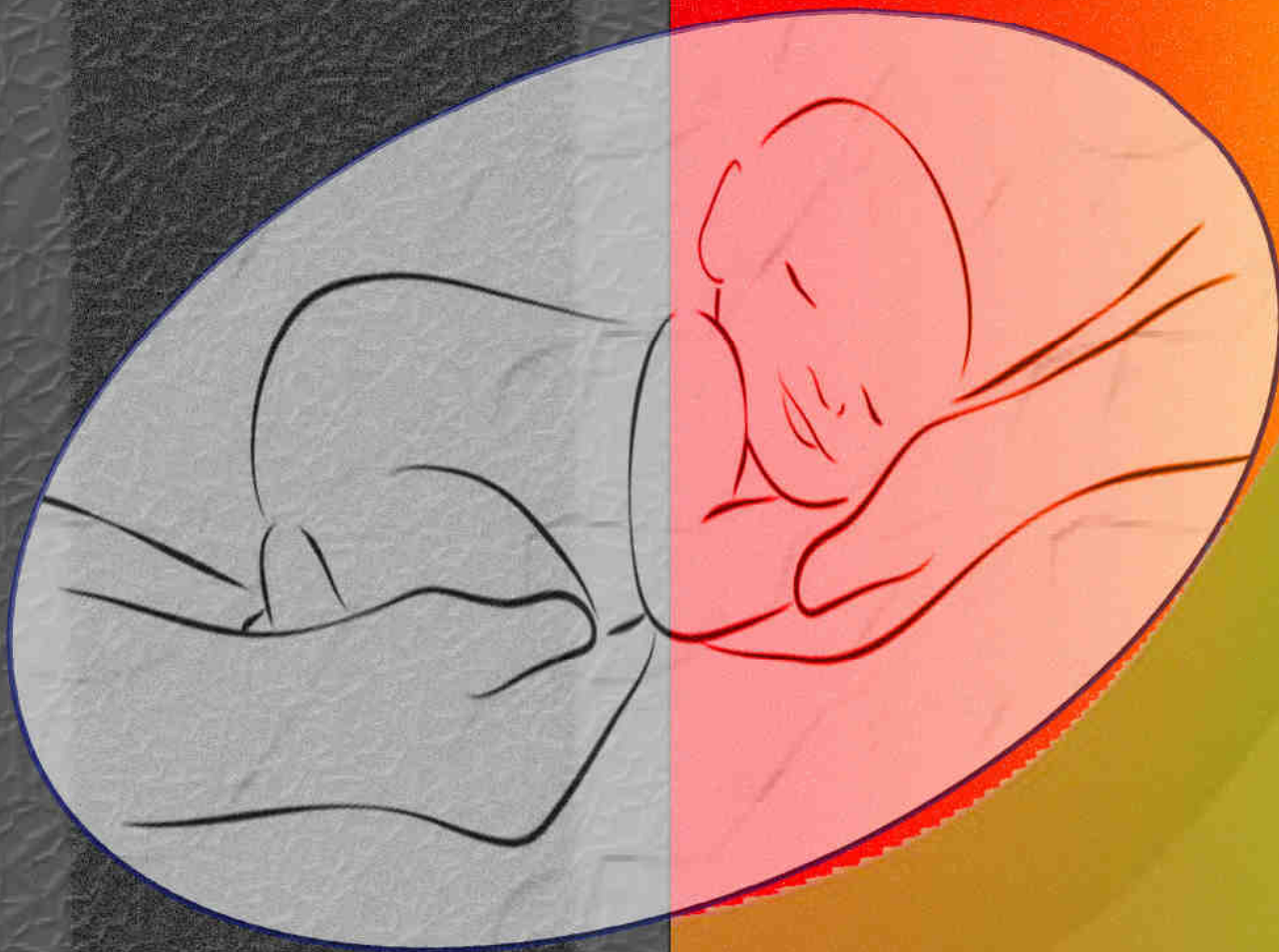




Government of Kerala



ANNUAL VITAL STATISTICS REPORT - 2019



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



Government of Kerala

ANNUAL VITAL STATISTICS REPORT – 2019

**Vital Statistics Division
Department of Economics & Statistics
Thiruvananthapuram, Kerala
2020**

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 2019” 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.P. Sajeevu, 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:25/02/2021

P. V. BABU
DIRECTOR

CONTENTS

<i>Sl. No</i>	<i>Title</i>	<i>Page</i>
I	<i>Highlights</i>	1
II	<i>Vital Rates in Kerala – 2019 (At a glance)</i>	3
III	<i>Vital Rates in Kerala – (2010-2019)</i>	5
IV	<i>District wise Live Births, Deaths, Infant Deaths and their Rates -2019</i>	6
V	<i>District wise Still Births, Maternal Deaths and their Rates -2019</i>	7
1	<i>Civil Registration System in Kerala - Introduction</i>	8
2	<i>Analysis of Vital Events - Live Births</i>	11
3	<i>Analysis of Vital Events – Deaths</i>	32
4	<i>Analysis of Vital Events - Infant Deaths</i>	41
5	<i>Analysis of Vital Events - Still Births</i>	44
6	<i>Analysis of Vital Rates</i>	49
Tables		
A-1	<i>District wise number of Registration Units & Mid- year population 2019 (Rural & Urban)</i>	55
A-2	<i>Age & Sex wise Mid Year Population – 2019</i>	56
B-1	<i>Live Births by Place of Occurrence, Districts (Rural & Urban) and Towns with population One Lakh and above</i>	57
B-2	<i>Live Births by Place of Residence, Districts (Rural & Urban) and Towns with Population one Lakh and above</i>	60
B-3(i)	<i>Time Gap in Registration of Live Births (Rural)</i>	63
B-3(ii)	<i>Time Gap in Registration of Live Births (Urban)</i>	64
B-3(iii)	<i>Time Gap in Registration of Live Births (Rural &Urban)</i>	65
B-4	<i>Live Births by Sex and Month of Occurrence</i>	66
B-5	<i>Live Births by Type of Attention at Delivery (Rural & Urban)</i>	69
B-6	<i>Live Births by Method of Delivery and Type of Institution for Institutional Births (Rural & Urban)</i>	72
B-7	<i>Live Births by Age of the Mother and Birth Order (Rural & Urban)</i>	73
B-7A	<i>Live Births by Age of the Mother and Sex of the Child</i>	75

B-8	<i>Live Births by Birth Order and Age of the Mother of Towns with Population 1 Lakh and above</i>	76
B-9	<i>Live Births by Age and Level of Education of the Mother (Rural & Urban)</i>	77
B-10	<i>Live Births by Level of Education of the Father and Birth Order (Rural & Urban)</i>	78
B-11	<i>Live Births by Level of Education of the Mother and Birth Order (Rural & Urban)</i>	79
B-12	<i>Live Births by Age of Mother and Birth Order for each Level of Education of the Mother (Rural)</i>	80
B-13	<i>Live Births by Age of Mother and Birth Order for each Level of Education of the Mother (Urban)</i>	84
B-13(a)	<i>Live Births by Age of Mother and Birth Order for each Level of Education of the Mother (Rural &Urban)</i>	88
B-14	<i>Live Births by Age of the Mother, Birth Order and Religion of the Family (Rural)</i>	92
B-15	<i>Live Births by Age of the Mother, Birth Order and Religion of the Family (Urban)</i>	96
B-15(a)	<i>Live Births by Age of the Mother, Birth Order and Religion of the Family (Rural &Urban)</i>	100
B-16	<i>Live Birth by Occupation of the Father and Birth Order (Rural & Urban)</i>	104
B-17	<i>Live Birth by Occupation of the Mother and Birth Order (Rural & Urban)</i>	107
B-18	<i>Live Birth by Duration of Marriage of the Mother and Birth Order (Rural & Urban)</i>	110
B-19	<i>Live Birth by Duration of Marriage and Age of the Mother (Rural & Urban)</i>	112
B-20	<i>Live Births by duration of Pregnancy and Birth Weight (Rural & Urban)</i>	113
B-21	<i>Live Births by Age of the Mother and Birth Weight (Rural & Urban)</i>	114
B-22	<i>Live Births by Birth Order and Birth Weight (Rural & Urban)</i>	115
B-23	<i>Live Births by Method of Delivery and Age of the Mother (Rural & Urban)</i>	116
B -24	<i>Female Birth by Age of Mother</i>	116
B-25	<i>Live Birth by Qualification of Mother and Qualification of Father (Rural & Urban)</i>	117
D-1	<i>Deaths by Place of Occurrence, Districts (Rural & Urban) and Towns with population One Lakh and above</i>	118
D-2	<i>Death by Place of Residence, Districts (Rural & Urban) and Towns with Population one Lakh and above</i>	121
D-3 (i)	<i>Time Gap in Registration of Deaths (Rural)</i>	124
D-3 (ii)	<i>Time Gap in Registration of Deaths (Urban)</i>	125
D-3 (iii)	<i>Time Gap in Registration of Deaths (Rural &Urban)</i>	126
D-4	<i>Deaths by Sex and Month of Occurrence</i>	127

D-5	<i>Deaths by Type of Attention at Death (Rural & Urban)</i>	129
D-6	<i>Deaths by Age, Sex and Religion of the Deceased (Rural & Urban)</i>	132
D-7	<i>Deaths by Age, Occupation and Sex (Rural)</i>	134
D-8	<i>Deaths by Age, Occupation and Sex (Urban)</i>	136
D-9	<i>Deaths by Age, Occupation and Sex (Rural & Urban)</i>	138
D-10	<i>Deaths by Cause of Death, Age and Sex for all Deaths Medically Certified or Not</i>	140
D-11	<i>Deaths by Cause of Death, Age and Sex for Medically Certified Deaths</i>	149
D-12	<i>Infant Deaths by Place of Occurrence, Districts (Rural & Urban) and Towns with Population One Lakh and Above</i>	156
D-13	<i>Infant Deaths by Place of Residence, Districts (Rural & Urban) and Towns with Population One Lakh and above</i>	159
D-14	<i>Infant Deaths by Age and Sex (Rural & Urban)</i>	162
D-15	<i>Pregnancy Related Deaths by Age Group of the Deceased and Cause of Death for Medically Certified Deaths (Rural & Urban)</i>	163
D-16	<i>Pregnancy Related Deaths by Age Group of the Deceased and Cause of Death for all Deaths Medically Certified or Not (Rural & Urban)</i>	164
D-17	<i>Pregnancy Related Deaths by Age and Level of Education (Rural & Urban)</i>	165
D-18	<i>Pregnancy Related Deaths by Age and Occupation (Rural & Urban)</i>	166
D-19	<i>Deaths by Selected Cause of Death, Age, Sex and Habit (Rural)</i>	167
D-20	<i>Deaths by Selected Cause of Death, Age, Sex and Habit (Urban)</i>	188
D-21	<i>Deaths by Selected Cause of Death, Age, Sex and Habit (Rural & Urban)</i>	212
S-1	<i>Still Births by Place of Occurrence in Districts (Rural & Urban)</i>	235
S-2	<i>Still Births by Place of Residence in Districts (Rural & Urban)</i>	237
S-3	<i>Still Births by Sex and Age of the Mother (Rural & Urban)</i>	239
S-4	<i>Still Births by Sex and Duration of Pregnancy (Rural & Urban)</i>	240
S-5	<i>Still Births by Sex and Type of Medical Attention Received at Delivery (Rural & Urban)</i>	241
S-6	<i>Still Births by Cause of Still Births and age of the Mother (Rural & Urban)</i>	243
S-7	<i>Still Births by Cause of Still Births and Age of the Mother (Rural & Urban)</i>	244
VI	Definition Used in this Report	245



- The Projected Mid-year Population in the state for the year 2019 is 348.10 lakhs comprising of 167.01 lakhs males and 181.09 lakhs females.
- Number of live births registered during the year 2019 is 4.80 lakhs against 4.88 lakh during 2018
- Out of the total registered births, the share of male and female are 51.02% and 48.97% respectively
- Sex Ratio at Birth (SRB) for the year 2019 is decreased to 960 from 963 in 2018
- Among the districts, highest SRB is reported in Idukki district (1005) and lowest in Palakkad district (942).
- Crude Birth Rate (CBR) at the State level in 2019 is 13.79 against 14.10 during 2018.
- The maximum CBR has been reported in respect of Malappuram district (20.73) and minimum in Ernakulam & Alappuzha districts (8.28).
- 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 1.68 in 2019 from 1.72 in 2018.
- 87.03 % of total live births have been registered within the stipulated time period of 21 days
- During 2019, the share of institutional (Government and Private Hospital) births to total registered births is 98.96 %.

- Most of the deliveries taken place in both the rural and urban area is institutional deliveries. 97.09% deliveries out of total deliveries in rural sector and 99.73% of deliveries out of total deliveries in urban sector are reported as institutional birth during 2019.
- In case of institutional deliveries taken place during 2019, percentage of normal deliveries is more than cesarean.
- The highest number of births occurred in the month of May (9.73%) 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.
- 14.21% of infants reported low birth weight of less than 2.5 kg during 2019 where as it was 14.23% in 2018.
- The number of registered deaths has increased to 2.71 lakh in 2019 as compared to 2.59 lakh in 2018.
- Out of the total registered deaths, the male and female deaths are 54.85% and 45.15% respectively.
- Crude Death Rate (CDR) has marginally increased to 7.77 in 2019 from 7.47 in 2018.
- Highest CDR has been reported in Pathanamthitta (10.95) and the lowest in Malappuram (4.93).
- The percentage of infant death to total death during 2019 is 0.92% where as it is 1.07% in 2018.
- Percentage of deaths occurred in institutions during 2019 is 61.01%.

VITAL RATES IN KERALA-2019 (AT A GLANCE)

I Age-sex structure of Population

1	Sex Ratio	1084
1a)	<i>Sex Ratio at Birth</i>	960
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	<i>Fertility Indicators</i>	
1	<i>Crude Birth Rate</i>	13.79
2	<i>General Fertility Rate</i>	49.37
3	<i>Age-specific Fertility Rate</i>	
	15-19	15.71
	20-24	107.70
	25-29	121.51
	30-34	69.52
	35-39	18.97
	40-44	2.49
	45-49	0.36
4	<i>Total Fertility Rate</i>	1.68
5	<i>Gross Reproduction Rate</i>	0.82

III Mortality Indicators

1	Crude death rate	7.77
2	Percentage of infant death to total death 1.72	0.92
3	Infant mortality rate	5.18
(a)	Neo-natal mortality rate	3.74
(b)	Early neo- natal mortality rate	2.82
(c)	Late neo- natal mortality rate	0.92
(d)	Post neo- natal mortality rate	1.45
(e)	Peri neo- natal mortality rate	6.91
4	Still Birth Rate	4.10
5	Maternal Mortality Ratio (per one lakh live birth)	23

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

1	Government Hospital	31.13
2	Private Hospital	67.83
3	Qualified Professional	0.25
4	Untrained functionary and others	0.73
5	Not Specified	0.06

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

1	Institutional	61.01
2	Qualified Professional	15.81
3	No medical attention	23.16
4	Not specified	0.02

VITAL RATES IN KERALA- 2010 to 2019

<i>Year</i>	<i>Crude Birth Rate</i>	<i>Crude Death Rate</i>	<i>Infant Mortality Rate</i>	<i>Still Birth Rate</i>	<i>Maternal Mortality Ratio (per 1 lakh live birth)</i>
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
2019	13.79	7.77	5.18	4.10	23

District wise Live Births, Deaths, Infant Deaths and Rates–2019

Districts	Rural/Urban	Births		Deaths		Infant Deaths	
		Number	Rate	Number	Rate	Number	Rate
Thiruvananthapuram	Rural	7497	3.45	13809	6.36	14	1.87
	Urban	37430	31.43	20736	17.41	461	12.32
	Total	44927	13.36	34545	10.27	475	10.57
Kollam	Rural	10212	4.82	15518	7.32	27	2.64
	Urban	18689	34.40	6244	11.49	26	1.39
	Total	28901	10.85	21762	8.17	53	1.83
Pathanamthitta	Rural	5558	5.50	8913	8.82	31	5.58
	Urban	10768	67.92	3889	24.53	32	2.97
	Total	16326	13.97	12802	10.95	63	3.86
Alappuzha	Rural	9356	5.20	14468	8.04	50	5.34
	Urban	8443	24.16	3250	9.30	4	0.47
	Total	17799	8.28	17718	8.25	54	3.03
Kottayam	Rural	13777	8.19	16659	9.91	136	9.87
	Urban	10005	32.93	4394	14.46	15	1.50
	Total	23782	11.98	21053	10.61	151	6.35
Idukki	Rural	6092	6.16	5729	5.79	14	2.30
	Urban	5229	50.97	1351	13.17	14	2.68
	Total	11321	10.37	7080	6.48	28	2.47
Ernakulam	Rural	12160	5.39	15217	6.75	123	10.12
	Urban	16398	13.74	7388	6.19	31	1.89
	Total	28558	8.28	22605	6.56	154	5.39
Thrissur	Rural	13166	5.20	20780	8.21	152	11.54
	Urban	32298	44.25	10291	14.10	140	4.33
	Total	45464	13.94	31071	9.53	292	6.42
Palakkad	Rural	9040	3.45	14773	5.64	30	3.32
	Urban	26182	73.64	4656	13.10	40	1.53
	Total	35222	11.85	19429	6.54	70	1.99
Malappuram	Rural	24895	6.67	14754	3.95	126	5.06
	Urban	69461	84.77	7679	9.37	140	2.02
	Total	94356	20.73	22433	4.93	266	2.82
Kozhikode	Rural	11242	4.98	10695	4.74	23	2.05
	Urban	45125	44.45	17016	16.76	593	13.14
	Total	56367	17.22	27711	8.46	616	10.93
Wayanad	Rural	4959	6.90	3317	4.61	33	6.65
	Urban	9740	73.84	1445	10.96	18	1.85
	Total	14699	17.28	4762	5.60	51	3.47
Kannur	Rural	6305	3.27	12022	6.23	109	17.29
	Urban	36387	51.97	7778	11.11	70	1.92
	Total	42692	16.24	19800	7.53	179	4.19
Kasaragod	Rural	6055	4.94	5890	4.81	19	3.14
	Urban	13644	77.02	1906	10.76	17	1.25
	Total	19699	14.04	7796	5.56	36	1.83
Kerala	Rural	140314	5.19	172544	6.38	887	6.32
	Urban	339799	43.72	98023	12.61	1601	4.71
	Total	480113	13.79	270567	7.77	2488	5.18

District wise Still Births, Maternal Deaths and Rates –2019

Districts	Rural/Urban	Still Birth		Maternal Death	
		Number	Rate	Number	Ratio
Thiruvananthapuram	Rural	4	0.53	4	53
	Urban	280	7.43	13	34
	Total	284	6.28	17	38
Kollam	Rural	15	1.47	3	29
	Urban	23	1.23	3	16
	Total	38	1.31	6	21
Pathanamthitta	Rural	12	2.15	2	36
	Urban	22	2.04	0	0
	Total	34	2.08	2	12
Alappuzha	Rural	39	4.15	4	43
	Urban	8	0.95	1	12
	Total	47	2.63	5	28
Kottayam	Rural	135	9.70	5	36
	Urban	20	2.00	0	0
	Total	155	6.48	5	21
Idukki	Rural	14	2.29	6	98
	Urban	17	3.24	0	0
	Total	31	2.73	6	53
Ernakulam	Rural	32	2.62	6	49
	Urban	40	2.43	3	18
	Total	72	2.51	9	31
Thrissur	Rural	132	9.93	7	53
	Urban	123	3.79	4	12
	Total	255	5.58	11	24
Palakkad	Rural	7	0.77	5	55
	Urban	90	3.43	2	8
	Total	97	2.75	7	20
Malappuram	Rural	61	2.44	10	40
	Urban	154	2.21	5	7
	Total	215	2.27	15	16
Kozhikode	Rural	15	1.33	6	53
	Urban	407	8.94	11	24
	Total	422	7.43	17	30
Wayanad	Rural	28	5.61	1	20
	Urban	55	5.62	0	0
	Total	83	5.61	1	7
Kannur	Rural	69	10.83	4	63
	Urban	115	3.15	2	5
	Total	184	4.29	6	14
Kasaragod	Rural	11	1.81	2	33
	Urban	48	3.51	0	0
	Total	59	2.99	2	10
Kerala	Rural	574	4.07	65	46
	Urban	1402	4.11	44	13
	Total	1976	4.10	109	23

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 01/01/2000. 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 Panchayats, 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 to release timely birth & death statistics.

