835	13292	1544	116	12	0	0	0	0	0	0	0	0	137
25-29	21187	22375	8119	1005	135	8	6	0	0	0	0	0	0	154
30-34	5368	13327	7512	2111	417	95	49	21	8	6	0	0	0	65
35-39	1350	3173	2240	1124	359	137	59	30	14	3	0	0	0	26
40-44	336	380	249	109	51	27	21	14	13	6	0	0	0	1216
45 & above	88	92	8	11	9	5	3	7	1	1	0	1	0	228
Age Not Stated	34	12	11	1	3	0	1	0	0	0	0	0	104	166
All Religions Total	62678	52748	19720	4481	986	272	139	72	36	16	0	1	0	524
														141673

TABLE - B15

Live Birth by age of Mother, Birth Order and Religion of the Family (Urban)

Age of Mother & Religion of Family	Birth Order													Not Stated	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above		
Hindus															
Below 15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
15-19	2780	47	5	1	0	0	0	0	0	0	0	0	0	3	2836
20-24	35868	9229	676	39	5	0	0	0	0	0	0	0	0	18	45835
25-29	30469	27869	3116	233	39	1	2	0	0	0	0	0	0	30	61759
30-34	7388	19581	3056	225	40	16	4	0	0	0	0	0	0	7	30317
35-39	1846	4824	1024	118	32	15	7	3	2	2	0	0	0	5	7878
40-44	300	381	56	13	3	1	0	0	0	1	0	0	0	0	755
45 & above	49	51	6	2	1	0	0	1	0	0	0	0	0	0	110
Age Not Stated	63	35	8	1	0	0	0	0	0	0	0	0	0	17	124
Hindus Total	78765	62017	7947	632	120	33	13	4	2	3	0	0	0	80	149616
Muslims															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2
15-19	11369	186	13	2	0	0	0	0	0	0	0	0	0	4	11574
20-24	35225	21675	2788	101	7	0	0	0	0	0	0	0	0	50	59846
25-29	8901	22511	15439	2065	150	3	0	0	0	0	0	0	0	44	49113
30-34	1959	5943	11779	4626	751	107	20	4	2	0	0	0	0	14	25205
35-39	553	1097	2687	2142	703	177	39	12	5	0	0	0	0	4	7419
40-44	89	109	152	195	106	38	13	3	0	3	0	0	0	1	709
45 & above	3	5	3	4	2	3	0	1	0	0	0	0	0	2	23

Age Not Stated	28	28	18	0	1	0	0	0	0	0	0	0	0	0	7	82
Muslims Total	58128	51554	32879	9135	1720	328	72	20	7	3	0	0	0	0	127	153973
Christians																
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	388	5	0	0	0	0	0	0	0	0	0	0	0	0	1	394
20-24	6383	1843	172	6	1	0	0	0	0	0	0	0	0	0	9	8414
25-29	10826	6825	1270	70	12	2	1	0	0	0	0	0	0	0	18	19024
30-34	2540	6100	2143	201	20	8	1	1	0	1	0	0	0	0	7	11022
35-39	420	1307	1053	164	22	9	2	5	1	1	0	0	0	0	4	2988
40-44	46	132	119	37	10	2	2	0	0	2	0	0	0	0	1	351
45 & above	4	11	2	3	0	0	0	2	0	0	0	0	0	0	0	22
Age Not Stated	11	4	1	0	0	0	0	0	0	0	0	0	0	0	6	22
Christians Total	20618	16227	4760	481	65	21	6	8	1	4	0	0	0	46	42237	
Others																
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
20-24	107	22	2	1	0	0	0	0	0	0	0	0	0	0	0	132
25-29	162	56	10	1	0	0	0	0	0	0	0	0	0	0	2	231
30-34	69	59	9	2	0	0	0	1	0	0	0	0	0	0	0	140
35-39	17	22	4	1	1	0	0	0	0	0	0	0	0	0	0	45
40-44	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6
45 & above	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Age Not Stated	13	1	0	0	0	0	0	0	0	0	0	0	0	0	8	22
Others Total	385	163	25	5	1	0	0	1	0	0	0	0	0	10	590	

Not Stated													
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	3	0	0	0	0	0	0	0	0	0	0	3
25-29	0	1	0	0	0	0	0	0	0	0	0	0	1
30-34	0	0	0	0	0	0	0	0	0	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0	0
45 & above	0	0	0	0	0	0	0	0	0	0	0	0	0
Age Not Stated	0	0	0	0	0	0	0	0	0	0	0	81	81
Not Stated Total	0	4	0	0	0	0	0	0	0	0	0	81	85
All religions													
Below 15	3	0	0	0	0	0	0	0	0	0	0	0	4
15-19	14551	238	18	3	0	0	0	0	0	0	0	0	8
20-24	77583	32772	3638	147	13	0	0	0	0	0	0	0	77
25-29	50358	57262	19835	2369	201	6	3	0	0	0	0	0	94
30-34	11956	31683	16987	5054	811	131	25	6	2	1	0	0	28
35-39	2836	7250	4768	2425	758	201	48	20	8	3	0	0	13
40-44	438	625	327	245	119	41	15	3	0	6	0	0	2
45 & above	56	67	11	9	3	3	0	4	0	0	0	0	155
Age Not Stated	115	68	27	1	1	0	0	0	0	0	0	0	331
All religions Total	157896	129965	45611	10253	1906	382	91	33	10	10	0	0	344
													346501

TABLE - B15(a)

Live Birth by age of Mother, Birth Order and Religion of the Family (Rural & Urban)

Age of Mother & Religion of Family	Birth Order													Not Stated	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above		
Hindus															
Below 15	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3
15-19	3803	79	15	4	0	0	0	0	0	0	0	0	0	9	3910
20-24	47870	12653	1031	74	7	0	0	0	0	0	0	0	0	55	61690
25-29	41202	37323	4429	351	61	5	4	0	0	0	0	0	0	72	83447
30-34	10190	26402	4315	333	72	24	10	2	0	0	0	0	0	22	41370
35-39	2635	6567	1522	198	66	29	19	5	3	2	0	0	0	13	11059
40-44	511	603	97	20	8	3	2	2	2	1	0	0	0	2	1251
45 & above	110	125	7	4	3	0	1	2	0	0	0	0	0	0	252
Age Not Stated	83	39	10	1	0	0	0	0	0	0	0	0	0	43	176
Hindus Total	106406	83791	11426	985	217	61	36	11	5	3	0	0	0	217	203158
Muslims															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2
15-19	15630	239	27	2	0	0	0	0	0	0	0	0	0	10	15908
20-24	48502	30430	3780	150	11	0	0	0	0	0	0	0	0	93	82966
25-29	12277	31151	21361	2843	228	5	1	0	0	0	0	0	0	75	67941
30-34	2643	8327	16563	6460	1092	161	44	10	4	0	0	0	0	26	35330
35-39	804	1553	3692	3039	985	264	67	26	11	0	0	0	0	9	10450
40-44	137	158	242	267	138	56	22	8	2	5	0	0	0	5	1040
45 & above	8	7	4	8	6	5	1	4	0	0	0	0	0	2	45
Age Not Stated	42	36	25	1	4	0	1	0	0	0	0	0	0	14	123
Muslims Total	80044	71901	45694	12770	2464	491	136	48	17	5	0	0	0	235	213805

Christians														
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	579	17	13	1	0	0	0	0	0	0	0	0	0	14
20-24	9850	2916	365	38	7	0	0	0	0	0	0	0	0	66
25-29	17789	10984	2125	173	46	4	4	0	0	0	0	0	0	99
30-34	4386	10127	3592	360	63	41	20	14	6	7	0	0	0	45
35-39	723	2253	1782	308	65	44	20	19	8	4	0	0	0	16
40-44	119	237	236	66	24	9	12	7	9	6	0	0	0	5
45 & above	26	27	8	8	3	3	1	5	1	1	0	1	0	86
Age Not Stated	11	4	3	0	0	0	0	0	0	0	0	0	0	35
Christians Total	33483	26565	8124	954	208	101	57	45	24	18	0	1	0	264
Others														
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	19	0	0	0	0	0	0	0	0	0	0	0	0	19
20-24	196	60	5	1	0	0	0	0	0	0	0	0	0	262
25-29	276	176	39	7	1	0	0	0	0	0	0	0	0	2
30-34	105	153	29	11	1	0	0	1	0	0	0	0	0	300
35-39	24	50	12	4	1	1	1	0	0	0	0	0	0	94
40-44	7	7	1	1	0	0	0	0	0	0	0	0	0	16
45 & above	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Age Not Stated	13	1	0	0	0	0	0	0	0	0	0	0	0	22
Others Total	640	447	86	24	3	1	1	1	0	0	0	0	11	1214

Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	6
25-29	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4
30-34	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
35-39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 & above	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Age Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	141	141	141
Not Stated Total	1	9	1	1	0	0	0	0	0	0	0	0	0	141	153	
All religions																
Below 15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5
15-19	20031	335	55	7	0	0	0	0	0	0	0	0	0	0	33	20461
20-24	106418	46064	5182	263	25	0	0	0	0	0	0	0	0	0	214	158166
25-29	71545	79637	27954	3374	336	14	9	0	0	0	0	0	0	0	248	183117
30-34	17324	45010	24499	7165	1228	226	74	27	10	7	0	0	0	93	95663	
35-39	4186	10423	7008	3549	1117	338	107	50	22	6	0	0	0	39	26845	
40-44	774	1005	576	354	170	68	36	17	13	12	0	0	0	12	3037	
45 & above	144	159	19	20	12	8	3	11	1	1	0	1	0	4	383	
Age Not Stated	149	80	38	2	4	0	1	0	0	0	0	0	0	223	497	
All Religions Total	220574	182713	65331	14734	2892	654	230	105	46	26	0	1	0	868	488174	

TABLE - B16

Live Birth by Occupation of Father and Birth Order (Rural & Urban)

Occupation of Father	Birth Order														Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above	Not Stated		
All Areas																
Professional, Technical and related workers	258	247	79	14	2	0	0	0	0	0	0	0	0	0	600	
Administrative, Executive and Managerial Workers	2409	1647	300	29	6	4	1	1	0	0	0	0	0	0	5	4402
Clerical and Related Workers	2027	1510	272	37	6	2	2	0	0	0	0	0	0	0	10	3866
Sales Workers	6353	5452	2389	526	94	10	5	5	0	0	0	0	0	0	28	14862
Service Workers	4869	3919	885	168	53	13	10	3	0	1	0	0	0	0	15	9936
Farmers, Fishers, Hunters, Loggers & related workers	6283	6876	3206	704	157	59	27	17	12	7	0	0	0	0	115	17463
Production and other related workers, transport & other equipment operators & labourers	54357	52033	20554	4923	962	175	39	18	8	3	0	0	0	0	138	133210
Workers whose occupation are not elsewhere classified	103537	81849	29471	6911	1313	276	84	36	11	3	0	0	0	0	180	223671
Non Workers	5895	4904	1659	339	105	37	31	15	7	9	0	1	0	0	120	13122
Not Stated	34586	24276	6516	1083	194	78	31	10	8	3	0	0	0	0	257	67042
All Areas Total	220574	182713	65331	14734	2892	654	230	105	46	26	0	1	0	868	488174	
Rural Areas																
Administrative, Executive and Managerial Workers	906	648	124	16	5	1	1	1	0	0	0	0	0	4	1706	
Clerical and Related Workers	762	589	118	21	2	2	2	0	0	0	0	0	0	9	1505	
Sales Workers	2347	1891	848	169	34	5	5	0	0	0	0	0	0	18	5322	
Service Workers	1886	1637	410	88	38	6	10	2	0	1	0	0	0	14	4092	

Farmers, Fishers, Hunters, Loggers & related workers	3209	3431	1509	351	87	43	24	17	12	6	0	0	0	103	8792
Production and other related workers, transport & other equipment operators & labourers	14110	13277	5418	1170	229	51	13	8	1	0	0	0	0	41	34318
Workers whose occupation are not elsewhere classified	26576	21927	8310	2122	439	105	34	18	9	2	0	0	0	92	59634
Non Workers	2381	2259	915	189	71	28	27	14	7	7	0	1	0	106	6005
Not Stated	10501	7089	2068	355	81	31	23	7	7	0	0	0	0	137	20299
Rural Areas Total	62678	52748	19720	4481	986	272	139	72	36	16	0	1	0	524	141673
Urban Areas															
Professional, Technical and related workers	258	247	79	14	2	0	0	0	0	0	0	0	0	0	600
Administrative, Executive and Managerial Workers	1503	999	176	13	1	3	0	0	0	0	0	0	0	1	2696
Clerical and Related Workers	1265	921	154	16	4	0	0	0	0	0	0	0	0	1	2361
Sales Workers	4006	3561	1541	357	60	5	0	0	0	0	0	0	0	10	9540
Service Workers	2983	2282	475	80	15	7	0	1	0	0	0	0	0	1	5844
Farmers, Fishers, Hunters, Loggers & related workers	3074	3445	1697	353	70	16	3	0	0	1	0	0	0	12	8671
Production and other related workers, transport & other equipment operators & labourers	40247	38756	15136	3753	733	124	26	10	7	3	0	0	0	97	98892
Workers whose occupation are not elsewhere classified	76961	59922	21161	4789	874	171	50	18	2	1	0	0	0	88	164037
Non Workers	3514	2645	744	150	34	9	4	1	0	2	0	0	0	14	7117
Not Stated	24085	17187	4448	728	113	47	8	3	1	3	0	0	0	120	46743
Urban Areas Total	157896	129965	45611	10253	1906	382	91	33	10	10	0	0	0	344	346501

TABLE - B17

Live Birth by Occupation of Mother and Birth Order (Rural & Urban)

Occupation of Mother	Birth Order														Not Stated	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above			
All Areas																
Professional, Technical and related workers	259	245	78	14	2	0	0	1	0	0	0	0	0	0	1	600
Administrative, Executive and Managerial Workers	518	399	54	3	0	0	0	0	0	0	0	0	0	0	4	978
Clerical and Related Workers	542	583	54	6	0	1	0	0	0	0	0	0	0	0	4	1190
Sales Workers	115	107	36	8	2	1	2	1	0	0	0	0	0	0	2	274
Service Workers	579	471	88	8	3	0	1	0	0	0	0	0	0	0	2	1152
Farmers, Fishers, Hunters, Loggers & related workers	299	313	84	27	5	2	3	3	1	0	0	0	0	0	11	748
Production and other related workers, transport & other equipment operators & labourers	796	784	162	26	8	4	2	0	0	0	0	0	0	0	2	1784
Workers whose occupation are not elsewhere classified	40440	31757	10650	2465	522	95	29	15	3	1	0	0	0	0	86	86063
Non Workers	126914	109607	42565	9948	1910	425	150	70	31	20	0	1	0	0	456	292097
Not Stated	50112	38447	11560	2229	440	126	43	15	11	5	0	0	0	0	300	103288
All Areas Total	220574	182713	65331	14734	2892	654	230	105	46	26	0	1	0	868	488174	
Rural Areas																
Administrative, Executive and Managerial Workers	190	147	18	1	0	0	0	0	0	0	0	0	0	0	2	358
Clerical and Related Workers	203	209	29	4	0	1	0	0	0	0	0	0	0	0	4	450
Sales Workers	30	39	18	5	0	0	2	1	0	0	0	0	0	0	2	97

Service Workers	213	183	41	3	3	0	1	0	0	0	0	0	0	1	445
Farmers, Fishers, Hunters, Loggers & related workers	269	279	62	26	5	2	3	3	1	0	0	0	0	10	660
Production and other related workers, transport & other equipment operators & labourers	140	110	41	7	3	3	0	0	0	0	0	0	0	1	305
Workers whose occupation are not elsewhere classified	7944	6470	1860	401	96	17	5	4	2	1	0	0	0	30	16830
Non Workers	37361	32871	13637	3232	686	188	94	52	24	14	0	1	0	302	88462
Not Stated	16328	12440	4014	802	193	61	34	12	9	1	0	0	0	172	34066
Rural Areas Total	62678	52748	19720	4481	986	272	139	72	36	16	0	1	0	524	141673
Urban Areas															
Professional, Technical and related workers	259	245	78	14	2	0	0	1	0	0	0	0	0	1	600
Administrative, Executive and Managerial Workers	328	252	36	2	0	0	0	0	0	0	0	0	0	2	620
Clerical and Related Workers	339	374	25	2	0	0	0	0	0	0	0	0	0	0	740
Sales Workers	85	68	18	3	2	1	0	0	0	0	0	0	0	0	177
Service Workers	366	288	47	5	0	0	0	0	0	0	0	0	0	1	707
Farmers, Fishers, Hunters, Loggers & related workers	30	34	22	1	0	0	0	0	0	0	0	0	0	1	88
Production and other related workers, transport & other equipment operators & labourers	656	674	121	19	5	1	2	0	0	0	0	0	0	1	1479
Workers whose occupation are not elsewhere classified	32496	25287	8790	2064	426	78	24	11	1	0	0	0	0	56	69233
Non Workers	89553	76736	28928	6716	1224	237	56	18	7	6	0	0	0	154	203635
Not Stated	33784	26007	7546	1427	247	65	9	3	2	4	0	0	0	128	69222
Urban Areas Total	157896	129965	45611	10253	1906	382	91	33	10	10	0	0	0	344	346501

TABLE - B18

Live Birth by Duration of Marriage of the Mother and Birth Order (Rural & Urban)

Duration of Marriage	Birth Order														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above	Not Stated	
Rural Areas															
0-4	56514	17860	1127	100	0	0	0	0	0	0	0	0	0	132	75733
5-9	4833	29011	9267	795	125	0	0	0	0	0	0	0	0	210	44241
10-14	875	4977	7484	2044	343	94	48	17	4	5	0	0	0	51	15942
15-19	268	728	1638	1301	403	123	54	24	13	3	0	0	0	11	4566
20-24	87	118	163	212	99	47	32	23	15	7	0	0	0	11	814
25-29	9	9	8	18	10	6	4	6	4	1	0	0	0	2	77
30 and above	5	1	0	3	2	0	0	2	0	0	0	1	0	2	16
Not Stated	87	44	33	8	4	2	1	0	0	0	0	0	0	105	284
Rural Areas Total	62678	52748	19720	4481	986	272	139	72	36	16	0	1	0	524	141673
Urban Areas															
0-4	143410	41560	1934	88	0	0	0	0	0	0	0	0	0	50	187042
5-9	11414	73903	21542	1689	130	0	0	0	0	0	0	0	0	149	108827
10-14	2006	12421	17591	4676	641	90	16	3	0	1	0	0	0	22	37467
15-19	410	1530	3977	3171	842	201	39	17	6	1	0	0	0	0	10194
20-24	96	202	419	580	262	80	34	11	4	7	0	0	0	2	1697
25-29	12	20	21	25	27	11	2	2	0	1	0	0	0	1	122
30 and above	1	1	0	1	0	0	0	0	0	0	0	0	0	0	3
Not Stated	547	328	127	23	4	0	0	0	0	0	0	0	0	120	1149
Urban Areas Total	157896	129965	45611	10253	1906	382	91	33	10	10	0	0	0	344	346501
All Areas															
0-4	199924	59420	3061	188	0	0	0	0	0	0	0	0	0	182	262775
5-9	16247	102914	30809	2484	255	0	0	0	0	0	0	0	0	359	153068
10-14	2881	17398	25075	6720	984	184	64	20	4	6	0	0	0	73	53409
15-19	678	2258	5615	4472	1245	324	93	41	19	4	0	0	0	11	14760
20-24	183	320	582	792	361	127	66	34	19	14	0	0	0	13	2511
25-29	21	29	29	43	37	17	6	8	4	2	0	0	0	3	199
30 and above	6	2	0	4	2	0	0	2	0	0	0	1	0	2	19
Not Stated	634	372	160	31	8	2	1	0	0	0	0	0	0	225	1433
All Areas Total	220574	182713	65331	14734	2892	654	230	105	46	26	0	1	0	868	488174

TABLE - B19

Live Birth by Duration of Marriage and Age of Mother (Rural & Urban)

Duration of Marriage	Age of the Mother									Total
	Below 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 & Above	Age Not Stated	
Rural Areas										
0-4	1	5623	37095	26244	5696	919	136	19	0	75733
5-9	0	5	6809	23162	12164	1917	153	31	0	44241
10-14	0	0	3	3552	9373	2748	247	19	0	15942
15-19	0	0	0	2	1711	2491	323	39	0	4566
20-24	0	0	0	0	6	426	313	69	0	814
25-29	0	0	0	0	0	2	40	35	0	77
30 and above	0	0	0	0	0	0	0	16	0	16
Not Stated	0	15	29	29	29	12	4	0	166	284
Rural Areas Total	1	5643	43936	52989	28979	8515	1216	228	166	141673
Urban Areas										
0-4	1	14765	96856	60851	12228	2081	245	15	0	187042
5-9	0	10	17113	59853	27533	4045	248	25	0	108827
10-14	0	0	9	9132	22446	5549	315	16	0	37467
15-19	0	0	0	21	4276	5486	395	16	0	10194
20-24	0	0	0	0	17	1112	523	45	0	1697
25-29	0	0	0	0	0	2	88	32	0	122
30 and above	0	0	0	0	0	0	0	3	0	3
Not Stated	3	43	252	271	184	55	7	3	331	1149
Urban Areas Total	4	14818	114230	130128	66684	18330	1821	155	331	346501
All Areas										
0-4	2	20388	133951	87095	17924	3000	381	34	0	262775
5-9	0	15	23922	83015	39697	5962	401	56	0	153068
10-14	0	0	12	12684	31819	8297	562	35	0	53409
15-19	0	0	0	23	5987	7977	718	55	0	14760
20-24	0	0	0	0	23	1538	836	114	0	2511
25-29	0	0	0	0	0	4	128	67	0	199
30 and above	0	0	0	0	0	0	0	19	0	19
Not Stated	3	58	281	300	213	67	11	3	497	1433
All Areas Total	5	20461	158166	183117	95663	26845	3037	383	497	488174

TABLE - B 20**Live Birth by Duration of Pregnancy and Birth Weight (Rural & Urban)**

Duration of Pregnancy (Weeks)	Birth Weight (in Kgs)											
	Less than 1.500			1.500- 2.000			2.000 – 2.500			2.500-3.000		
	R	U	T	R	U	T	R	U	T	R	U	T
<32	701	1126	1827	185	364	549	37	82	119	75	94	169
32-36	513	1073	1586	1912	4075	5987	4596	8794	13390	6503	10285	16788
37-39	412	236	648	1366	2227	3593	10770	24945	35715	40415	100079	140494
40	13	113	126	47	474	521	961	4366	5327	6169	21532	27701
40+	0	0	0	2	0	2	29	16	45	71	94	165
Not Stated	2	7	9	3	2	5	22	19	41	50	64	114
Total	1641	2555	4196	3515	7142	10657	16415	38222	54637	53283	132148	185431

TABLE- B 20 Contd..

Duration of Pregnancy (Weeks)	Birth Weight (in Kgs)											
	3.000 - 4.000			4.000+			Not Stated			Total		
	R	U	T	R	U	T	R	U	T	R	U	T
<32	74	80	154	2	2	4	91	132	223	1165	1880	3045
32-36	4703	7036	11739	117	175	292	13	20	33	18357	31458	49815
37-39	48272	120237	168509	1063	2894	3957	47	51	98	102345	250669	353014
40	11742	34560	46302	418	872	1290	6	13	19	19356	61930	81286
40+	94	140	234	6	2	8	0	0	0	202	252	454
Not Stated	59	76	135	2	4	6	110	140	250	248	312	560
Total	64944	162129	227073	1608	3949	5557	267	356	623	141673	346501	488174

TABLE - B21												
Live Birth by Age of Mother and Birth Weight (Rural and Urban)												
Age of Mother (Years)	Less Than 1.500			1.500 - 2.000			2.000 - 2.500			2.500 - 3.000		
	R	U	T	R	U	T	R	U	T	R	U	T
	Below 15	0	0	0	1	1	1	1	2	0	1	1
15-19	52	83	135	124	304	428	749	1842	2591	2317	6173	8490
20-24	420	764	1184	965	2222	3187	5145	12868	18013	17204	44603	61807
25-29	515	837	1352	1144	2404	3548	5785	13432	19217	19717	48951	68668
30-34	396	578	974	809	1481	2290	3294	7363	10657	10526	24810	35336
35-39	179	228	407	313	582	895	1139	2332	3471	3034	6823	9857
40-44	63	44	107	106	107	213	217	303	520	416	669	1085
45 & above	16	11	27	53	32	85	77	47	124	49	34	83
Age Not Stated	0	10	10	1	9	10	8	34	42	20	84	104
Total	1641	2555	4196	3515	7142	10657	16415	38222	54637	53283	132148	185431

TABLE – B 21 Contd..												
Age of Mother (Years)	3.000 - 4.000			4.000+			Not Stated			Total		
	R	U	T	R	U	T	R	U	T	R	U	T
Below 15	0	1	1	0	0	0	0	0	0	1	4	5
15-19	2366	6324	8690	35	87	122	0	5	5	5643	14818	20461
20-24	19780	52635	72415	385	1060	1445	37	78	115	43936	114230	158166
25-29	25151	62858	88009	613	1550	2163	64	96	160	52989	130128	183117
30-34	13502	31489	44991	412	924	1336	40	39	79	28979	66684	95663
35-39	3691	8034	11725	145	308	453	14	23	37	8515	18330	26845
40-44	388	673	1061	17	20	37	9	5	14	1216	1821	3037
45 & above	31	31	62	0	0	0	2	0	2	228	155	383
Age Not Stated	35	84	119	1	0	1	101	110	211	166	331	497
Total	64944	162129	227073	1608	3949	5557	267	356	623	141673	346501	488174

TABLE - B 22

Live Births by Birth Order and Birth Weight (Rural and Urban)

Birth Order	Birth Weight (in kgs)											
	Less Than 1.500			1.500 - 2.000			2.000 - 2.500			2.500 - 3.000		
	R	U	T	R	U	T	R	U	T	R	U	T
1	683	1160	1843	1483	3145	4628	7498	18292	25790	24254	61564	85818
2	681	946	1627	1406	2677	4083	6017	13589	19606	19465	49791	69256
3	218	364	582	483	988	1471	2171	4886	7057	7330	16488	23818
4	47	62	109	106	241	347	509	1118	1627	1511	3468	4979
5	8	14	22	18	58	76	105	232	337	342	565	907
6	1	4	5	9	14	23	33	44	77	97	133	230
7	1	1	2	4	1	5	13	14	27	48	30	78
8	0	0	0	0	0	0	13	6	19	28	12	40
9	0	0	0	0	0	0	4	0	4	16	4	20
10 and Above	0	0	0	0	2	2	0	0	0	13	3	16
Not Stated	2	4	6	6	16	22	52	41	93	179	90	269
Total	1641	2555	4196	3515	7142	10657	16415	38222	54637	53283	132148	185431

TABLE B – 22 Contd..