- ***District Registrars***

The Deputy Director of Panchayats 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 from Cochin Corporation’s 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

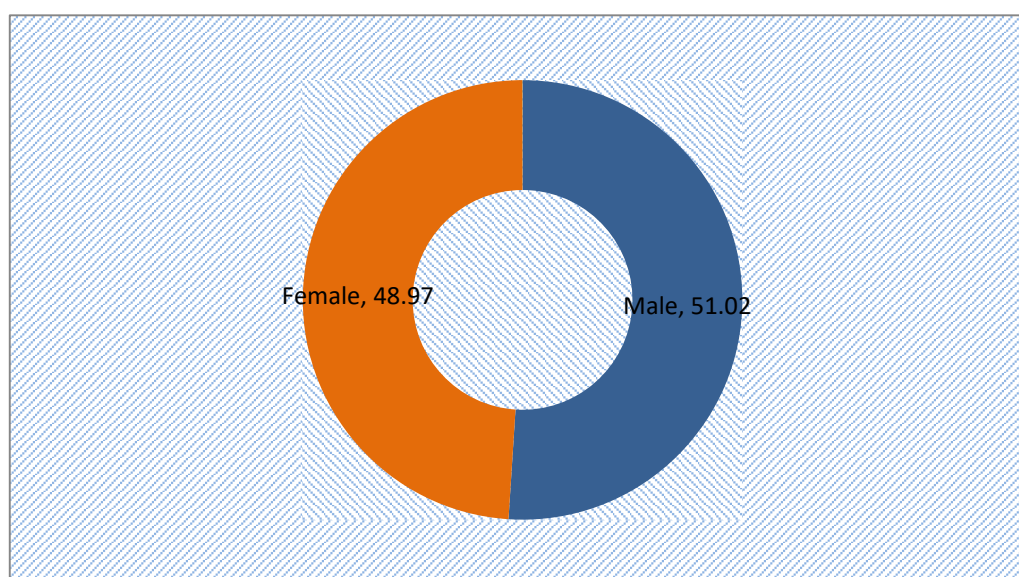
Total number of live births registered during the year 2019 was 480113. Of these, 244953 are males, 235129 are females and the remaining 31 cases are not reported its sex. It is seen that more males (51.02%) were born than females (48.97%) which resulted to a sex ratio at birth of 960 females per 1000 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 –2019

<i>Sex</i>	<i>No. of Births registered</i>	<i>%</i>
<i>Male</i>	244953	51.02
<i>Female</i>	235129	48.97
<i>Not Reported</i>	31	0.01
<i>Total</i>	480113	100.00

Chart 2.1(i)-Percentage Distribution of Registered Live Births by Sex –2019



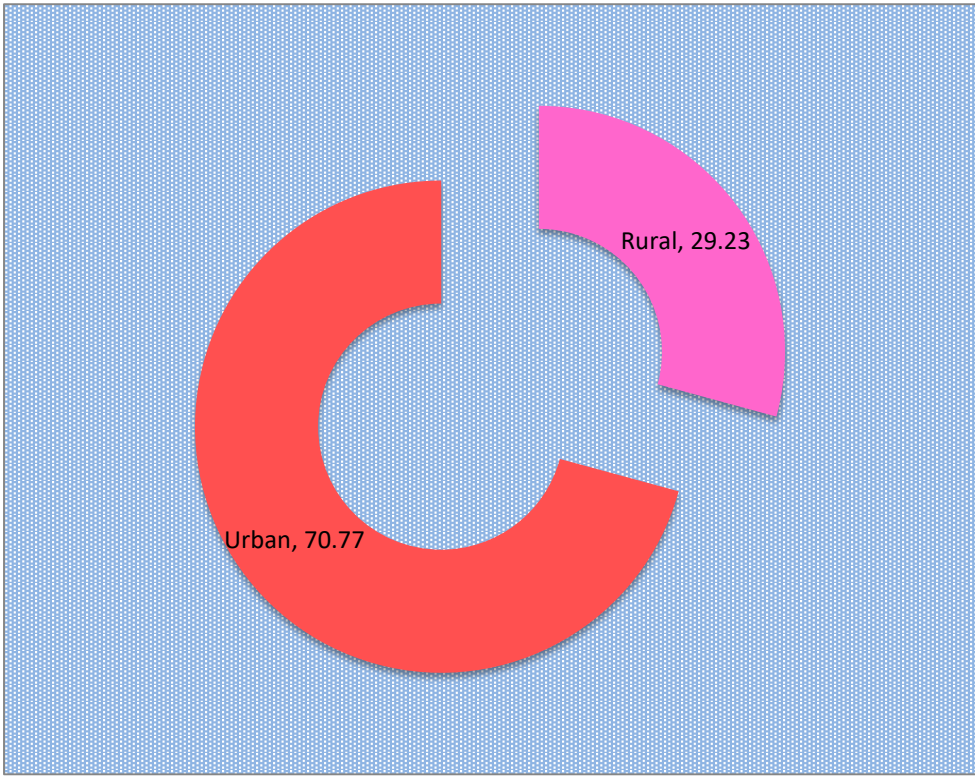
According to the number of live births registered by area, 140314 births (29.23%) were reported from rural areas and 339799 births (70.77%) from urban areas. The following Table 2.1(ii) provides the area is (Rural/Urban) registered live births and the chart 2.1(ii) shows the

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 –2019

<i>Rural/Urban</i>	<i>No. of births registered</i>	<i>%</i>
<i>Rural</i>	140314	29.23
<i>Urban</i>	339799	70.77
Total	480113	100.00

Chart 2.1(ii)-Percentage Distribution of Registered live births by Area -2019



2.2 Time Gap in Registration of Birth

The registered births have been classified into four categories depending upon their period of registration. The four time periods considered for the purpose are: i) within the 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 2019 within the prescribed time limit (up to 21 days) is 87.03%. As per Rural/Urban wise classification, it is 81.94% in rural area and 89.14% in urban areas.

While analyzing the percentage of births registered within the prescribed time period of 21 days to the total births registered in the districts, it is seen that 6 districts have achieved more than 90% registration of births within the prescribed time limit of 21 days. Further, 5 districts are in the category of more than 80 to less than or equal to 90 percent and the remaining 3 districts are in the category of more than 75 to less than or equal to 80 percent in completing the birth registration within time limit of 21 days

During the year 2019, 12.97% births registered were reported as delayed registration. In the case of rural area, it is 18.06%, where as in urban area, delayed registration reported is 10.86%. District wise details of time gap in registration of live births are given in Table B3(i), B3(ii) and B3(iii).

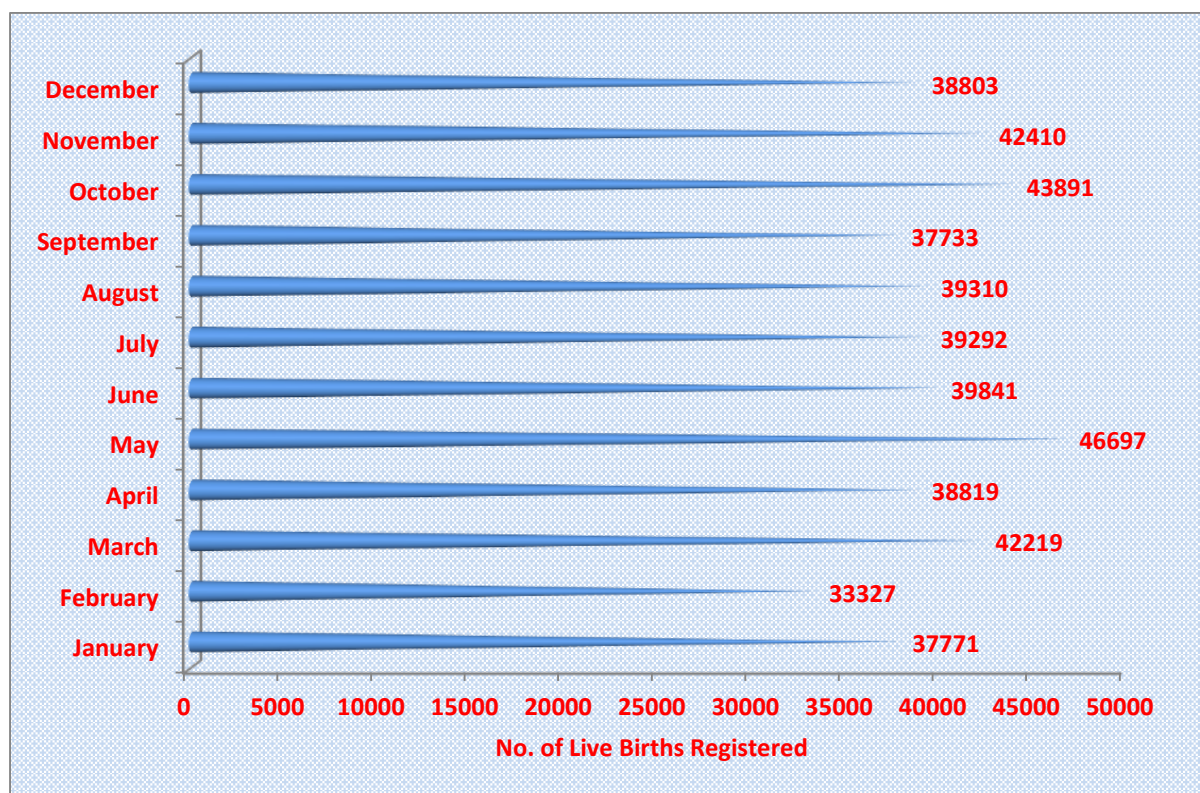
2.3 Live births by month of occurrence

In 2019, highest number of births occurred in May with 46697 (9.73%) of the total births in the State. It was followed by the months of October (9.14), November (8.83%) & March (8.79%). The month of February (6.94%) had the least number of births registered in 2019. The month wise live births registered during 2019 are shown in the following table 2.3 and chart 2.3

Table – 2.3
Month-wise distribution of live births registered – 2019

Month	Number of live births registered	%
January	37771	7.87
February	33327	6.94
March	42219	8.79
April	38819	8.09
May	46697	9.73
June	39841	8.30
July	39292	8.18
August	39310	8.19
September	37733	7.86
October	43891	9.14
November	42410	8.83
December	38803	8.08
Total	480113	100.00

Chart 2.3-Month wise distribution of Live Births registered – 2019



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 by month and district wise for the year 2019 is shown 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 June and the lowest in the months of February, April and December. In the case of district wise births reported, it is seen that sex ratio at birth is highest in Idukki, followed by Pathanamthitta and Kottayam and the lowest in Palakkad 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 – 2019

Month	Number of live births registered		Sex Ratio at Birth
	Male	Female	
January	19298	18469	957
February	17123	16204	946
March	21500	20717	964
April	19947	18870	946
May	23610	23083	978
June	20096	19742	982
July	20145	19146	950
August	19998	19308	965
September	19307	18424	954
October	22363	21524	962
November	21627	20780	961
December	19939	18862	946
Total	244953	235129	960

Chart – 2.4(1)
Month wise Sex Ratio at Birth - 2019

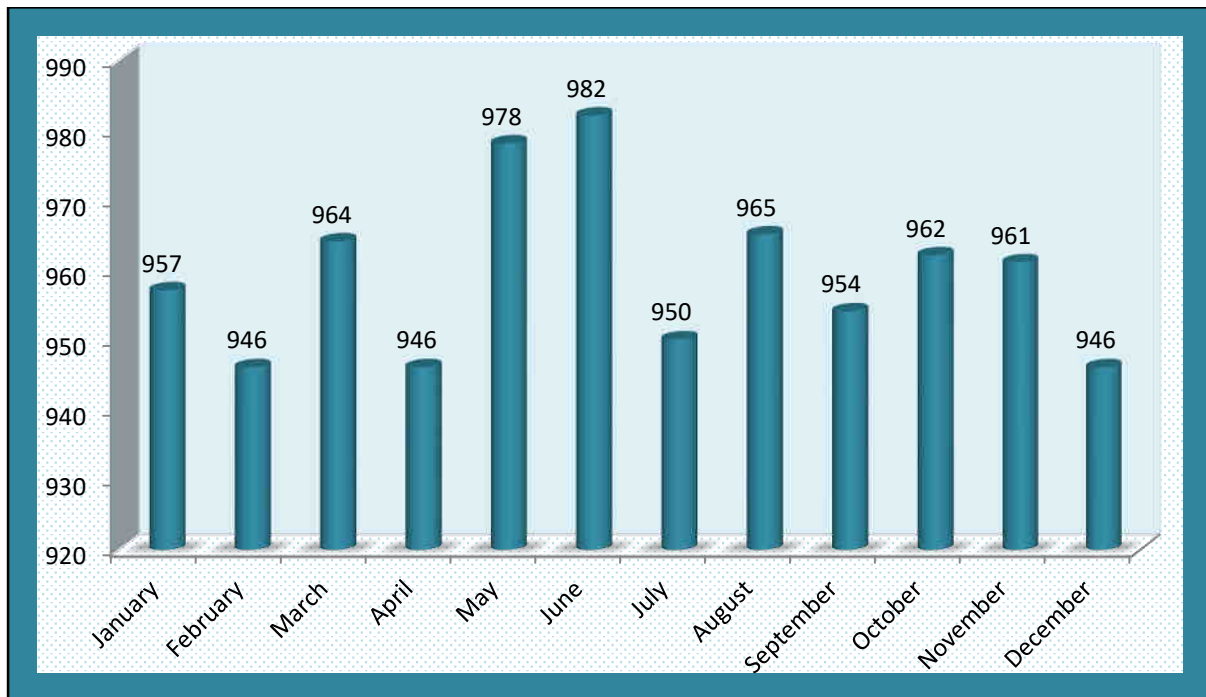
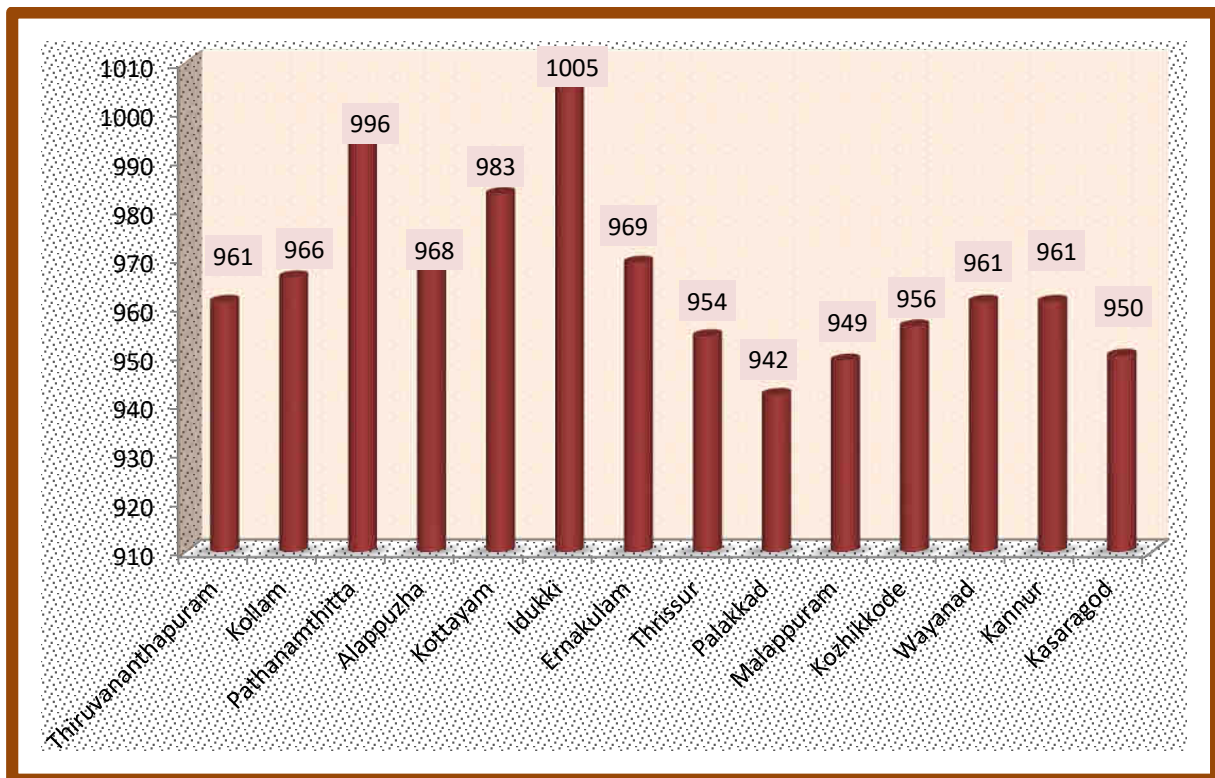


Table – 2.4(2)
District wise Sex Ratio at Birth - 2019

Sl. No.	Name of District	Number of Live Births registered		Sex Ratio at Birth
		Male	Female	
1	Thiruvananthapuram	22902	22019	961
2	Kollam	14697	14204	966
3	Pathanamthitta	8179	8147	996
4	Alappuzha	9040	8755	968
5	Kottayam	11995	11786	983
6	Idukki	5645	5675	1005
7	Ernakulam	14506	14050	969
8	Thrissur	23264	22196	954
9	Palakkad	18132	17088	942
10	Malappuram	48402	45953	949
11	Kozhikode	28820	27539	956
12	Wayanad	7496	7203	961
13	Kannur	21775	20915	961
14	Kasaragod	10100	9599	950
	State Total	244953	235129	960

Chart 2.4(2)-District -wise distribution of Sex Ratio at birth – 2019



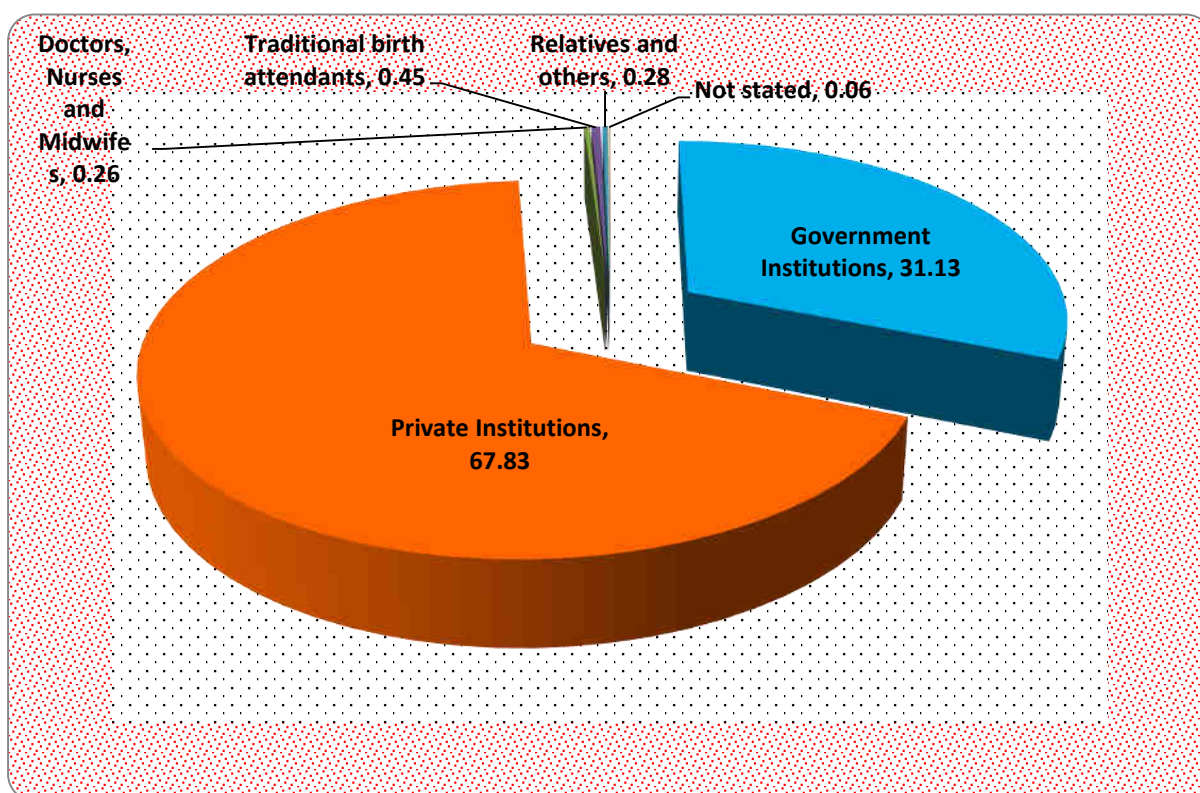
2.5 Medical attention received at the time of delivery

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 2019, Institutional births reported in 98.95% of cases, 0.26% of the cases were attended by Physicians/Nurse/Midwife. However, about 0.45% of the events were still attended by traditional birth attendant and another 0.28% 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-2019

Rural/ Urban	Type of attention at delivery							Total
	Government Institutions	Private Institutions	Total	Doctors, Nurses and Midwives	Traditiona l birth attendants	Relatives and others	Not stated	
Rural	5.36	23.01	28.37	0.13	0.42	0.26	0.04	29.22
Urban	25.77	44.82	70.59	0.12	0.03	0.02	0.02	70.78
Total	31.13	67.83	98.96	0.25	0.45	0.28	0.06	100.00

Chart 2.5(i)-Percentage distribution of live birth by medical attention at birth-2019



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 140314 live births in rural area, 97.09 % events are reported as institutional birth and in the case of urban area, the corresponding rate is 99.73%.

In spite of having enough medical facilities across the State, a small percentage of live births (1.45%) is still attended by traditional birth attendant in rural area and 0.04% in urban area.

Table – 2.5(ii)
Percentage distribution of Live Birth by medical attention at birth (Rural/Urban)-2019

Rural/ Urban	Type of attention at delivery							Total
	Government Institutions	Private Institutions	Total	Doctors, Nurses and Midwives	Traditional birth attendants	Relatives and others	Not stated	
Rural	18.34	78.75	97.09	0.43	1.45	0.89	0.14	100
Urban	36.41	63.32	99.73	0.18	0.04	0.03	0.02	100

Chart 2.5(ii)-Percentage distribution of live birth by medical attention at birth (Rural)-2019

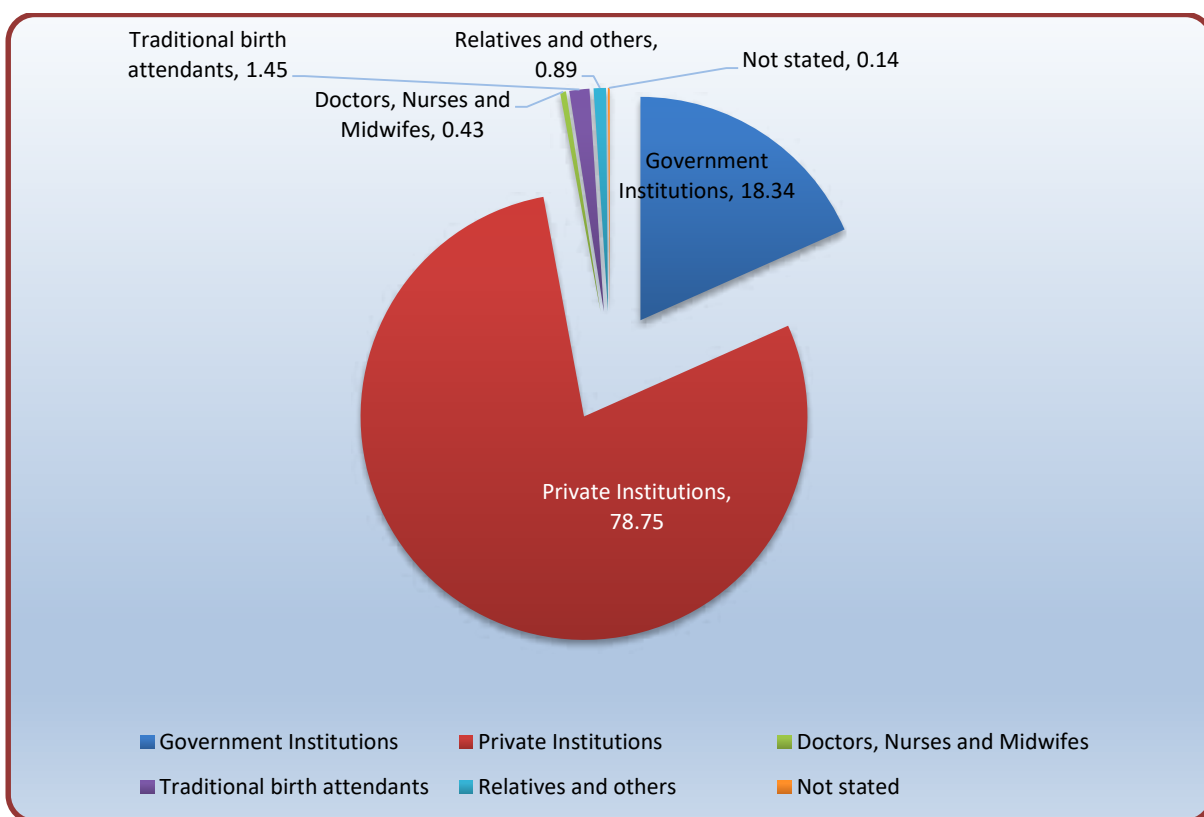
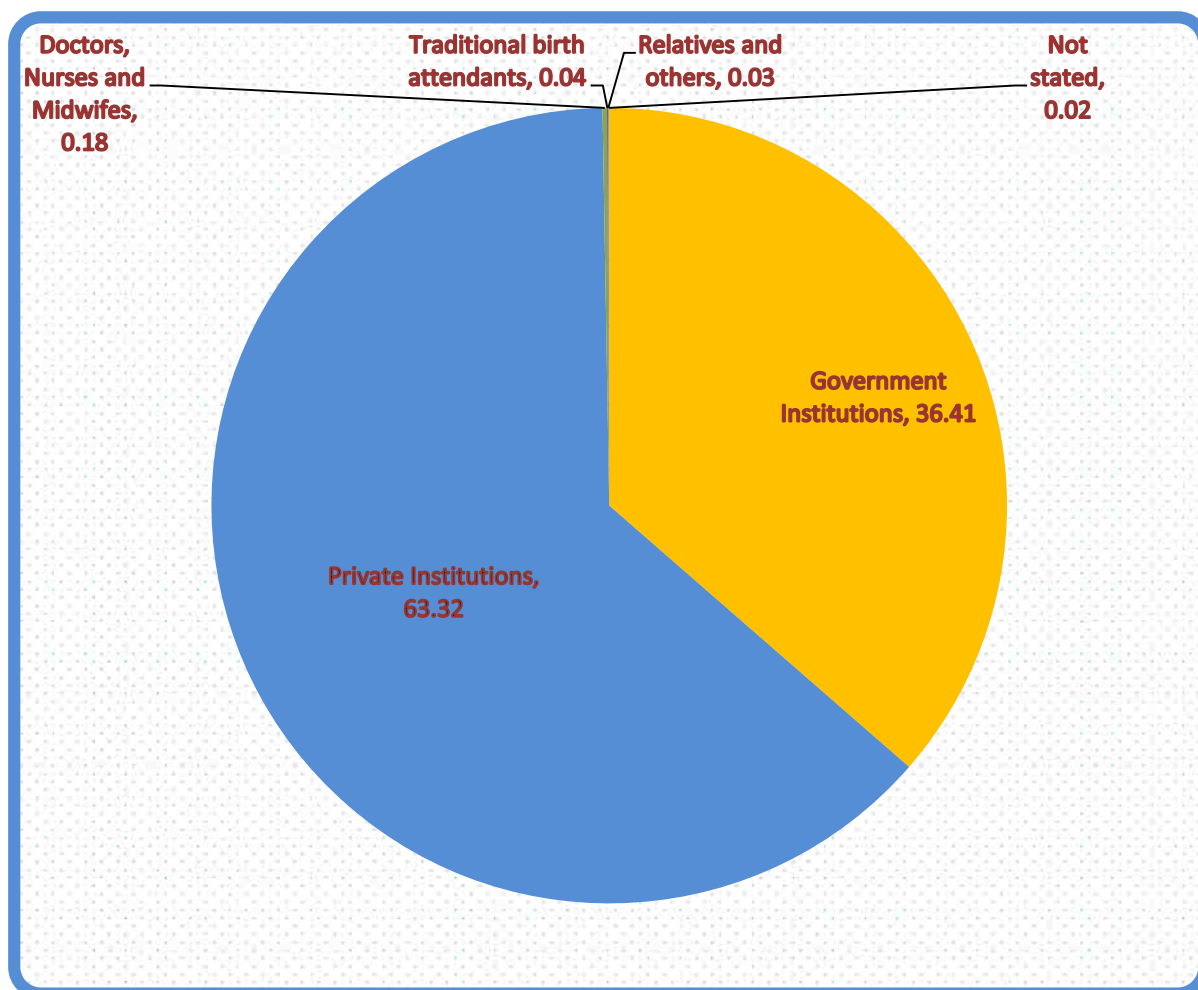


Chart 2.5(iii)-Percentage distribution of Live Birth by medical attention at birth (Urban)- 2019



2.6. Live birth by Type 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 institutional child births by type of delivery. During 2019, the percentage share of institutional deliveries to total live birth is 98.96%. While considering the institutional wise, it is seen that out of the 149442 Live births occurred in Govt. Hospitals, 59.87% are normal deliveries and 38.70% are caesarians. But in the case of private hospitals, out of 325675 live births occurred, the percentage of normal deliveries and caesarians are 54.47% and 41.92% 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 type of delivery is given in the following charts 2.6(i), 2.6(ii) & 2.6(iii).

Table – 2.6
Percentage distribution of Institutional Live Births by Type of delivery – 2019

Type of Institution	Type of Delivery				Total
	Normal	Caesarean	Forceps/vacuum	Not Stated	
Government Institution	59.87	38.70	1.43	0.00	100.00
Private Institution	54.47	41.92	3.60	0.01	100.00

Chart -2.6(i)- Percentage distribution of Institutional Live Births by Type of delivery – 2019

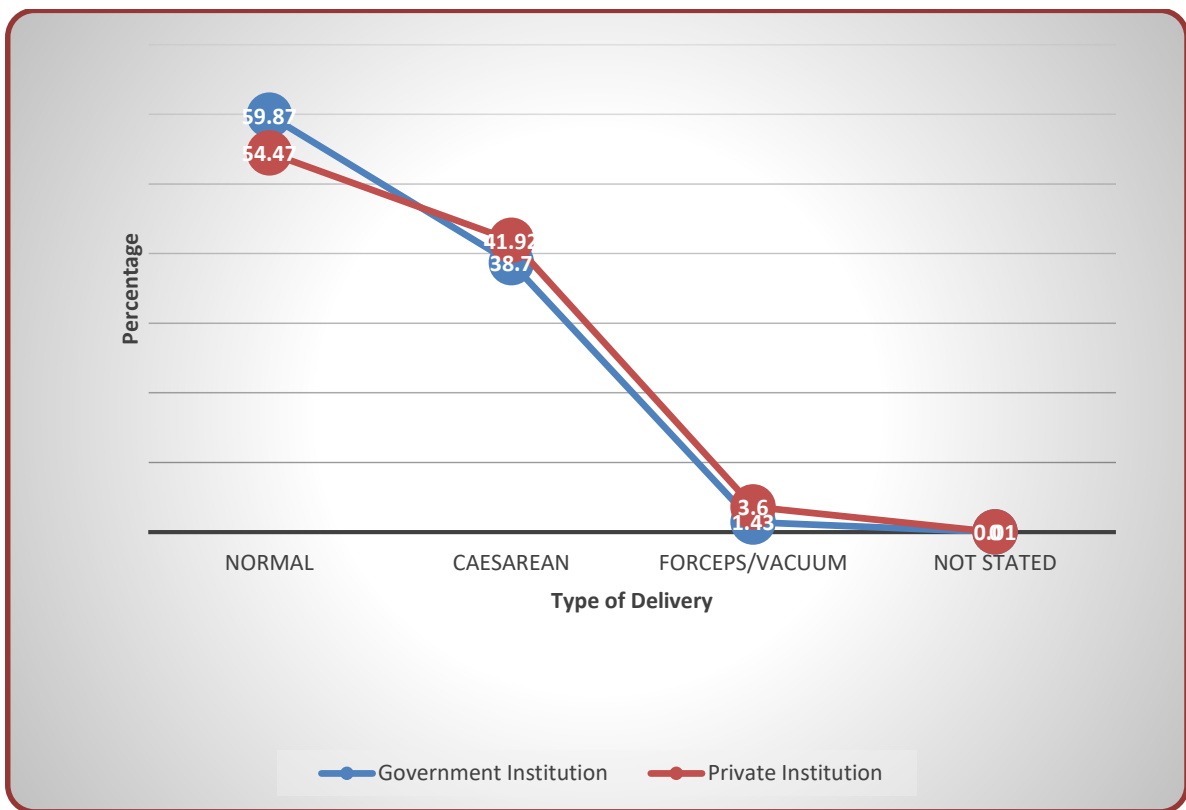


Chart-2.6(ii)- Percentage distribution of registered live births in Government institutions by type of delivery -2019