Birth Order	3.000 - 4.000			4.000+			Not Stated			Total		
	R	U	T	R	U	T	R	U	T	R	U	T
1	28083	72099	100182	595	1499	2094	82	137	219	62678	157896	220574
2	24521	61390	85911	595	1495	2090	63	77	140	52748	129965	182713
3	9224	22176	31400	278	682	960	16	27	43	19720	45611	65331
4	2198	5138	7336	101	220	321	9	6	15	4481	10253	14734
5	496	992	1488	17	44	61	0	1	1	986	1906	2892
6	125	181	306	7	6	13	0	0	0	272	382	654
7	66	44	110	7	1	8	0	0	0	139	91	230
8	29	15	44	2	0	2	0	0	0	72	33	105
9	15	6	21	1	0	1	0	0	0	36	10	46
10 and Above	4	4	8	0	1	1	0	0	0	17	10	27
Not Stated	183	84	267	5	1	6	97	108	205	524	344	868
Total	64944	162129	227073	1608	3949	5557	267	356	623	141673	346501	488174

TABLE - B23**Live Births by Method of Delivery and Age of the Mother (Rural & Urban)**

Method of Delivery	Age of Mother										Total
	Below 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 and above	Not Stated		
Rural Areas											
Natural	1	4064	28335	29894	14731	3949	422	39	53	81488	
Caesarean	0	1337	14246	21613	13595	4429	780	189	10	56199	
Vacuum/Forceps	0	241	1349	1475	646	136	12	0	1	3860	
Not Stated	0	1	6	7	7	1	2	0	102	126	
Rural Total	1	5643	43936	52989	28979	8515	1216	228	166	141673	
Urban Areas											
Natural	3	10081	69630	69877	32948	8076	610	21	136	191382	
Caesarean	1	4025	40405	56955	32599	9959	1188	133	83	145348	
Vacuum/Forceps	0	712	4189	3293	1135	295	23	1	3	9651	
Not Stated	0	0	6	3	2	0	0	0	109	120	
Urban Total	4	14818	114230	130128	66684	18330	1821	155	331	346501	
All Areas											
Natural	4	14145	97965	99771	47679	12025	1032	60	189	272870	
Caesarean	1	5362	54651	78568	46194	14388	1968	322	93	201547	
Vacuum/Forceps	0	953	5538	4768	1781	431	35	1	4	13511	
Not Stated	0	1	12	10	9	1	2	0	211	246	
All Total	5	20461	158166	183117	95663	26845	3037	383	497	488174	

TABLE - B24**Female Birth by Age of Mother**

Sl. No.	Age of Mother	Rural	Urban	Total
1	15-19	2732	7133	9865
2	20-24	21650	56015	77665
3	25-29	25857	63640	89497
4	30-34	14344	32778	47122
5	35-39	4271	9117	13388
6	40-44	595	891	1486
7	45-49	102	73	175
State Total			69551	169647
				239198

TABLE - B25

Live Birth by Qualification of Mother and Father (Rural & Urban)

Qualification of Mother	Qualification of Father									
	Illiterate	Below Primary	Primary but below Matric	Matric but below Graduate	Graduate	Post Graduate	Diploma	Professional Engg/MBBS	Not Stated	Total
Rural Areas										
Illiterate	41	2	24	2	0	0	0	0	1	70
Below Primary	17	153	95	27	1	2	1	0	8	304
Primary but below Matric	125	113	9243	2138	108	28	31	19	67	11872
Matric but below Graduate	53	132	10990	45830	3598	858	1140	573	101	63275
Graduate	0	7	1481	11904	7928	1371	2152	899	59	25801
Post Graduate	1	10	308	2911	2536	3551	931	1109	30	11387
Diploma	1	5	317	2295	879	207	2011	209	17	5941
Professional Engg/MBBS	0	0	269	1866	1398	878	1032	3336	14	8793
Not Stated	238	18	232	100	16	11	17	6	13592	14230
Rural Areas Total	476	440	22959	67073	16464	6906	7315	6151	13889	141673
Urban Areas										
Illiterate	97	6	38	7	0	0	0	0	2	150
Below Primary	77	472	260	204	13	2	9	5	12	1054
Primary but below Matric	297	936	23529	4892	264	89	87	122	147	30363
Matric but below Graduate	92	654	28893	116949	9269	1705	2275	1102	233	161172
Graduate	11	52	4421	29037	23702	3711	4086	1480	91	66591
Post Graduate	0	20	737	6282	6077	8470	1795	1283	25	24689
Diploma	2	10	678	4042	1452	406	2886	270	12	9758
Professional Engg/MBBS	3	23	884	3462	2509	1025	1114	6081	13	15114
Not Stated	1194	57	427	280	93	13	20	15	35511	37610
Urban Areas Total	1773	2230	59867	165155	43379	15421	12272	10358	36046	346501
All Areas										
Illiterate	138	8	62	9	0	0	0	0	3	220
Below Primary	94	625	355	231	14	4	10	5	20	1358
Primary but below Matric	422	1049	32772	7030	372	117	118	141	214	42235
Matric but below Graduate	145	786	39883	162779	12867	2563	3415	1675	334	224447
Graduate	11	59	5902	40941	31630	5082	6238	2379	150	92392
Post Graduate	1	30	1045	9193	8613	12021	2726	2392	55	36076
Diploma	3	15	995	6337	2331	613	4897	479	29	15699
Professional Engg/MBBS	3	23	1153	5328	3907	1903	2146	9417	27	23907
Not Stated	1432	75	659	380	109	24	37	21	49103	51840
All Areas Total	2249	2670	82826	232228	59843	22327	19587	16509	49935	488174

Sl. No.	DISTRICT	Rural/ Urban	Towns with Population one lakh and above	Deaths by Place of Occurrence				Place of Residence of Deceased				
				Male	Female	NR	Total	Within the Registration Unit	Outside the Registration Unit	Place of Residence outside state	NR	Total
1	Kasaragod	Rural		3121	2581	0	5702	4683	253	0	766	5702
		Urban		1038	828	0	1866	639	865	0	362	1866
		Total		4159	3409	0	7568	5322	1118	0	1128	7568
2	Kannur	Rural		6066	5061	1	11128	8005	1835	0	1288	11128
		Urban		4363	3578	0	7941	1693	2705	0	3543	7941
		Total		10429	8639	1	19069	9698	4540	0	4831	19069
		Kannur (C)		1546	1279	0	2825	46	870	0	1909	2825
3	Wayanad	Rural		1974	1437	0	3411	2929	343	0	139	3411
		Urban		913	679	0	1592	129	718	0	745	1592
		Total		2887	2116	0	5003	3058	1061	0	884	5003
4	Kozhikode	Rural		5359	5016	0	10375	8638	970	0	767	10375
		Urban		9901	6921	0	16822	5135	5084	0	6603	16822
		Total		15260	11937	0	27197	13773	6054	0	7370	27197
		Kozhikode (C)		8292	5437	0	13729	4371	4056	0	5302	13729
5	Malappuram	Rural		6293	5732	0	12025	8397	1370	0	2258	12025
		Urban		4038	3192	0	7230	1665	2838	0	2727	7230
		Total		10331	8924	0	19255	10062	4208	0	4985	19255
		Manjeri (M)		791	575	0	1366	478	730	0	158	1366
6	Palakkad	Rural		7431	6880	0	14311	10596	1291	0	2424	14311
		Urban		2596	1924	0	4520	1619	1490	0	1411	4520
		Total		10027	8804	0	18831	12215	2781	0	3835	18831
		Palakkad (M)		1603	1113	0	2716	914	930	0	872	2716
7	Thrissur	Rural		10433	9048	0	19481	12251	2578	0	4652	19481
		Urban		5764	4208	0	9972	3890	2180	0	3902	9972
		Total		16197	13256	0	29453	16141	4758	0	8554	29453
		Thrissur (C)		3095	2095	0	5190	1751	1055	0	2384	5190

		Rural		7506	6680	1	14187	10759	1703	0	1725	14187
8	Ernakulam	Urban		3981	2790	0	6771	1788	2542	0	2441	6771
		Total		11487	9470	1	20958	12547	4245	0	4166	20958
		Thrippunithura (M)		346	288	0	634	497	90	0	47	634
9		Rural		3385	2507	1	5893	4926	594	0	373	5893
	Idukki	Urban		787	520	1	1308	283	473	0	552	1308
		Total		4172	3027	2	7201	5209	1067	0	925	7201
		Rural		9305	6766	0	16071	9034	3441	0	3596	16071
10	Kottayam	Urban		2473	1756	0	4229	1534	1697	0	998	4229
		Total		11778	8522	0	20300	10568	5138	0	4594	20300
		Kottayam (M)		836	579	0	1415	946	328	0	141	1415
11		Rural		7333	6675	1	14009	8548	3353	0	2108	14009
	Alappuzha	Urban		1804	1442	0	3246	1974	840	0	432	3246
		Total		9137	8117	1	17255	10522	4193	0	2540	17255
		Alappuzha (M)		578	504	0	1082	902	115	0	65	1082
12	Pathanamthitta	Rural		4728	4068	0	8796	7094	1051	0	651	8796
		Urban		2376	1630	0	4006	1026	1601	0	1379	4006
		Total		7104	5698	0	12802	8120	2652	0	2030	12802
13	Kollam	Rural		8008	6765	1	14774	11046	2010	0	1718	14774
		Urban		3306	2528	0	5834	3283	1710	0	841	5834
		Total		11314	9293	1	20608	14329	3720	0	2559	20608
		Kollam (C)		2139	1657	0	3796	2688	878	0	230	3796
14	Thiruvananthapuram	Rural		6971	6212	0	13183	11738	865	0	580	13183
		Urban		11550	8295	2	19847	9136	4466	0	6245	19847
		Total		18521	14507	2	33030	20874	5331	0	6825	33030
		Thiruvananthapuram (C)		10479	7420	2	17901	7751	4069	0	6081	17901
	State	Rural		87913	75428	5	163346	118644	21657	0	23045	163346
		Urban		54890	40291	3	95184	33794	29209	0	32181	95184
		Total		142803	115719	8	258530	152438	50866	0	55226	258530

TABLE - D2

Deaths by Place of Residence, Districts (Rural and Urban) and Towns with Population One Lakh and Above

Sl. No.	District	Rural/ Urban	Towns with Population one Lakh and above	Deaths by Place of Residence				Death Rate	Place of Occurrence of Death			
				Male	Female	NR	Total		Within the Registration Unit	Outside the Registration Unit	NR	Total
1	Kasaragod	Rural		3172	2578	0	5750	4.73	4683	1067	0	5750
		Urban		367	323	0	690	3.92	639	51	0	690
		Total		3539	2901	0	6440	4.63	5322	1118	0	6440
2	Kannur	Rural		6444	5470	1	11915	6.21	8005	3910	0	11915
		Urban		1269	1058	0	2327	3.33	1693	634	0	2327
		Total		7713	6528	1	14242	5.45	9698	4544	0	14242
		Kannur (C)		107	66	0	173	0.73	46	127	0	173
3	Wayanad	Rural		2280	1676	0	3956	5.53	2929	1027	0	3956
		Urban		86	78	0	164	1.25	129	35	0	164
		Total		2366	1754	0	4120	4.87	3058	1062	0	4120
4	Kozhikode	Rural		7685	6420	0	14105	6.3	8638	5467	0	14105
		Urban		3106	2599	0	5705	5.64	5135	570	0	5705
		Total		10791	9019	0	19810	6.1	13773	6037	0	19810
		Kozhikode (C)		2415	2023	0	4438	7.23	4371	67	0	4438

		Rural		6472	5796	0	12268	3.41	8397	3871	0	12268
5	Malappuram	Urban		1092	922	0	2014	2.48	1665	349	0	2014
		Total		7564	6718	0	14282	3.24	10062	4220	0	14282
		Manjeri (M)		293	220	0	513	4.74	478	35	0	513
		Rural		6904	6212	0	13116	5.05	10596	2520	0	13116
6	Palakkad	Urban		1008	880	0	1888	5.32	1619	269	0	1888
		Total		7912	7092	0	15004	5.08	12215	2789	0	15004
		Palakkad (M)		528	452	0	980	7.48	914	66	0	980
7	Thrissur	Rural		8491	7754	0	16245	6.46	12251	3994	0	16245
		Urban		2416	2229	0	4645	6.37	3890	755	0	4645
		Total		10907	9983	0	20890	6.44	16141	4749	0	20890
		Thrissur (C)		994	919	0	1913	6.08	1751	162	0	1913
8	Ernakulam	Rural		7603	6701	1	14305	6.39	10759	3546	0	14305
		Urban		1402	1086	0	2488	2.09	1788	700	0	2488
		Total		9005	7787	1	16793	4.9	12547	4246	0	16793
		Thrippunithura (M)		312	263	0	575	5.75	497	78	0	575
		Kochi (C)		178	103	0	281	0.46	0	281	0	281
9	Idukki	Rural		3461	2515	2	5978	6.03	4926	1052	0	5978
		Urban		163	136	0	299	2.94	283	16	0	299
		Total		3624	2651	2	6277	5.74	5209	1068	0	6277

10	Kottayam	Rural		7623	5937	0	13560	8.07	9034	4526	0	13560
		Urban		1251	895	0	2146	7.06	1534	612	0	2146
		Total		8874	6832	0	15706	7.92	10568	5138	0	15706
		Kottayam (M)		799	548	0	1347	10.08	946	401	0	1347
11	Alappuzha	Rural		6273	5689	1	11963	6.66	8548	3415	0	11963
		Urban		1507	1246	0	2753	7.86	1974	779	0	2753
		Total		7780	6935	1	14716	6.86	10522	4194	0	14716
		Alappuzha (M)		690	568	0	1258	7.31	902	356	0	1258
12	Pathanamthitta	Rural		5231	4406	0	9637	9.51	7094	2543	0	9637
		Urban		624	524	0	1148	7.23	1026	122	0	1148
		Total		5855	4930	0	10785	9.2	8120	2665	0	10785
13	Kollam	Rural		7787	6517	1	14305	6.76	11046	3259	0	14305
		Urban		2086	1660	0	3746	6.88	3283	463	0	3746
		Total		9873	8177	1	18051	6.79	14329	3722	0	18051
		Kollam (C)		1646	1315	0	2961	7.8	2688	273	0	2961
14	Thiruvananthapuram	Rural		8813	7480	0	16293	7.52	11738	4555	0	16293
		Urban		5508	4387	0	9895	8.32	9136	759	0	9895
		Total		14321	11867	0	26188	7.81	20874	5314	0	26188
		Thiruvananthapuram (C)		4379	3461	0	7840	8.04	7751	89	0	7840
15	Not Reported			32679	22545	2	55226		0	0	55226	55226
	State	Rural		88239	75151	6	163396	6.1	118644	44752	0	163396
		Urban		21885	18023	0	39908	5.15	33794	6114	0	39908
		Total		142803	115719	8	258530	7.48	152438	50866	55226	258530

TABLE - D3(i)

Sl. No.	District	Number of death Registered												163346							
		Delayed Registration												73021							
		Within prescribed time Limit				Within 30 days				After 30 Days but within 1 year				After 1 year				Total			
		Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total
1	Kasaragod	1307	967	0	2274	764	631	0	1395	971	910	0	1881	79	73	0	152	3121	2581	0	5702
2	Kannur	3762	2813	1	6576	1141	1109	0	2250	1023	991	0	2014	140	148	0	288	6066	5061	1	11128
3	Wayanad	943	620	0	1563	438	316	0	754	560	470	0	1030	33	31	0	64	1974	1437	0	3411
4	Kozhikode	2493	2063	0	4556	1348	1324	0	2672	1313	1404	0	2717	205	225	0	430	5359	5016	0	10375
5	Malappuram	2717	2029	0	4746	989	920	0	1909	2435	2627	0	5062	152	156	0	308	6293	5732	0	12025
6	Palakkad	4254	3659	0	7913	1569	1547	0	3116	1476	1572	0	3048	132	102	0	234	7431	6880	0	14311
7	Thrissur	7064	5279	0	12343	1491	1564	0	3055	1682	2018	0	3700	196	187	0	383	10433	9048	0	19481
8	Ernakulam	4597	3529	1	8127	1374	1370	0	2744	1334	1569	0	2903	201	212	0	413	7506	6680	1	14187
9	Idukki	1993	1368	0	3361	623	494	1	1118	716	613	0	1329	53	32	0	85	3385	2507	1	5893
10	Kottayam	6914	4441	0	11355	1238	1154	0	2392	1023	1036	0	2059	130	135	0	265	9305	6766	0	16071
11	Alappuzha	4515	3498	0	8013	1272	1248	1	2521	1422	1785	0	3207	124	144	0	268	7333	6675	1	14009
12	Pathanamthitta	2870	2204	0	5074	889	873	0	1762	869	912	0	1781	100	79	0	179	4728	4068	0	8796
13	Kollam	4950	3757	0	8707	1482	1414	0	2896	1414	1411	1	2826	162	183	0	345	8008	6765	1	14774
14	Thiruvananthapuram	3155	2562	0	5717	1494	1386	0	2880	2141	2082	0	4223	181	182	0	363	6971	6212	0	13183
Total		51534	38789	2	90325	16112	15350	2	31464	18379	19400	1	37780	1888	1889	0	3777	87913	75428	5	163346

TABLE - D3(ii)

Time Gap in Registration of Death (Urban)

Sl. No.	District	Number of death Registered												95184							
		Delayed Registration												23618							
		Within prescribed time Limit				Within 30 days				After 30 Days but within 1 year				After 1 year		Total					
		Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total				
1	Kasaragod	784	554	0	1338	109	105	0	214	133	152	0	285	12	17	0	29	1038	828	0	1866
2	Kannur	3342	2452	0	5794	443	450	0	893	545	618	0	1163	33	58	0	91	4363	3578	0	7941
3	Wayanad	720	492	0	1212	103	85	0	188	82	97	0	179	8	5	0	13	913	679	0	1592
4	Kozhikode	8470	5428	0	13898	654	624	0	1278	706	810	0	1516	71	59	0	130	9901	6921	0	16822
5	Malappuram	2865	2094	0	4959	529	446	0	975	602	609	0	1211	42	43	0	85	4038	3192	0	7230
6	Palakkad	2050	1361	0	3411	300	266	0	566	237	271	0	508	9	26	0	35	2596	1924	0	4520
7	Thrissur	4384	2718	0	7102	747	734	0	1481	577	695	0	1272	56	61	0	117	5764	4208	0	9972
8	Ernakulam	3023	1880	0	4903	482	384	0	866	440	495	0	935	36	31	0	67	3981	2790	0	6771
9	Idukki	644	398	1	1043	70	54	0	124	69	59	0	128	4	9	0	13	787	520	1	1308
10	Kottayam	1859	1150	0	3009	223	185	0	408	357	394	0	751	34	27	0	61	2473	1756	0	4229
11	Alappuzha	1052	699	0	1751	303	291	0	594	423	418	0	841	26	34	0	60	1804	1442	0	3246
12	Pathanamthitta	2157	1359	0	3516	106	118	0	224	108	143	0	251	5	10	0	15	2376	1630	0	4006
13	Kollam	2294	1547	0	3841	371	341	0	712	599	589	0	1188	42	51	0	93	3306	2528	0	5834
14	Thiruvananthapuram	9417	6370	2	15789	791	710	0	1501	1245	1088	0	2333	97	127	0	224	11550	8295	2	19847
Total		43061	28502	3	71566	5231	4793	0	10024	6123	6438	0	12561	475	558	0	1033	54890	40291	3	95184

TABLE - D3(iii)

Time Gap in Registration of Death (Rural+Urban)

Sl. No.	District	Number of Death Registered												258530							
		Delayed Registration												96639							
		Within the prescribed time Limit			Within 30 days			After 30 Days but within 1 year			After 1 year			Total							
		Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total	Male	Female	Not Reported	Total
1	Kasaragod	2091	1521	0	3612	873	736	0	1609	1104	1062	0	2166	91	90	0	181	4159	3409	0	7568
2	Kannur	7104	5265	1	12370	1584	1559	0	3143	1568	1609	0	3177	173	206	0	379	10429	8639	1	19069
3	Wayanad	1663	1112	0	2775	541	401	0	942	642	567	0	1209	41	36	0	77	2887	2116	0	5003
4	Kozhikode	10963	7491	0	18454	2002	1948	0	3950	2019	2214	0	4233	276	284	0	560	15260	11937	0	27197
5	Malappuram	5582	4123	0	9705	1518	1366	0	2884	3037	3236	0	6273	194	199	0	393	10331	8924	0	19255
6	Palakkad	6304	5020	0	11324	1869	1813	0	3682	1713	1843	0	3556	141	128	0	269	10027	8804	0	18831
7	Thrissur	11448	7997	0	19445	2238	2298	0	4536	2259	2713	0	4972	252	248	0	500	16197	13256	0	29453
8	Ernakulam	7620	5409	1	13030	1856	1754	0	3610	1774	2064	0	3838	237	243	0	480	11487	9470	1	20958
9	Idukki	2637	1766	1	4404	693	548	1	1242	785	672	0	1457	57	41	0	98	4172	3027	2	7201
10	Kottayam	8773	5591	0	14364	1461	1339	0	2800	1380	1430	0	2810	164	162	0	326	11778	8522	0	20300
11	Alappuzha	5567	4197	0	9764	1575	1539	1	3115	1845	2203	0	4048	150	178	0	328	9137	8117	1	17255
12	Pathanamthitta	5027	3563	0	8590	995	991	0	1986	977	1055	0	2032	105	89	0	194	7104	5698	0	12802
13	Kollam	7244	5304	0	12548	1853	1755	0	3608	2013	2000	1	4014	204	234	0	438	11314	9293	1	20608
14	Thiruvananthapuram	12572	8932	2	21506	2285	2096	0	4381	3386	3170	0	6556	278	309	0	587	18521	14507	2	33030
Total		94595	67291	5	161891	21343	20143	2	41488	24502	25838	1	50341	2363	2447	0	4810	142803	115719	8	258530

TABLE - D4

Deaths by Sex and Month of Occurrence

Sl. No.	District	Month of Occurrence													Total
		SEX	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	Kasaragod	Male	381	302	325	345	325	361	354	309	428	365	325	339	4159
		Female	281	257	209	255	251	300	298	304	381	344	245	284	3409
		Total	662	559	534	600	576	661	652	613	809	709	570	623	7568
2	Kannur	Male	822	835	881	763	813	869	833	890	1033	946	848	896	10429
		Female	653	671	755	669	648	668	721	713	880	843	707	711	8639
		NR	0	0	0	0	0	1	0	0	0	0	0	0	1
		Total	1475	1506	1636	1432	1461	1538	1554	1603	1913	1789	1555	1607	19069
3	Wayanad	Male	275	221	213	202	215	277	212	217	305	259	250	241	2887
		Female	200	167	144	147	161	185	168	181	214	199	178	172	2116
		Total	475	388	357	349	376	462	380	398	519	458	428	413	5003
4	Kozhikode	Male	1220	1248	1131	1216	1227	1086	1219	1333	1655	1296	1298	1331	15260
		Female	973	936	966	901	884	871	972	1016	1317	1112	1016	973	11937
		Total	2193	2184	2097	2117	2111	1957	2191	2349	2972	2408	2314	2304	27197
5	Malappuram	Male	971	877	901	849	928	873	820	737	1083	878	751	663	10331
		Female	804	771	773	717	779	764	714	610	942	761	655	634	8924
		Total	1775	1648	1674	1566	1707	1637	1534	1347	2025	1639	1406	1297	19255
6	Palakkad	Male	806	777	849	775	766	772	840	832	1060	824	846	880	10027
		Female	782	691	665	663	653	660	779	700	1018	762	717	714	8804
		Total	1588	1468	1514	1438	1419	1432	1619	1532	2078	1586	1563	1594	18831
7	Thrissur	Male	1421	1250	1230	1239	1369	1310	1386	1089	1821	1485	1287	1310	16197
		Female	1047	985	1002	980	1122	1039	1169	903	1555	1269	1085	1100	13256
		Total	2468	2235	2232	2219	2491	2349	2555	1992	3376	2754	2372	2410	29453
8	Ernakulam	Male	1040	870	860	902	924	816	1043	809	1235	1051	936	1001	11487
		Female	802	662	685	802	736	749	793	674	1008	926	837	796	9470
		NR	0	0	0	0	0	0	1	0	0	0	0	0	1
		Total	1842	1532	1545	1704	1660	1565	1836	1484	2243	1977	1773	1797	20958

		Male	335	288	311	351	318	327	369	339	439	358	371	366	4172
9	Idukki	Female	248	225	199	246	192	257	267	259	340	263	281	250	3027
		NR	0	0	0	0	0	0	0	0	0	1	1	0	2
		Total	583	513	510	597	510	584	636	598	779	622	653	616	7201
10		Male	1017	870	951	911	904	1006	993	969	1210	947	924	1076	11778
	Kottayam	Female	739	613	689	594	583	667	710	660	901	818	758	790	8522
		Total	1756	1483	1640	1505	1487	1673	1703	1629	2111	1765	1682	1866	20300
11	Alappuzha	Male	839	653	787	732	700	712	697	597	1012	823	751	834	9137
		Female	740	593	633	687	649	568	668	555	879	704	712	729	8117
		NR	0	1	0	0	0	0	0	0	0	0	0	0	1
		Total	1579	1247	1420	1419	1349	1280	1365	1152	1891	1527	1463	1563	17255
12	Pathanamthitta	Male	616	514	543	574	568	526	633	513	756	702	538	621	7104
		Female	498	364	449	450	457	429	483	386	674	527	450	531	5698
		Total	1114	878	992	1024	1025	955	1116	899	1430	1229	988	1152	12802
13	Kollam	Male	929	831	843	967	886	921	885	916	1130	997	996	1013	11314
		Female	826	696	731	762	731	706	752	715	916	853	764	841	9293
		NR	0	0	1	0	0	0	0	0	0	0	0	0	1
		Total	1755	1527	1575	1729	1617	1627	1637	1631	2046	1850	1760	1854	20608
14	Thiruvananthapuram	Male	1606	1330	1573	1367	1482	1481	1676	1485	1623	1608	1582	1708	18521
		Female	1294	1086	1276	1102	1082	1088	1172	1218	1296	1278	1289	1326	14507
		NR	0	0	0	0	0	0	0	0	1	0	1	2	
		Total	2900	2416	2849	2469	2564	2569	2848	2703	2919	2887	2871	3035	33030
	State Total	Male	12278	10866	11398	11193	11425	11337	11960	11035	14790	12539	11703	12279	142803
		Female	9887	8717	9176	8975	8928	8951	9666	8894	12321	10659	9694	9851	115719
		NR	0	1	1	0	0	1	0	1	0	2	1	1	8
		Total	22165	19584	20575	20168	20353	20289	21626	19930	27111	23200	21398	22131	258530