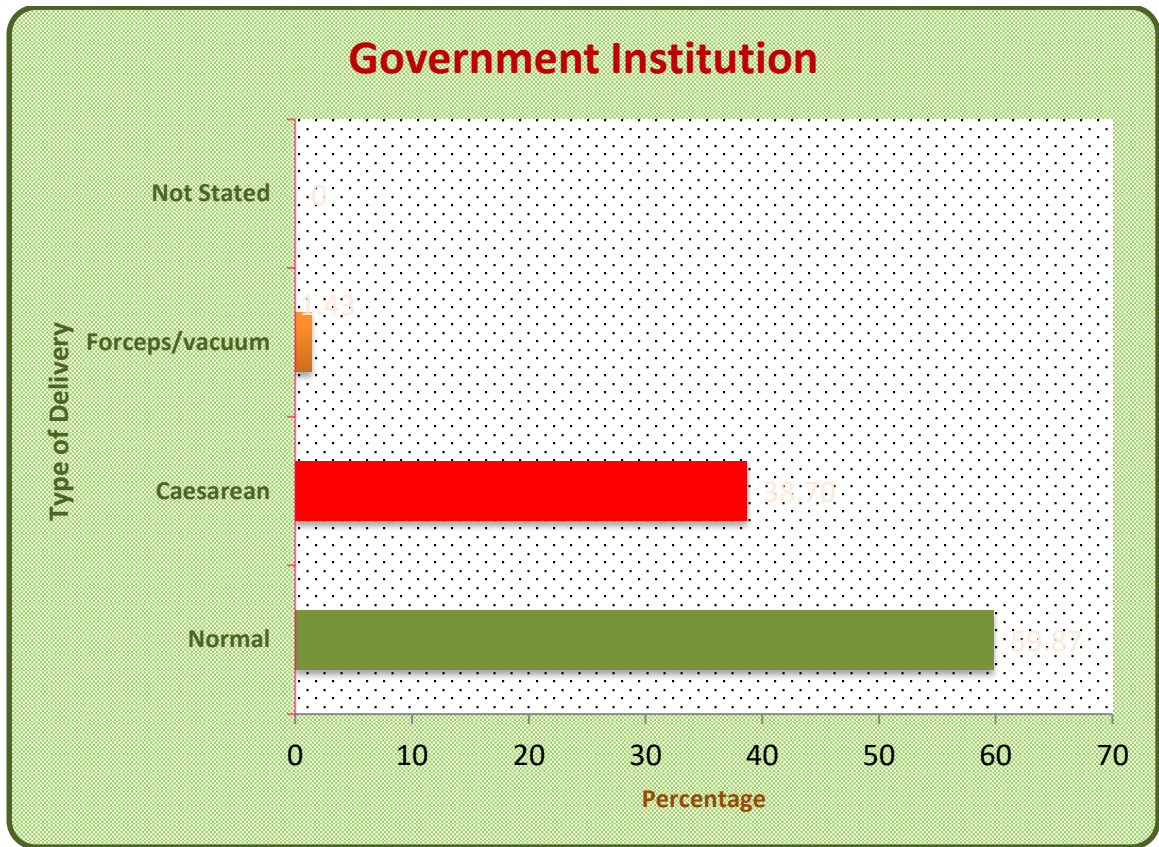
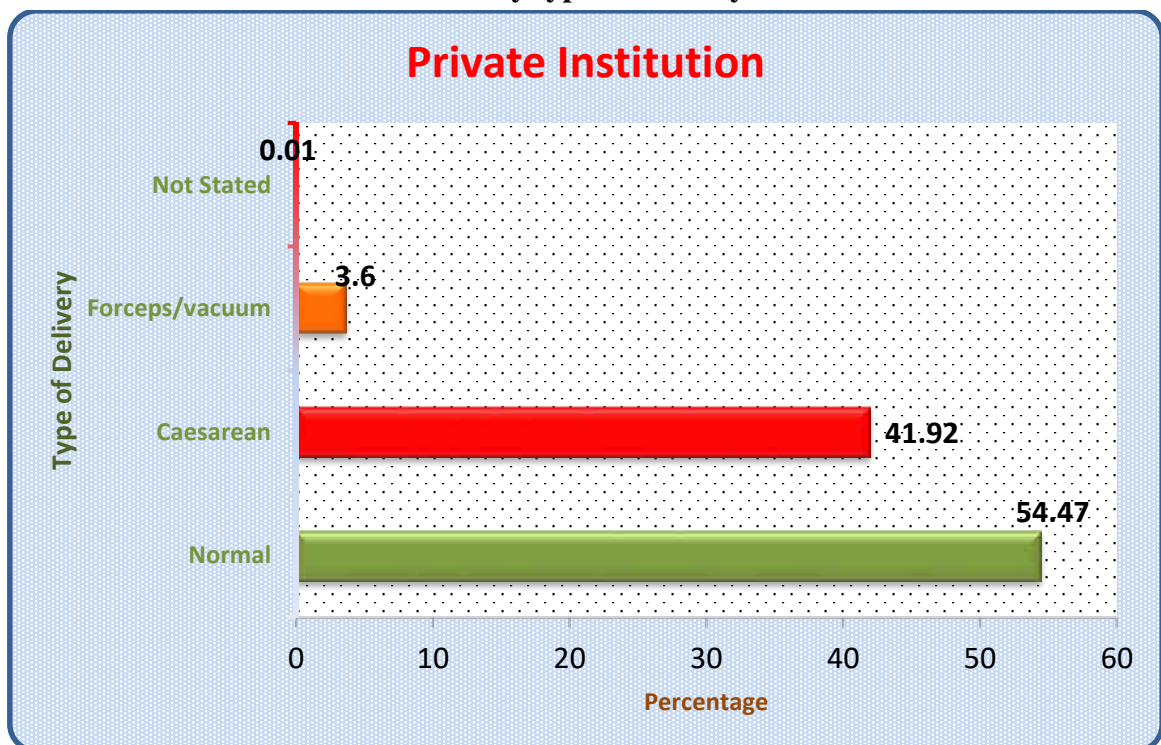


Chart -2.6(iii)- Percentage distribution of registered live births in Private Institutions by type of delivery – 2019



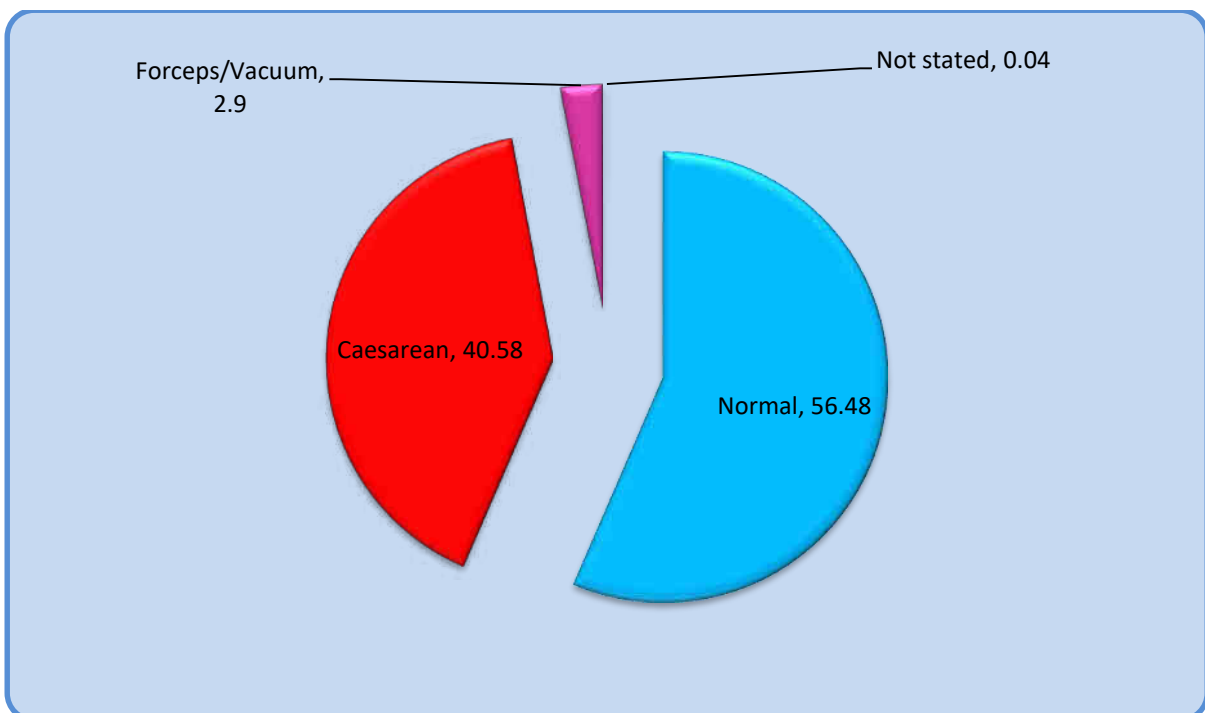
2.7. Live birth by Type of delivery and age of mother

The following Table 2.7 presents the Percentage distribution of live birth by type of delivery and age group of mother. As per the percentage of live birth registered by type of attention at delivery, 56.48% are normal deliveries and 40.58% are of Caesarean. The highest percentage of live births (36.92%) belongs to mothers in the age group 25-29, followed by the age group 20-24. In addition to this, highest percentage of normal (20.40%) as well as caesarean (15.50%) deliveries are also belongs to the 25-29 age group.

Table – 2.7
Percentage distribution of Live Birth by type of delivery and age group -2019

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	3.07	20.05	20.40	10.05	2.64	0.23	0.01	0.03	56.48
Caesarean	0	1.09	10.71	15.50	9.61	3.11	0.46	0.08	0.02	40.58
Forceps/Vacuum	0	0.21	1.2	1.02	0.37	0.09	0.01	0	0	2.90
Not stated	0	0	0	0	0	0	0	0	0.04	0.04
Total	0	4.37	31.96	36.92	20.03	5.84	0.70	0.09	0.09	100

Chart (2.7)-Percentage distribution of live birth by type of delivery -2019



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(36.92%), followed by the age group 20-24 (31.96%) and there after it declined gradually with increase in age.

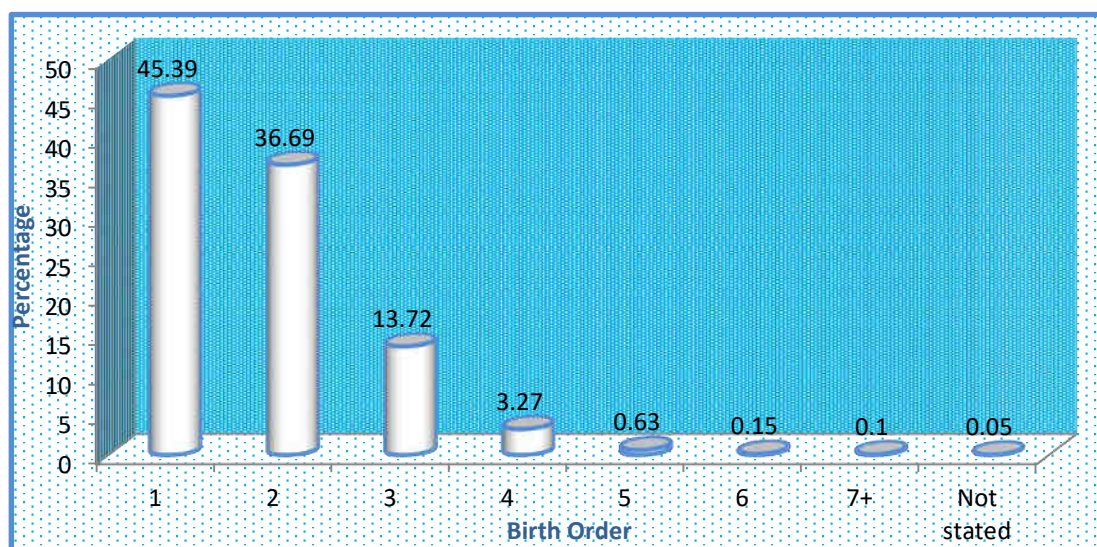
Table – 2.8

Percentage distributions of live birth by age of mother and birth order- 2019

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
15-19	4.29	0.07	0.01	0	0	0	0	0	4.37
20-24	21.54	9.22	1.09	0.09	0.01	0	0	0.01	31.96
25-29	14.67	15.61	5.75	0.77	0.08	0.02	0.01	0.01	36.92
30-34	3.75	9.23	5.17	1.53	0.27	0.05	0.03	0	20.03
35-39	0.89	2.27	1.56	0.79	0.23	0.06	0.04	0	5.84
40-44	0.18	0.23	0.13	0.08	0.04	0.02	0.02	0	0.70
45 & above	0.04	0.04	0.01	0	0	0	0	0	0.09
Age Not Stated	0.03	0.02	0	0.01	0	0	0	0.03	0.09
Total	45.39	36.69	13.72	3.27	0.63	0.15	0.10	0.05	100.00

It is observed that 45.39% of the total live births are first order births, 36.69% of total births are second order births and 13.72% are of third order births. The fourth and higher order births account for only 4.15% of total births.

Chart (2.8)-Percentage distributions of Live Birth by birth order – 2019



2.9. Live births by Educational level of mother and father

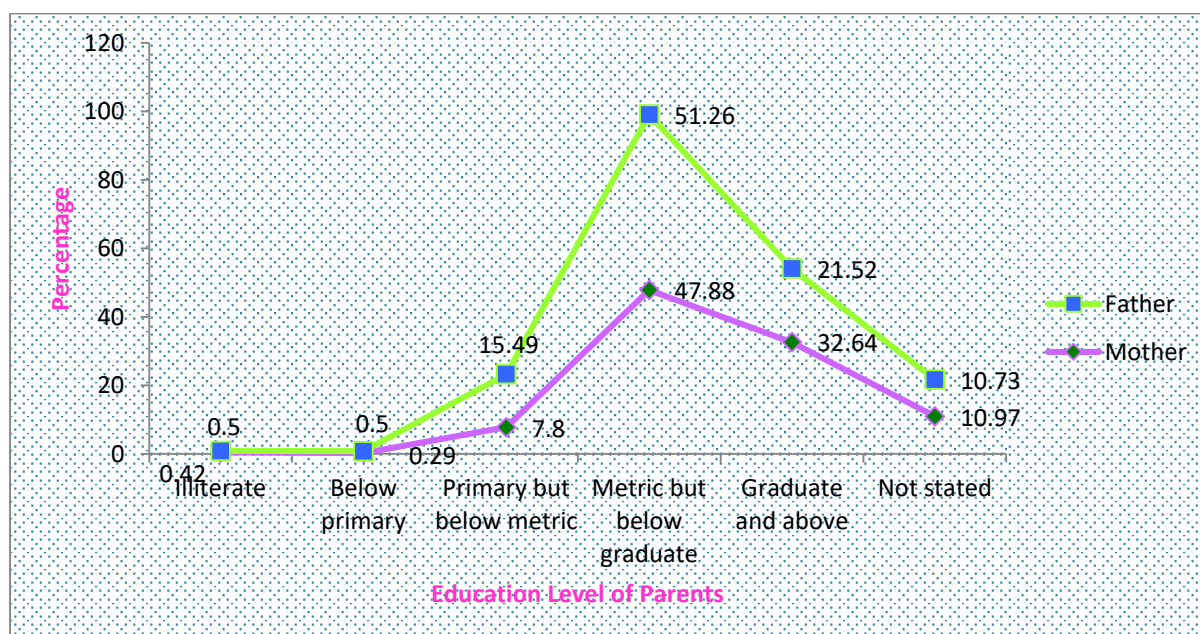
Table 2.9 shown below the percentage distribution of live births according to the level of education of father and mother. While considering the educational level of mother, highest percentage of birth is registered in the category “Metric but below graduates”, followed by “Graduate and above” and there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

Table – 2.9

Percentage distribution of Live Births by educational level of Mother and Father– 2019

<i>Education level</i>	<i>Mother</i>	<i>Father</i>
<i>Illiterate</i>	0.42	0.50
<i>Below primary</i>	0.29	0.50
<i>Primary but below metric</i>	7.80	15.49
<i>Metric but below graduate</i>	47.88	51.26
<i>Graduate and above</i>	32.64	21.52
<i>Not stated</i>	10.97	10.73
Total	100.00	100.00

Chart (2.9)-Percentage distribution of live births by educational level of parents – 2019



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 Father and Mother. 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 Father & Mother.

Table – 2.10
Percentage distribution of Live birth by occupation of Father & Mother-2019

<i>Occupation</i>	<i>Father</i>	<i>Mother</i>
Professional, Technical and related workers	0.10	0.10
Administrative, Executive and Managerial Workers	0.87	0.19
Clerical and Related Workers	0.76	0.25
Sales Workers	3.29	0.06
Service Workers	1.99	0.24
Farmers, Fishers, Hunters, Loggers & related workers	3.15	0.14
Production and other related workers, transport & other equipment operators & labourers	26.29	0.31
Workers whose occupation are not elsewhere classified	45.95	17.31
Non Workers	2.95	59.98
Not Stated	14.65	21.42

Chart-2.10(i)-Percentage distribution of Live birth by occupation of Father-2019

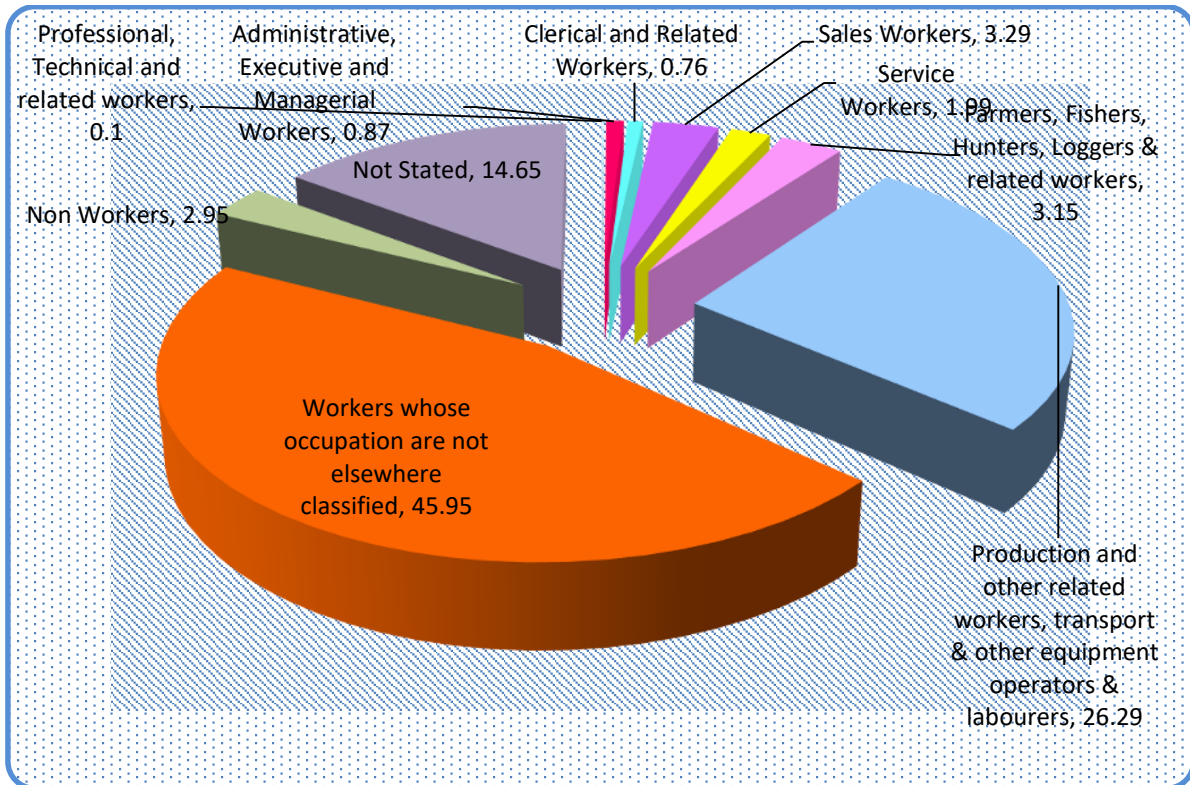
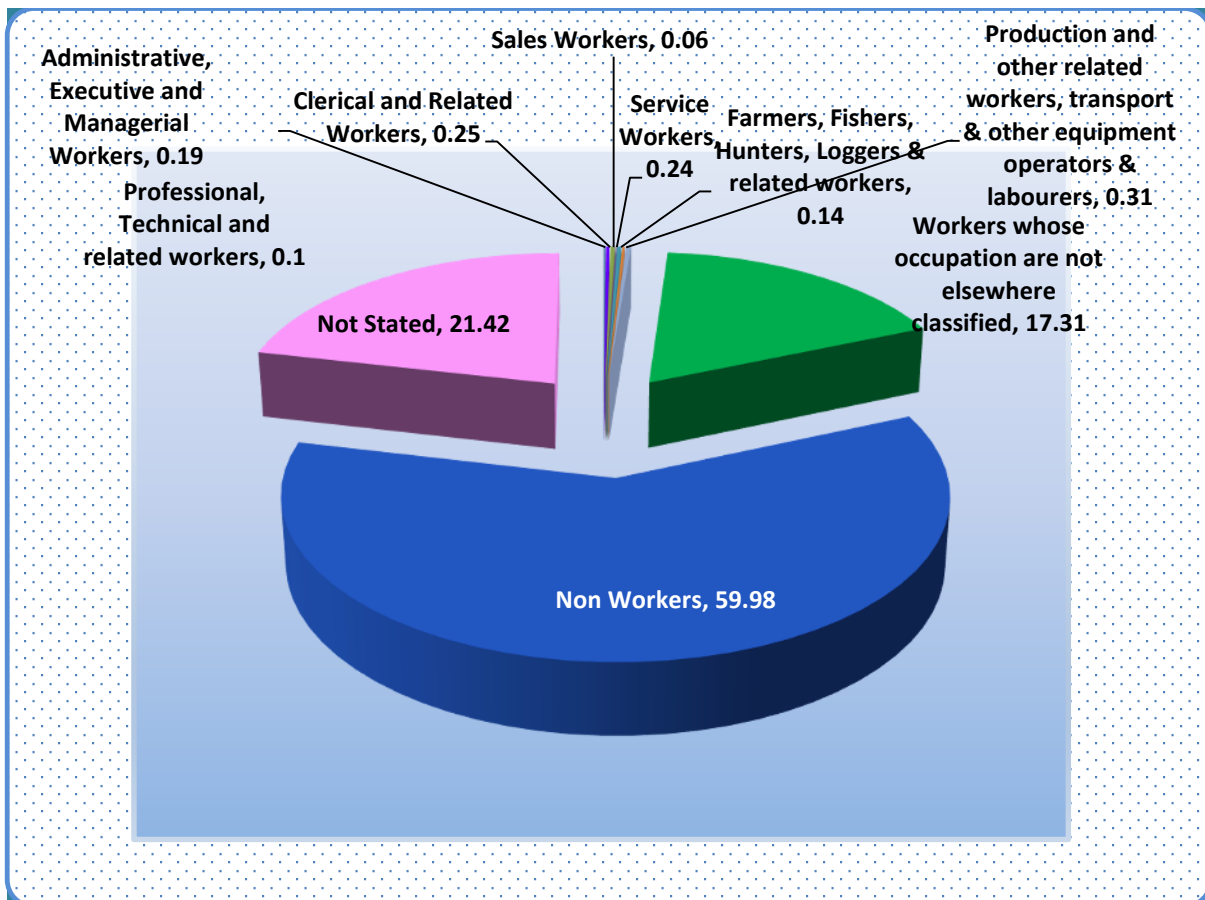