TABLE - D5**Deaths by Type of Attention at Death (Rural & Urban)**

Rural/ Urban	Town	Type of Attention at Death				
		Institutional	Medical Attention other than Institution	No Medical Attention	Not Stated	Total
I. Rural		82811	32764	47749	22	163346
II. Urban	(i) Towns with population one lakh and above					
1	Alappuzha (M)	394	173	515		1082
2	Kollam (C)	2577	463	756		3796
3	Kottayam (M)	744	515	156		1415
4	Kozhikkode (C)	11517	1528	684		13729
5	Palakkad (M)	1971	1	738	6	2716
6	Thiruvananthapuram (C)	15644	796	1453	8	17901
7	Thrissur (C)	3975	617	598		5190
	Total (i)	36822	4093	4900	14	45829
II. Urban	(ii) All Other urban areas					
1	Adoor (M)	410	34	15		459
2	Aluva (M)	353	45	62		460
3	Angamaly (M)	661	34	111		806
4	Anthoor(M)	65	44	46		155
5	Attingal (M)	25	47	199		271
6	Chalakkudy (M)	609	43	109		761
7	Changanasserry (M)	269	43	106		418
8	Chavakkad (M)	265	66	51		382
9	Chengannur (M)	150	60	41		251
10	Cherpulaserry (M)	138	32	36		206
11	Cherthala (M)	468	62	58		588
12	Chittoor-Thathamangalam (M)	135	41	54		230
13	Eloor(M)	129	22	45		196
14	Erattupetta (M)	175	13	29		217
15	Ettumanoor (M)	1146	42	140		1328
16	Feroke (M)	298	40	40		378
17	Guruvayoor (M)	112	118	125		355
18	Harippad (M)	127	46	93		266
19	Iringalakuda (M)	316	54	120		490
20	Irity(M)	176	51	38		265
21	Kalamasserry (M)	794	47	109		950

22	Kalpetta (M)	272	17	35		324
23	Kanjhagad (M)	695	38	110	2	845
24	Kannur (C)	2070	195	560		2825
25	Kannur Cantonment (M)	439	6	6	2	453
26	Karunagappally(M)	336	21	149		506
27	Kasargod (M)	709	33	73	1	816
28	Kattappana (M)	323	16	92		431
29	Kayamkulam (M)	498	2	1		501
30	Kodungallur (M)	626	71	173		870
31	Koduvally (M)	116	28	66		210
32	Kondotty (M)	245	21	57		323
33	Koothattukulam (M)	212	12	58		282
34	Kothamangalam (M)	429	21	91		541
35	Kottakkal(M)	911	29	16		956
36	Kottarakkara (M)	577	12	17		606
37	Kunnamkulam (M)	501	122	84		707
38	Kuthuparamba (M)	193	39	54		286
39	Malappuram (M)	356	32	78		466
40	Mananthavady (M)	684	15	37		736
41	Manjeri (M)	1246	52	68		1366
42	Mannarakkad (M)	189	12	41		242
43	Maradu (M)	734	86	71		891
44	Mattannur (M)	156	28	50		234
45	Mavelikkara (M)	429	79	50		558
46	Moovattupuzha (M)	455	21	64	1	541
47	Mukkam (M)	533	17	16		566
48	Nedumangad (M)	202	60	211		473
49	Neyyattinkara (M)	432	3	360		795
50	Nilamboor(M)	297	24	62		383
51	Nileswaram (M)	60	91	54		205
52	North Paravur (M)	322	38	72		432
53	Ottappalam (M)	578	42	122		742
54	Pala (M)	510	22	58		590
55	Pandalam (M)	323	95	80		498
56	Panoor (M)	128	81	53		262
57	Parappanangadi (M)	153	60	75		288
58	Paravoor (M)	42	87	86		215
59	Pathanamthitta (M)	647	51	159	2	859

60	Pattambi (M)	101	32	45		178
61	Payyannur (M)	542	144	72		758
62	Payyoli (M)	38	154	16		208
63	Perinthalmanna (M)	1201	43	58		1302
64	Perumbavoor (M)	313	22	63	1	399
65	Piravom (M)	99	21	104		224
66	Ponnani (M)	205	89	165		459
67	Punalur (M)	710	1			711
68	Quilandy (M)	242	76	71	2	391
69	Ramanattukara (M)	92	31	30		153
70	Shornnur (M)	44	71	91		206
71	Sreekandapuram (M)	48	28	83		159
72	Sulthan Batheri (M)	441	11	80		532
73	Thalasserry (M)	1918	61	236	6	2221
74	Thaliparamba (M)	248	39	36		323
75	Thanoor (M)	237	78	52		367
76	Thirurangadi (M)	521	29	58		608
77	Thiruvalla (M)	1980	66	144		2190
78	Thodupuzha (M)	774	35	68		877
79	Thrikkakara(M)	225	78	112		415
80	Thrippunithura (M)	311	95	228		634
81	Tirur (M)	497	32	46		575
82	Vadakara (M)	982	164	41		1187
83	Vaikom (M)	137	44	80		261
84	Valancherry (M)	104	4	29		137
85	Varkala (M)	256	24	127		407
86	Wadakkancherry (M)	1011	96	109	1	1217
Total (ii)		37726	4231	7380	18	49355
Urban Areas Total		74548	8324	12280	32	95184
State Total (Rural+Urban)		157359	41088	60029	54	258530

TABLE - D6

Deaths by Age, Sex and Religion of Deceased (Rural & Urban)

Age of the Deceased	Religion of the Deceased																							
	Hindus				Muslims				Christians				Others				Not Reported				Total			
	Male	Female	NR	Total	Male	Female	NR	Total	Male	Female	NR	Total	Male	Female	NR	Total	Male	Female	NR	Total	Male	Female	NR	Total
All Areas																								
Below 1 year	630	483	3	1116	620	462	0	1082	183	159	1	343	124	109	2	235	1	0	0	1	1558	1213	6	2777
1 - 4	121	111	0	232	115	100	0	215	48	44	0	92	15	11	0	26	34	3	0	37	333	269	0	602
5-14	245	206	0	451	193	132	0	325	76	62	0	138	13	15	0	28	0	0	0	0	527	415	0	942
15-24	1382	611	0	1993	526	205	0	731	340	115	0	455	10	6	0	16	0	0	0	0	2258	937	0	3195
25-34	2254	794	0	3048	546	323	0	869	479	181	0	660	14	4	0	18	11	2	0	13	3304	1304	0	4608
35-44	4125	1489	0	5614	999	657	0	1656	955	390	0	1345	30	12	0	42	24	3	0	27	6133	2551	0	8684
45-54	9216	3872	0	13088	2440	1430	0	3870	2453	1042	0	3495	49	15	0	64	34	1	0	35	14192	6360	0	20552
55-64	16267	7536	0	23803	5392	3093	0	8485	4611	2271	0	6882	115	28	0	143	44	2	0	46	26429	12930	0	39359
65-69	11413	6442	0	17855	4020	2586	0	6606	3328	1918	0	5246	63	20	0	83	13	1	0	14	18837	10967	0	29804
70 and above	40566	48519	2	89087	12339	13246	0	25585	15930	16712	0	32642	160	99	0	259	21	1	0	22	69016	78577	2	147595
Age not Stated	117	128	0	245	54	38	0	92	34	25	0	59	4	5	0	9	7	0	0	7	216	196	0	412
All Areas Total	86336	70191	5	156532	27244	22272	0	49516	28437	22919	1	51357	597	324	2	923	189	13	0	202	142803	115719	8	258530
Rural Areas																								
Below 1 year	263	198	1	462	165	132	0	297	104	84	1	189	0	2	1	3	0	0	0	0	532	416	3	951
1 - 4	67	70	0	137	46	33	0	79	26	27	0	53	0	2	0	2	1	0	0	1	140	132	0	272
5-14	142	117	0	259	111	59	0	170	57	31	0	88	1	0	0	1	0	0	0	0	311	207	0	518

15-24	836	397	0	1233	264	97	0	361	209	65	0	274	3	3	0	6	0	0	0	0	1312	562	0	1874
25-34	1403	453	0	1856	291	159	0	450	300	103	0	403	6	3	0	9	3	2	0	5	2003	720	0	2723
35-44	2494	791	0	3285	521	320	0	841	619	236	0	855	9	8	0	17	14	1	0	15	3657	1356	0	5013
45-54	5299	2194	0	7493	1250	745	0	1995	1535	614	0	2149	23	5	0	28	18	0	0	18	8125	3558	0	11683
55-64	9583	4479	0	14062	2871	1693	0	4564	2923	1443	0	4366	50	11	0	61	16	1	0	17	15443	7627	0	23070
65-69	6873	3928	0	10801	2283	1443	0	3726	2196	1275	0	3471	27	6	0	33	6	0	0	6	11385	6652	0	18037
70 and above	26168	33222	2	59392	7430	8544	0	15974	11219	12260	0	23479	66	40	0	106	10	1	0	11	44893	54067	2	98962
Age not Stated	68	91	0	159	22	25	0	47	18	15	0	33	0	0	0	0	4	0	0	4	112	131	0	243
Rural Areas Total	53196	45940	3	99139	15254	13250	0	28504	19206	16153	1	35360	185	80	1	266	72	5	0	77	87913	75428	5	163346
Urban Areas																								
Below 1 year	367	285	2	654	455	330	0	785	79	75	0	154	124	107	1	232	1	0	0	1	1026	797	3	1826
1 - 4	54	41	0	95	69	67	0	136	22	17	0	39	15	9	0	24	33	3	0	36	193	137	0	330
5-14	103	89	0	192	82	73	0	155	19	31	0	50	12	15	0	27	0	0	0	0	216	208	0	424
15-24	546	214	0	760	262	108	0	370	131	50	0	181	7	3	0	10	0	0	0	0	946	375	0	1321
25-34	851	341	0	1192	255	164	0	419	179	78	0	257	8	1	0	9	8	0	0	8	1301	584	0	1885
35-44	1631	698	0	2329	478	337	0	815	336	154	0	490	21	4	0	25	10	2	0	12	2476	1195	0	3671
45-54	3917	1678	0	5595	1190	685	0	1875	918	428	0	1346	26	10	0	36	16	1	0	17	6067	2802	0	8869
55-64	6684	3057	0	9741	2521	1400	0	3921	1688	828	0	2516	65	17	0	82	28	1	0	29	10986	5303	0	16289
65-69	4540	2514	0	7054	1737	1143	0	2880	1132	643	0	1775	36	14	0	50	7	1	0	8	7452	4315	0	11767
70 and above	14398	15297	0	29695	4909	4702	0	9611	4711	4452	0	9163	94	59	0	153	11	0	0	11	24123	24510	0	48633
Age not Stated	49	37	0	86	32	13	0	45	16	10	0	26	4	5	0	9	3	0	0	3	104	65	0	169
Urban Areas Total	33140	24251	2	57393	11990	9022	0	21012	9231	6766	0	15997	412	244	1	657	117	8	0	125	54890	40291	3	95184

TABLE - D7**Deaths by Age, Occupation and Sex (Rural)**

Occupation of the Deceased	SEX	Age of the Deceased									Age not Stated	Total
		10-14	15-24	25-34	35-44	45-54	55-64	65-69	70 & Above			
Administrative, Executive and Managerial Workers	M	0	2	10	27	43	46	40	162	0	330	
	F	0	0	4	2	7	9	3	15	0	40	
	Total	0	2	14	29	50	55	43	177	0	370	
Clerical and Related Workers	M	0	2	15	44	55	69	56	285	0	526	
	F	0	1	4	7	13	21	12	45	0	103	
	Total	0	3	19	51	68	90	68	330	0	629	
Sales Workers	M	0	18	50	94	207	308	152	297	1	1127	
	F	0	2	1	1	10	7	5	13	0	39	
	Total	0	20	51	95	217	315	157	310	1	1166	
Service Workers	M	0	63	174	251	526	643	338	890	2	2887	
	F	0	6	19	31	51	84	64	189	1	445	
	Total	0	69	193	282	577	727	402	1079	3	3332	

	M	0	32	136	307	740	1314	797	2545	4	5875
Farmers, Fishers, Hunters, Loggers & related workers	F	0	2	8	25	71	105	81	427	2	721
	Total	0	34	144	332	811	1419	878	2972	6	6596
Production and other related workers, transport & other equipment operators & labourers	M	0	121	382	709	1316	1513	708	1349	3	6101
	F	0	8	22	47	174	246	174	572	0	1243
	Total	0	129	404	756	1490	1759	882	1921	3	7344
Workers whose occupation are not elsewhere classified	M	0	82	211	381	799	1143	650	2051	5	5322
	F	0	12	33	71	142	238	179	1063	3	1741
	Total	0	94	244	452	941	1381	829	3114	8	7063
Non Workers	M	664	572	561	1020	2537	6679	5833	26177	61	44104
	F	512	362	402	777	2077	4859	4314	37707	79	51089
	NR	2	0	0	0	0	0	0	1	0	3
	Total	1178	934	963	1797	4614	11538	10147	63885	140	95196
Not Stated	M	319	420	464	824	1902	3728	2811	11137	36	21641
	F	243	169	227	395	1013	2058	1820	14036	46	20007
	NR	1	0	0	0	0	0	0	1	0	2
	Total	563	589	691	1219	2915	5786	4631	25174	82	41650
State Total	M	983	1312	2003	3657	8125	15443	11385	44893	112	87913
	F	755	562	720	1356	3558	7627	6652	54067	131	75428
	NR	3	0	0	0	0	0	0	2	0	5
	Total	1741	1874	2723	5013	11683	23070	18037	98962	243	163346

TABLE - D8

Deaths by Age, Occupation and Sex (Urban)

Occupation of the Deceased	SEX	Age of the Deceased									Age not Stated	Total
		10-14	15-24	25-34	35-44	45-54	55-64	65-69	70 & Above			
Professional, Technical and related workers	M	0	5	12	16	45	87	63	370	1	599	
	F	0	5	8	8	41	81	65	378	1	587	
	Total	0	10	20	24	86	168	128	748	2	1186	
Administrative, Executive and Managerial Workers	M	0	0	4	12	27	32	20	82	0	177	
	F	0	0	0	2	3	3	2	16	0	26	
	Total	0	0	4	14	30	35	22	98	0	203	
Clerical and Related Workers	M	0	1	3	9	27	47	28	159	0	274	
	F	0	0	1	6	0	5	4	28	0	44	
	Total	0	1	4	15	27	52	32	187	0	318	
Sales Workers	M	0	4	8	38	73	123	54	132	0	432	
	F	0	1	0	1	1	2	2	5	0	12	
	Total	0	5	8	39	74	125	56	137	0	444	
Service Workers	M	0	8	18	34	83	102	53	168	0	466	
	F	0	0	6	3	7	13	10	43	0	82	
	Total	0	8	24	37	90	115	63	211	0	548	

Farmers, Fishers, Hunters, Loggers & related workers	M	0	4	19	43	124	267	172	472	2	1103
	F	0	0	0	3	3	13	6	27	1	53
	Total	0	4	19	46	127	280	178	499	3	1156
Production and other related workers, transport & other equipment operators & labourers	M	0	74	226	470	1070	1238	587	888	3	4556
	F	0	5	18	28	62	92	47	136	0	388
	Total	0	79	244	498	1132	1330	634	1024	3	4944
Workers whose occupation are not elsewhere classified	M	0	178	330	562	1201	1977	1165	3945	20	9378
	F	0	30	58	114	254	482	388	2221	6	3553
	Total	0	208	388	676	1455	2459	1553	6166	26	12931
Non Workers	M	501	477	383	751	2098	4664	3557	12115	48	24594
	F	438	250	358	744	1758	3279	2754	15420	28	25029
	NR	1	0	0	0	0	0	0	0	0	1
	Total	940	727	741	1495	3856	7943	6311	27535	76	49624
Not Stated	M	934	195	298	541	1319	2449	1753	5792	30	13311
	F	704	84	135	286	673	1333	1037	6236	29	10517
	NR	2	0	0	0	0	0	0	0	0	2
	Total	1640	279	433	827	1992	3782	2790	12028	59	23830
State Total	M	1435	946	1301	2476	6067	10986	7452	24123	104	54890
	F	1142	375	584	1195	2802	5303	4315	24510	65	40291
	NR	3	0	0	0	0	0	0	0	0	3
	Total	2580	1321	1885	3671	8869	16289	11767	48633	169	95184

TABLE - D9

Deaths by Age, Occupation and Sex (Rural & Urban)

Occupation of the Deceased	SEX	Age of the Deceased									Age not Stated	Total
		10-14	15-24	25-34	35-44	45-54	55-64	65-69	70 & Above			
Professional, Technical and related workers	M	0	5	12	16	45	87	63	370	1	599	
	F	0	5	8	8	41	81	65	378	1	587	
	Total	0	10	20	24	86	168	128	748	2	1186	
Administrative, Executive and Managerial Workers	M	0	2	14	39	70	78	60	244	0	507	
	F	0	0	4	4	10	12	5	31	0	66	
	Total	0	2	18	43	80	90	65	275	0	573	
Clerical and Related Workers	M	0	3	18	53	82	116	84	444	0	800	
	F	0	1	5	13	13	26	16	73	0	147	
	Total	0	4	23	66	95	142	100	517	0	947	
Sales Workers	M	0	22	58	132	280	431	206	429	1	1559	
	F	0	3	1	2	11	9	7	18	0	51	
	Total	0	25	59	134	291	440	213	447	1	1610	
Service Workers	M	0	71	192	285	609	745	391	1058	2	3353	
	F	0	6	25	34	58	97	74	232	1	527	
	Total	0	77	217	319	667	842	465	1290	3	3880	

Farmers, Fishers, Hunters, Loggers & related workers	M	0	36	155	350	864	1581	969	3017	6	6978
	F	0	2	8	28	74	118	87	454	3	774
	Total	0	38	163	378	938	1699	1056	3471	9	7752
Production and other related workers, transport & other equipment operators & labourers	M	0	195	608	1179	2386	2751	1295	2237	6	10657
	F	0	13	40	75	236	338	221	708	0	1631
	Total	0	208	648	1254	2622	3089	1516	2945	6	12288
Workers whose occupation are not elsewhere classified	M	0	260	541	943	2000	3120	1815	5996	25	14700
	F	0	42	91	185	396	720	567	3284	9	5294
	Total	0	302	632	1128	2396	3840	2382	9280	34	19994
Non Workers	M	1165	1049	944	1771	4635	11343	9390	38292	109	68698
	F	950	612	760	1521	3835	8138	7068	53127	107	76118
	NR	3	0	0	0	0	0	0	1	0	4
	Total	2118	1661	1704	3292	8470	19481	16458	91420	216	144820
Not Stated	M	1253	615	762	1365	3221	6177	4564	16929	66	34952
	F	947	253	362	681	1686	3391	2857	20272	75	30524
	NR	3	0	0	0	0	0	0	1	0	4
	Total	2203	868	1124	2046	4907	9568	7421	37202	141	65480
State Total	M	2418	2258	3304	6133	14192	26429	18837	69016	216	142803
	F	1897	937	1304	2551	6360	12930	10967	78577	196	115719
	NR	6	0	0	0	0	0	0	2	0	8
	Total	4321	3195	4608	8684	20552	39359	29804	147595	412	258530

TABLE - D10

Deaths by Cause of Death, Age and Sex for all Deaths Medically Certified or Not

Cause of Deaths	SEX	Age of the Deceased												Total
		Below 1 year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70 and above	Age not stated	Total	
Cholera	M	0	0	0	0	0	0	1	0	1	1	0	3	
	F	0	1	0	0	0	0	0	0	0	1	1	3	
	Total	0	1	0	0	0	0	1	0	1	2	1	6	
Typhoid	M	0	0	0	1	3	2	2	3	1	4	0	16	
	F	0	0	0	1	1	0	0	0	1	7	0	10	
	Total	0	0	0	2	4	2	2	3	2	11	0	26	
Food Poisoning	M	1	0	0	1	0	0	2	2	0	3	0	9	
	F	0	1	0	0	0	0	0	0	1	1	0	3	
	Total	1	1	0	1	0	0	2	2	1	4	0	12	
Dysentery	M	0	1	0	1	0	4	6	1	4	3	0	20	
	F	1	1	0	0	0	1	0	1	1	12	0	17	
	Total	1	2	0	1	0	5	6	2	5	15	0	37	
Tuberculosis	M	0	0	0	2	7	28	80	97	57	111	0	382	
	F	0	0	1	2	6	10	18	20	13	32	0	102	
	Total	0	0	1	4	13	38	98	117	70	143	0	484	
Leprosy	M	0	0	0	0	0	0	1	1	0	1	0	3	
	F	0	0	0	0	0	0	0	0	0	1	0	1	
	Total	0	0	0	0	0	0	1	1	0	2	0	4	

Diphtheria	M	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	1	0	2	0	2	0	5
	Total	0	0	0	0	0	1	0	2	1	2	0	6
Whooping Cough	M	0	0	0	0	0	0	0	0	1	3	0	4
	F	0	0	0	0	0	0	0	0	0	1	0	1
	Total	0	0	0	0	0	0	0	0	1	4	0	5
Tetanus	M	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	1	0	0	4	0	5
	Total	0	0	0	1	0	0	1	0	0	4	0	6
Poliomyelitis	M	0	0	0	0	0	1	0	1	0	1	0	3
	F	0	0	0	0	1	0	2	2	1	2	0	8
	Total	0	0	0	0	1	1	2	3	1	3	0	11
Measles	M	0	1	1	1	2	0	2	6	1	11	0	25
	F	0	1	0	1	0	2	2	2	0	17	0	25
	Total	0	2	1	2	2	2	4	8	1	28	0	50
Rabies	M	0	0	0	0	0	1	0	1	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	1	0	1
	Total	0	0	0	0	0	1	0	1	0	1	0	3
Malaria	M	0	0	0	2	1	1	1	0	0	1	0	6
	F	0	0	0	1	0	0	2	2	0	2	0	7
	Total	0	0	0	3	1	1	3	2	0	3	0	13
Cancer	M	3	19	49	82	130	352	1220	3116	2241	4332	10	11554
	F	5	22	40	46	139	496	1292	1922	1123	2848	8	7941
	Total	8	41	89	128	269	848	2512	5038	3364	7180	18	19495

	M	2	0	0	3	9	42	146	332	257	798	2	1591
Diabetes	F	0	0	0	2	8	23	139	324	284	1135	2	1917
	Total	2	0	0	5	17	65	285	656	541	1933	4	3508
	M	2	1	0	1	0	4	2	8	7	21	0	46
Anaemia's	F	5	0	1	0	0	1	6	3	6	39	0	61
	Total	7	1	1	1	0	5	8	11	13	60	0	107
	M	1	0	1	1	0	4	6	4	5	8	0	30
Meningitis	F	0	0	1	1	1	4	0	3	3	11	0	24
	Total	1	0	2	2	1	8	6	7	8	19	0	54
	M	220	35	48	187	469	1448	4693	9399	6297	18315	38	41149
Heart Attack/Heart diseases	F	182	34	43	99	208	555	1766	4022	3420	17124	22	27475
	Total	402	69	91	286	677	2003	6459	13421	9717	35439	60	68624
	M	10	7	9	18	30	56	86	169	162	583	4	1134
Pneumonia	F	8	9	9	12	10	37	51	112	92	558	2	900
	Total	18	16	18	30	40	93	137	281	254	1141	6	2034
	M	0	1	0	1	3	2	6	7	5	34	1	60
Influenza	F	0	0	0	0	3	0	1	3	11	58	0	76
	Total	0	1	0	1	6	2	7	10	16	92	1	136
	M	43	12	22	49	102	230	762	2156	1968	9830	26	15200
Asthma	F	39	11	19	30	62	157	418	1107	1074	11590	13	14520
	NR	0	0	0	0	0	0	0	0	0	1	0	1
	Total	82	23	41	79	164	387	1180	3263	3042	21421	39	29721
	M	9	0	4	11	18	47	46	65	30	77	0	307
Jaundice	F	5	0	2	0	4	7	23	39	16	63	0	159
	Total	14	0	6	11	22	54	69	104	46	140	0	466

	M	6	1	5	11	39	186	549	828	463	906	1	2995
Liver Disease	F	6	1	1	9	18	42	96	253	210	684	1	1321
	Total	12	2	6	20	57	228	645	1081	673	1590	2	4316
Ulcer	M	0	0	0	3	3	9	28	42	30	89	0	204
	F	1	0	0	0	4	6	20	25	19	80	0	155
	Total	1	0	0	3	7	15	48	67	49	169	0	359
Appendicitis	M	0	0	0	0	0	2	3	7	4	22	0	38
	F	0	0	0	0	0	0	2	7	3	19	0	31
	Total	0	0	0	0	0	2	5	14	7	41	0	69
Syphilis and Genitourinary	M	0	0	0	1	2	2	7	25	13	52	0	102
	F	0	0	0	0	0	3	3	8	9	34	0	57
	Total	0	0	0	1	2	5	10	33	22	86	0	159
Abortion	F	0	0	0	0	0	1	0	0	0	0	0	1
	Total	0	0	0	0	0	1	0	0	0	0	0	1
Complication in Pregnancy, Child birth	F	24	0	0	12	8	4	3	0	0	0	1	52
	Total	24	0	0	12	8	4	3	0	0	0	1	52
Birth injuries	F	1	0	0	2	0	0	2	0	0	0	1	6
	Total	1	0	0	2	0	0	2	0	0	0	1	6
Paralysis	M	3	2	6	7	15	61	220	527	447	1697	1	2986
	F	1	0	2	6	9	42	116	359	351	2200	3	3089
	Total	4	2	8	13	24	103	336	886	798	3897	4	6075
Senility	M	0	0	0	0	0	0	0	719	1327	16234	22	18302
	F	0	0	0	0	0	0	0	635	1295	26491	49	28470
	NR	0	0	0	0	0	0	0	0	0	1	0	1
	Total	0	0	0	0	0	0	0	1354	2622	42726	71	46773

	M	1	0	2	4	4	5	5	9	1	7	0	38
Venomous Animals Bites	F	0	0	1	1	3	3	4	7	2	11	0	32
	Total	1	0	3	5	7	8	9	16	3	18	0	70
	M	0	1	0	3	8	11	17	18	1	5	0	64
Burns (Accidental)	F	1	1	4	22	22	17	13	22	8	39	0	149
	Total	1	2	4	25	30	28	30	40	9	44	0	213
	M	2	15	71	205	190	219	255	222	86	148	6	1419
Drowning Falls	F	2	18	17	28	22	26	38	49	36	129	0	365
	Total	4	33	88	233	212	245	293	271	122	277	6	1784
	M	0	0	0	2	5	7	8	13	6	92	0	133
Poisoning	F	0	1	0	2	3	2	2	5	7	47	0	69
	Total	0	1	0	4	8	9	10	18	13	139	0	202
	M	1	13	18	464	397	345	353	309	140	236	6	2282
Accident (Traffic/Vehicles)	F	2	12	21	28	40	59	101	66	31	74	0	434
	Total	3	25	39	492	437	404	454	375	171	310	6	2716
	M	3	7	19	32	62	81	103	76	26	49	2	460
Other Accidents	F	3	6	13	7	8	16	23	19	10	28	0	133
	Total	6	13	32	39	70	97	126	95	36	77	2	593
	M	0	0	21	332	636	783	861	772	312	440	14	4171
Suicide	F	0	0	14	269	162	132	127	126	62	147	3	1042
	Total	0	0	35	601	798	915	988	898	374	587	17	5213
	M	0	0	4	8	19	14	11	12	5	6	0	79
Homicide	F	0	2	3	4	3	11	9	5	4	5	0	46
	Total	0	2	7	12	22	25	20	17	9	11	0	125

AIDS	M	0	0	0	0	0	2	4	1	2	1	0	10
	F	0	0	0	0	0	1	4	2	0	1	0	8
	Total	0	0	0	0	0	3	8	3	2	2	0	18
Hysteria	M	0	0	0	1	1	0	0	1	0	0	0	3
	F	0	0	0	0	1	0	1	2	1	1	0	6
	Total	0	0	0	1	2	0	1	3	1	1	0	9
Premature	M	86	0	0	0	0	0	0	0	0	0	0	17
	F	68	0	1	0	0	0	0	0	0	0	0	33
	NR	1	0	0	0	0	0	0	0	0	0	0	1
	Total	155	0	1	0	0	0	0	0	0	0	50	206
Blood Pressure	M	1	0	1	7	16	33	112	253	217	779	4	1423
	F	0	0	2	5	10	21	66	230	205	1304	1	1844
	Total	1	0	3	12	26	54	178	483	422	2083	5	3267
Kidney Trouble	M	3	0	3	19	38	139	445	794	528	1301	4	3274
	F	0	1	3	14	35	83	239	511	325	936	1	2148
	Total	3	1	6	33	73	222	684	1305	853	2237	5	5422
Others	M	1140	217	243	795	1092	2000	4072	6425	4186	12792	54	33016
	F	859	147	215	332	509	785	1727	3027	2340	12816	53	22810
	NR	5	0	0	0	0	0	0	0	0	0	0	5
	Total	2004	364	458	1127	1601	2785	5799	9452	6526	25608	107	55831
Not Stated	M	21	0	0	2	3	12	77	8	5	23	4	155
	F	0	0	2	1	4	3	43	8	3	22	2	88
	Total	21	0	2	3	7	15	120	16	8	45	6	243
State Total	M	1558	333	527	2258	3304	6133	14192	26429	18837	69016	216	142803
	F	1213	269	415	937	1304	2551	6360	12930	10967	78577	196	115719
	NR	6	0	0	0	0	0	0	0	0	2	0	8
	Total	2777	602	942	3195	4608	8684	20552	39359	29804	147595	412	258530

TABLE - D11

Deaths by Cause of Death, Age and Sex for Medically Certified Deaths

Cause of Deaths	SEX	Age of the Deceased												Total
		Below 1 year	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70 and above	Age not stated		
Cholera	F	0	1	0	0	0	0	0	0	0	1	1	3	
	Total	0	1	0	0	0	0	0	0	0	1	1	3	
Typhoid	M	0	0	0	0	1	1	0	1	0	1	0	4	
	F	0	0	0	0	0	0	0	0	0	2	0	2	
	Total	0	0	0	0	1	1	0	1	0	3	0	6	
Food Poisoning	M	0	0	0	1	0	0	2	2	0	2	0	7	
	F	0	1	0	0	0	0	0	0	1	1	0	3	
	Total	0	1	0	1	0	0	2	2	1	3	0	10	
Dysentery	M	0	0	0	0	0	4	5	1	2	2	0	14	
	F	1	0	0	0	0	1	0	1	0	5	0	8	
	Total	1	0	0	0	0	5	5	2	2	7	0	22	
Tuberculosis	M	0	0	0	2	2	18	47	59	35	66	0	229	
	F	0	0	1	2	6	5	6	9	9	17	0	55	
	Total	0	0	1	4	8	23	53	68	44	83	0	284	

	M	0	0	0	0	0	0	0	1	0	1	0	2
Leprosy	F	0	0	0	0	0	0	0	0	0	1	0	1
	Total	0	1	0	2	0	3						
Diphtheria	M	0	0	0	0	0	0	0	0	1	0	0	1
	F	0	0	0	0	0	0	0	1	0	1	0	2
	Total	0	1	1	1	0	3						
Whooping cough	M	0	0	0	0	0	0	0	0	1	3	0	4
	Total	0	1	3	0	4							
Tetanus	M	0	0	0	1	0	0	0	0	0	0	0	1
	F	0	0	0	0	0	0	1	0	0	3	0	4
	Total	0	0	0	1	0	0	1	0	0	3	0	5
Poliomyelitis	M	0	0	0	0	0	1	0	1	0	0	0	2
	F	0	0	0	0	0	0	1	0	0	0	0	1
	Total	0	0	0	0	0	1	1	1	0	0	0	3
Measles	M	0	0	1	0	1	0	0	4	0	2	0	8
	F	0	1	0	0	0	0	0	0	0	4	0	5
	Total	0	1	1	0	1	0	0	4	0	6	0	13
Rabies	M	0	0	0	0	0	1	0	1	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	1	0	1
	Total	0	0	0	0	0	1	0	1	0	1	0	3

Malaria	M	0	0	0	1	1	1	0	0	0	0	0	3
	F	0	0	0	0	0	0	1	1	0	0	0	2
	Total	0	0	0	1	1	1	1	1	0	0	0	5
Cancer	M	3	19	41	74	100	286	938	2226	1569	2862	6	8124
	F	5	19	35	40	111	384	951	1358	776	1836	4	5519
	Total	8	38	76	114	211	670	1889	3584	2345	4698	10	13643
Diabetes	M	2	0	0	1	6	26	102	186	148	416	0	887
	F	0	0	0	2	3	15	85	200	159	529	2	995
	Total	2	0	0	3	9	41	187	386	307	945	2	1882
Anaemia's	M	2	1	0	1	0	3	2	5	6	18	0	38
	F	5	0	1	0	0	1	3	2	5	32	0	49
	Total	7	1	1	1	0	4	5	7	11	50	0	87
Meningitis	M	1	0	1	0	0	4	4	4	4	2	0	20
	F	0	0	1	1	1	3	0	2	3	8	0	19
	Total	1	0	2	1	1	7	4	6	7	10	0	39
Heart Attack/Heart diseases	M	212	33	39	162	346	1073	3369	6763	4581	13570	24	30172
	F	174	31	39	79	154	429	1354	3006	2538	12441	15	20260
	Total	386	64	78	241	500	1502	4723	9769	7119	26011	39	50432
Pneumonia	M	8	7	8	17	30	46	78	158	152	515	3	1022
	F	8	8	7	10	10	32	46	99	85	483	2	790
	Total	16	15	15	27	40	78	124	257	237	998	5	1812

Influenza	M	0	0	0	0	2	0	1	4	2	10	1	20
	F	0	0	0	0	1	0	1	1	5	13	0	21
	Total	0	0	0	0	3	0	2	5	7	23	1	41
Asthma	M	33	11	14	38	82	168	507	1336	1134	4890	15	8228
	F	34	10	16	22	39	119	270	663	589	4959	7	6728
	Total	67	21	30	60	121	287	777	1999	1723	9849	22	14956
Jaundice	M	9	0	2	8	10	28	29	41	15	52	0	194
	F	4	0	2	0	3	4	16	28	13	33	0	103
	Total	13	0	4	8	13	32	45	69	28	85	0	297
Liver Disease	M	5	1	5	11	33	156	462	675	373	740	1	2462
	F	5	1	1	9	15	31	82	213	169	557	1	1084
	Total	10	2	6	20	48	187	544	888	542	1297	2	3546
Ulcer	M	0	0	0	3	2	7	22	29	23	61	0	147
	F	1	0	0	0	4	5	17	13	14	50	0	104
	Total	1	0	0	3	6	12	39	42	37	111	0	251
Appendicitis	M	0	0	0	0	0	2	2	6	3	12	0	25
	F	0	0	0	0	0	0	1	4	2	8	0	15
	Total	0	0	0	0	0	2	3	10	5	20	0	40
Syphilis and Genitourinary	M	0	0	0	1	0	2	4	15	9	34	0	65
	F	0	0	0	0	0	1	2	3	6	24	0	36
	Total	0	0	0	1	0	3	6	18	15	58	0	101

Abortion	F	0	0	0	0	0	1	0	0	0	0	0	1
	Total	0	0	0	0	0	1	0	0	0	0	0	1
Complication in Pregnancy, Child birth	F	22	0	0	9	5	3	2	0	0	0	0	41
	Total	22	0	0	9	5	3	2	0	0	0	0	41
Birth injuries	F	1	0	0	2	0	0	1	0	0	0	1	5
	Total	1	0	0	2	0	0	1	0	0	0	1	5
Paralysis	M	3	2	3	5	9	46	148	316	265	1008	0	1805
	F	1	0	2	2	8	32	76	222	195	1196	2	1736
	Total	4	2	5	7	17	78	224	538	460	2204	2	3541
Senility	M	0	0	0	0	0	0	0	270	460	5902	6	6638
	F	0	0	0	0	0	0	0	241	487	9766	25	10519
	Total	0	0	0	0	0	0	0	511	947	15668	31	17157
Venomous Animals Bites	M	1	0	2	3	4	5	4	9	1	5	0	34
	F	0	0	0	1	3	2	3	5	2	11	0	27
	Total	1	0	2	4	7	7	7	14	3	16	0	61
Burns (Accidental)	M	0	1	0	2	7	10	17	16	1	5	0	59
	F	1	1	3	20	22	16	12	20	6	39	0	140
	Total	1	2	3	22	29	26	29	36	7	44	0	199
Drowning, Falls	M	2	8	64	178	163	176	223	182	68	130	6	1200
	F	2	13	15	26	19	20	33	39	28	104	0	299
	Total	4	21	79	204	182	196	256	221	96	234	6	1499

Poisoning	M	0	0	0	2	5	6	8	12	5	22	0	60
	F	0	0	0	2	3	2	1	4	3	16	0	31
	Total	0	0	0	4	8	8	9	16	8	38	0	91
Accident (Traffic/Vehicles)	M	1	13	18	433	353	314	317	278	130	219	5	2081
	F	2	12	18	28	38	56	97	59	26	63	0	399
	Total	3	25	36	461	391	370	414	337	156	282	5	2480
Other Accidents	M	3	4	17	29	56	71	88	67	21	32	2	390
	F	2	4	10	7	5	15	18	13	8	18	0	100
	Total	5	8	27	36	61	86	106	80	29	50	2	490
Suicide	M	0	0	19	286	563	689	752	643	260	383	14	3609
	F	0	0	13	234	141	119	108	106	55	118	3	897
	Total	0	0	32	520	704	808	860	749	315	501	17	4506
Homicide	M	0	0	4	7	17	13	10	10	4	3	0	68
	F	0	2	3	4	3	8	7	5	3	5	0	40
	Total	0	2	7	11	20	21	17	15	7	8	0	108
AIDS	M	0	0	0	0	0	2	4	1	2	1	0	10
	F	0	0	0	0	0	1	3	1	0	1	0	6
	Total	0	0	0	0	0	3	7	2	2	2	0	16
Hysteria	M	0	0	0	0	0	0	0	1	0	0	0	1
	F	0	0	0	0	0	0	1	1	1	0	0	3
	Total	0	0	0	0	0	0	1	2	1	0	0	4

Premature	M	86	0	0	0	0	0	0	0	0	0	10	96
	F	67	0	1	0	0	0	0	0	0	0	14	82
	NR	1	0	0	0	0	0	0	0	0	0	0	1
	Total	154	0	1	0	0	0	0	0	0	0	24	179
Blood Pressure	M	1	0	1	6	14	24	73	168	132	440	2	861
	F	0	0	2	4	8	15	40	120	108	652	1	950
	Total	1	0	3	10	22	39	113	288	240	1092	3	1811
Kidney Trouble	M	2	0	3	16	30	97	336	580	371	937	3	2375
	F	0	0	1	11	29	64	166	360	224	670	0	1525
	Total	2	0	4	27	59	161	502	940	595	1607	3	3900
Others	M	1117	176	213	677	903	1748	3559	5501	3493	9662	44	27093
	F	833	129	187	285	427	680	1475	2528	1865	8476	40	16925
	NR	4	0	0	0	0	0	0	0	0	0	0	4
	Total	1954	305	400	962	1330	2428	5034	8029	5358	18138	84	44022
Not Stated	M	20	0	0	1	2	6	31	4	3	14	3	84
	F	0	0	2	0	2	2	24	5	2	12	1	50
	Total	20	0	2	1	4	8	55	9	5	26	4	134
State Total	M	1511	276	455	1966	2742	5034	11144	19576	13274	42022	145	98145
	F	1168	233	360	800	1060	2066	4904	9333	7387	42156	119	69586
	NR	5	0	0	0	0	0	0	0	0	0	0	5
	Total	2684	509	815	2766	3802	7100	16048	28909	20661	84178	264	167736

TABLE - D12

Infant Death by Place of Occurrence, District (Rural & Urban) and Towns with Population 1 Lakh & Above

Sl. No.	District	R/U	Towns with Population one lakh and above	Deaths by Place of Occurrence				Place of Residence of Deceased				
				Male	Female	NR	Total	Within the Registration Unit	Outside the Registration Unit	Outside the State	NR	Total
1	Kasaragod	Rural		12	18	0	30	8	12	0	10	30
		Urban		21	18	0	39	11	22	0	6	39
		Total		33	36	0	69	19	34	0	16	69
2	Kannur	Rural		32	25	1	58	10	40	0	8	58
		Urban		62	54	0	116	2	62	0	52	116
		Total		94	79	1	174	12	102	0	60	174
		Kannur (C)		42	32	0	74	0	38	0	36	74
3	Wayanad	Rural		16	17	0	33	6	16	0	11	33
		Urban		13	7	0	20	1	7	0	12	20
		Total		29	24	0	53	7	23	0	23	53
4	Kozhikode	Rural		10	11	0	21	14	4	0	3	21
		Urban		403	273	0	676	58	154	0	464	676
		Total		413	284	0	697	72	158	0	467	697
		Kozhikode (C)		398	268	0	666	57	146	0	463	666

		Rural		72	67	0	139	23	52	0	64	139
5	Malappuram	Urban		114	72	0	186	11	99	0	76	186
		Total		186	139	0	325	34	151	0	140	325
		Manjeri (M)		14	7	0	21	8	7	0	6	21
		Rural		29	18	0	47	7	25	0	15	47
6	Palakkad	Urban		22	26	0	48	5	23	0	20	48
		Total		51	44	0	95	12	48	0	35	95
		Palakkad (M)		17	15	0	32	5	11	0	16	32
		Rural		114	73	0	187	6	40	0	141	187
7	Thrissur	Urban		89	78	0	167	12	54	0	101	167
		Total		203	151	0	354	18	94	0	242	354
		Thrissur (C)		74	58	0	132	5	36	0	91	132
		Rural		62	50	1	113	8	52	0	53	113
8	Ernakulam	Urban		14	11	0	25	1	17	0	7	25
		Total		76	61	1	138	9	69	0	60	138
		Thrippunithura (M)		2	1	0	3	1	1	0	1	3
		Rural		5	8	1	14	6	4	0	4	14
9	Idukki	Urban		2	4	1	7	0	3	0	4	7
		Total		7	12	2	21	6	7	0	8	21

		Rural	108	69	0	177	9	70	0	98	177
10	Kottayam	Urban	12	10	0	22	0	11	0	11	22
		Total	120	79	0	199	9	81	0	109	199
		Kottayam (M)	2	1	0	3	0	2	0	1	3
11	Alappuzha	Rural	28	19	0	47	5	31	0	11	47
		Urban	1	4	0	5	2	0	0	3	5
		Total	29	23	0	52	7	31	0	14	52
		Alappuzha (M)	1	2	0	3	1	0	0	2	3
12	Pathanamthitta	Rural	28	19	0	47	4	20	0	23	47
		Urban	17	15	0	32	2	11	0	19	32
		Total	45	34	0	79	6	31	0	42	79
13	Kollam	Rural	12	13	0	25	10	8	0	7	25
		Urban	6	13	0	19	3	10	0	6	19
		Total	18	26	0	44	13	18	0	13	44
		Kollam (C)	2	6	0	8	3	3	0	2	8
14	Thiruvananthapuram	Rural	4	9	0	13	7	4	0	2	13
		Urban	250	212	2	464	41	46	0	377	464
		Total	254	221	2	477	48	50	0	379	477
		Thiruvananthapuram (C)	244	210	2	456	38	43	0	375	456
	State Total	Rural	532	416	3	951	123	378	0	450	951
		Urban	1026	797	3	1826	149	519	0	1158	1826
		Total	1558	1213	6	2777	272	897	0	1608	2777

TABLE - D13

Infant Death by Place of Residence, Districts (Rural & Urban) and Towns with Population 1 Lakh & Above												
Sl. No.	District	Rural/Urban	Towns with Population one lakh and above	Deaths by Place of Residence of Mother				Infant Mortality Rate	Place of Occurrence			
				Male	Female	NR	Total		Within the Area	Outside the Area	NR	Total
1	Kasaragod	Rural		20	19	0	39	2.67	8	31	0	39
		Urban		6	8	0	14	5.86	11	3	0	14
		Total		26	27	0	53	3.12	19	34	0	53
2	Kannur	Rural		43	49	1	93	3.74	10	83	0	93
		Urban		13	8	0	21	4.17	2	19	0	21
		Total		56	57	1	114	3.82	12	102	0	114
		Kannur (C)		3	0	0	3	5.69	0	3	0	3
3	Wayanad	Rural		11	17	0	28	3.01	6	22	0	28
		Urban		2	0	0	2	3.7	1	1	0	2
		Total		13	17	0	30	3.05	7	23	0	30
4	Kozhikode	Rural		96	64	0	160	5.62	14	146	0	160
		Urban		43	27	0	70	6.83	58	12	0	70
		Total		139	91	0	230	5.94	72	158	0	230
		Kozhikode (C)		35	22	0	57	7.54	57	0	0	57

		Rural		82	73	0	155	2.54	23	132	0	155
		Urban		18	12	0	30	3.41	11	19	0	30
		Total		100	85	0	185	2.65	34	151	0	185
			Manjeri (M)	5	4	0	9	3.82	8	1	0	9
5	Malappuram	Rural		28	23	0	51	2.24	7	44	0	51
		Urban		5	5	0	10	3.45	5	5	0	10
		Total		33	28	0	61	2.38	12	49	0	61
			Palakkad (M)	4	2	0	6	4.99	5	1	0	6
6	Palakkad	Rural		48	34	0	82	3.72	6	76	0	82
		Urban		17	12	0	29	6.2	12	17	0	29
		Total		65	46	0	111	4.15	18	93	0	111
			Thrissur (C)	3	3	0	6	6.93	5	1	0	6
7	Thrissur	Rural		33	27	1	61	3.94	8	53	0	61
		Urban		11	6	0	17	5.41	1	16	0	17
		Total		44	33	1	78	4.19	9	69	0	78
			Thrippunithura (M)	1	1	0	2	5.09	1	1	0	2
			Kochi (C)	6	0	0	6	8.36	0	6	0	6
8	Ernakulam	Rural		4	7	2	13	1.77	6	7	0	13
		Total		4	7	2	13	1.67	6	7	0	13
9	Idukki	Rural		44	35	0	79	6.03	9	70	0	79
		Urban		8	3	0	11	5.68	0	11	0	11
		Total		52	38	0	90	5.99	9	81	0	90
10	Kottayam		Kottayam (M)	4	2	0	6	5.43	0	6	0	6

11	Alappuzha	Rural		17	15	0	32	3	5	27	0	32
		Urban		4	2	0	6	2.08	2	4	0	6
		Total		21	17	0	38	2.81	7	31	0	38
			Alappuzha (M)	2	1	0	3	2	1	2	0	3
12	Pathanamthitta	Rural		16	13	0	29	3.98	4	25	0	29
		Urban		4	4	0	8	7.71	2	6	0	8
		Total		20	17	0	37	4.44	6	31	0	37
13	Kollam	Rural		9	15	0	24	1.5	10	14	0	24
		Urban		4	3	0	7	1.34	3	4	0	7
		Total		13	18	0	31	1.46	13	18	0	31
			Kollam (C)	4	3	0	7	1.65	3	4	0	7
14	Thiruvananthapuram	Rural		24	24	0	48	2.6	7	41	0	48
		Urban		32	18	0	50	3.86	41	9	0	50
		Total		56	42	0	98	3.12	48	50	0	98
			Thiruvananthapuram (C)	25	13	0	38	3.54	38	0	0	38
15	Not Reported			916	690	2	1608		0	0	1608	1608
	State	Rural		475	415	4	894	3.29	123	771	0	894
		Urban		167	108	0	275	4.42	149	126	0	275
		Total		1558	1213	6	2777	5.69	272	897	1608	2777

TABLE - D14**Infant Deaths by Age and Sex**

Sl. No.	Age	Rural				Urban				All Areas			
		Male	Female	NR	Total	Male	Female	NR	Total	Male	Female	NR	Total
1	7 days	304	236	3	543	658	496	2	1156	962	732	5	1699
2	7 days - 28 days	98	63	0	161	161	121	1	283	259	184	1	444
3	28 days - 6 months	95	82	0	177	154	145	0	299	249	227	0	476
4	6 months -1 year	35	35	0	70	53	35	0	88	88	70	0	158
Total		532	416	3	951	1026	797	3	1826	1558	1213	6	2777

TABLE - D15

Cause of Death	Age of the Deceased									
	Below 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Above	Not Stated	Total
All Areas										
Cholera	0	0	0	0	0	0	0	0	1	1
Heart Attack/Heart diseases	0	0	2	2	3	3	2	3	0	15
Pneumonia	0	0	0	0	0	0	0	1	0	1
Asthma	0	0	0	0	0	0	2	1	0	3
Liver Disease	0	0	0	0	0	0	0	1	0	1
Abortion	0	0	0	0	0	1	0	0	0	1
Complication in Pregnancy, Child birth	0	0	5	1	3	3	0	1	9	22
Birth injuries	0	0	2	0	0	0	0	0	1	3
Blood Pressure	0	0	0	0	1	0	0	0	0	1
All Areas Total	0	0	9	3	7	7	4	7	11	48
Rural Areas										
Cholera	0	0	0	0	0	0	0	0	1	1
Heart Attack/Heart diseases	0	0	0	1	2	0	2	2	0	7
Asthma	0	0	0	0	0	0	2	1	0	3
Abortion	0	0	0	0	0	1	0	0	0	1
Complication in Pregnancy, Child birth	0	0	2	0	3	2	0	1	3	11
Birth injuries	0	0	2	0	0	0	0	0	0	2
Blood Pressure	0	0	0	0	1	0	0	0	0	1
Rural Areas Total	0	0	4	1	6	3	4	4	4	26
Urban Areas										
Heart Attack/Heart diseases	0	0	2	1	1	3	0	1	0	8
Pneumonia	0	0	0	0	0	0	0	1	0	1
Liver Disease	0	0	0	0	0	0	0	1	0	1
Complication in Pregnancy, Child birth	0	0	3	1	0	1	0	0	6	11
Birth injuries	0	0	0	0	0	0	0	0	1	1
Urban Areas Total	0	0	5	2	1	4	0	3	7	22

TABLE - D16

Pregnancy Related Deaths by Age Group of the Deceased and Cause of Death for all Deaths Medically Certified or Not (Rural & Urban)

Cause of Death	Age of the Deceased									
	Below 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Above	Not Stated	Total
All Areas										
Cholera	0	0	0	0	0	0	0	0	1	1
Heart Attack/Heart diseases	0	0	2	2	3	4	3	3	0	17
Pneumonia	0	0	0	0	0	0	0	1	0	1
Asthma	0	0	1	0	1	0	2	1	0	5
Liver Disease	0	0	0	0	0	0	0	1	0	1
Abortion	0	0	0	0	0	1	0	0	0	1
Complication in Pregnancy, Child birth	0	0	8	1	5	4	0	2	11	31
Birth injuries	0	0	2	0	0	0	0	0	1	3
Blood Pressure	0	0	0	0	1	1	0	0	0	2
Kidney Trouble	1	0	0	0	0	0	0	0	0	1
All Areas Total	1	0	13	3	10	10	5	8	13	63
Rural Areas										
Cholera	0	0	0	0	0	0	0	0	1	1
Heart Attack/Heart diseases	0	0	0	1	2	1	3	2	0	9
Asthma	0	0	1	0	0	0	2	1	0	4
Abortion	0	0	0	0	0	1	0	0	0	1
Complication in Pregnancy, Child birth	0	0	5	0	5	3	0	1	5	19
Birth injuries	0	0	2	0	0	0	0	0	0	2
Blood Pressure	0	0	0	0	1	1	0	0	0	2
Kidney Trouble	1	0	0	0	0	0	0	0	0	1
Rural Areas Total	1	0	8	1	8	6	5	4	6	39
Urban Areas										
Heart Attack/Heart diseases	0	0	2	1	1	3	0	1	0	8
Pneumonia	0	0	0	0	0	0	0	1	0	1
Asthma	0	0	0	0	1	0	0	0	0	1
Liver Disease	0	0	0	0	0	0	0	1	0	1
Complication in Pregnancy, Child birth	0	0	3	1	0	1	0	1	6	12
Birth injuries	0	0	0	0	0	0	0	0	1	1
Urban Areas Total	0	0	5	2	2	4	0	4	7	24

TABLE - D17				
Pregnancy Related Deaths				
Sl. No.	District	Rural	Urban	Total
1	Kasaragod	1	0	1
2	Kannur	2	1	3
3	Wayanad	2	0	2
4	Kozhikode	3	6	9
5	Malappuram	9	5	14
6	Palakkad	4	2	6
7	Thrissur	3	1	4
8	Ernakulam		1	1
9	Idukki	2	0	2
10	Kottayam	3	2	5
11	Alappuzha	1	1	2
12	Pathanamthitta	2	2	4
13	Kollam	5	1	6
14	Thiruvananthapuram	2	2	4
Total		39	24	63