Chart-2.10(ii)-Percentage distribution of Live birth by occupation of Mother-2019



2.11. Live birth by duration of marriage and birth order

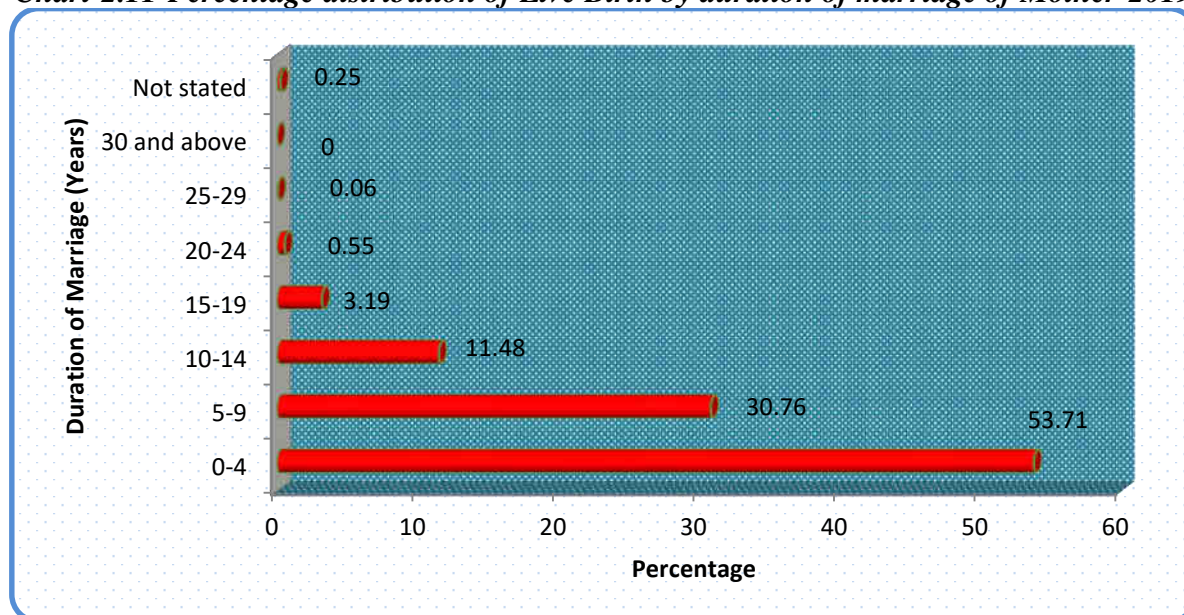
Following Table 2.11 presents the percentage distribution of live birth by duration of marriage of mother and birth order. It reveals that 53.71% - of births were occurred to young couples having duration of marriage 0-4 years and 30.76 % of live births within 5-9 years after marriage. Obviously higher proportion of births (45.39%) 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 -2019

Duration of marriage (Years)	Birth order					
	1	2	3	4+	Not stated	Total
0-4	40.98	11.99	0.67	0.06	0.01	53.71
05-09	3.44	20.25	6.38	0.69	0	30.76
10-14	0.65	3.77	5.3	1.76	0	11.48
15-19	0.16	0.54	1.2	1.29	0	3.19
20-24	0.04	0.07	0.13	0.31	0	0.55
25-29	0.01	0.01	0.01	0.03	0	0.06
30 and above	0	0	0	0	0	0
Not stated	0.11	0.06	0.03	0.01	0.04	0.25
Total	45.39	36.69	13.72	4.15	0.05	100

Chart-2.11-Percentage distribution of Live Birth by duration of marriage of Mother-2019



2.12. Live births by duration of pregnancy and birth weight

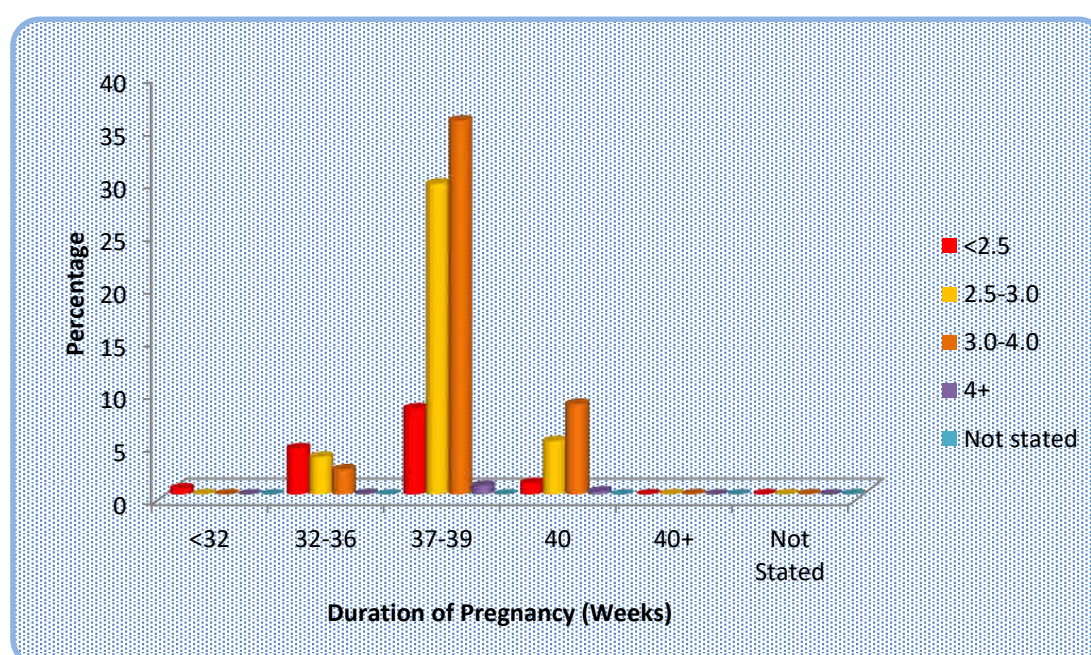
One of the important causes of still birth and infant death is due to premature delivery. Again premature babies having low birth weight (less than 2.5kg) are susceptible to diseases. Out of the total live birth registered during the year 2019, 14.22% were born with low birth weight. A clear association between duration of pregnancy and birth weight can be observed in the following Table 2.12. It is seen that 38.13% of babies having birth weight between 2.500-3.000 kg and 46.45% of babies having weight between 3.000 - 4.000 kg and only 1.16% of babies having birth weight above 4kg. Also it can be seen that 73.82% deliveries were occurred within the pregnancy period of 37-39 weeks and 0.64% 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 -2019

Duration of pregnancy (weeks)	Birth weight (Kg)					Total
	<2.5	2.5-3.0	3.0-4.0	4+	Not stated	
<32	0.57	0.04	0.03	0	0	0.64
32-36	4.38	3.56	2.37	0.06	0	10.37
37-39	8.16	29.42	35.4	0.83	0.01	73.82
40	1.07	5.05	8.58	0.27	0	14.97
40+	0.01	0.03	0.04	0	0	0.08
Not Stated	0.03	0.03	0.03	0	0.03	0.12
Total	14.22	38.13	46.45	1.16	0.04	100

Chart-(2.12)- Percentage distribution of Live Birth by duration of pregnancy and Birth weight 2019



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, 14.22% 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 (4.84%), followed by the age group 20-24 and 30-34. It is also observed that highest percentage of babies (46.45%) have the weight of 3.000-4.000 kg and in this category, it is more in the mothers age group 25-29 (17.72%).

Table 2.13
Percentage distribution of live birth by age of mother and birth weight - 2019

Age of mother (years)	Birth weight (Kg)					Total
	<2.5	2.5-3	3-4	4+	Not stated	
<15	0.00	0.00	0.00	0.00	0.00	0.00
15-19	0.67	1.84	1.83	0.03	0.00	4.37
20-24	4.49	12.54	14.63	0.30	0.00	31.96
25-29	4.84	13.89	17.72	0.46	0.01	36.92
30-34	2.89	7.41	9.45	0.28	0.00	20.03
35-39	1.06	2.16	2.54	0.08	0.00	5.84
40-44	0.20	0.25	0.24	0.01	0.00	0.70
45 and above	0.05	0.02	0.02	0.00	0.00	0.09
Not stated	0.02	0.02	0.02	0.00	0.03	0.09
Total	14.22	38.13	46.45	1.16	0.04	100.00

Chart-2.13(i) Percentage distribution of Live Birth by birth weight-2019

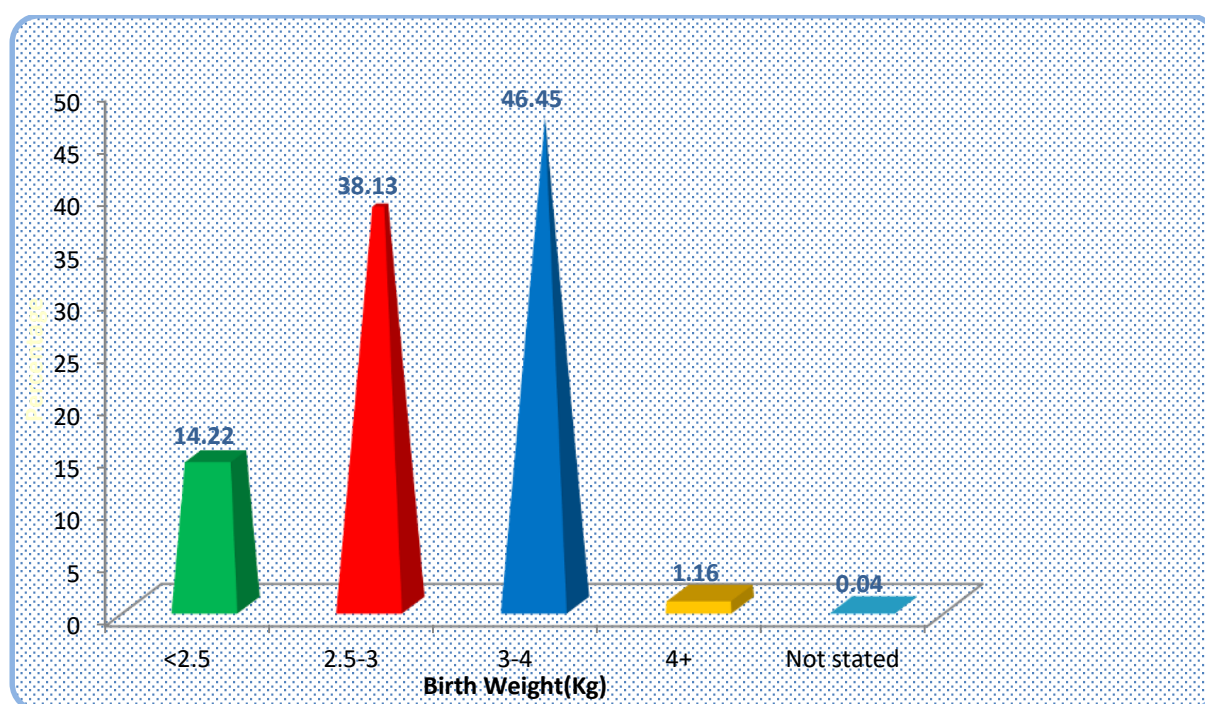
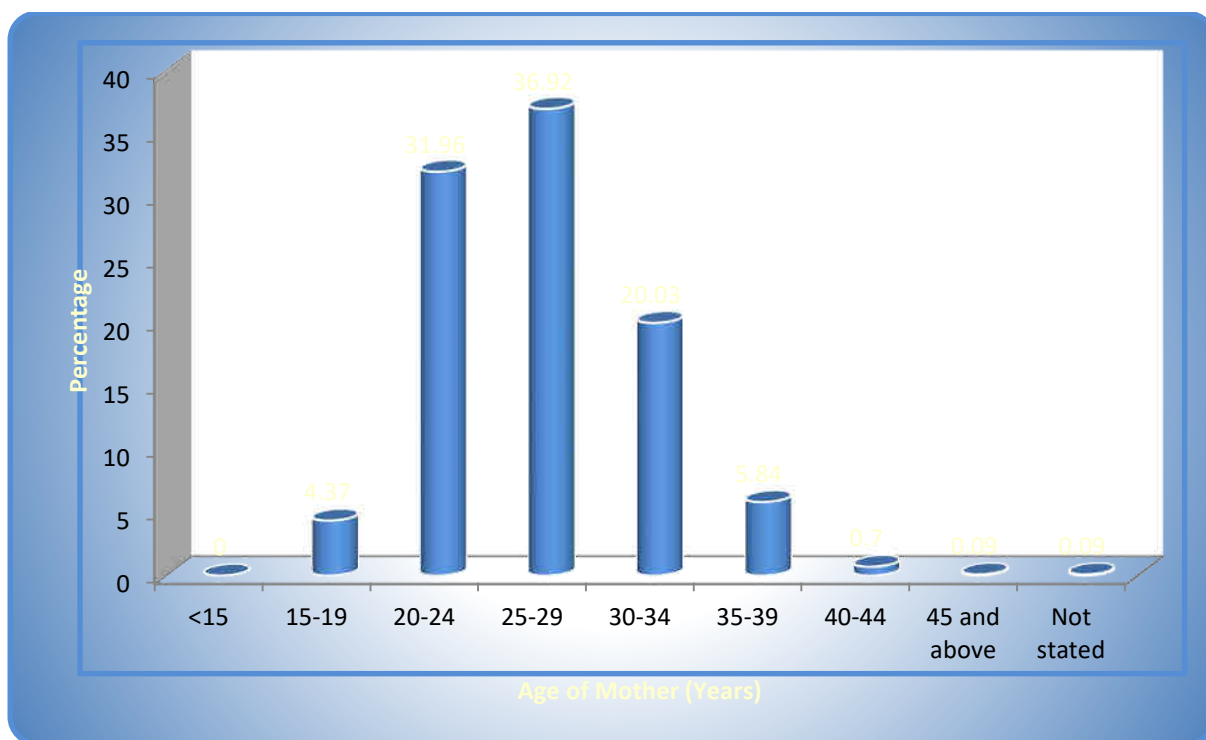


Chart-2.13(ii) Percentage distribution of Live Birth by age of Mother-2019



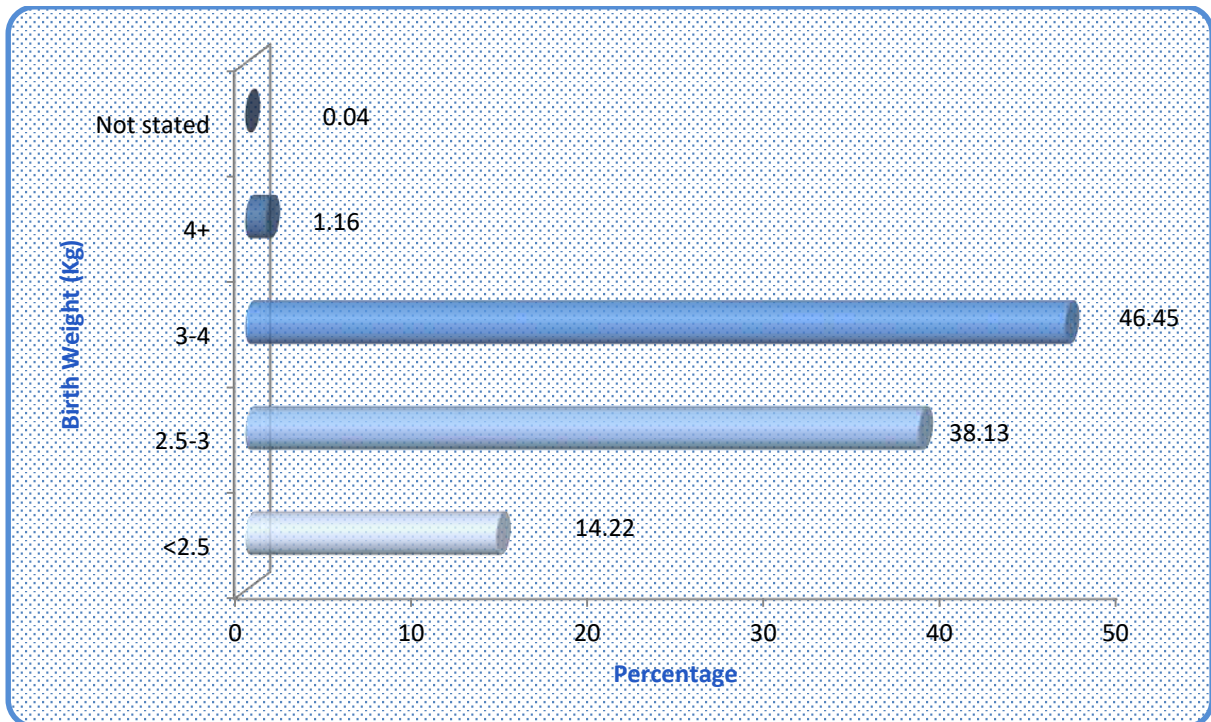
2.14 Live birth by birth order and birth weight

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-2019

<i>Birth order</i>	<i>Birth weight (Kg)</i>					<i>Total</i>
	<i><2.5</i>	<i>2.5-3</i>	<i>3-4</i>	<i>4+</i>	<i>Not stated</i>	
<i>1</i>	6.6	17.71	20.62	0.45	0.01	45.39
<i>2</i>	5.15	13.95	17.14	0.44	0.01	36.69
<i>3</i>	1.86	5.04	6.62	0.20	0	13.72
<i>4+</i>	0.6	1.42	2.06	0.07	0	4.15
<i>Not stated</i>	0.01	0.01	0.01	0	0.02	0.05
<i>Total</i>	14.22	38.13	46.45	1.16	0.04	100

Chart-(2.14)-Percentage distribution of Live Birth by birth weight-2019



Chapter -3
Analysis of Vital Events – Deaths

3.1. Registered Deaths

In the year 2019, a total of 270567 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 54.84%. (148399) and females constitute 45.15% (122154) which shows that male deaths registered during 2019 were more than that of female death.