TABLE - D18

Pregnancy Related Deaths by Age and Occupation (Rural & Urban)											
Occupation of Mother	Age of the Deceased										
	Below 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Above	Not Stated	Total	
All Areas											
Professional, Technical and related workers	0	0	0	1	0	0	0	0	0	1	
Service Workers	0	0	0	0	1	0	0	0	1	2	
Production and other related workers, transport & other equipment operators & labourers	0	0	0	0	1	0	0	0	0	1	
Workers whose occupation are not elsewhere classified	0	0	1	0	0	1	1	0	0	3	
Non Workers	0	0	10	2	4	6	1	4	6	33	
Not Stated	1	0	2	0	4	3	3	4	6	23	
All Areas Total	1	0	13	3	10	10	5	8	13	63	
Rural Areas											
Service Workers	0	0	0	0	1	0	0	0	1	2	
Production and other related workers, transport & other equipment operators & labourers	0	0	0	0	1	0	0	0	0	1	
Workers whose occupation are not elsewhere classified	0	0	0	0	0	0	1	0	0	1	
Non Workers	0	0	6	1	3	4	1	3	3	21	
Not Stated	1	0	2	0	3	2	3	1	2	14	
Rural Areas Total	1	0	8	1	8	6	5	4	6	39	
Urban Areas											
Professional, Technical and related workers	0	0	0	1	0	0	0	0	0	1	
Workers whose occupation are not elsewhere classified	0	0	1	0	0	1	0	0	0	2	
Non Workers	0	0	4	1	1	2	0	1	3	12	
Not Stated	0	0	0	0	1	1	0	3	4	9	
Urban Areas Total	0	0	5	2	2	4	0	4	7	24	

TABLE - D19**Deaths by selected cause of Death, Age, Sex, and Habit (Rural)**

Selected Cause of Death / Sex/Habit	Age Group									Total	
	Below 15	15-24	25-34	35-44	45-54	55-64	65-69	70 & Above	Not Stated		
TUBERCULOSIS											
MALE											
Habit not Known	0	2	2	9	32	42	18	56	0	161	
Only Smoking	0	0	0	1	2	5	9	11	0	28	
Only Chewing Tobacco	0	0	0	0	0	1	1	2	0	4	
Smoking and Chewing Tobacco	0	0	0	1	0	1	0	1	0	3	
Smoking and Chewing Arecanut	0	0	0	0	1	0	0	0	0	1	
Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1	
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1	
Only Drinking Alcohol	0	0	1	3	1	4	1	1	0	11	
Smoking and Drinking Alcohol	0	0	1	2	7	10	7	9	0	36	
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1	
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	2	1	3	2	0	9	
Chewing Arecanut and Drinking Alcohol	0	0	1	0	0	0	1	0	0	2	
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1	
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1	
All Habits	0	0	0	1	1	0	0	0	0	2	
Male Total	0	2	5	20	47	66	40	82	0	262	
FEMALE											
Habit not Known	0	0	4	7	15	13	7	28	0	74	
Only Chewing Tobacco	0	0	0	0	0	0	1	0	0	1	
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1	
Female Total	0	0	4	7	15	14	8	28	0	76	
ALL											

Habit not Known	0	2	6	16	47	55	25	84	0	235
Only Smoking	0	0	0	1	2	5	9	11	0	28
Only Chewing Tobacco	0	0	0	0	0	1	2	2	0	5
Smoking and Chewing Tobacco	0	0	0	1	0	1	0	1	0	3
Smoking and Chewing Arecanut	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Tobaccoa and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	1	3	1	4	1	1	0	11
Smoking and Drinking Alcohol	0	0	1	2	7	10	7	9	0	36
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Tobaccoa and Drinking Alcohol	0	0	0	1	2	2	3	2	0	10
Chewing Arecanut and Drinking Alcohol	0	0	1	0	0	0	1	0	0	2
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	0	1	1	0	0	0	0	2
All Total	0	2	9	27	62	80	48	110	0	338

WHOOPING COUGH

MALE										
Habit not Known	0	0	0	0	0	0	0	2	0	2
Male Total	0	2	0	2						
FEMALE										
Habit not Known	0	0	0	0	0	0	0	1	0	1
Female Total	0	1	0	1						
ALL										
Habit not Known	0	0	0	0	0	0	0	3	0	3
All Total	0	3	0	3						
CANCER										
MALE										
Habit not Known	26	33	65	155	525	1440	1099	2443	3	5789

Only Smoking	0	0	0	16	80	255	185	335	0	871
Only Chewing Tobacco	0	0	1	0	7	17	14	49	0	88
Smoking and Chewing Tobacco	0	0	0	1	2	21	9	27	0	60
Only Chewing ArecaNut	0	0	1	3	1	2	1	5	0	13
Smoking and Chewing ArecaNut	0	0	0	1	0	0	1	0	0	2
Chewing Tobacco and ArecaNut	0	0	0	1	1	3	2	6	0	13
Smoking, Chewing Tobacco and ArecaNut	0	0	0	0	0	2	2	4	0	8
Only Drinking Alcohol	0	0	1	3	15	31	22	36	0	108
Smoking and Drinking Alcohol	0	0	1	11	66	203	128	142	0	551
Chewing Tobacco and Drinking Alcohol	0	0	0	0	5	12	3	11	0	31
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	2	13	22	21	40	0	98
Chewing ArecaNut and Drinking Alcohol	0	0	1	0	0	1	1	1	0	4
Smoking, Chewing ArecaNut and Drinking Alcohol	0	0	0	0	2	3	1	1	0	7
Drinking, Chewing Tobacco and ArecaNut	0	0	1	2	1	3	0	6	0	13
All Habits	0	0	0	2	3	7	3	4	0	19
Male Total	26	33	71	197	721	2022	1492	3110	3	7675
FEMALE										
Habit not Known	22	22	74	263	784	1257	723	1973	7	5125
Only Smoking	0	0	0	0	0	1	2	4	0	7
Only Chewing Tobacco	0	0	0	5	11	19	19	70	0	124
Only Chewing ArecaNut	0	0	0	0	1	1	1	4	0	7
Chewing Tobacco and ArecaNut	0	0	0	0	0	3	5	5	0	13
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	1	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Female Total	22	22	74	268	797	1281	751	2057	7	5279
ALL										
Habit not Known	48	55	139	418	1309	2697	1822	4416	10	10914

Only Smoking	0	0	0	16	80	256	187	339	0	878
Only Chewing Tobacco	0	0	1	5	18	36	33	119	0	212
Smoking and Chewing Tobacco	0	0	0	1	2	21	9	27	0	60
Only Chewing Areca nut	0	0	1	3	2	3	2	9	0	20
Smoking and Chewing Areca nut	0	0	0	1	0	0	1	0	0	2
Chewing Tobacco and Areca nut	0	0	0	1	1	6	7	11	0	26
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	0	2	2	4	0	8
Only Drinking Alcohol	0	0	1	3	15	31	22	36	0	108
Smoking and Drinking Alcohol	0	0	1	11	66	203	128	142	0	551
Chewing Tobacco and Drinking Alcohol	0	0	0	0	6	12	4	11	0	33
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	2	13	22	21	41	0	99
Chewing Areca nut and Drinking Alcohol	0	0	1	0	0	1	1	1	0	4
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	2	3	1	1	0	7
Drinking, Chewing Tobacco and Areca nut	0	0	1	2	1	3	0	6	0	13
All Habits	0	0	0	2	3	7	3	4	0	19
All Total	48	55	145	465	1518	3303	2243	5167	10	12954

DIABETES

MALE										
Habit not Known	2	2	5	24	62	173	145	520	1	934
Only Smoking	0	0	0	1	7	13	9	27	0	57
Only Chewing Tobacco	0	0	0	0	1	1	3	2	0	7
Smoking and Chewing Tobacco	0	0	0	0	1	0	1	5	0	7
Smoking and Chewing Areca nut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	1	0	2
Only Drinking Alcohol	0	0	0	1	5	6	4	6	0	22
Smoking and Drinking Alcohol	0	0	0	0	6	11	6	11	0	34
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	2	0	3

Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	0	2	0	4
Chewing Areca Nut and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Drinking, Chewing Tobacco and Areca Nut	0	0	0	0	0	0	0	1	0	1
All Habits	0	0	0	1	0	0	1	0	0	2
Male Total	2	2	5	27	83	208	169	579	1	1076
FEMALE										
Habit not Known	0	2	7	12	82	203	181	854	2	1343
Only Chewing Tobacco	0	0	0	0	0	4	6	11	0	21
Chewing Tobacco and Areca Nut	0	0	0	0	0	1	0	1	0	2
Only Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Female Total	0	2	7	12	82	208	187	867	2	1367
ALL										
Habit not Known	2	4	12	36	144	376	326	1374	3	2277
Only Smoking	0	0	0	1	7	13	9	27	0	57
Only Chewing Tobacco	0	0	0	0	1	5	9	13	0	28
Smoking and Chewing Tobacco	0	0	0	0	1	0	1	5	0	7
Smoking and Chewing Areca Nut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Areca Nut	0	0	0	0	0	2	0	2	0	4
Only Drinking Alcohol	0	0	0	1	5	6	4	7	0	23
Smoking and Drinking Alcohol	0	0	0	0	6	11	6	11	0	34
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	2	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	0	2	0	4
Chewing Areca Nut and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Drinking, Chewing Tobacco and Areca Nut	0	0	0	0	0	0	0	1	0	1
All Habits	0	0	0	1	0	0	1	0	0	2
All Total	2	4	12	39	165	416	356	1446	3	2443
HEART ATTACK / HEART DISEASES										
MALE										
Habit not Known	140	95	253	765	2274	4708	3281	9792	26	21334

Only Smoking	0	1	7	44	233	513	335	549	2	1684
Only Chewing Tobacco	0	0	0	2	16	31	20	112	0	181
Smoking and Chewing Tobacco	0	0	0	5	9	25	12	46	0	97
Only Chewing Areca Nut	0	0	0	0	2	5	3	9	0	19
Smoking and Chewing Areca Nut	0	0	0	0	1	4	0	0	0	5
Chewing Tobacco and Areca Nut	0	0	1	2	1	1	4	6	0	15
Smoking, Chewing Tobacco and Areca Nut	0	0	0	1	3	2	3	8	0	17
Only Drinking Alcohol	0	1	10	30	89	100	44	79	0	353
Smoking and Drinking Alcohol	0	0	15	50	237	335	172	240	0	1049
Chewing Tobacco and Drinking Alcohol	0	0	2	3	8	21	13	28	0	75
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	3	5	20	42	25	50	0	145
Chewing Areca Nut and Drinking Alcohol	0	0	0	3	4	4	2	3	0	16
Smoking, Chewing Areca Nut and Drinking Alcohol	0	0	0	2	3	3	0	2	0	10
Drinking, Chewing Tobacco and Areca Nut	0	0	1	3	4	3	1	4	0	16
All Habits	0	1	1	4	11	9	4	15	0	45
Male Total	140	98	293	919	2915	5806	3919	10943	28	25061
FEMALE										
Habit not Known	122	54	109	336	1063	2391	2017	10247	14	16353
Only Smoking	0	0	0	0	1	0	2	4	0	7
Only Chewing Tobacco	0	0	0	1	10	22	17	135	0	185
Smoking and Chewing Tobacco	0	0	0	0	0	1	0	3	0	4
Only Chewing Areca Nut	0	0	1	0	0	6	1	19	0	27
Chewing Tobacco and Areca Nut	0	0	0	0	1	1	6	13	0	21
Smoking, Chewing Tobacco and Areca Nut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Smoking and Drinking Alcohol	0	0	1	0	1	0	0	0	0	2
Chewing Areca Nut and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1

Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	0	0	0	0	1
Female Total	122	54	111	337	1077	2422	2044	10422	14	16603
ALL										
Habit not Known	262	149	362	1101	3337	7099	5298	20039	40	37687
Only Smoking	0	1	7	44	234	513	337	553	2	1691
Only Chewing Tobacco	0	0	0	3	26	53	37	247	0	366
Smoking and Chewing Tobacco	0	0	0	5	9	26	12	49	0	101
Only Chewing Areca nut	0	0	1	0	2	11	4	28	0	46
Smoking and Chewing Areca nut	0	0	0	0	1	4	0	0	0	5
Chewing Tobacco and Areca nut	0	0	1	2	2	2	10	19	0	36
Smoking, Chewing Tobacco and Areca nut	0	0	0	1	3	2	3	9	0	18
Only Drinking Alcohol	0	1	10	30	89	101	44	79	0	354
Smoking and Drinking Alcohol	0	0	16	50	238	335	172	240	0	1051
Chewing Tobacco and Drinking Alcohol	0	0	2	3	8	21	13	28	0	75
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	3	5	20	42	25	50	0	145
Chewing Areca nut and Drinking Alcohol	0	0	0	3	4	4	3	3	0	17
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	2	3	3	0	2	0	10
Drinking, Chewing Tobacco and Areca nut	0	0	1	3	5	3	1	4	0	17
All Habits	0	1	1	4	11	9	4	15	0	45
All Total	262	152	404	1256	3992	8228	5963	21365	42	41664
PNEUMONIA										
MALE										
Habit not Known	12	8	8	18	22	38	33	170	1	310
Only Smoking	0	0	1	0	3	5	2	22	0	33
Only Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Smoking and Chewing Tobacco	0	0	0	0	0	2	0	1	0	3
Only Chewing Areca nut	0	0	0	0	0	0	0	2	0	2
Smoking and Chewing	0	0	0	0	1	0	0	0	0	1

Arecanut										
Only Drinking Alcohol	0	0	0	3	4	0	1	0	0	8
Smoking and Drinking Alcohol	0	0	0	2	4	6	3	5	0	20
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	2	0	2
Male Total	12	8	9	23	34	51	39	204	1	381
FEMALE										
Habit not Known	14	8	6	19	14	40	25	208	1	335
Only Smoking	0	0	0	0	0	0	0	1	0	1
Only Chewing Tobacco	0	0	0	0	0	1	1	3	0	5
Only Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Female Total	14	8	6	19	14	41	26	213	1	342
ALL										
Habit not Known	26	16	14	37	36	78	58	378	2	645
Only Smoking	0	0	1	0	3	5	2	23	0	34
Only Chewing Tobacco	0	0	0	0	0	1	1	5	0	7
Smoking and Chewing Tobacco	0	0	0	0	0	2	0	1	0	3
Only Chewing Arecanut	0	0	0	0	0	0	0	3	0	3
Smoking and Chewing Arecanut	0	0	0	0	1	0	0	0	0	1
Only Drinking Alcohol	0	0	0	3	4	0	1	0	0	8
Smoking and Drinking Alcohol	0	0	0	2	4	6	3	5	0	20
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	2	0	2
All Total	26	16	15	42	48	92	65	417	2	723
ASTHMA										
MALE										
Habit not Known	46	21	38	80	295	1028	1036	6687	17	9248
Only Smoking	0	0	1	9	39	133	156	448	0	786
Only Chewing Tobacco	0	0	0	3	3	14	14	72	0	106
Smoking and Chewing Tobacco	0	0	0	0	1	12	5	32	0	50
Only Chewing Arecanut	0	0	0	2	0	1	0	7	0	10
Smoking and Chewing Arecanut	0	0	0	0	0	3	0	0	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	4	0	5

Smoking, Chewing Tobacco and Areca nut	0	0	0	0	0	1	1	5	0	7
Only Drinking Alcohol	0	0	0	4	11	17	17	44	0	93
Smoking and Drinking Alcohol	0	0	1	7	36	79	71	147	0	341
Chewing Tobacco and Drinking Alcohol	0	0	0	1	4	3	2	9	0	19
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	5	8	10	30	0	53
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	0	2	0	2
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	2	1	1	0	4
All Habits	0	0	0	1	3	4	2	10	0	20
Male Total	46	21	40	107	397	1305	1316	7498	17	10747
FEMALE										
Habit not Known	42	14	27	73	226	649	689	9107	12	10839
Only Smoking	0	0	0	0	0	0	0	6	0	6
Only Chewing Tobacco	0	0	0	1	1	5	10	116	0	133
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Areca nut	0	0	0	0	0	0	1	8	0	9
Smoking and Chewing Areca nut	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	0	1	10	0	11
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	0	0	1	0	1
Female Total	42	14	27	74	227	657	701	9249	12	11003
SEX NOT REPORTED										
Habit not Known	0	0	0	0	0	0	0	1	0	1
Sex not Reported Total	0	0	0	0	0	0	0	1	0	1
ALL										
Habit not Known	88	35	65	153	521	1677	1725	15795	29	20088
Only Smoking	0	0	1	9	39	133	156	454	0	792
Only Chewing Tobacco	0	0	0	4	4	19	24	188	0	239

Smoking and Chewing Tobacco	0	0	0	0	1	12	5	33	0	51
Only Chewing Areca nut	0	0	0	2	0	1	1	15	0	19
Smoking and Chewing Areca nut	0	0	0	0	0	4	0	0	0	4
Chewing Tobacco and Areca nut	0	0	0	0	0	0	2	14	0	16
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	0	2	1	5	0	8
Only Drinking Alcohol	0	0	0	4	11	18	17	44	0	94
Smoking and Drinking Alcohol	0	0	1	7	36	79	71	147	0	341
Chewing Tobacco and Drinking Alcohol	0	0	0	1	4	3	2	9	0	19
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	5	8	10	30	0	53
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	0	2	0	2
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	2	1	2	0	5
All Habits	0	0	0	1	3	4	2	10	0	20
All Total	88	35	67	181	624	1962	2017	16748	29	21751

JAUNDIS

MALE										
Habit not Known	12	9	10	24	26	33	13	40	0	167
Only Smoking	0	0	0	1	0	7	2	1	0	11
Only Chewing Tobacco	0	0	0	0	0	0	1	0	0	1
Smoking and Chewing Tobacco	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	0	2	2	4	1	0	1	0	10
Smoking and Drinking Alcohol	0	0	1	5	1	2	1	1	0	11
Chewing Tobacco and Drinking Alcohol	0	0	1	0	1	1	1	0	0	4
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	0	0	0	2
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Male Total	12	9	14	34	32	46	18	43	0	208
FEMALE										
Habit not Known	7	0	4	6	7	17	10	35	0	86
Only Smoking	0	0	0	0	0	0	0	1	0	1

Only Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Female Total	7	0	4	6	7	17	10	39	0	90
ALL										
Habit not Known	19	9	14	30	33	50	23	75	0	253
Only Smoking	0	0	0	1	0	7	2	2	0	12
Only Chewing Tobacco	0	0	0	0	0	0	1	2	0	3
Smoking and Chewing Tobacco	0	0	0	1	0	0	0	0	0	1
Only Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	2	2	4	1	0	1	0	10
Smoking and Drinking Alcohol	0	0	1	5	1	2	1	1	0	11
Chewing Tobacco and Drinking Alcohol	0	0	1	0	1	1	1	0	0	4
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	0	0	0	2
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
All Total	19	9	18	40	39	63	28	82	0	298
LIVER DISEASE										
MALE										
Habit not Known	4	4	14	65	168	276	175	334	0	1040
Only Smoking	0	1	1	4	12	15	13	22	0	68
Only Chewing Tobacco	0	0	0	1	1	1	1	0	0	4
Smoking and Chewing Tobacco	0	0	0	0	0	2	3	2	0	7
Only Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Smoking and Chewing Arecanut	0	0	0	0	1	0	1	0	0	2
Chewing Tobacco and Arecanut	0	0	0	0	1	0	0	0	0	1
Only Drinking Alcohol	0	0	2	14	43	37	5	22	0	123
Smoking and Drinking Alcohol	0	0	1	11	47	48	20	23	0	150
Chewing Tobacco and Drinking Alcohol	0	0	0	3	3	0	2	2	0	10
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	5	5	3	4	0	18

Chewing Areca Nut and Drinking Alcohol	0	0	0	0	0	2	0	0	0	2
Smoking, Chewing Areca Nut and Drinking Alcohol	0	0	1	0	1	1	0	0	0	3
Drinking, Chewing Tobacco and Areca Nut	0	0	1	0	0	2	0	0	0	3
All Habits	0	0	0	2	1	0	0	1	0	4
Male Total	4	5	20	101	283	389	223	411	0	1436
FEMALE										
Habit not Known	5	2	7	18	39	115	93	314	1	594
Only Chewing Tobacco	0	0	0	0	1	1	0	1	0	3
Smoking and Chewing Tobacco	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Areca Nut	0	0	0	0	0	1	0	0	0	1
Female Total	5	2	7	18	40	118	93	315	1	599
ALL										
Habit not Known	9	6	21	83	207	391	268	648	1	1634
Only Smoking	0	1	1	4	12	15	13	22	0	68
Only Chewing Tobacco	0	0	0	1	2	2	1	1	0	7
Smoking and Chewing Tobacco	0	0	0	0	0	3	3	2	0	8
Only Chewing Areca Nut	0	0	0	0	0	0	0	1	0	1
Smoking and Chewing Areca Nut	0	0	0	0	1	0	1	0	0	2
Chewing Tobacco and Areca Nut	0	0	0	0	1	0	0	0	0	1
Only Drinking Alcohol	0	0	2	14	43	37	5	22	0	123
Smoking and Drinking Alcohol	0	0	1	11	47	48	20	23	0	150
Chewing Tobacco and Drinking Alcohol	0	0	0	3	3	0	2	2	0	10
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	5	5	3	4	0	18
Chewing Areca Nut and Drinking Alcohol	0	0	0	0	0	2	0	0	0	2
Smoking, Chewing Areca Nut and Drinking Alcohol	0	0	1	0	1	1	0	0	0	3
Drinking, Chewing Tobacco and Areca Nut	0	0	1	0	0	3	0	0	0	4
All Habits	0	0	0	2	1	0	0	1	0	4
All Total	9	7	27	119	323	507	316	726	1	2035

ULCER										
MALE										
Habit not Known	0	2	1	4	7	15	13	37	0	79
Only Smoking	0	0	0	0	0	0	1	4	0	5
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Drinking Alcohol	0	0	0	1	0	2	0	2	0	5
Smoking and Drinking Alcohol	0	0	0	1	2	1	3	1	0	8
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	0	0	1
All Habits	0	0	1	0	0	0	0	1	0	2
Male Total	0	2	3	6	9	19	17	48	0	104
FEMALE										
Habit not Known	1	0	3	3	8	12	9	55	0	91
Only Chewing Tobacco	0	0	0	0	0	1	1	1	0	3
Female Total	1	0	3	3	8	13	10	56	0	94
ALL										
Habit not Known	1	2	4	7	15	27	22	92	0	170
Only Smoking	0	0	0	0	0	0	1	4	0	5
Only Chewing Tobacco	0	0	0	0	0	1	1	2	0	4
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Drinking Alcohol	0	0	0	1	0	2	0	2	0	5
Smoking and Drinking Alcohol	0	0	0	1	2	1	3	1	0	8
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	0	0	1
All Habits	0	0	1	0	0	0	0	1	0	2
All Total	1	2	6	9	17	32	27	104	0	198
PARALYSIS										
MALE										
Habit not Known	9	5	8	25	112	308	270	1162	1	1900
Only Smoking	0	0	0	2	12	23	21	53	0	111
Only Chewing Tobacco	0	0	0	0	0	5	4	18	0	27
Smoking and Chewing Tobacco	0	0	0	0	0	0	2	10	0	12

Only Chewing Areca nut	0	0	0	0	0	0	0	3	0	3
Chewing Tobacco and Areca nut	0	0	0	0	0	0	1	2	0	3
Only Drinking Alcohol	0	0	0	2	2	7	4	12	0	27
Smoking and Drinking Alcohol	0	0	0	2	4	25	9	15	0	55
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	1	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	3	2	6	0	12
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	0	1	0	0	1
All Habits	0	0	0	0	0	0	1	1	0	2
Male Total	9	5	8	31	132	371	315	1284	1	2156
FEMALE										
Habit not Known	3	4	5	22	69	244	261	1646	3	2257
Only Smoking	0	0	0	0	0	0	0	1	0	1
Only Chewing Tobacco	0	0	0	0	0	1	3	35	0	39
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Smoking and Chewing Areca nut	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	3	0	4
Smoking and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Female Total	3	4	5	22	69	247	265	1686	3	2304
ALL										
Habit not Known	12	9	13	47	181	552	531	2808	4	4157
Only Smoking	0	0	0	2	12	23	21	54	0	112
Only Chewing Tobacco	0	0	0	0	0	6	7	53	0	66
Smoking and Chewing Tobacco	0	0	0	0	0	0	2	11	0	13
Only Chewing Areca nut	0	0	0	0	0	0	0	3	0	3
Smoking and Chewing Areca nut	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	1	1	5	0	7
Only Drinking Alcohol	0	0	0	2	2	7	4	12	0	27
Smoking and Drinking Alcohol	0	0	0	2	4	25	10	15	0	56
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	1	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	3	2	6	0	12

Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	0	1	0	0	1
All Habits	0	0	0	0	0	0	1	1	0	2
All Total	12	9	13	53	201	618	580	2970	4	4460

ACCIDENT(TRAFFIC/VEHICLES)

MALE										
Habit not Known	20	272	226	178	181	157	78	130	3	1245
Only Smoking	0	2	3	9	5	8	3	7	0	37
Smoking and Chewing Tobacco	0	0	0	1	1	0	1	0	0	3
Only Drinking Alcohol	0	3	12	10	6	4	0	2	0	37
Smoking and Drinking Alcohol	0	0	5	4	6	11	2	1	0	29
Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	0	1	0	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	2	1	1	1	0	0	6
Drinking, Chewing Tobacco and Areca nut	0	1	0	0	0	0	0	0	0	1
All Habits	0	0	0	1	1	1	0	0	0	3
Male Total	20	278	247	206	202	182	86	140	3	1364
FEMALE										
Habit not Known	23	18	26	36	67	40	19	46	0	275
Only Smoking	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Female Total	23	18	26	36	68	40	19	47	0	277
ALL										
Habit not Known	43	290	252	214	248	197	97	176	3	1520
Only Smoking	0	2	3	9	5	8	3	8	0	38
Smoking and Chewing Tobacco	0	0	0	1	1	0	1	0	0	3
Only Drinking Alcohol	0	3	12	10	7	4	0	2	0	38
Smoking and Drinking Alcohol	0	0	5	4	6	11	2	1	0	29
Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	0	1	0	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	2	1	1	1	0	0	6
Drinking, Chewing Tobacco and Areca nut	0	1	0	0	0	0	0	0	0	1
All Habits	0	0	0	1	1	1	0	0	0	3
All Total	43	296	273	242	270	222	105	187	3	1641

SUICIDE										
MALE										
Habit not Known	18	234	342	350	405	392	177	305	10	2233
Only Smoking	0	4	12	17	27	34	13	15	0	122
Only Chewing Tobacco	0	0	2	1	2	3	2	2	0	12
Smoking and Chewing Tobacco	0	0	0	1	0	1	0	4	0	6
Only Chewing Areca nut	0	0	1	2	0	0	0	0	0	3
Chewing Tobacco and Areca nut	0	0	0	0	1	0	1	0	0	2
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	15	99	136	117	92	25	25	2	511
Smoking and Drinking Alcohol	1	6	37	85	101	99	24	18	0	371
Chewing Tobacco and Drinking Alcohol	0	0	3	9	8	6	4	1	0	31
Smoking, Chewing Tobacco and Drinking Alcohol	0	4	4	14	13	9	8	3	0	55
Chewing Areca nut and Drinking Alcohol	0	0	2	6	4	0	0	3	0	15
Smoking, Chewing Areca nut and Drinking Alcohol	0	1	3	1	2	0	0	1	0	8
Drinking, Chewing Tobacco and Areca nut	0	0	3	6	1	1	1	0	0	12
All Habits	0	0	8	8	3	2	2	1	0	24
Male Total	19	264	516	636	684	639	257	379	12	3406
FEMALE										
Habit not Known	12	214	128	104	102	101	47	117	3	828
Only Chewing Tobacco	0	0	0	1	0	2	1	0	0	4
Only Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	0	0	0	0	2
Female Total	12	214	128	107	103	103	48	117	3	835
ALL										
Habit not Known	30	448	470	454	507	493	224	422	13	3061
Only Smoking	0	4	12	17	27	34	13	15	0	122
Only Chewing Tobacco	0	0	2	2	2	5	3	2	0	16
Smoking and Chewing Tobacco	0	0	0	1	0	1	0	4	0	6
Only Chewing Areca nut	0	0	1	2	0	0	0	0	0	3
Chewing Tobacco and Areca nut	0	0	0	0	1	0	1	0	0	2

Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	15	99	137	117	92	25	25	2	512
Smoking and Drinking Alcohol	1	6	37	85	101	99	24	18	0	371
Chewing Tobacco and Drinking Alcohol	0	0	3	10	9	6	4	1	0	33
Smoking, Chewing Tobacco and Drinking Alcohol	0	4	4	14	13	9	8	3	0	55
Chewing Arecanut and Drinking Alcohol	0	0	2	6	4	0	0	3	0	15
Smoking, Chewing Arecanut and Drinking Alcohol	0	1	3	1	2	0	0	1	0	8
Drinking, Chewing Tobacco and Arecanut	0	0	3	6	1	1	1	0	0	12
All Habits	0	0	8	8	3	2	2	1	0	24
All Total	31	478	644	743	787	742	305	496	15	4241

BLOOD PRESSURE

MALE										
Habit not Known	0	3	5	13	47	119	124	486	3	800
Only Smoking	0	0	0	0	6	13	10	29	0	58
Only Chewing Tobacco	0	0	0	0	0	0	3	6	0	9
Smoking and Chewing Tobacco	0	0	1	0	1	2	0	4	0	8
Only Chewing Arecanut	0	0	0	0	0	0	1	2	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	2	3	2	5	0	12
Smoking and Drinking Alcohol	0	0	0	0	6	6	1	2	0	15
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	1	3	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	1	4	0	7
Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	0	2	1	0	4
All Habits	0	0	0	1	1	0	0	2	0	4
Male Total	0	3	6	14	64	146	145	546	3	927
FEMALE										
Habit not Known	0	2	6	12	36	159	148	972	1	1336

Only Chewing Tobacco	0	0	0	1	1	5	3	33	0	43
Only Chewing Areca nut	0	0	0	0	1	0	0	1	0	2
Chewing Tobacco and Areca nut	0	0	0	0	1	0	0	2	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Female Total	0	2	6	13	39	165	151	1008	1	1385
ALL										
Habit not Known	0	5	11	25	83	278	272	1458	4	2136
Only Smoking	0	0	0	0	6	13	10	29	0	58
Only Chewing Tobacco	0	0	0	1	1	5	6	39	0	52
Smoking and Chewing Tobacco	0	0	1	0	1	2	0	4	0	8
Only Chewing Areca nut	0	0	0	0	1	0	1	3	0	5
Chewing Tobacco and Areca nut	0	0	0	0	1	0	0	3	0	4
Only Drinking Alcohol	0	0	0	0	2	3	2	5	0	12
Smoking and Drinking Alcohol	0	0	0	0	6	6	1	2	0	15
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	1	3	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	3	1	4	0	8
Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	1	0	2	1	0	4
All Habits	0	0	0	1	1	0	0	2	0	4
All Total	0	5	12	27	103	311	296	1554	4	2312

TABLE - D20**Deaths by Selected Cause of Death, Age, Sex and Habit (Urban)**

Selected Cause of Death/Sex/Habit	Age Group									
	Below 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Above	Not Stated	Total
TUBERCULOSIS										
MALE										
Habit not Known	0	0	2	3	17	17	9	15	0	63
Only Smoking	0	0	0	0	2	5	0	4	0	11
Only Chewing Tobacco	0	0	0	0	1	0	1	1	0	3
Smoking and Chewing Tobacco	0	0	0	0	1	1	1	1	0	4
Only Chewing Areca nut	0	0	0	0	1	0	0	0	0	1
Only Drinking Alcohol	0	0	0	2	1	0	1	1	0	5
Smoking and Drinking Alcohol	0	0	0	2	10	6	5	5	0	28
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	1	0	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	2	0	3
Male Total	0	0	2	8	33	31	17	29	0	120
FEMALE										
Habit not Known	1	2	2	3	3	6	4	4	0	25
Chewing Tobacco and Areca nut	0	0	0	0	0	0	1	0	0	1
Female Total	1	2	2	3	3	6	5	4	0	26
ALL										
Habit not Known	1	2	4	6	20	23	13	19	0	88
Only Smoking	0	0	0	0	2	5	0	4	0	11
Only Chewing Tobacco	0	0	0	0	1	0	1	1	0	3
Smoking and Chewing Tobacco	0	0	0	0	1	1	1	1	0	4
Only Chewing Areca nut	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	0	2	1	0	1	1	0	5

Smoking and Drinking Alcohol	0	0	0	2	10	6	5	5	0	28
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	1	0	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	2	0	3
All Total	1	2	4	11	36	37	22	33	0	146

WHOOPING COUGH

MALE										
Habit not Known	0	0	0	0	0	0	0	1	0	1
Smoking and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Male Total	0	0	0	0	0	0	1	1	0	2
ALL										
Habit not Known	0	0	0	0	0	0	0	1	0	1
Smoking and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
All Total	0	0	0	0	0	0	1	1	0	2

CANCER

MALE										
Habit not Known	45	49	55	140	369	765	561	1010	5	2999
Only Smoking	0	0	1	1	51	141	79	97	2	372
Only Chewing Tobacco	0	0	0	0	2	5	5	12	0	24
Smoking and Chewing Tobacco	0	0	0	0	3	6	8	6	0	23
Only Chewing Areca nut	0	0	0	0	0	1	1	2	0	4
Smoking and Chewing Areca nut	0	0	0	0	0	0	1	0	0	1
Chewing Tobacco and Areca nut	0	0	0	2	0	0	0	1	0	3
Smoking, Chewing Tobacco and Areca nut	0	0	0	1	0	2	0	0	0	3
Only Drinking Alcohol	0	0	0	4	5	19	7	10	0	45
Smoking and Drinking Alcohol	0	0	2	6	57	132	77	62	0	336
Chewing Tobacco and Drinking Alcohol	0	0	0	0	3	6	1	6	0	16
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	4	14	7	13	0	38
Chewing Areca nut and Drinking Alcohol	0	0	1	0	2	0	0	1	0	4
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	1	0	1	1	0	3
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	2	0	0	0	0	2
All Habits	0	0	0	1	0	3	1	1	0	6
Male Total	45	49	59	155	499	1094	749	1222	7	3879

FEMALE										
Habit not Known	45	24	65	227	490	633	362	775	1	2622
Only Smoking	0	0	0	0	0	0	1	0	0	1
Only Chewing Tobacco	0	0	0	0	1	7	7	15	0	30
Only Chewing Arecanut	0	0	0	0	1	1	0	1	0	3
Chewing Tobacco and Arecanut	0	0	0	1	1	0	1	0	0	3
Only Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Female Total	45	24	65	228	495	641	372	791	1	2662
ALL										
Habit not Known	90	73	120	367	859	1398	923	1785	6	5621
Only Smoking	0	0	1	1	51	141	80	97	2	373
Only Chewing Tobacco	0	0	0	0	3	12	12	27	0	54
Smoking and Chewing Tobacco	0	0	0	0	3	6	8	6	0	23
Only Chewing Arecanut	0	0	0	0	1	2	1	3	0	7
Smoking and Chewing Arecanut	0	0	0	0	0	0	1	0	0	1
Chewing Tobacco and Arecanut	0	0	0	3	1	0	1	1	0	6
Smoking, Chewing Tobacco and Arecanut	0	0	0	1	0	2	0	0	0	3
Only Drinking Alcohol	0	0	0	4	6	19	7	10	0	46
Smoking and Drinking Alcohol	0	0	2	6	57	132	77	62	0	336
Chewing Tobacco and Drinking Alcohol	0	0	0	0	3	6	2	6	0	17
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	4	14	7	13	0	38
Chewing Arecanut and Drinking Alcohol	0	0	1	0	3	0	0	1	0	5
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	1	1	0	3
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	2	0	0	0	0	2
All Habits	0	0	0	1	0	3	1	1	0	6
All Total	90	73	124	383	994	1735	1121	2013	8	6541
DIABETES										
MALE										
Habit not Known	0	1	3	14	56	105	78	198	1	456
Only Smoking	0	0	0	1	1	3	5	6	0	16
Only Chewing Tobacco	0	0	0	0	0	1	0	2	0	3
Smoking and Chewing	0	0	0	0	0	0	0	2	0	2

Tobacco										
Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	1	0	3	4	3	1	0	12
Smoking and Drinking Alcohol	0	0	0	0	1	9	2	9	0	21
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	1	0	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Male Total	0	1	4	15	63	124	88	219	1	515
FEMALE										
Habit not Known	0	0	1	11	57	116	96	263	0	544
Only Chewing Tobacco	0	0	0	0	0	0	1	4	0	5
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Female Total	0	0	1	11	57	116	97	268	0	550
ALL										
Habit not Known	0	1	4	25	113	221	174	461	1	1000
Only Smoking	0	0	0	1	1	3	5	6	0	16
Only Chewing Tobacco	0	0	0	0	0	1	1	6	0	8
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	3	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	1	0	3	4	3	1	0	12
Smoking and Drinking Alcohol	0	0	0	0	1	9	2	9	0	21
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	1	0	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
All Total	0	1	5	26	120	240	185	487	1	1065
HEART ATTACK/HEART DISEASES										
MALE										
Habit not Known	163	86	160	460	1484	2988	2089	6716	10	14156
Only Smoking	0	0	1	15	93	273	147	351	0	880
Only Chewing Tobacco	0	1	0	2	3	22	6	40	0	74
Smoking and Chewing Tobacco	0	0	1	1	5	11	8	29	0	55
Only Chewing Arecanut	0	0	1	0	1	1	1	10	0	14
Smoking and Chewing Arecanut	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	0	2	1	0	2	0	5

Smoking, Chewing Tobacco and Arecanut	0	0	0	0	3	1	0	1	0	5
Only Drinking Alcohol	0	0	5	16	37	68	29	46	0	201
Smoking and Drinking Alcohol	0	0	4	25	118	190	84	134	0	555
Chewing Tobacco and Drinking Alcohol	0	0	1	2	5	12	1	11	0	32
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	2	13	14	9	20	0	59
Chewing Arecanut and Drinking Alcohol	0	1	2	2	3	2	0	4	0	14
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	1	1	1	1	1	0	5
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	3	4	0	2	0	10
All Habits	0	1	0	2	6	5	3	5	0	22
Male Total	163	89	176	529	1778	3593	2378	7372	10	16088
FEMALE										
Habit not Known	137	45	97	217	686	1592	1363	6602	8	10747
Only Smoking	0	0	0	0	0	1	1	4	0	6
Only Chewing Tobacco	0	0	0	1	2	6	9	87	0	105
Smoking and Chewing Tobacco	0	0	0	0	1	0	0	0	0	1
Only Chewing Arecanut	0	0	0	0	0	0	1	5	0	6
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	2	3	0	5
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Female Total	137	45	97	218	689	1600	1376	6702	8	10872
ALL										
Habit not Known	300	131	257	677	2170	4580	3452	13318	18	24903
Only Smoking	0	0	1	15	93	274	148	355	0	886
Only Chewing Tobacco	0	1	0	3	5	28	15	127	0	179
Smoking and Chewing Tobacco	0	0	1	1	6	11	8	29	0	56
Only Chewing Arecanut	0	0	1	0	1	1	2	15	0	20
Smoking and Chewing Arecanut	0	0	0	0	1	0	0	1	0	2
Chewing Tobacco and Arecanut	0	0	0	0	2	1	2	5	0	10
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	3	1	0	1	0	5
Only Drinking Alcohol	0	0	5	16	37	68	29	46	0	201
Smoking and Drinking Alcohol	0	0	4	25	118	190	84	134	0	555
Chewing Tobacco and Drinking Alcohol	0	0	1	2	5	12	1	11	0	32

Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	2	13	14	9	20	0	59
Chewing Arecanut and Drinking Alcohol	0	1	2	2	3	2	0	4	0	14
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	1	1	2	1	1	0	6
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	3	4	0	2	0	10
All Habits	0	1	0	2	6	5	3	5	0	22
All Total	300	134	273	747	2467	5193	3754	14074	18	26960

PNEUMONIA

MALE

Habit not Known	14	10	16	26	39	93	108	342	3	651
Only Smoking	0	0	1	1	3	6	8	18	0	37
Only Chewing Tobacco	0	0	0	0	1	1	0	2	0	4
Smoking and Chewing Tobacco	0	0	0	0	0	1	0	1	0	2
Only Chewing Arecanut	0	0	0	0	0	1	0	0	0	1
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	2	2	2	4	1	2	0	13
Smoking and Drinking Alcohol	0	0	2	2	7	10	5	10	0	36
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	1	2	0	4
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	0	1	0	0	0	0	0	1
Male Total	14	10	21	33	52	118	123	379	3	753

FEMALE

Habit not Known	12	4	4	18	36	71	64	337	1	547
Only Smoking	0	0	0	0	1	0	1	2	0	4
Only Chewing Tobacco	0	0	0	0	0	0	1	2	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	0	0	0	2	0	2
Smoking and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Female Total	12	4	4	18	37	71	66	345	1	558

ALL

Habit not Known	26	14	20	44	75	164	172	679	4	1198
Only Smoking	0	0	1	1	4	6	9	20	0	41
Only Chewing Tobacco	0	0	0	0	1	1	1	4	0	7

Smoking and Chewing Tobacco	0	0	0	0	0	1	0	1	0	2
Only Chewing Areca nut	0	0	0	0	0	1	0	0	0	1
Smoking and Chewing Areca nut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	1	0	2
Only Drinking Alcohol	0	0	2	2	2	4	1	4	0	15
Smoking and Drinking Alcohol	0	0	2	2	7	10	5	11	0	37
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	1	2	0	4
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	0	1	0	0	0	0	0	1
All Total	26	14	25	51	89	189	189	724	4	1311

ASTHMA

MALE										
Habit not Known	31	28	57	107	297	714	546	2075	7	3862
Only Smoking	0	0	2	4	28	70	58	148	2	312
Only Chewing Tobacco	0	0	1	0	0	5	5	15	0	26
Smoking and Chewing Tobacco	0	0	0	0	4	3	4	11	0	22
Only Chewing Areca nut	0	0	0	0	0	0	2	2	0	4
Chewing Tobacco and Areca nut	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	1	0	0	1	0	2
Only Drinking Alcohol	0	0	0	5	7	6	6	17	0	41
Smoking and Drinking Alcohol	0	0	1	4	21	48	22	47	0	143
Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	0	1	1	0	4
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	2	4	3	10	0	19
Chewing Areca nut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	1	1	0	2	1	0	5
Drinking, Chewing Tobacco and Areca nut	0	0	1	0	1	0	0	1	0	3
All Habits	0	0	0	0	2	1	3	2	0	8
Male Total	31	28	62	123	365	851	652	2332	9	4453

FEMALE										
Habit not Known	27	16	35	82	188	444	369	2313	1	3475
Only Smoking	0	0	0	0	1	0	1	3	0	5
Only Chewing Tobacco	0	0	0	1	1	5	2	21	0	30
Only Chewing Areca nut	0	0	0	0	0	0	0	2	0	2
Chewing Tobacco and Areca nut	0	0	0	0	0	0	1	1	0	2
Smoking and Drinking Alcohol	0	0	0	0	1	1	0	0	0	2
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Female Total	27	16	35	83	191	450	373	2341	1	3517
ALL										
Habit not Known	58	44	92	189	485	1158	915	4388	8	7337
Only Smoking	0	0	2	4	29	70	59	151	2	317
Only Chewing Tobacco	0	0	1	1	1	10	7	36	0	56
Smoking and Chewing Tobacco	0	0	0	0	4	3	4	11	0	22
Only Chewing Areca nut	0	0	0	0	0	0	2	4	0	6
Chewing Tobacco and Areca nut	0	0	0	0	0	0	1	2	0	3
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	1	0	0	1	0	2
Only Drinking Alcohol	0	0	0	5	7	6	6	17	0	41
Smoking and Drinking Alcohol	0	0	1	4	22	49	22	47	0	145
Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	0	1	2	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	2	4	3	10	0	19
Chewing Areca nut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	1	1	0	2	1	0	5
Drinking, Chewing Tobacco and Areca nut	0	0	1	0	1	0	0	1	0	3
All Habits	0	0	0	0	2	1	3	2	0	8
All Total	58	44	97	206	556	1301	1025	4673	10	7970
JAUNDIS										
MALE										
Habit not Known	1	1	3	9	13	17	10	32	0	86
Only Smoking	0	0	0	0	0	0	1	0	0	1
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Areca nut	0	0	0	0	0	0	1	0	0	1

Only Drinking Alcohol	0	0	0	2	0	0	0	0	0	2
Smoking and Drinking Alcohol	0	0	0	1	1	1	0	0	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
All Habits	0	1	1	0	0	1	0	0	0	3
Male Total	1	2	4	13	14	19	12	34	0	99
FEMALE										
Habit not Known	0	0	0	1	14	17	4	22	0	58
Only Smoking	0	0	0	0	0	2	2	2	0	6
Only Drinking Alcohol	0	0	0	0	1	2	0	0	0	3
Smoking and Drinking Alcohol	0	0	0	0	1	1	0	0	0	2
Female Total	0	0	0	1	16	22	6	24	0	69
ALL										
Habit not Known	1	1	3	10	27	34	14	54	0	144
Only Smoking	0	0	0	0	0	2	3	2	0	7
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Arecanut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	0	2	1	2	0	0	0	5
Smoking and Drinking Alcohol	0	0	0	1	2	2	0	0	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
All Habits	0	1	1	0	0	1	0	0	0	3
All Total	1	2	4	14	30	41	18	58	0	168
LIVER DISEASE										
MALE										
Habit not Known	8	6	12	53	174	332	184	390	1	1160
Only Smoking	0	0	1	1	12	20	21	32	0	87
Only Chewing Tobacco	0	0	0	1	1	2	0	6	0	10
Smoking and Chewing Tobacco	0	0	0	0	1	0	0	0	0	1
Only Chewing Arecanut	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	0	0	1

Only Drinking Alcohol	0	0	1	14	34	36	10	19	0	114
Smoking and Drinking Alcohol	0	0	2	8	31	46	25	43	0	155
Chewing Tobacco and Drinking Alcohol	0	0	0	0	2	0	0	1	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	2	4	2	0	2	0	10
Chewing Arecanut and Drinking Alcohol	0	0	0	1	2	0	0	0	0	3
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	2	0	0	0	0	3
All Habits	0	0	1	4	3	0	0	1	0	9
Male Total	8	6	19	85	266	439	240	495	1	1559
FEMALE										
Habit not Known	3	7	11	23	56	131	113	353	0	697
Only Smoking	0	0	0	0	0	0	0	1	0	1
Only Chewing Tobacco	0	0	0	0	0	3	3	10	0	16
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Arecanut	0	0	0	0	0	0	1	2	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	2	0	2
Smoking and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Female Total	3	7	11	24	56	135	117	369	0	722
ALL										
Habit not Known	11	13	23	76	230	463	297	743	1	1857
Only Smoking	0	0	1	1	12	20	21	33	0	88
Only Chewing Tobacco	0	0	0	1	1	5	3	16	0	26
Smoking and Chewing Tobacco	0	0	0	0	1	0	0	1	0	2
Only Chewing Arecanut	0	0	0	0	0	1	1	3	0	5
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	2	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	0	0	1
Only Drinking Alcohol	0	0	1	14	34	36	10	19	0	114
Smoking and Drinking Alcohol	0	0	2	9	31	46	25	43	0	156
Chewing Tobacco and Drinking Alcohol	0	0	0	0	2	1	0	1	0	4
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	2	4	2	0	2	0	10

Chewing Areca nut and Drinking Alcohol	0	0	0	1	2	0	0	0	0	3
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	1	0	2	0	0	0	0	3
All Habits	0	0	1	4	3	0	0	1	0	9
All Total	11	13	30	109	322	574	357	864	1	2281
ULCER										
MALE										
Habit not Known	0	1	0	3	18	20	11	37	0	90
Only Smoking	0	0	0	0	0	1	1	2	0	4
Only Chewing Tobacco	0	0	0	0	0	1	0	0	0	1
Smoking and Drinking Alcohol	0	0	0	0	1	1	1	0	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Male Total	0	1	0	3	19	23	13	41	0	100
FEMALE										
Habit not Known	0	0	1	3	12	12	9	23	0	60
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Female Total	0	0	1	3	12	12	9	24	0	61
ALL										
Habit not Known	0	1	1	6	30	32	20	60	0	150
Only Smoking	0	0	0	0	0	1	1	2	0	4
Only Chewing Tobacco	0	0	0	0	0	1	0	1	0	2
Smoking and Drinking Alcohol	0	0	0	0	1	1	1	0	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
All Total	0	1	1	6	31	35	22	65	0	161
PARALYSIS										
MALE										
Habit not Known	2	2	5	26	75	134	110	383	0	737
Only Smoking	0	0	0	0	4	9	11	16	0	40
Only Chewing Tobacco	0	0	0	0	0	1	1	2	0	4

Smoking and Chewing Tobacco	0	0	0	0	0	1	0	3	0	4
Smoking and Chewing Areca nut	0	0	0	0	0	0	1	0	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	1	2	3	1	2	4	0	13
Smoking and Drinking Alcohol	0	0	0	1	5	6	6	4	0	22
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	1	1	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	1	1	0	0	0	3
Drinking, Chewing Tobacco and Areca nut	0	0	0	1	0	2	0	0	0	3
Male Total	2	2	7	30	88	156	132	413	0	830
FEMALE										
Habit not Known	0	2	4	20	47	110	86	505	0	774
Only Smoking	0	0	0	0	0	0	0	1	0	1
Only Chewing Tobacco	0	0	0	0	0	1	0	7	0	8
Only Chewing Areca nut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Female Total	0	2	4	20	47	112	86	514	0	785
ALL										
Habit not Known	2	4	9	46	122	244	196	888	0	1511
Only Smoking	0	0	0	0	4	9	11	17	0	41
Only Chewing Tobacco	0	0	0	0	0	2	1	9	0	12
Smoking and Chewing Tobacco	0	0	0	0	0	1	0	3	0	4
Only Chewing Areca nut	0	0	0	0	0	1	0	0	0	1
Smoking and Chewing Areca nut	0	0	0	0	0	0	1	0	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	1	2	3	1	2	5	0	14
Smoking and Drinking Alcohol	0	0	0	1	5	6	6	4	0	22
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	1	1	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	1	1	0	0	0	3
Drinking, Chewing Tobacco and Areca nut	0	0	0	1	0	2	0	0	0	3
All Total	2	4	11	50	135	268	218	927	0	1615

ACCIDENT (TRAFFIC/VEHICLES)										
MALE										
Habit not Known	12	184	140	126	142	111	53	90	3	861
Only Smoking	0	0	1	4	0	7	1	3	0	16
Only Chewing Areca nut	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Areca nut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	1	3	3	5	4	0	1	0	17
Smoking and Drinking Alcohol	0	0	3	4	4	4	0	2	0	17
Chewing Tobacco and Drinking Alcohol	0	1	1	0	0	0	0	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	1	0	0	0	0	0	0	1
All Habits	0	0	1	0	0	0	0	0	0	1
Male Total	12	186	150	139	151	127	54	96	3	918
FEMALE										
Habit not Known	12	10	14	23	33	26	12	27	0	157
Female Total	12	10	14	23	33	26	12	27	0	157
ALL										
Habit not Known	24	194	154	149	175	137	65	117	3	1018
Only Smoking	0	0	1	4	0	7	1	3	0	16
Only Chewing Areca nut	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Areca nut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	1	3	3	5	4	0	1	0	17
Smoking and Drinking Alcohol	0	0	3	4	4	4	0	2	0	17
Chewing Tobacco and Drinking Alcohol	0	1	1	0	0	0	0	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	1	0	0	0	0	0	0	1
All Habits	0	0	1	0	0	0	0	0	0	1
All Total	24	196	164	162	184	153	66	123	3	1075
SUICIDE										
MALE										
Habit not Known	2	62	101	100	137	98	45	54	2	601

Only Smoking	0	2	1	7	9	8	2	0	0	29
Only Chewing Tobacco	0	0	1	0	0	0	0	1	0	2
Only Chewing Arecanut	0	1	1	0	0	0	0	0	0	2
Only Drinking Alcohol	0	2	9	23	18	12	2	3	0	69
Smoking and Drinking Alcohol	0	0	5	12	11	12	6	3	0	49
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	3	2	0	0	0	0	5
Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
All Habits	0	1	2	0	0	1	0	0	0	4
Male Total	2	68	120	147	177	133	55	61	2	765
FEMALE										
Habit not Known	2	55	33	24	24	23	14	30	0	205
Only Chewing Tobacco	0	0	1	0	0	0	0	0	0	1
All Habits	0	0	0	1	0	0	0	0	0	1
Female Total	2	55	34	25	24	23	14	30	0	207
ALL										
Habit not Known	4	117	134	124	161	121	59	84	2	806
Only Smoking	0	2	1	7	9	8	2	0	0	29
Only Chewing Tobacco	0	0	2	0	0	0	0	1	0	3
Only Chewing Arecanut	0	1	1	0	0	0	0	0	0	2
Only Drinking Alcohol	0	2	9	23	18	12	2	3	0	69
Smoking and Drinking Alcohol	0	0	5	12	11	12	6	3	0	49
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	3	2	0	0	0	0	5
Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
All Habits	0	1	2	1	0	1	0	0	0	5
All Total	4	123	154	172	201	156	69	91	2	972