The Rural /Urban classification reveals that out of total deaths registered during the year 2019, rural area represents 63.77% and that of urban area is 36.23%. 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-2019

Sex	No of registered deaths	%
Male	148399	54.84
Female	122154	45.15
Sex not stated	14	0.01
Total	270567	100

Chart-3.1(i)-Percentage Distribution of deaths by sex, Kerala-2019

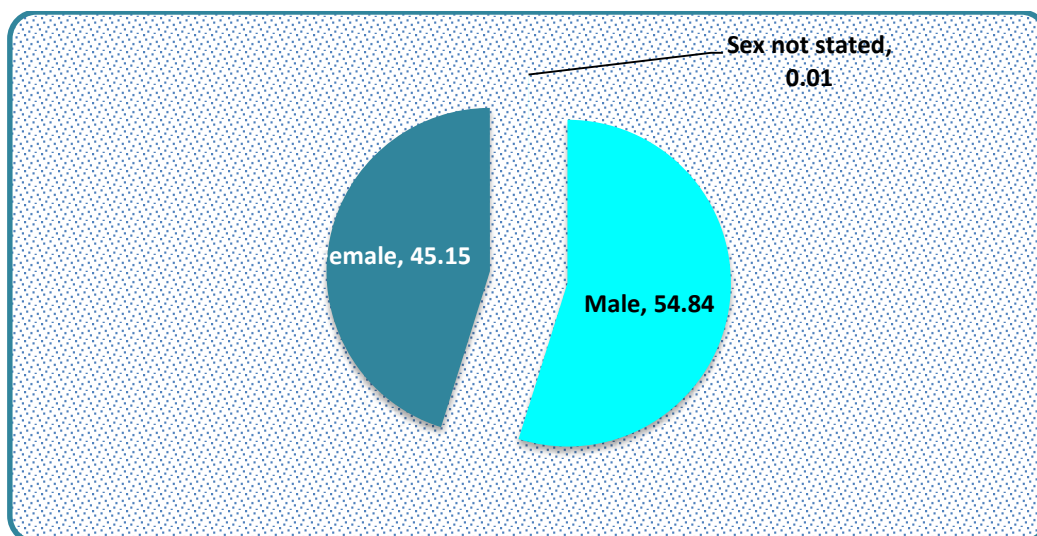
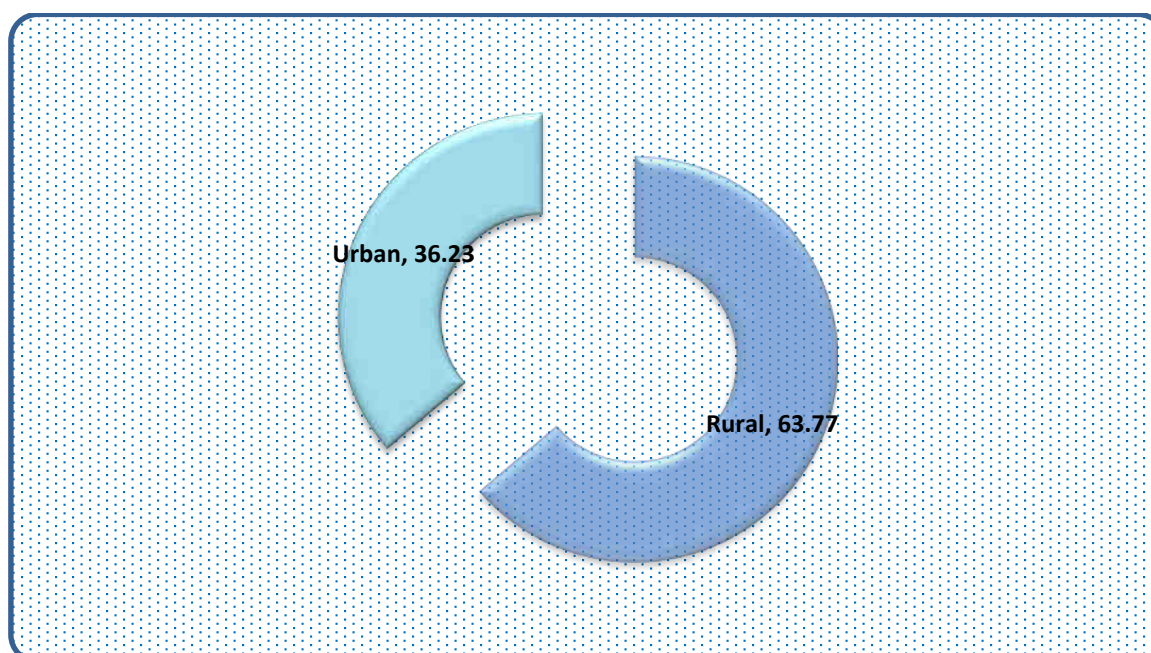


Table - 3. 1(ii)
Percentage Distribution of deaths by Rural & Urban, Kerala-2019

<i>Rural/Urban</i>	<i>No of registered deaths</i>	<i>%</i>
Rural	172544	63.77
Urban	98023	36.23
Total	270567	100

Chart-3.1(ii)-Percentage Distribution of deaths by Rural & Urban, Kerala-2019



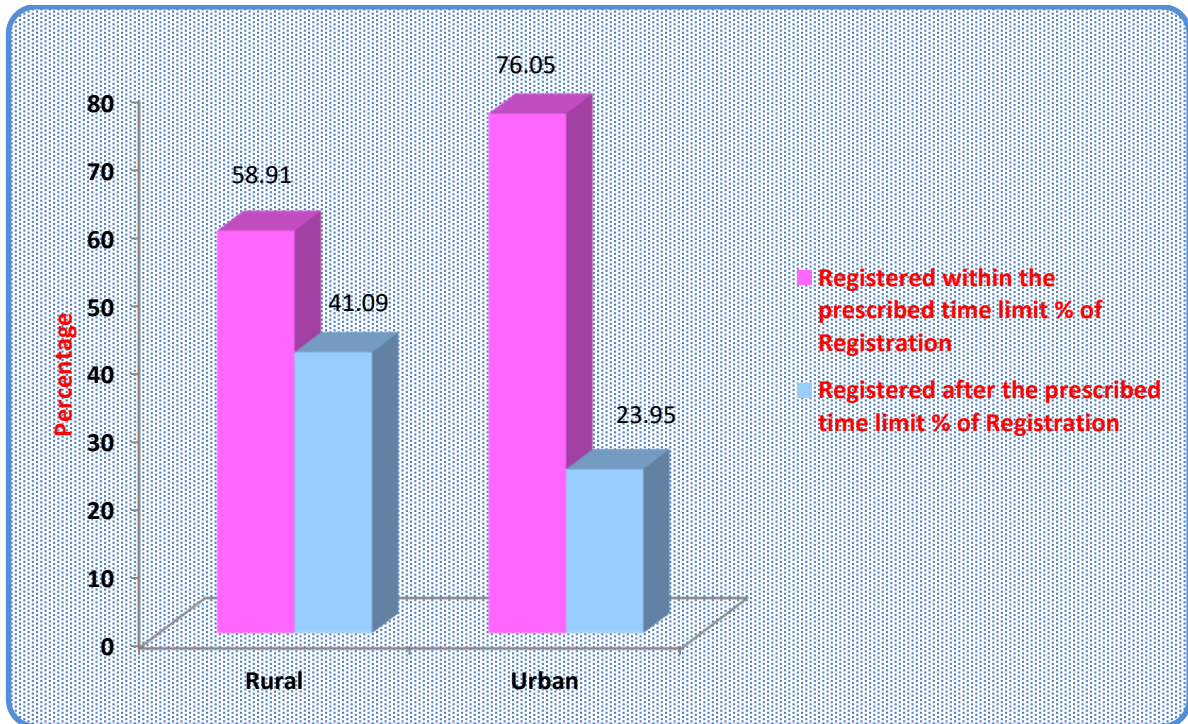
3.2. Time Gap in Registration

During the year 2019, out of 270567 deaths registered, 176192 deaths (65.12%) were registered within the prescribed time limit (within 21 days of occurrence) and the remaining 94375 deaths (34.88%) registered after the prescribed time period. Percentage of registration within the prescribed time limits of 21 days in Rural and urban areas are 58.91% and 76.05% respectively. Similarly the percentage of delayed registration in rural and urban areas is 41.09% and 23.95% respectively. Detailed report is presented in Tables D3(i), D3(ii) & D3(iii).

Table - 3.2
Time Gap in Registration of deaths by Area-2019

<i>Rural/ Urban</i>	<i>No of registered deaths</i>	<i>Registered within the prescribed time limit</i>		<i>Registered after the prescribed time limit</i>	
		<i>No. of Deaths</i>	<i>% of Registration</i>	<i>No. of Deaths</i>	<i>% of Registration</i>
<i>Rural</i>	172544	101650	58.91	70894	41.09
<i>Urban</i>	98023	74542	76.05	23481	23.95
<i>Total</i>	270567	176192	65.12	94375	34.88

Chart –(3.2) -Time Gap in Registration of deaths by Area -2019



3.3. Deaths by month of occurrence

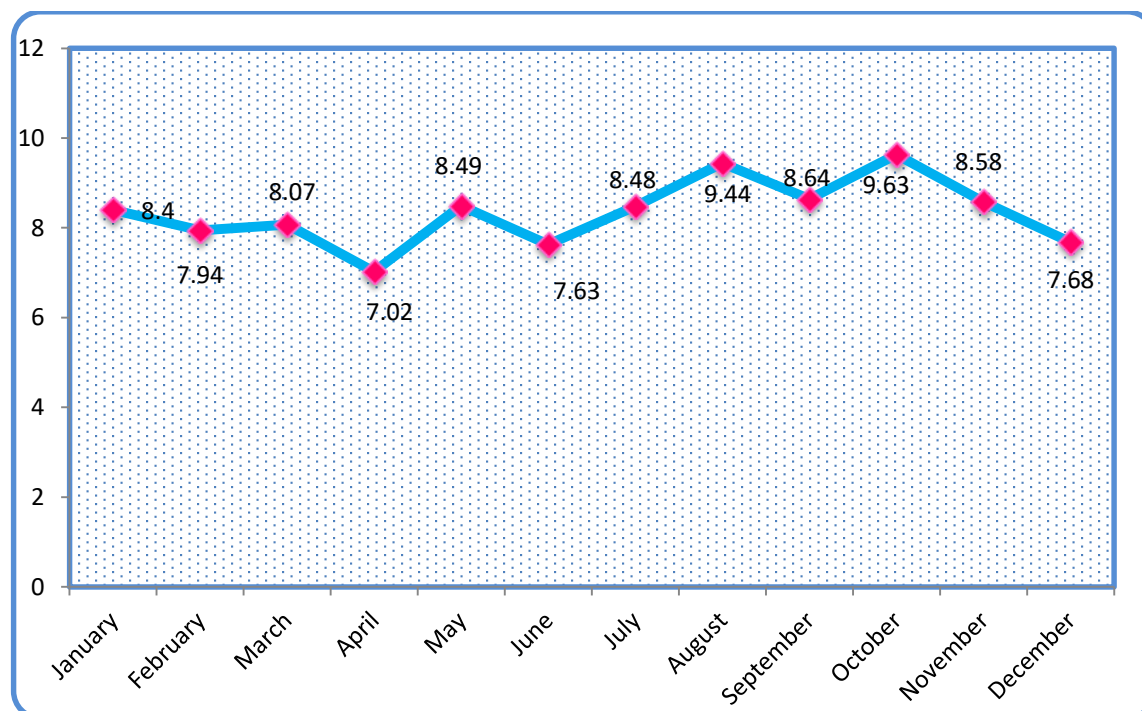
In 2019, highest number of deaths occurred in the month of October with 26039 (9.63%) of the total deaths in the State. It was followed by the months of August (9.44%), September (8.64%), and November (8.58%). The month of April had the least number of deaths (7.02%).

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 -2019

<i>Months</i>	<i>No of deaths registered</i>	<i>Percentage</i>
<i>January</i>	22733	8.40
<i>February</i>	21494	7.94
<i>March</i>	21844	8.07
<i>April</i>	18990	7.02
<i>May</i>	22984	8.49
<i>June</i>	20642	7.63
<i>July</i>	22942	8.48
<i>August</i>	25541	9.44
<i>September</i>	23376	8.64
<i>October</i>	26039	9.63
<i>November</i>	23220	8.58
<i>December</i>	20762	7.68
<i>Total</i>	<i>270567</i>	<i>100</i>

Chart (3.3)-Percentage Distribution of Deaths by the months of occurrence - 2019



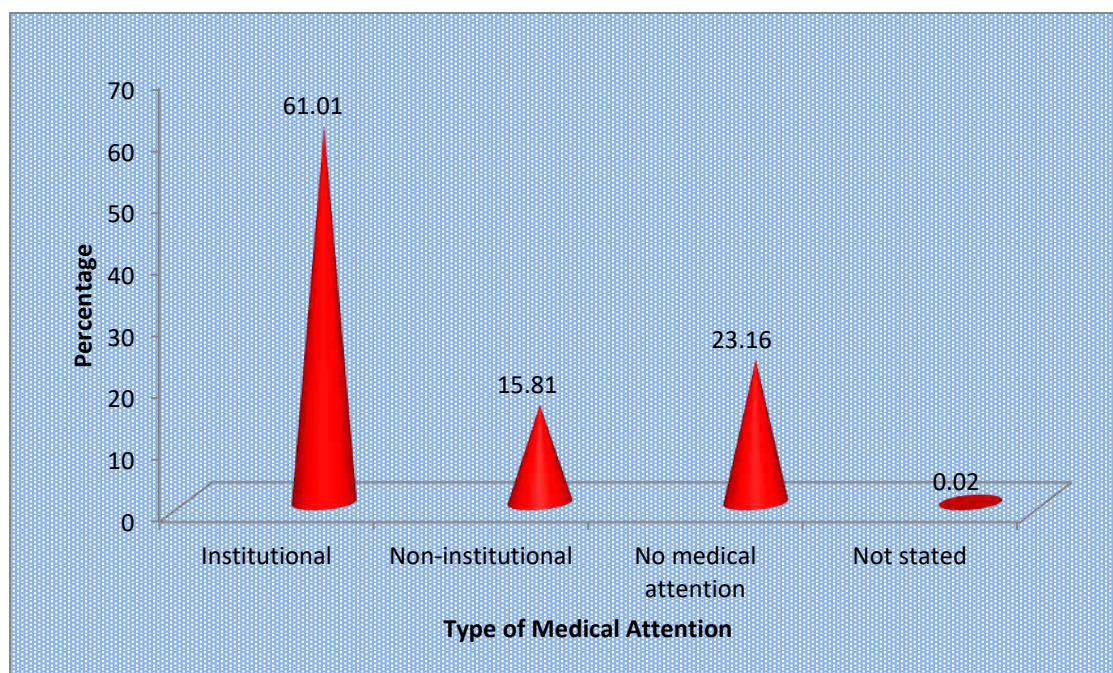
3.4. Medical attention received at the time of death

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 61.01% of total registered deaths have occurred in institutions and 15.81% in Non Institutions. Out of 61.01% of institutional deaths, 32.74% of deaths were reported from rural areas and 28.27% deaths from urban areas. Similarly in the case of 15.81% of Non-institutional deaths, share of rural and urban sectors are 12.65% and 3.16% respectively. It is also seen that percentage of events in rural area is higher than that of urban area. Another feature observed is that 23.16% 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- 2019

<i>Rural/Urban</i>	<i>Institutional</i>	<i>Non-institutional</i>	<i>No medical attention</i>	<i>Not stated</i>	<i>Total</i>
Rural	32.74	12.65	18.37	0.01	63.77
Urban	28.27	3.16	4.79	0.01	36.23
Total	61.01	15.81	23.16	0.02	100.00

Chart-3.4(i)-Percentage Distribution of deaths by type of medical attention at death Kerala-2019



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 172544 deaths in rural areas, 51.34 per cent of deaths occurred at institutions and 19.84 per cent at non institutions. Similarly out of 98023 deaths in urban areas, share of deaths in institutions and non-institutions are 78.03 % and 8.72% respectively. Also, 28.81 per cent of deaths in rural areas and 13.21% 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 -2019

<i>Rural/Urban</i>	<i>Institutional</i>	<i>Non-institutional</i>	<i>No medical attention</i>	<i>Not stated</i>	<i>Total</i>
<i>Rural</i>	51.34	19.84	28.81	0.01	100
<i>Urban</i>	78.03	8.72	13.21	0.04	100

Chart -3.4.ii(a)- Percentage Distribution of deaths by type of medical attention at death- Rural-2019