BLOOD PRESSURE										
MALE										
Habit not Known	2	4	9	16	39	90	64	212	1	437
Only Smoking	0	0	0	3	3	5	2	14	0	27
Only Drinking Alcohol	0	0	0	0	4	3	2	2	0	11
Smoking and Drinking Alcohol	0	0	1	0	0	6	4	5	0	16
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	1	0	0	0	0	1
All Habits	0	0	0	0	1	0	0	0	0	1
Male Total	2	4	10	19	48	107	72	233	1	496
FEMALE										
Habit not Known	2	3	3	8	27	65	54	295	0	457
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Smoking and Drinking Alcohol	0	0	1	0	0	0	0	0	0	1
Female Total	2	3	4	8	27	65	54	296	0	459
ALL										
Habit not Known	4	7	12	24	66	155	118	507	1	894
Only Smoking	0	0	0	3	3	5	2	14	0	27
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	4	3	2	2	0	11
Smoking and Drinking Alcohol	0	0	2	0	0	6	4	5	0	17
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	1	0	0	0	0	1
All Habits	0	0	0	0	1	0	0	0	0	1
All Total	4	7	14	27	75	172	126	529	1	955

TABLE - D21

Deaths by Selected Cause of Death, Age, Sex and Habit (All Area)

Selected Cause of Death/Sex/Habit	Age Group									
	Below 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Above	Not Stated	Total
TUBERCULOSIS										
MALE										
Habit not Known	0	2	4	12	49	59	27	71	0	224
Only Smoking	0	0	0	1	4	10	9	15	0	39
Only Chewing Tobacco	0	0	0	0	1	1	2	3	0	7
Smoking and Chewing Tobacco	0	0	0	1	1	2	1	2	0	7
Only Chewing Areca nut	0	0	0	0	1	0	0	0	0	1
Smoking and Chewing Areca nut	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Areca nut	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	1	5	2	4	2	2	0	16
Smoking and Drinking Alcohol	0	0	1	4	17	16	12	14	0	64
Chewing Tobacco and Drinking Alcohol	0	0	0	2	0	1	0	0	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	2	2	3	4	0	12
Chewing Areca nut and Drinking Alcohol	0	0	1	0	0	0	1	0	0	2
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	0	1	1	0	0	0	0	2
Male Total	0	2	7	28	80	97	57	111	0	382
FEMALE										
Habit not Known	1	2	6	10	18	19	11	32	0	99
Only Chewing Tobacco	0	0	0	0	0	0	1	0	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	0	1	0	0	1

Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Female Total	1	2	6	10	18	20	13	32	0	102
ALL										
Habit not Known	1	4	10	22	67	78	38	103	0	323
Only Smoking	0	0	0	1	4	10	9	15	0	39
Only Chewing Tobacco	0	0	0	0	1	1	3	3	0	8
Smoking and Chewing Tobacco	0	0	0	1	1	2	1	2	0	7
Only Chewing Areca nut	0	0	0	0	1	0	0	0	0	1
Smoking and Chewing Areca nut	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Areca nut	0	0	0	1	0	0	1	0	0	2
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	1	5	2	4	2	2	0	16
Smoking and Drinking Alcohol	0	0	1	4	17	16	12	14	0	64
Chewing Tobacco and Drinking Alcohol	0	0	0	2	0	1	0	0	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	2	3	3	4	0	13
Chewing Areca nut and Drinking Alcohol	0	0	1	0	0	0	1	0	0	2
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	0	1	1	0	0	0	0	2
All Total	1	4	13	38	98	117	70	143	0	484

WHOOPING COUGH

MALE										
Habit not Known	0	0	0	0	0	0	0	3	0	3
Smoking and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Male Total	0	0	0	0	0	0	1	3	0	4
FEMALE										
Habit not Known	0	0	0	0	0	0	0	1	0	1
Female Total	0	1	0	1						
ALL										
Habit not Known	0	0	0	0	0	0	0	4	0	4
Smoking and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
All Total	0	0	0	0	0	0	1	4	0	5

CANCER										
MALE										
Habit not Known	71	82	120	295	894	2205	1660	3453	8	8788
Only Smoking	0	0	1	17	131	396	264	432	2	1243
Only Chewing Tobacco	0	0	1	0	9	22	19	61	0	112
Smoking and Chewing Tobacco	0	0	0	1	5	27	17	33	0	83
Only Chewing Arecanut	0	0	1	3	1	3	2	7	0	17
Smoking and Chewing Arecanut	0	0	0	1	0	0	2	0	0	3
Chewing Tobacco and Arecanut	0	0	0	3	1	3	2	7	0	16
Smoking, Chewing Tobacco and Arecanut	0	0	0	1	0	4	2	4	0	11
Only Drinking Alcohol	0	0	1	7	20	50	29	46	0	153
Smoking and Drinking Alcohol	0	0	3	17	123	335	205	204	0	887
Chewing Tobacco and Drinking Alcohol	0	0	0	0	8	18	4	17	0	47
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	2	17	36	28	53	0	136
Chewing Arecanut and Drinking Alcohol	0	0	2	0	2	1	1	2	0	8
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	3	3	2	2	0	10
Drinking, Chewing Tobacco and Arecanut	0	0	1	2	3	3	0	6	0	15
All Habits	0	0	0	3	3	10	4	5	0	25
Male Total	71	82	130	352	1220	3116	2241	4332	10	11554
FEMALE										
Habit not Known	67	46	139	490	1274	1890	1085	2748	8	7747
Only Smoking	0	0	0	0	0	1	3	4	0	8
Only Chewing Tobacco	0	0	0	5	12	26	26	85	0	154
Only Chewing Arecanut	0	0	0	0	2	2	1	5	0	10
Chewing Tobacco and Arecanut	0	0	0	1	1	3	6	5	0	16
Only Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	2	0	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1

Chewing Areacanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Female Total	67	46	139	496	1292	1922	1123	2848	8	7941
ALL										
Habit not Known	138	128	259	785	2168	4095	2745	6201	16	16535
Only Smoking	0	0	1	17	131	397	267	436	2	1251
Only Chewing Tobacco	0	0	1	5	21	48	45	146	0	266
Smoking and Chewing Tobacco	0	0	0	1	5	27	17	33	0	83
Only Chewing Areacanut	0	0	1	3	3	5	3	12	0	27
Smoking and Chewing Areacanut	0	0	0	1	0	0	2	0	0	3
Chewing Tobacco and Areacanut	0	0	0	4	2	6	8	12	0	32
Smoking, Chewing Tobaccoa and Areacanut	0	0	0	1	0	4	2	4	0	11
Only Drinking Alcohol	0	0	1	7	21	50	29	46	0	154
Smoking and Drinking Alcohol	0	0	3	17	123	335	205	204	0	887
Chewing Tobacco and Drinking Alcohol	0	0	0	0	9	18	6	17	0	50
Smoking, Chewing Tobaccoa and Drinking Alcohol	0	0	0	2	17	36	28	54	0	137
Chewing Areacanut and Drinking Alcohol	0	0	2	0	3	1	1	2	0	9
Smoking, Chewing Areacanut and Drinking Alcohol	0	0	0	0	3	3	2	2	0	10
Drinking, Chewing Tobacco and Areacanut	0	0	1	2	3	3	0	6	0	15
All Habits	0	0	0	3	3	10	4	5	0	25
All Total	138	128	269	848	2512	5038	3364	7180	18	19495
DIABETES										
MALE										
Habit not Known	2	3	8	38	118	278	223	718	2	1390
Only Smoking	0	0	0	2	8	16	14	33	0	73
Only Chewing Tobacco	0	0	0	0	1	2	3	4	0	10
Smoking and Chewing Tobacco	0	0	0	0	1	0	1	7	0	9
Smoking and Chewing Areacanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Areacanut	0	0	0	0	0	2	0	1	0	3

Only Drinking Alcohol	0	0	1	1	8	10	7	7	0	34
Smoking and Drinking Alcohol	0	0	0	0	7	20	8	20	0	55
Chewing Tobacco and Drinking Alcohol	0	0	0	0	2	1	0	2	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	2	0	2	0	5
Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	0	0	1	0	1
All Habits	0	0	0	1	0	0	1	0	0	2
Male Total	2	3	9	42	146	332	257	798	2	1591
FEMALE										
Habit not Known	0	2	8	23	139	319	277	1117	2	1887
Only Chewing Tobacco	0	0	0	0	0	4	7	15	0	26
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	1	0	2
Only Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Female Total	0	2	8	23	139	324	284	1135	2	1917
ALL										
Habit not Known	2	5	16	61	257	597	500	1835	4	3277
Only Smoking	0	0	0	2	8	16	14	33	0	73
Only Chewing Tobacco	0	0	0	0	1	6	10	19	0	36
Smoking and Chewing Tobacco	0	0	0	0	1	0	1	8	0	10
Smoking and Chewing Areca nut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	3	0	2	0	5
Only Drinking Alcohol	0	0	1	1	8	10	7	8	0	35
Smoking and Drinking Alcohol	0	0	0	0	7	20	8	20	0	55
Chewing Tobacco and Drinking Alcohol	0	0	0	0	2	1	0	2	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	2	0	2	0	5
Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2

Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	0	0	1	0	1
All Habits	0	0	0	1	0	0	1	0	0	2
All Total	2	5	17	65	285	656	541	1933	4	3508

HEART ATTACK / HEART DISEASES

MALE										
Habit not Known	303	181	413	1225	3758	7696	5370	16508	36	35490
Only Smoking	0	1	8	59	326	786	482	900	2	2564
Only Chewing Tobacco	0	1	0	4	19	53	26	152	0	255
Smoking and Chewing Tobacco	0	0	1	6	14	36	20	75	0	152
Only Chewing Areca nut	0	0	1	0	3	6	4	19	0	33
Smoking and Chewing Areca nut	0	0	0	0	2	4	0	0	0	6
Chewing Tobacco and Areca nut	0	0	1	2	3	2	4	8	0	20
Smoking, Chewing Tobacco and Areca nut	0	0	0	1	6	3	3	9	0	22
Only Drinking Alcohol	0	1	15	46	126	168	73	125	0	554
Smoking and Drinking Alcohol	0	0	19	75	355	525	256	374	0	1604
Chewing Tobacco and Drinking Alcohol	0	0	3	5	13	33	14	39	0	107
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	4	7	33	56	34	70	0	204
Chewing Areca nut and Drinking Alcohol	0	1	2	5	7	6	2	7	0	30
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	3	4	4	1	3	0	15
Drinking, Chewing Tobacco and Areca nut	0	0	1	4	7	7	1	6	0	26
All Habits	0	2	1	6	17	14	7	20	0	67
Male Total	303	187	469	1448	4693	9399	6297	18315	38	41149
FEMALE										
Habit not Known	259	99	206	553	1749	3983	3380	16849	22	27100
Only Smoking	0	0	0	0	1	1	3	8	0	13
Only Chewing Tobacco	0	0	0	2	12	28	26	222	0	290
Smoking and Chewing Tobacco	0	0	0	0	1	1	0	3	0	5

Only Chewing Areca nut	0	0	1	0	0	6	2	24	0	33
Smoking and Chewing Areca nut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Areca nut	0	0	0	0	1	1	8	16	0	26
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Smoking and Drinking Alcohol	0	0	1	0	1	0	0	0	0	2
Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	1	0	0	0	0	1
Female Total	259	99	208	555	1766	4022	3420	17124	22	27475
ALL										
Habit not Known	562	280	619	1778	5507	11679	8750	33357	58	62590
Only Smoking	0	1	8	59	327	787	485	908	2	2577
Only Chewing Tobacco	0	1	0	6	31	81	52	374	0	545
Smoking and Chewing Tobacco	0	0	1	6	15	37	20	78	0	157
Only Chewing Areca nut	0	0	2	0	3	12	6	43	0	66
Smoking and Chewing Areca nut	0	0	0	0	2	4	0	1	0	7
Chewing Tobacco and Areca nut	0	0	1	2	4	3	12	24	0	46
Smoking, Chewing Tobacco and Areca nut	0	0	0	1	6	3	3	10	0	23
Only Drinking Alcohol	0	1	15	46	126	169	73	125	0	555
Smoking and Drinking Alcohol	0	0	20	75	356	525	256	374	0	1606
Chewing Tobacco and Drinking Alcohol	0	0	3	5	13	33	14	39	0	107
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	4	7	33	56	34	70	0	204
Chewing Areca nut and Drinking Alcohol	0	1	2	5	7	6	3	7	0	31
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	3	4	5	1	3	0	16
Drinking, Chewing Tobacco and Areca nut	0	0	1	4	8	7	1	6	0	27
All Habits	0	2	1	6	17	14	7	20	0	67
All Total	562	286	677	2003	6459	13421	9717	35439	60	68624

PNEUMONIA										
MALE										
Habit not Known	26	18	24	44	61	131	141	512	4	961
Only Smoking	0	0	2	1	6	11	10	40	0	70
Only Chewing Tobacco	0	0	0	0	1	1	0	4	0	6
Smoking and Chewing Tobacco	0	0	0	0	0	3	0	2	0	5
Only Chewing Areca nut	0	0	0	0	0	1	0	2	0	3
Smoking and Chewing Areca nut	0	0	0	0	1	0	0	1	0	2
Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	2	5	6	4	2	2	0	21
Smoking and Drinking Alcohol	0	0	2	4	11	16	8	15	0	56
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	1	4	0	6
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	0	1	0	0	0	0	0	1
Male Total	26	18	30	56	86	169	162	583	4	1134
FEMALE										
Habit not Known	26	12	10	37	50	111	89	545	2	882
Only Smoking	0	0	0	0	1	0	1	3	0	5
Only Chewing Tobacco	0	0	0	0	0	1	2	5	0	8
Only Chewing Areca nut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Areca nut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	0	0	0	2	0	2
Smoking and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Female Total	26	12	10	37	51	112	92	558	2	900
ALL										
Habit not Known	52	30	34	81	111	242	230	1057	6	1843
Only Smoking	0	0	2	1	7	11	11	43	0	75
Only Chewing Tobacco	0	0	0	0	1	2	2	9	0	14
Smoking and Chewing Tobacco	0	0	0	0	0	3	0	2	0	5
Only Chewing Areca nut	0	0	0	0	0	1	0	3	0	4
Smoking and Chewing Areca nut	0	0	0	0	1	0	0	1	0	2
Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	1	0	2
Only Drinking Alcohol	0	0	2	5	6	4	2	4	0	23

Smoking and Drinking Alcohol	0	0	2	4	11	16	8	16	0	57
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	1	4	0	6
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	0	1	0	0	0	0	0	1
All Total	52	30	40	93	137	281	254	1141	6	2034

ASTHMA

MALE

Habit not Known	77	49	95	187	592	1742	1582	8762	24	13110
Only Smoking	0	0	3	13	67	203	214	596	2	1098
Only Chewing Tobacco	0	0	1	3	3	19	19	87	0	132
Smoking and Chewing Tobacco	0	0	0	0	5	15	9	43	0	72
Only Chewing Areca nut	0	0	0	2	0	1	2	9	0	14
Smoking and Chewing Areca nut	0	0	0	0	0	3	0	0	0	3
Chewing Tobacco and Areca nut	0	0	0	0	0	0	1	5	0	6
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	1	1	1	6	0	9
Only Drinking Alcohol	0	0	0	9	18	23	23	61	0	134
Smoking and Drinking Alcohol	0	0	2	11	57	127	93	194	0	484
Chewing Tobacco and Drinking Alcohol	0	0	0	2	5	3	3	10	0	23
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	7	12	13	40	0	72
Chewing Areca nut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	1	1	0	2	3	0	7
Drinking, Chewing Tobacco and Areca nut	0	0	1	0	1	2	1	2	0	7
All Habits	0	0	0	1	5	5	5	12	0	28
Male Total	77	49	102	230	762	2156	1968	9830	26	15200

FEMALE

Habit not Known	69	30	62	155	414	1093	1058	11420	13	14314
Only Smoking	0	0	0	0	1	0	1	9	0	11
Only Chewing Tobacco	0	0	0	2	2	10	12	137	0	163
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Areca nut	0	0	0	0	0	0	1	10	0	11
Smoking and Chewing Areca nut	0	0	0	0	0	1	0	0	0	1

Chewing Tobacco and Arecanut	0	0	0	0	0	0	2	11	0	13
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Smoking and Drinking Alcohol	0	0	0	0	1	1	0	0	0	2
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Female Total	69	30	62	157	418	1107	1074	11590	13	14520
SEX NOT REPORTED										
Habit not Known	0	0	0	0	0	0	0	1	0	1
Sex not Reported Total	0	0	0	0	0	0	0	1	0	1
ALL										
Habit not Known	146	79	157	342	1006	2835	2640	20183	37	27425
Only Smoking	0	0	3	13	68	203	215	605	2	1109
Only Chewing Tobacco	0	0	1	5	5	29	31	224	0	295
Smoking and Chewing Tobacco	0	0	0	0	5	15	9	44	0	73
Only Chewing Arecanut	0	0	0	2	0	1	3	19	0	25
Smoking and Chewing Arecanut	0	0	0	0	0	4	0	0	0	4
Chewing Tobacco and Arecanut	0	0	0	0	0	0	3	16	0	19
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	2	1	6	0	10
Only Drinking Alcohol	0	0	0	9	18	24	23	61	0	135
Smoking and Drinking Alcohol	0	0	2	11	58	128	93	194	0	486
Chewing Tobacco and Drinking Alcohol	0	0	0	2	5	3	3	11	0	24
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	7	12	13	40	0	72
Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	1	1	0	2	3	0	7
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	1	2	1	3	0	8
All Habits	0	0	0	1	5	5	5	12	0	28
All Total	146	79	164	387	1180	3263	3042	21421	39	29721
JAUNDIS										
MALE										
Habit not Known	13	10	13	33	39	50	23	72	0	253
Only Smoking	0	0	0	1	0	7	3	1	0	12
Only Chewing Tobacco	0	0	0	0	0	0	1	1	0	2

Smoking and Chewing Tobacco	0	0	0	1	0	0	0	0	0	1
Only Chewing Areca nut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	2	4	4	1	0	1	0	12
Smoking and Drinking Alcohol	0	0	1	6	2	3	1	1	0	14
Chewing Tobacco and Drinking Alcohol	0	0	1	0	1	1	1	0	0	4
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	0	1	0	3
Chewing Areca nut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
All Habits	0	1	1	0	0	1	0	0	0	3
Male Total	13	11	18	47	46	65	30	77	0	307
FEMALE										
Habit not Known	7	0	4	7	21	34	14	57	0	144
Only Smoking	0	0	0	0	0	2	2	3	0	7
Only Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Chewing Areca nut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	1	2	0	0	0	3
Smoking and Drinking Alcohol	0	0	0	0	1	1	0	0	0	2
Female Total	7	0	4	7	23	39	16	63	0	159
ALL										
Habit not Known	20	10	17	40	60	84	37	129	0	397
Only Smoking	0	0	0	1	0	9	5	4	0	19
Only Chewing Tobacco	0	0	0	0	0	0	1	3	0	4
Smoking and Chewing Tobacco	0	0	0	1	0	0	0	0	0	1
Only Chewing Areca nut	0	0	0	0	0	0	1	1	0	2
Only Drinking Alcohol	0	0	2	4	5	3	0	1	0	15
Smoking and Drinking Alcohol	0	0	1	6	3	4	1	1	0	16
Chewing Tobacco and Drinking Alcohol	0	0	1	0	1	1	1	0	0	4
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	0	1	0	3
Chewing Areca nut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1

All Habits	0	1	1	0	0	1	0	0	0	3
All Total	20	11	22	54	69	104	46	140	0	466
LIVER DISEASE										
MALE										
Habit not Known	12	10	26	118	342	608	359	724	1	2200
Only Smoking	0	1	2	5	24	35	34	54	0	155
Only Chewing Tobacco	0	0	0	2	2	3	1	6	0	14
Smoking and Chewing Tobacco	0	0	0	0	1	2	3	2	0	8
Only Chewing Areacanut	0	0	0	0	0	1	0	2	0	3
Smoking and Chewing Areacanut	0	0	0	0	1	0	1	0	0	2
Chewing Tobacco and Areacanut	0	0	0	0	1	0	0	0	0	1
Smoking, Chewing Tobacco and Areacanut	0	0	1	0	0	0	0	0	0	1
Only Drinking Alcohol	0	0	3	28	77	73	15	41	0	237
Smoking and Drinking Alcohol	0	0	3	19	78	94	45	66	0	305
Chewing Tobacco and Drinking Alcohol	0	0	0	3	5	0	2	3	0	13
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	3	9	7	3	6	0	28
Chewing Areacanut and Drinking Alcohol	0	0	0	1	2	2	0	0	0	5
Smoking, Chewing Areacanut and Drinking Alcohol	0	0	1	1	1	1	0	0	0	4
Drinking, Chewing Tobacco and Areacanut	0	0	2	0	2	2	0	0	0	6
All Habits	0	0	1	6	4	0	0	2	0	13
Male Total	12	11	39	186	549	828	463	906	1	2995
FEMALE										
Habit not Known	8	9	18	41	95	246	206	667	1	1291
Only Smoking	0	0	0	0	0	0	0	1	0	1
Only Chewing Tobacco	0	0	0	0	1	4	3	11	0	19
Smoking and Chewing Tobacco	0	0	0	0	0	1	0	1	0	2
Only Chewing Areacanut	0	0	0	0	0	0	1	2	0	3
Chewing Tobacco and Areacanut	0	0	0	0	0	0	0	2	0	2
Smoking and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1

Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	0	1	0	0	0	1
Female Total	8	9	18	42	96	253	210	684	1	1321
ALL										
Habit not Known	20	19	44	159	437	854	565	1391	2	3491
Only Smoking	0	1	2	5	24	35	34	55	0	156
Only Chewing Tobacco	0	0	0	2	3	7	4	17	0	33
Smoking and Chewing Tobacco	0	0	0	0	1	3	3	3	0	10
Only Chewing Areca nut	0	0	0	0	0	1	1	4	0	6
Smoking and Chewing Areca nut	0	0	0	0	1	0	1	0	0	2
Chewing Tobacco and Areca nut	0	0	0	0	1	0	0	2	0	3
Smoking, Chewing Tobacco and Areca nut	0	0	1	0	0	0	0	0	0	1
Only Drinking Alcohol	0	0	3	28	77	73	15	41	0	237
Smoking and Drinking Alcohol	0	0	3	20	78	94	45	66	0	306
Chewing Tobacco and Drinking Alcohol	0	0	0	3	5	1	2	3	0	14
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	3	9	7	3	6	0	28
Chewing Areca nut and Drinking Alcohol	0	0	0	1	2	2	0	0	0	5
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	1	1	1	1	0	0	0	4
Drinking, Chewing Tobacco and Areca nut	0	0	2	0	2	3	0	0	0	7
All Habits	0	0	1	6	4	0	0	2	0	13
All Total	20	20	57	228	645	1081	673	1590	2	4316
ULCER										
MALE										
Habit not Known	0	3	1	7	25	35	24	74	0	169
Only Smoking	0	0	0	0	0	1	2	6	0	9
Only Chewing Tobacco	0	0	0	0	0	1	0	1	0	2
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Drinking Alcohol	0	0	0	1	0	2	0	2	0	5
Smoking and Drinking Alcohol	0	0	0	1	3	2	4	1	0	11
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2

Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	0	0	1
All Habits	0	0	1	0	0	0	0	1	0	2
Male Total	0	3	3	9	28	42	30	89	0	204
FEMALE										
Habit not Known	1	0	4	6	20	24	18	78	0	151
Only Chewing Tobacco	0	0	0	0	0	1	1	2	0	4
Female Total	1	0	4	6	20	25	19	80	0	155
ALL										
Habit not Known	1	3	5	13	45	59	42	152	0	320
Only Smoking	0	0	0	0	0	1	2	6	0	9
Only Chewing Tobacco	0	0	0	0	0	2	1	3	0	6
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Drinking Alcohol	0	0	0	1	0	2	0	2	0	5
Smoking and Drinking Alcohol	0	0	0	1	3	2	4	1	0	11
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	0	0	1
All Habits	0	0	1	0	0	0	0	1	0	2
All Total	1	3	7	15	48	67	49	169	0	359
PARALYSIS										
MALE										
Habit not Known	11	7	13	51	187	442	380	1545	1	2637
Only Smoking	0	0	0	2	16	32	32	69	0	151
Only Chewing Tobacco	0	0	0	0	0	6	5	20	0	31
Smoking and Chewing Tobacco	0	0	0	0	0	1	2	13	0	16
Only Chewing Arecanut	0	0	0	0	0	0	0	3	0	3
Smoking and Chewing Arecanut	0	0	0	0	0	0	1	0	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	1	1	2	0	4
Only Drinking Alcohol	0	0	1	4	5	8	6	16	0	40
Smoking and Drinking Alcohol	0	0	0	3	9	31	15	19	0	77
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	1	2	0	4

Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	2	4	2	6	0	15
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	0	2	1	0	0	4
All Habits	0	0	0	0	0	0	1	1	0	2
MALE Total	11	7	15	61	220	527	447	1697	1	2986
FEMALE										
Habit not Known	3	6	9	42	116	354	347	2151	3	3031
Only Smoking	0	0	0	0	0	0	0	2	0	2
Only Chewing Tobacco	0	0	0	0	0	2	3	42	0	47
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Arecanut	0	0	0	0	0	1	0	0	0	1
Smoking and Chewing Arecanut	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	3	0	4
Only Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Female Total	3	6	9	42	116	359	351	2200	3	3089
ALL										
Habit not Known	14	13	22	93	303	796	727	3696	4	5668
Only Smoking	0	0	0	2	16	32	32	71	0	153
Only Chewing Tobacco	0	0	0	0	0	8	8	62	0	78
Smoking and Chewing Tobacco	0	0	0	0	0	1	2	14	0	17
Only Chewing Arecanut	0	0	0	0	0	1	0	3	0	4
Smoking and Chewing Arecanut	0	0	0	0	0	1	1	0	0	2
Chewing Tobacco and Arecanut	0	0	0	0	0	2	1	5	0	8
Only Drinking Alcohol	0	0	1	4	5	8	6	17	0	41
Smoking and Drinking Alcohol	0	0	0	3	9	31	16	19	0	78
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	1	2	0	4
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	2	4	2	6	0	15
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	0	2	1	0	0	4
All Habits	0	0	0	0	0	0	1	1	0	2
All Total	14	13	24	103	336	886	798	3897	4	6075