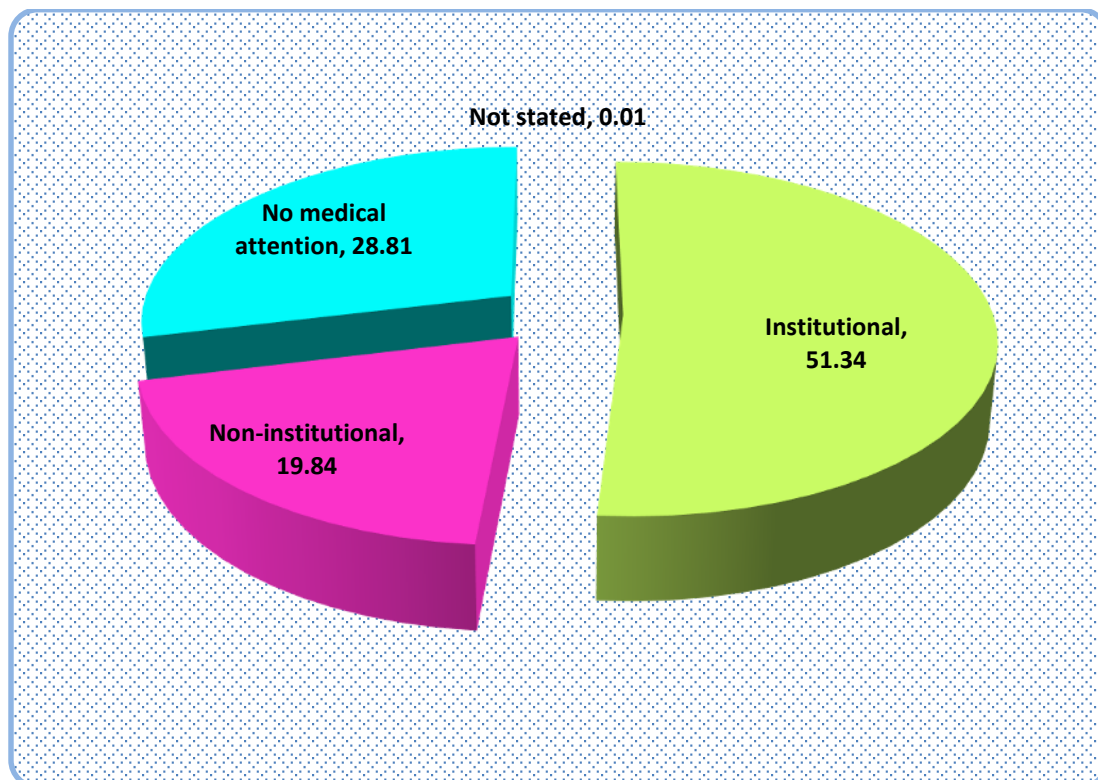
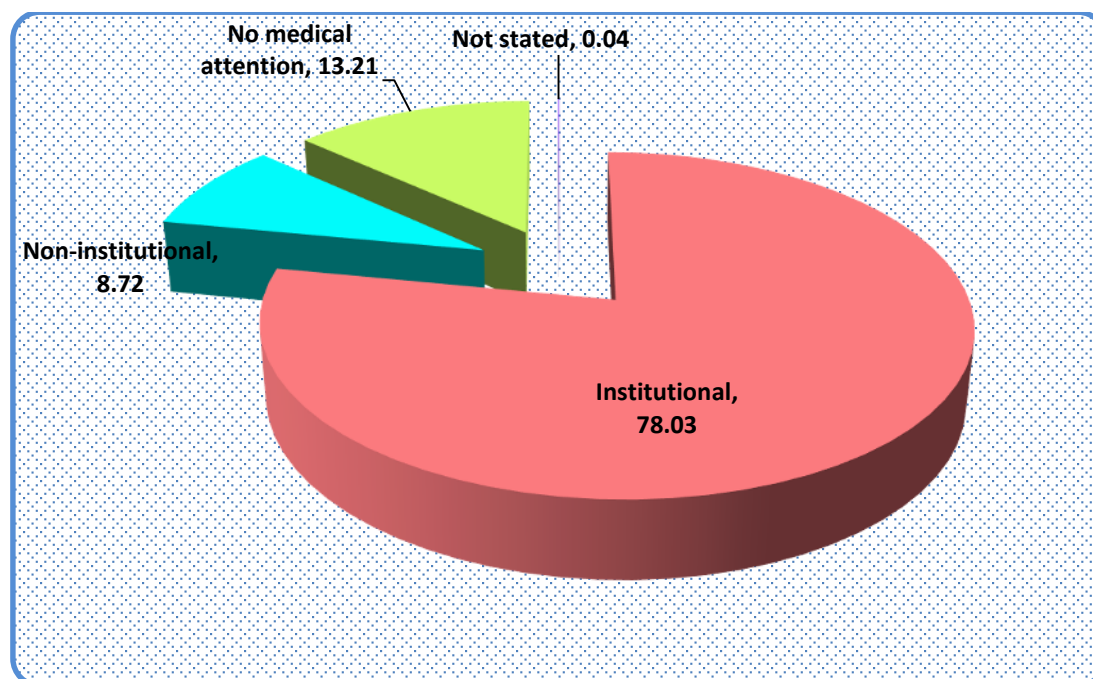


Chart-3.4.ii (b)- Percentage Distribution of deaths by type of medical attention at death-Urban-2019



3.5. Deaths by age and sex

The table -3.5 given below shows the percentage of death by different age group and sex. Among different age groups, highest percentage of death (57.26%) was in the age group 70+ years followed by 15.41% 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 -2019

Age	Male	Female	Not Reported	Total
<1	0.50	0.41	0	0.91
1-4	0.12	0.10	0	0.22
5-14	0.21	0.14	0	0.35
15-24	0.88	0.36	0	1.24
25-34	1.22	0.47	0	1.69
35-44	2.33	0.97	0	3.30
45-54	5.50	2.43	0	7.93
55-64	10.28	5.13	0	15.41
65-69	7.24	4.29	0	11.53
70+	26.48	30.78	0	57.26
Age not stated	0.09	0.07	0	0.16
Total	54.85	45.15	0	100

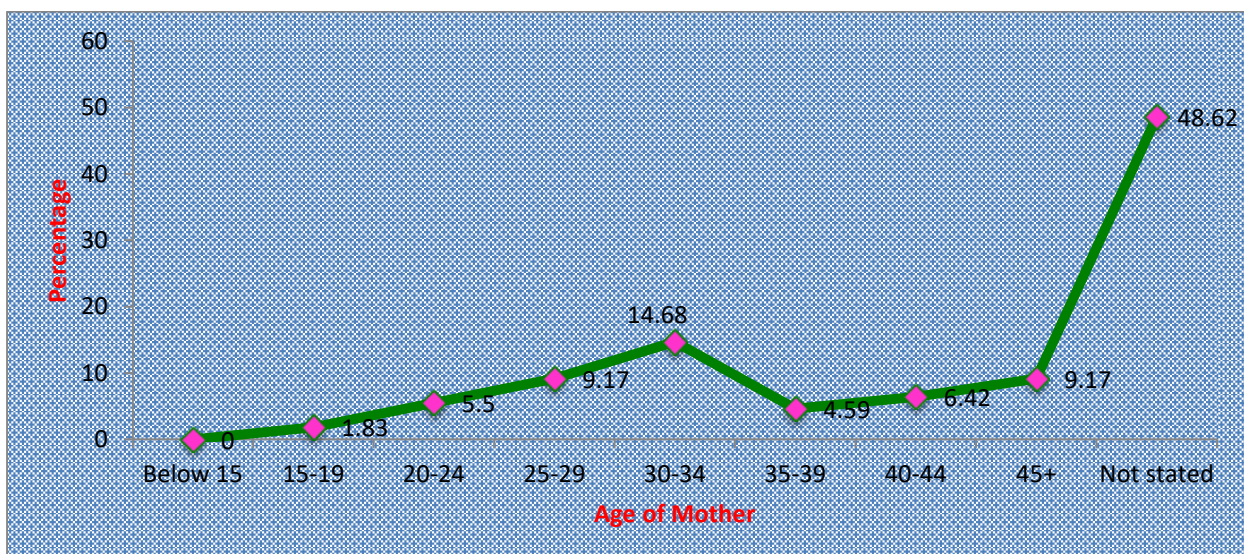
3.6. Maternal Deaths by age of Mother

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 2019. While considering the maternal death occurred in different age groups, it reveals that out of total maternal deaths registered, highest percentage (14.68%) of maternal deaths have been reported in the age group “30-34”, followed by the age group 25-29 and 45 & above (9.17%) and the age group 40-44 (6.42%).

Table -3.6
Percentage distribution of maternal death by age-2019

Age of mother	Number of maternal death	%
Below 15	0	0.00
15-19	2	1.83
20-24	6	5.50
25-29	10	9.17
30-34	16	14.68
35-39	5	4.59
40-44	7	6.42
45+	10	9.17
Not stated	53	48.62
Total	109	100

Chart-3.6-Percentage distribution of maternal death by age- 2019



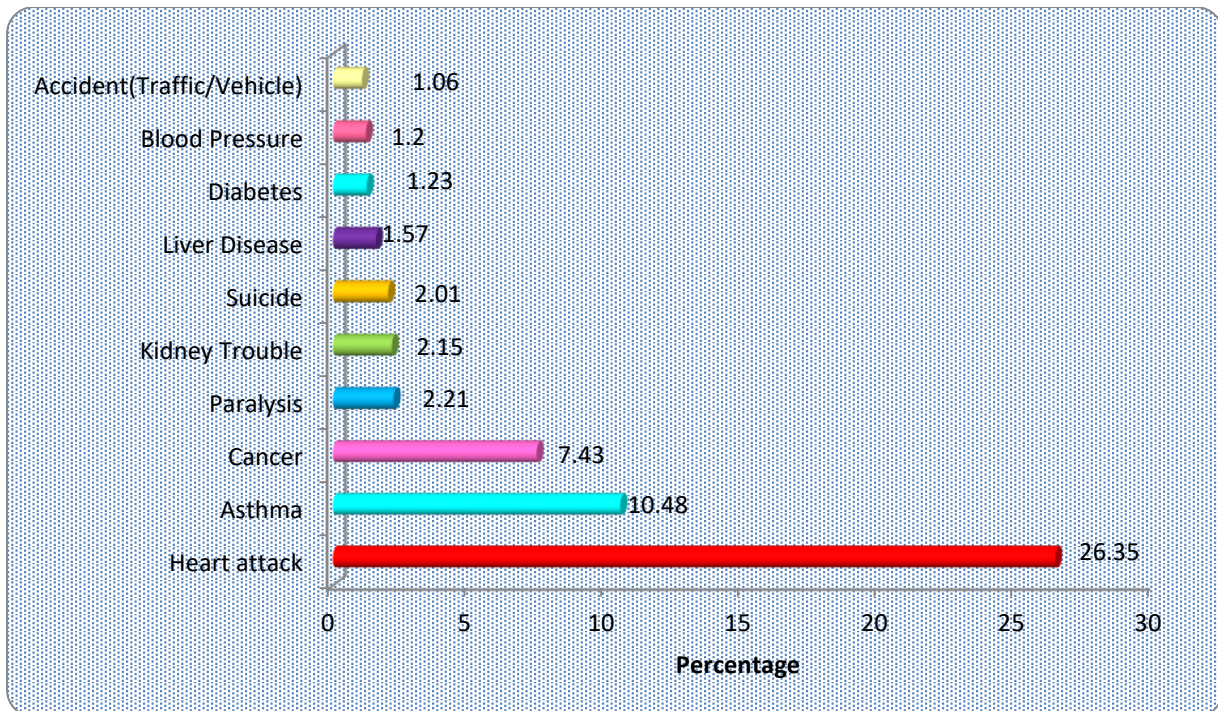
3.7. Cause of Deaths by age and sex

The following table 3.7 presents the details of top 10 leading causes of death in the State during the year 2019. Overall, the leading cause of death is Heart attacks, followed by Asthma and Cancer. Out of 270567 registered deaths, percentage of deaths due to Heart attacks is 26.35%, followed by Asthma (10.48%), Cancer (7.43%), Paralysis (2.21%), Kidney Trouble (2.15%) & 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 1.06%.

Table - 3.7
Percentage distribution of death by sex and some cause of deaths -2019

Cause of death	Male	Female	Total
Cancer	4.41	3.02	7.43
Diabetes	0.58	0.65	1.23
Heart attack	15.81	10.54	26.35
Asthma	5.21	5.27	10.48
Liver Disease	1.09	0.48	1.57
Paralysis	1.07	1.15	2.21
Accident(Traffic/Vehicle)	0.91	0.16	1.06
Suicide	1.61	0.40	2.01
Blood Pressure	0.54	0.66	1.20
Kidney Trouble	1.27	0.88	2.15

Chart- Percentage distribution of death by some causes of death-2019



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 2019 has been given in the following Table 4.1(i). It may be observed that the share of rural area is only 35.65% while that of urban area is 64.35% in total registered infant deaths during the year. At the state level, the percentage share of infant deaths to total deaths in the year 2019 is 0.92%

Also, the Table 4.1.(ii) shows the Percentage distribution of infant deaths by sex. It is seen that out of 2488 infant deaths, male death is 1358 (54.58%), where as that of female death is 1122 (45.10%) and the remaining 8 deaths(0.32%), sex is not reported. The share of female infant deaths in total female deaths is 0.92% while the same for male is also 0.92%.

Table-4.1(i)
Percentage distribution of infant deaths by place of occurrence-2019

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	172544	887	35.65	0.51
Urban	98023	1601	64.35	1.63
Total	270567	2488	100.00	0.92

Chart-4.1(i)-Percentage distribution of infant deaths (Rural/Urban) 2019

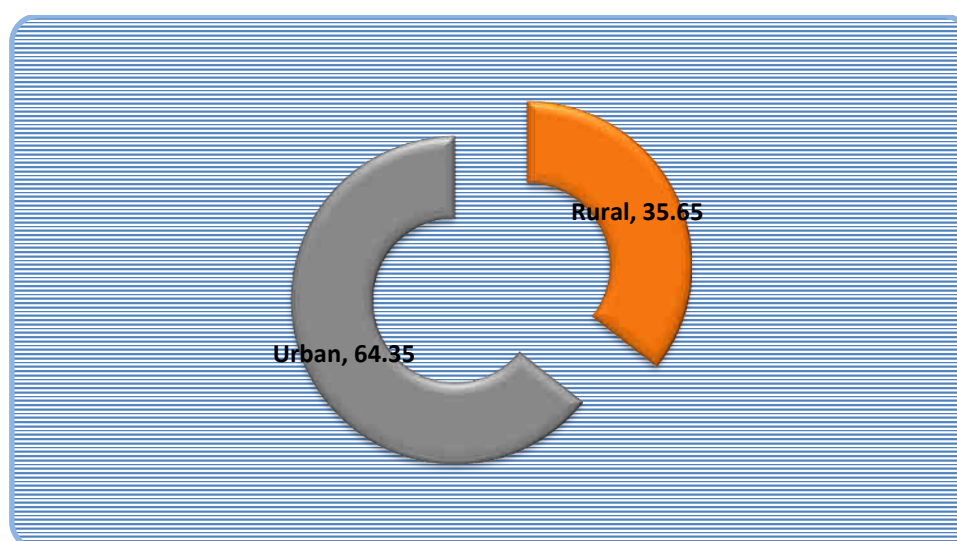
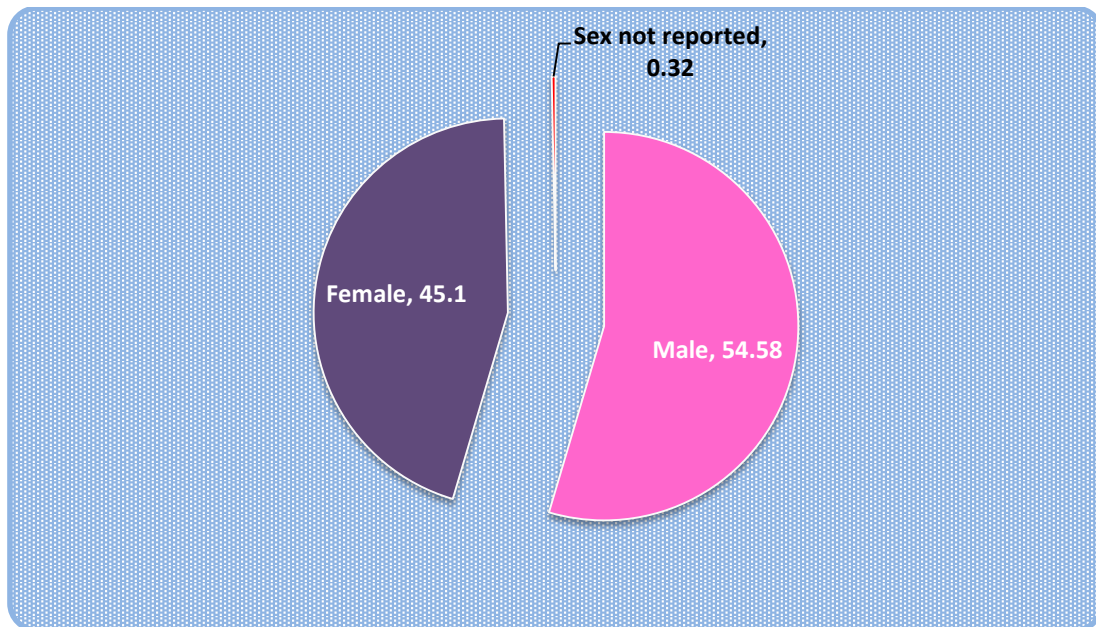


Table-4.1.(ii) Percentage distribution of infant deaths by sex in Kerala 2019

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	148399	1358	54.58	0.92
Female	122154	1122	45.10	0.92
Sex not reported	14	8	0.32	57.14
Total	270567	2488	100.00	0.92

Chart(4.1.ii)- Percentage distribution of infant deaths by sex in Kerala-2019



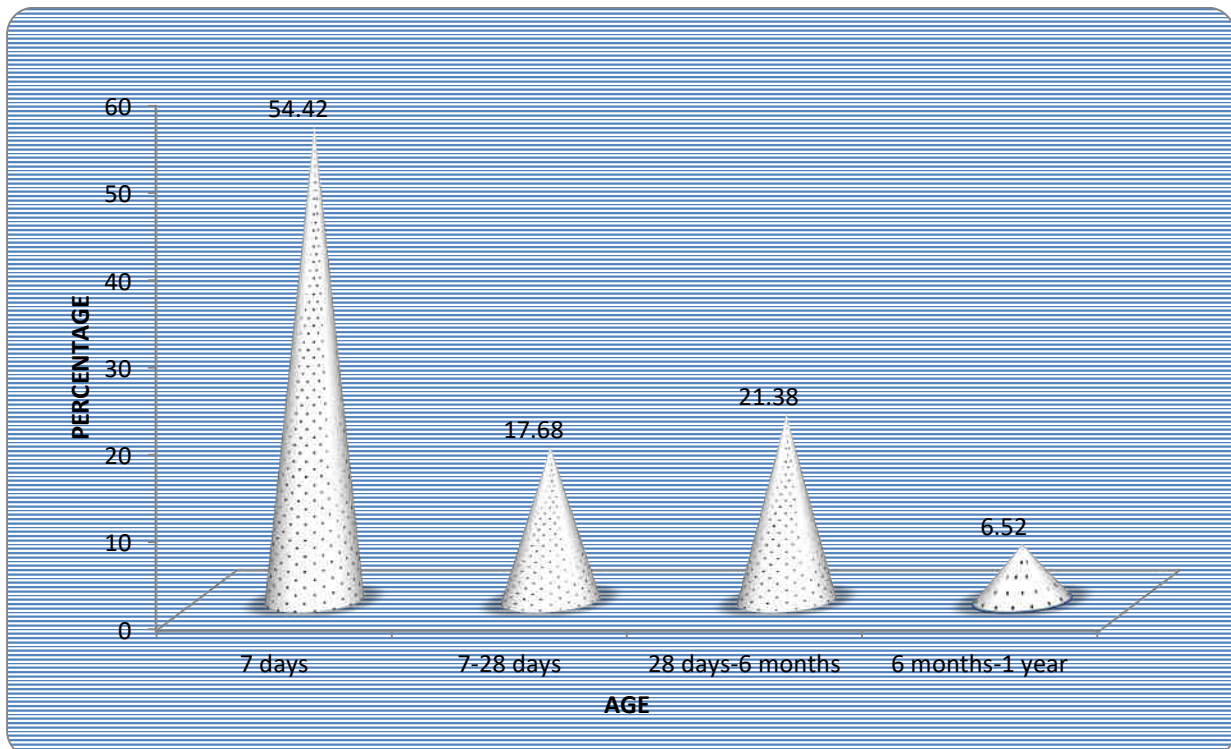
4.2. Infant Deaths by age

Percentage distribution of infant death by age group is presented in the following Table 4.2. The data reveals that 54.42% of infant deaths have been occurred to the infants aged less than seven days. 17.68% of infant death belongs to the age group 7-28 days and 21.38% 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 -2019

<i>Age</i>	<i>Rural</i>	<i>Urban</i>	<i>Total</i>
<i>7 days</i>	<i>17.4</i>	<i>37.02</i>	<i>54.42</i>
<i>7-28 days</i>	<i>6.83</i>	<i>10.85</i>	<i>17.68</i>
<i>28 days-6 months</i>	<i>8.56</i>	<i>12.82</i>	<i>21.38</i>
<i>6 months-1 year</i>	<i>2.85</i>	<i>3.67</i>	<i>6.52</i>
<i>Total</i>	<i>35.64</i>	<i>64.36</i>	<i>100.00</i>

Chart-4.2-Percentage distribution of infant death by age -2019



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 2019, a total of 1976 still births comprising of 1058 males (53.54%), 902 females (45.65%) and 16 sex not reported (0.81%) 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 2019. It may be observed that out of total registered still births, 29.05% is in rural areas and 70.95% in urban areas.