ACCIDENT(TRAFFIC/VEHICLES)										
MALE										
Habit not Known	32	456	366	304	323	268	131	220	6	2106
Only Smoking	0	2	4	13	5	15	4	10	0	53
Smoking and Chewing Tobacco	0	0	0	1	1	0	1	0	0	3
Only Chewing Areca nut	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Areca nut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	4	15	13	11	8	0	3	0	54
Smoking and Drinking Alcohol	0	0	8	8	10	15	2	3	0	46
Chewing Tobacco and Drinking Alcohol	0	1	1	1	1	0	1	0	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	3	1	1	1	0	0	7
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	1	0	0	0	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	1	0	0	0	0	0	0	0	1
All Habits	0	0	1	1	1	1	0	0	0	4
Male Total	32	464	397	345	353	309	140	236	6	2282
FEMALE										
Habit not Known	35	28	40	59	100	66	31	73	0	432
Only Smoking	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Female Total	35	28	40	59	101	66	31	74	0	434
ALL										
Habit not Known	67	484	406	363	423	334	162	293	6	2538
Only Smoking	0	2	4	13	5	15	4	11	0	54
Smoking and Chewing Tobacco	0	0	0	1	1	0	1	0	0	3
Only Chewing Areca nut	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Areca nut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	4	15	13	12	8	0	3	0	55
Smoking and Drinking Alcohol	0	0	8	8	10	15	2	3	0	46
Chewing Tobacco and Drinking Alcohol	0	1	1	1	1	0	1	0	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	3	1	1	1	0	0	7
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	1	0	0	0	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	1	0	0	0	0	0	0	0	1

All Habits	0	0	1	1	1	1	0	0	0	4
All Total	67	492	437	404	454	375	171	310	6	2716
SUICIDE										
MALE										
Habit not Known	20	296	443	450	542	490	222	359	12	2834
Only Smoking	0	6	13	24	36	42	15	15	0	151
Only Chewing Tobacco	0	0	3	1	2	3	2	3	0	14
Smoking and Chewing Tobacco	0	0	0	1	0	1	0	4	0	6
Only Chewing Areca nut	0	1	2	2	0	0	0	0	0	5
Chewing Tobacco and Areca nut	0	0	0	0	1	0	1	0	0	2
Smoking, Chewing Tobacco and Areca nut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	17	108	159	135	104	27	28	2	580
Smoking and Drinking Alcohol	1	6	42	97	112	111	30	21	0	420
Chewing Tobacco and Drinking Alcohol	0	0	3	9	8	7	4	1	0	32
Smoking, Chewing Tobacco and Drinking Alcohol	0	4	4	17	15	9	8	3	0	60
Chewing Areca nut and Drinking Alcohol	0	0	2	7	4	0	0	3	0	16
Smoking, Chewing Areca nut and Drinking Alcohol	0	1	3	1	2	1	0	1	0	9
Drinking, Chewing Tobacco and Areca nut	0	0	3	7	1	1	1	0	0	13
All Habits	0	1	10	8	3	3	2	1	0	28
Male Total	21	332	636	783	861	772	312	440	14	4171
FEMALE										
Habit not Known	14	269	161	128	126	124	61	147	3	1033
Only Chewing Tobacco	0	0	1	1	0	2	1	0	0	5
Only Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	0	0	0	0	2
All Habits	0	0	0	1	0	0	0	0	0	1
Female Total	14	269	162	132	127	126	62	147	3	1042
ALL										
Habit not Known	34	565	604	578	668	614	283	506	15	3867
Only Smoking	0	6	13	24	36	42	15	15	0	151
Only Chewing Tobacco	0	0	4	2	2	5	3	3	0	19
Smoking and Chewing Tobacco	0	0	0	1	0	1	0	4	0	6
Only Chewing Areca nut	0	1	2	2	0	0	0	0	0	5

Chewing Tobacco and Arecanut	0	0	0	0	1	0	1	0	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	17	108	160	135	104	27	28	2	581
Smoking and Drinking Alcohol	1	6	42	97	112	111	30	21	0	420
Chewing Tobacco and Drinking Alcohol	0	0	3	10	9	7	4	1	0	34
Smoking, Chewing Tobacco and Drinking Alcohol	0	4	4	17	15	9	8	3	0	60
Chewing Arecanut and Drinking Alcohol	0	0	2	7	4	0	0	3	0	16
Smoking, Chewing Arecanut and Drinking Alcohol	0	1	3	1	2	1	0	1	0	9
Drinking, Chewing Tobacco and Arecanut	0	0	3	7	1	1	1	0	0	13
All Habits	0	1	10	9	3	3	2	1	0	29
All Total	35	601	798	915	988	898	374	587	17	5213

BLOOD PRESSURE

MALE										
Habit not Known	2	7	14	29	86	209	188	698	4	1237
Only Smoking	0	0	0	3	9	18	12	43	0	85
Only Chewing Tobacco	0	0	0	0	0	0	3	6	0	9
Smoking and Chewing Tobacco	0	0	1	0	1	2	0	4	0	8
Only Chewing Arecanut	0	0	0	0	0	0	1	2	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	6	6	4	7	0	23
Smoking and Drinking Alcohol	0	0	1	0	6	12	5	7	0	31
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	1	3	0	6
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	3	1	4	0	8
Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	2	0	2	1	0	5
All Habits	0	0	0	1	2	0	0	2	0	5
Male Total	2	7	16	33	112	253	217	779	4	1423

FEMALE										
Habit not Known	2	5	9	20	63	224	202	1267	1	1793
Only Chewing Tobacco	0	0	0	1	1	5	3	34	0	44
Only Chewing Areca nut	0	0	0	0	1	0	0	1	0	2
Chewing Tobacco and Areca nut	0	0	0	0	1	0	0	2	0	3
Smoking and Drinking Alcohol	0	0	1	0	0	0	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Female Total	2	5	10	21	66	230	205	1304	1	1844
ALL										
Habit not Known	4	12	23	49	149	433	390	1965	5	3030
Only Smoking	0	0	0	3	9	18	12	43	0	85
Only Chewing Tobacco	0	0	0	1	1	5	6	40	0	53
Smoking and Chewing Tobacco	0	0	1	0	1	2	0	4	0	8
Only Chewing Areca nut	0	0	0	0	1	0	1	3	0	5
Chewing Tobacco and Areca nut	0	0	0	0	1	0	0	3	0	4
Only Drinking Alcohol	0	0	0	0	6	6	4	7	0	23
Smoking and Drinking Alcohol	0	0	2	0	6	12	5	7	0	32
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	1	3	0	6
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	4	1	4	0	9
Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Areca nut and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
Drinking, Chewing Tobacco and Areca nut	0	0	0	0	2	0	2	1	0	5
All Habits	0	0	0	1	2	0	0	2	0	5
All Total	4	12	26	54	178	483	422	2083	5	3267

TABLE - S1

District wise Still Birth by Place of Occurrence (Rural & Urban)

Sl. No.	District	Rural/ Urban	Still Births by Place of Occurrence				Place of Residence of Mother				
			Male	Female	Not Reported	Total	Within the Registration Unit	Outside the Registration Unit	Outside the State	NR	Total
1	Kasaragod	Rural	3	1	0	4	2	2	0	0	4
		Urban	26	25	0	51	5	39	0	7	51
		Total	29	26	0	55	7	41	0	7	55
2	Kannur	Rural	41	32	0	73	5	51	0	17	73
		Urban	72	53	0	125	10	71	0	44	125
		Total	113	85	0	198	15	122	0	61	198
3	Wayanad	Rural	17	19	2	38	2	22	0	14	38
		Urban	21	28	1	50	0	36	0	14	50
		Total	38	47	3	88	2	58	0	28	88
4	Kozhikode	Rural	10	8	0	18	2	10	0	6	18
		Urban	257	193	2	452	44	144	0	264	452
		Total	267	201	2	470	46	154	0	270	470
5	Malappuram	Rural	54	46	1	101	6	35	0	60	101
		Urban	114	95	1	210	17	146	0	47	210
		Total	168	141	2	311	23	181	0	107	311
6	Palakkad	Rural	3	4	0	7	0	3	0	4	7
		Urban	58	57	1	116	11	62	0	43	116
		Total	61	61	1	123	11	65	0	47	123
7	Thrissur	Rural	59	57	4	120	5	21	0	94	120
		Urban	49	43	0	92	5	33	0	54	92
		Total	108	100	4	212	10	54	0	148	212

8	Ernakulam	Rural	21	15	0	36	1	21	0	14	36	
		Urban	27	25	0	52	5	24	0	23	52	
		Total	48	40	0	88	6	45	0	37	88	
9	Idukki	Rural	14	14	0	28	10	11	0	7	28	
		Urban	12	4	0	16	1	9	0	6	16	
		Total	26	18	0	44	11	20	0	13	44	
10	Kottayam	Rural	82	67	2	151	0	67	0	84	151	
		Urban	3	8	0	11	0	7	0	4	11	
		Total	85	75	2	162	0	74	0	88	162	
11	Alappuzha	Rural	25	20	0	45	2	39	0	4	45	
		Urban	1	2	0	3	0	3	0	0	3	
		Total	26	22	0	48	2	42	0	4	48	
12	Pathanamthitta	Rural	1	5	0	6	0	4	0	2	6	
		Urban	18	22	1	41	2	24	0	15	41	
		Total	19	27	1	47	2	28	0	17	47	
13	Kollam	Rural	17	3	0	20	3	10	0	7	20	
		Urban	18	10	0	28	9	15	0	4	28	
		Total	35	13	0	48	12	25	0	11	48	
14	Thiruvananthapuram	Rural	4	4	0	8	1	1	0	6	8	
		Urban	163	138	5	306	35	23	0	248	306	
		Total	167	142	5	314	36	24	0	254	314	
State		Rural	351	295	9	655	39	297	0	319	655	
		Urban	839	703	11	1553	144	636	0	773	1553	
		Total	1190	998	20	2208	183	933	0	1092	2208	

TABLE - S2**District wise Still Births by Place of Residence (Rural & Urban)**

Sl. No.	District	Rural/ Urban	Still Births by Place of Residence of Mother				Place of Occurrence of Still Births			
			Male	Female	NR	Total	Within the Registration Unit	Outside the Registration Unit	Outside the State	Total
1	Kasaragod	Rural	23	19	0	42	2	40	0	42
		Urban	2	4	0	6	5	1	0	6
		Total	25	23	0	48	7	41	0	48
2	Kannur	Rural	58	43	0	101	5	96	0	101
		Urban	22	14	0	36	10	26	0	36
		Total	80	57	0	137	15	122	0	137
3	Wayanad	Rural	25	33	1	59	2	57	0	59
		Urban	0	1	0	1	0	1	0	1
		Total	25	34	1	60	2	58	0	60
4	Kozhikode	Rural	77	57	1	135	2	133	0	135
		Urban	34	31	0	65	44	21	0	65
		Total	111	88	1	200	46	154	0	200
5	Malappuram	Rural	90	74	1	165	6	159	0	165
		Urban	21	18	0	39	17	22	0	39
		Total	111	92	1	204	23	181	0	204
6	Palakkad	Rural	30	30	1	61	0	61	0	61
		Urban	9	6	0	15	11	4	0	15
		Total	39	36	1	76	11	65	0	76

7	Thrissur	Rural	24	24	0	48	5	43	0	48
		Urban	8	8	0	16	5	11	0	16
		Total	32	32	0	64	10	54	0	64
8	Ernakulam	Rural	19	20	0	39	1	38	0	39
		Urban	7	5	0	12	5	7	0	12
		Total	26	25	0	51	6	45	0	51
9	Idukki	Rural	17	12	0	29	10	19	0	29
		Urban	1	0	0	1	1	0	0	1
		Total	18	12	0	30	11	19	0	30
10	Kottayam	Rural	32	30	1	63	0	63	0	63
		Urban	8	4	0	12	0	12	0	12
		Total	40	34	1	75	0	75	0	75
11	Alappuzha	Rural	24	19	0	43	2	41	0	43
		Urban	0	1	0	1	0	1	0	1
		Total	24	20	0	44	2	42	0	44
12	Pathanamthitta	Rural	13	14	0	27	0	27	0	27
		Urban	1	2	0	3	2	1	0	3
		Total	14	16	0	30	2	28	0	30
13	Kollam	Rural	16	10	0	26	3	23	0	26
		Urban	9	2	0	11	9	2	0	11
		Total	25	12	0	37	12	25	0	37
14	Thiruvananthapuram	Rural	12	9	0	21	1	20	0	21
		Urban	21	18	0	39	35	4	0	39
		Total	33	27	0	60	36	24	0	60
15	Not Reported	Urban	587	490	15	1092	0	0	1092	1092
	State	Rural	460	394	5	859	39	820	0	859
		Urban	730	604	15	1349	144	113	1092	1349
		Total	1190	998	20	2208	183	933	1092	2208

TABLE - S3**Still Births by Sex and Age of the Mother (Rural & Urban)**

Sl. No.	Age of Mother	Still Births											
		Rural				Urban				Total			
		Male	Female	NR	Total	Male	Female	NR	Total	Male	Female	NR	Total
1	15-19	11	13	1	25	31	33	0	64	42	46	1	89
2	20-24	94	71	5	170	217	152	0	369	311	223	5	539
3	25-29	109	88	1	198	245	195	4	444	354	283	5	642
4	30-34	72	74	2	148	142	147	1	290	214	221	3	438
5	35-39	46	41	0	87	56	48	1	105	102	89	1	192
6	40-44	5	3	0	8	8	4	0	12	13	7	0	20
7	45 & above	0	0	0	0	1	1	0	2	1	1	0	2
8	Age Not Stated	14	5	0	19	139	123	5	267	153	128	5	286
Total		351	295	9	655	839	703	11	1553	1190	998	20	2208

TABLE - S4**Still Births by Sex and duration of Pregnancy (Rural & Urban)**

Sl. No.	Duration of Pregnancy (in weeks)	Still Births											
		Rural				Urban				Total			
		Male	Female	NR	Total	Male	Female	NR	Total	Male	Female	NR	Total
1	< 32	129	123	2	254	329	313	7	649	458	436	9	903
2	32-36	94	92	5	191	216	191	2	409	310	283	7	600
3	37-39	116	62	2	180	212	138	2	352	328	200	4	532
4	40	4	4	0	8	30	19	0	49	34	23	0	57
5	41+	8	14	0	22	52	42	0	94	60	56	0	116
Total		351	295	9	655	839	703	11	1553	1190	998	20	2208

TABLE - S 5

Still Birth by Sex and Type of Medical Attention Received at Delivery (Rural & Urban)

Rural/Urban Town	Type of Attention at Delivery					Total	
	Institutional		Doctor, Nurse and trained Midwife	Traditional Birth Attendant	Relatives and Others		
	Government	Private and Non- Government					
I. Rural	306	348			1	655	
II. Urban (i) Towns with population one lakh and above							
1	Alappuzha (M)		1			1	
2	Kollam (C)	13	9			22	
3	Kottayam (M)		1			1	
4	Kozhikode (C)	398	51			449	
5	Palakkad (M)	52	25			77	
6	Thiruvananthapuram (C)	260	40			300	
7	Thrissur (C)	10	54			64	
Total (i)		733	181	0	0	914	
Urban (ii) All Other Urban areas							
1	Aluva (M)		4			4	
2	Angamaly (M)		4			4	
3	Attingal (M)		1			1	
4	Chalakkudy (M)		8			8	
5	Changanasserry (M)		1			1	
6	Eloor(M)	5				5	
7	Ettumanoor (M)		7			7	
8	Kalamasserry (M)	17	1			18	
9	Kalpetta (M)	4	8			12	
10	Kanjhagad (M)	2	10			12	
11	Kannur (C)		32			32	
12	Kannur Cantonment (M)	10				10	
13	Karunagappally(M)	2	1			3	
14	Kasargod (M)	4	35			39	
15	Kattappana (M)		4			4	
16	Kayamkulam (M)		1			1	
17	Kodungallur (M)		10			10	
18	Kondotty (M)		8			8	
19	Kothamangalam (M)		8			8	
20	Kottakkal(M)		75			75	

21	Kottarakkara (M)		3					3
22	Kunnamkulam (M)	1	9					10
23	Kuthuparamba (M)		2					2
24	Malappuram (M)		14					14
25	Mananthavady (M)	21						21
26	Manjeri (M)	16	23					39
27	Mannarakkad (M)	5	1					6
28	Maradu (M)		2					2
29	Mavelikkara (M)		1					1
30	Moovattupuzha (M)	3						3
31	Mukkam (M)		2					2
32	Nedumangad (M)	1						1
33	Neyyattinkara (M)	1	1					2
34	Nilamboor(M)	2	1					3
35	North Paravur (M)		4					4
36	Ottappalam (M)	3	29					32
37	Pala (M)	1	1					2
38	Pathanamthitta (M)		4					4
39	Pattambi (M)	1						1
40	Payyannur (M)	1	25					26
41	Perinthalmanna (M)	2	24					26
42	Ponnani (M)	4						4
43	Sulthan Batheri (M)	5	12					17
44	Thalasserry (M)	2	32					34
45	Thaliparamba (M)	6	15					21
46	Thanoor (M)		3					3
47	Thirurangadi (M)	3	18					21
48	Thiruvalla (M)	1	36					37
49	Thodupuzha (M)	2	10					12
50	Thrippunithura (M)		4					4
51	Tirur (M)		13					13
52	Vadakara (M)		1					1
53	Valancherry (M)		4					4
54	Varkala (M)		2					2
Total (ii)		125	514	0	0	0	0	639
Total Urban		858	695	0	0	0	0	1553
State Total (Rural+Urban)		1164	1043	0	0	1	0	2208

TABLE - S6**Still Births by Cause of Still Birth and Age of the Mother (Rural & Urban)**

Cause of Still Birth	Age of the Mother									
	Below 15	15- 19	20- 24	25- 29	30- 34	35- 39	40- 44	45 & Above	Not Stated	Total
All Areas										
Diabetes	0	0	0	0	0	2	0	0	0	2
Anaemia's	0	0	0	1	1	0	0	0	0	2
Liver Disease	0	0	0	1	0	0	0	0	0	1
Complication in Pregnancy, Child birth	0	1	1	1	3	1	0	0	0	7
Others	0	0	9	8	8	1	0	0	0	26
Not Stated	0	88	529	631	426	188	20	2	286	2170
All Areas Total	0	89	539	642	438	192	20	2	286	2208
Rural Areas										
Diabetes	0	0	0	0	0	2	0	0	0	2
Complication in Pregnancy, Child birth	0	0	0	1	3	1	0	0	0	5
Others	0	0	3	4	5	0	0	0	0	12
Not Stated	0	25	167	193	140	84	8	0	19	636
Rural Areas Total	0	25	170	198	148	87	8	0	19	655
Urban Areas										
Anaemia's	0	0	0	1	1	0	0	0	0	2
Liver Disease	0	0	0	1	0	0	0	0	0	1
Complication in Pregnancy, Child birth	0	1	1	0	0	0	0	0	0	2
Others	0	0	6	4	3	1	0	0	0	14
Not Stated	0	63	362	438	286	104	12	2	267	1534
Urban Areas Total	0	64	369	444	290	105	12	2	267	1553

TABLE - S7

Still Birth by Duration of Pregnancy and Age of the Mother (Rural & Urban)

Duration of Pregnancy (in weeks)	Age of the Mother									Total
	Below 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Above	Not Stated	
All Areas										
< 32	0	26	197	210	141	66	7	0	256	903
32-36	0	30	153	207	142	56	4	1	7	600
37-39	0	23	134	172	117	59	8	0	19	532
40+	0	10	55	53	38	11	1	1	4	173
All Areas Total	0	89	539	642	438	192	20	2	286	2208
Rural Areas										
< 32	0	11	71	74	53	34	5	0	6	254
32-36	0	7	50	60	48	23	2	0	1	191
37-39	0	5	40	57	37	28	1	0	12	180
40+	0	2	9	7	10	2	0	0	0	30
Rural Areas Total	0	25	170	198	148	87	8	0	19	655
Urban Areas										
< 32	0	15	126	136	88	32	2	0	250	649
32-36	0	23	103	147	94	33	2	1	6	409
37-39	0	18	94	115	80	31	7	0	7	352
40+	0	8	46	46	28	9	1	1	4	143
Urban Areas Total	0	64	369	444	290	105	12	2	267	1553

DEFINITIONS USED IN THIS REPORT

1. **Sex ratio** is defined as the number of females per 1000 males in a population

$$\text{Sex Ratio} = \frac{\text{Number of females}}{\text{Number of males}} \times 1000$$

2. **Sex Ratio at birth** = $\frac{\text{Number of female birth registered during the year}}{\text{Number of male birth registered during the year}} \times 1000$

3. **Masculinity proportion** is the proportion of males in the total population.

$$\text{Masculinity proportion} = \frac{\text{Number of males in the Mid year population}}{\text{Total Mid year population}} \times 1000$$

4. **Aged – Child ratio** indicates whether or not a population is young or ageing

$$\text{Aged child ratio} = \frac{\text{Population of above 60 yrs}}{\text{Population of below 15 yrs}} \times 100$$

5. (**Total**) **Dependency ratio** is an age-population ratio of those typically not in the labour force (the dependent part) and those typically in the labour force (the productive part). It is used to measure the pressure on productive population. The dependent part usually includes those under the age of 15 and over the age of 64. The productive part makes up the population in between, ages 15 – 64. It is normally expressed as a percentage. The (**total**) **dependency ratio** can be decomposed into the **child dependency ratio** and the **aged dependency ratio**.

$$\text{Total dependency ratio} = \frac{(\text{Population of 0-14 years} + \text{Population of above 65 years})}{\text{Population of 15-64 years}} \times 100$$

$$\text{Young (child) dependency ratio} = \frac{\text{Population of 0-14 ages}}{\text{Population of 15-64 ages}} \times 100$$

$$\text{Old (aged) dependency ratio} = \frac{\text{Population of above 65 years}}{\text{Population of 15-64 ages}} \times 100$$

6. **Crude Birth Rate (CBR)** is the number of live births in a year per thousand of population.

$$\text{Crude Birth Rate} = \frac{\text{Number of Live births during the year}}{\text{Mid-year population}} \times 1000$$

7. **General Fertility Rate (GFR)** is the total number of live births per 1,000 women of childbearing age (ages 15 to 49 years old) in a year.

$$\text{General Fertility Rate} = \frac{\text{Number of live births in a year}}{\text{Mid-year female population in the age group (15-49) years}} \times 1000$$

8. **Age Specific Fertility Rate (ASFR)** is the number of live births per 1,000 women in a particular age groups (usually age 15-19, 20-24 etc.)in a year

$$\text{Age Specific Fertility Rate} = \frac{\text{Number of live birth in a particular age group}}{\text{Mid-year female population of the same age group}} \times 1000$$

9. **Total Fertility Rate** may be defined as average number of children that would be born to a woman if she experiences the current fertility pattern throughout her reproductive span (15-49 years).

$$\begin{aligned} &= (\text{Sum of age specific fertility rates over different age groups}) \\ &\quad X (\text{Width of age group}) / 1000 \\ &\quad_{45-49} \\ \text{Total fertility rate} &= \frac{5 \times \sum \text{ ASFR}_{15-19}}{1000} \end{aligned}$$

10. **Gross Reproduction Rate (GRR)** is the average number of daughters that would be born to a woman (or a group of women) if she survived at least to the age of 45 and conformed to the age-specific fertility rate of a given year. It is often regarded as the extent to which the generation of daughters replaces the preceding generation of females.

$$\text{Gross reproduction rate} = \frac{5 \times \sum_{15-19}^{45-49} \text{ASFR for female live births}}{1000}$$

11. Child-woman ratio is the number of children aged 0 to 4 per 1,000 women of childbearing age. It is used as an index of fertility when reliable birth statistics are not available.

$$\text{Child-women ratio} = \frac{\text{Population of 0-4 age group}}{\text{Female population in the age group 15-49}} \times 1000$$

12. Crude Death Rate (CDR) is the total number of deaths per year per 1000 people

$$\text{Crude death rate} = \frac{\text{Number of deaths during the year}}{\text{Mid-year population}} \times 1000$$

13. Infant Mortality Rate (IMR) is the number of deaths of children less than 1 year old per 1000 live births.

$$\text{Infant mortality rate} = \frac{\text{Number of infant deaths during the year}}{\text{Number of live births during the year}} \times 1000$$

14. Neo-natal Mortality Rate (NMR) is the number of deaths during the first 28 completed days of life per 1,000 live births in a given year or period. **Neo-natal deaths** may be subdivided into **early neo-natal deaths**, occurring during the first seven days of life, and **late neo-natal deaths**, occurring after the seventh day but before the 28 completed days of life. **Post neo-natal mortality rate** is the number of deaths after 28 days of life but before one year per 1,000 live births in a given year or period. **Perineo-natal mortality rate** is the number of deaths between the foetal viability (22 weeks gestation) and the end of the 7th day after delivery per 1,000 live births in a given year or period.

<i>Neo-natal mortality rate</i>	$= \frac{\text{Number of infant deaths} < \text{than 29 days during the year}}{\text{Number of live births during the year}} \times 1000$
<i>Early neo-natal mortality rate</i>	$= \frac{\text{Number of infant deaths} < \text{than 7 days during the year}}{\text{Number of live births during the year}} \times 1000$
<i>Late neo-natal mortality rate</i>	$= \frac{\text{Number of infant deaths of 7 days to} < \text{than 29 days during the year}}{\text{Number of live births during the year}} \times 1000$
<i>Post neo-natal mortality rate</i>	$= \frac{\text{Number of infant deaths of 29 days to} < \text{than one year during the year}}{\text{Number of live births during the year}} \times 1000$
<i>Peri neo-natal mortality rate</i>	$= \frac{\text{Number of still births and infant deaths of} < \text{than 7 days during the year}}{\text{Number of live births and still births during the year}} \times 1000$

15. Still Birth Rate (SBR) is the number of fetal deaths (stillbirths) per 1,000 live births plus fetal deaths (stillbirths).

$$\text{Still birth rate} = \frac{\text{Number of still births during the year}}{\text{Number of live births and still births during the year}} \times 1000$$

16. Maternal Mortality Ratio (MMR) is the number of maternal deaths per 100000 live births and still births.

$$\text{Maternal Mortality Ratio} = \frac{\text{Number of Maternal Deaths during the year}}{\text{Number of live births and still births during the year}} \times 100000$$



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