Table - 5.1(i)

Percentage distribution of registered still births by sex in Kerala-2019

Sex	Still births registered	%
Male	1058	53.54
Female	902	45.65
Sex Not reported	16	0.81
Total	1976	100.00

Chart-5.1(i)-Percentage distribution of registered still births by sex -2019

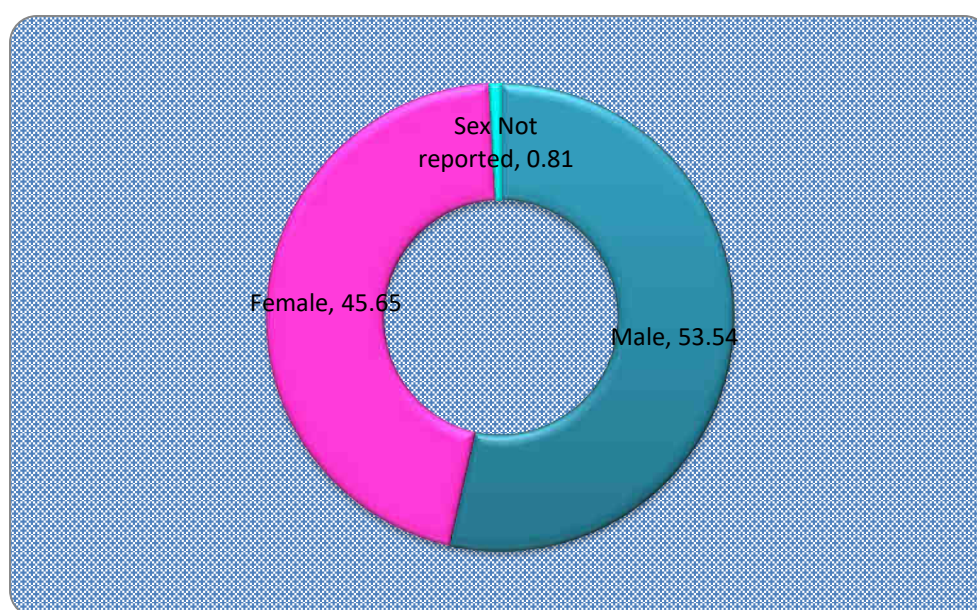
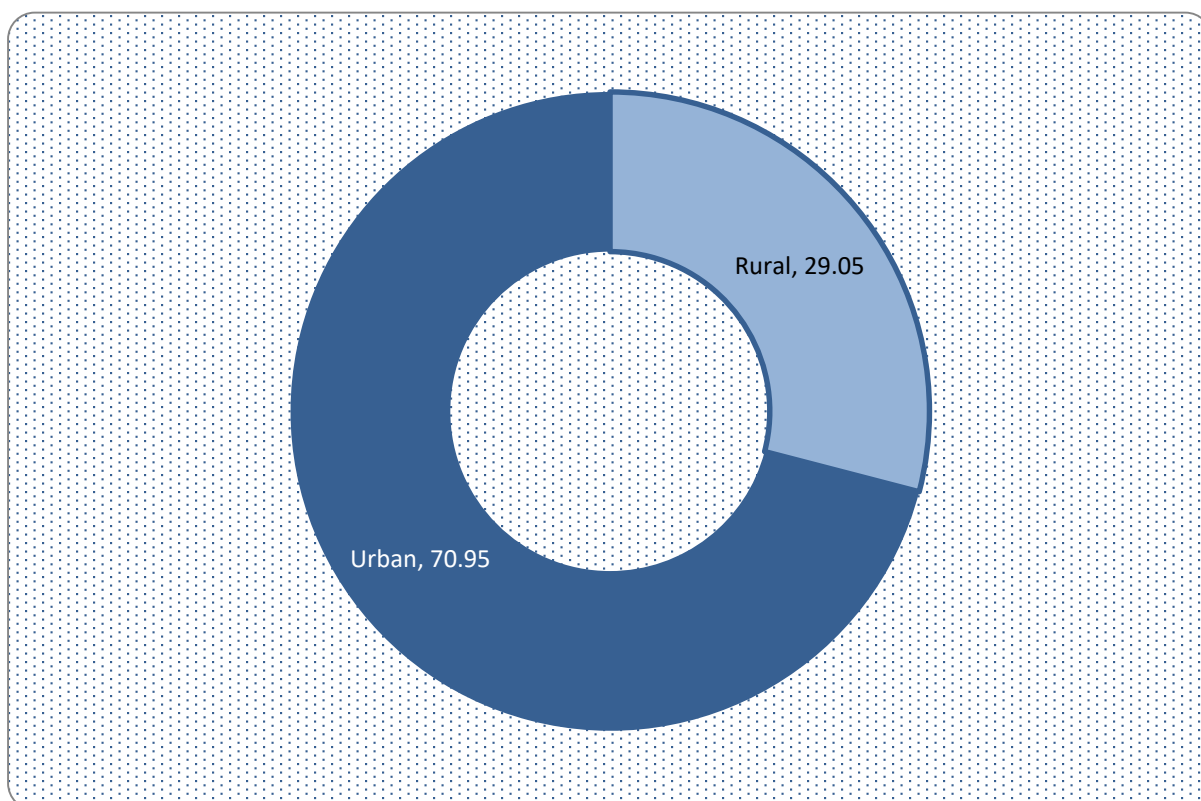


Table - 5.1(ii)

Percentage distribution of registered still births by Rural/Urban in Kerala-2019

Rural/Urban	Still births registered	%
<i>Rural</i>	574	29.05
<i>Urban</i>	1402	70.95
Total	1976	100.00

Chart-5.1(ii)-Percentage distribution of registered still births by Rural/Urban in Kerala-2019



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 by Age of Mother-2019

<i>Age of mother</i>	<i>Still birth Registered</i>	<i>Percentage</i>
<i>Below 15</i>	<i>1</i>	<i>0.05</i>
<i>15-19</i>	<i>99</i>	<i>5.01</i>
<i>20-24</i>	<i>464</i>	<i>23.48</i>
<i>25-29</i>	<i>585</i>	<i>29.61</i>
<i>30-34</i>	<i>367</i>	<i>18.57</i>
<i>35-39</i>	<i>164</i>	<i>8.30</i>
<i>40-44</i>	<i>17</i>	<i>0.86</i>
<i>45+</i>	<i>3</i>	<i>0.15</i>
<i>Age not stated</i>	<i>276</i>	<i>13.97</i>
<i>Total</i>	<i>1976</i>	<i>100.00</i>

5.3 Still births by duration of pregnancy

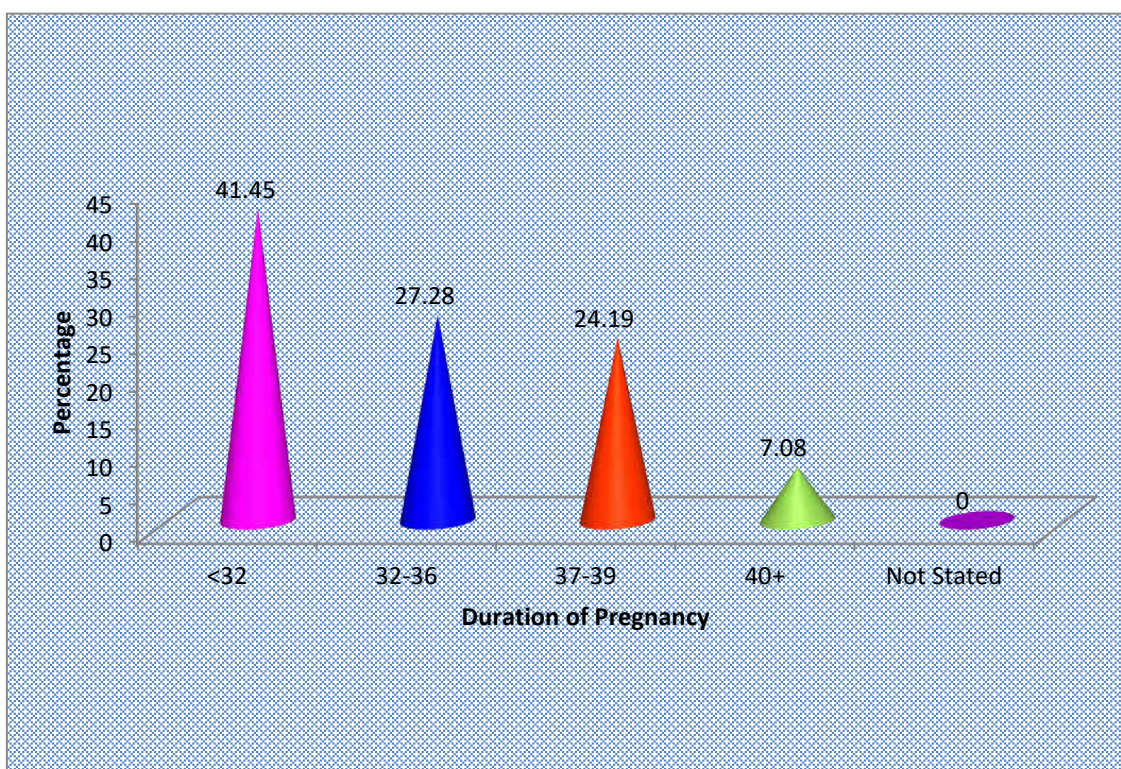
Percentage distribution of still births by duration of pregnancy is given below in Table 5.3. Highest percentage of still birth is reported under the category of pregnancy duration of less than 32 weeks (41.45%), followed by the period of 32-36 weeks (27.28%) and is lowest in the pregnancy period of 40 or more weeks (7.08%). 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 -2019

<i>Duration of pregnancy</i>	<i>Still births registered</i>	<i>%</i>
<i><32</i>	<i>819</i>	<i>41.45</i>
<i>32-36</i>	<i>539</i>	<i>27.28</i>
<i>37-39</i>	<i>478</i>	<i>24.19</i>
<i>40+</i>	<i>140</i>	<i>7.08</i>
<i>Total</i>	<i>1976</i>	<i>100.00</i>

Chart-5.3-Percentage distribution of still births by duration of pregnancy -2019



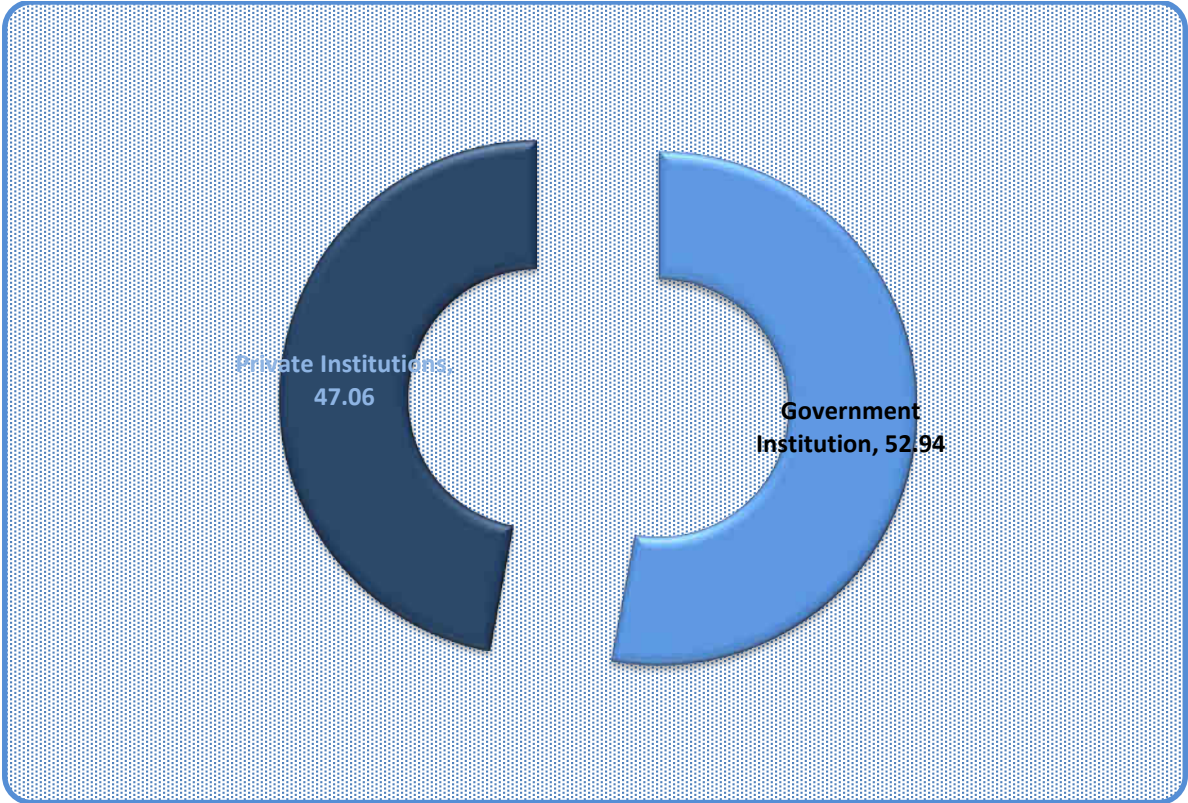
5.4. Still Births by type of medical attention received

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 1976 stillbirths reported, 1046 (52.94%) still birth from Government institution and 930 (47.06%) from private medical institutions during the year 2019.

Table - 5.4
Percentage distribution of still births by type of medical attention received -2019

Type of medical attention	Still births registered	%
Government Institution	1046	52.94
Private Institutions	930	47.06
Total	1976	100.00

Chart-5.4-Percentage distribution of still births by type of medical attention received -2019



Chapter -6

Analysis of Vital Rates

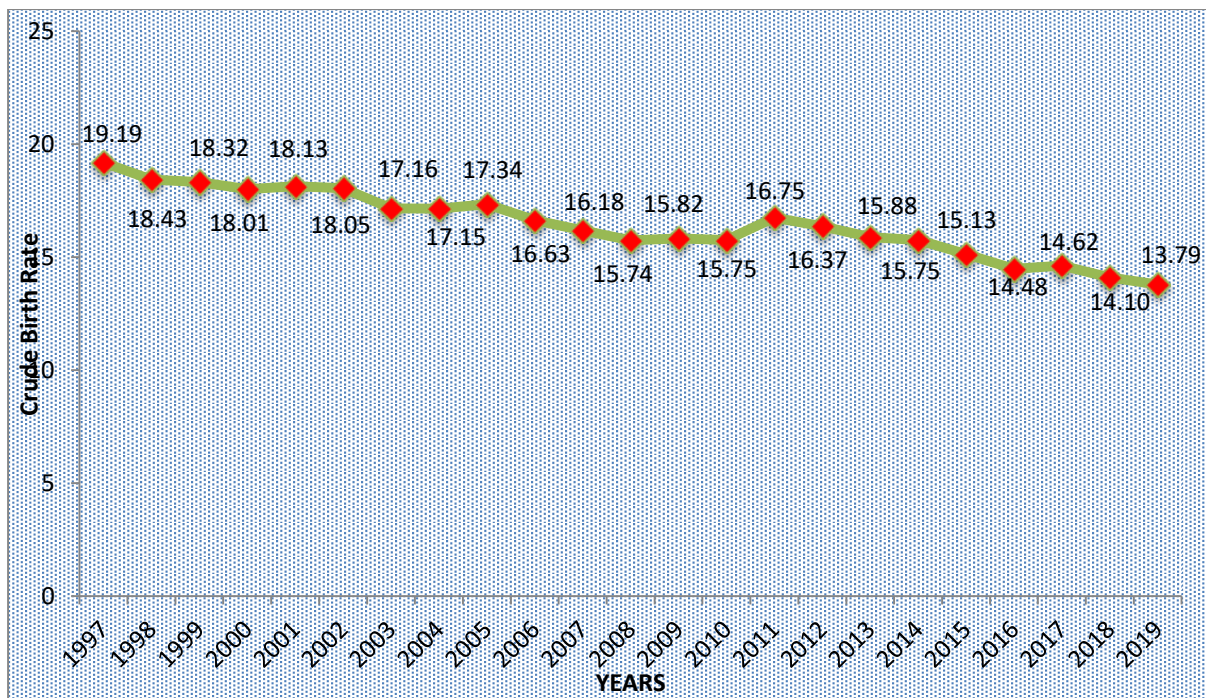
6.1 Sex Ratio at Birth (SRB)

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 2019 is 960 where as it was 963 for the year 2018. Among the districts, highest SRB has been reported in Idukki district (1005) and the lowest in Palakkad district (942).

6.2 Crude Birth Rate (CBR)

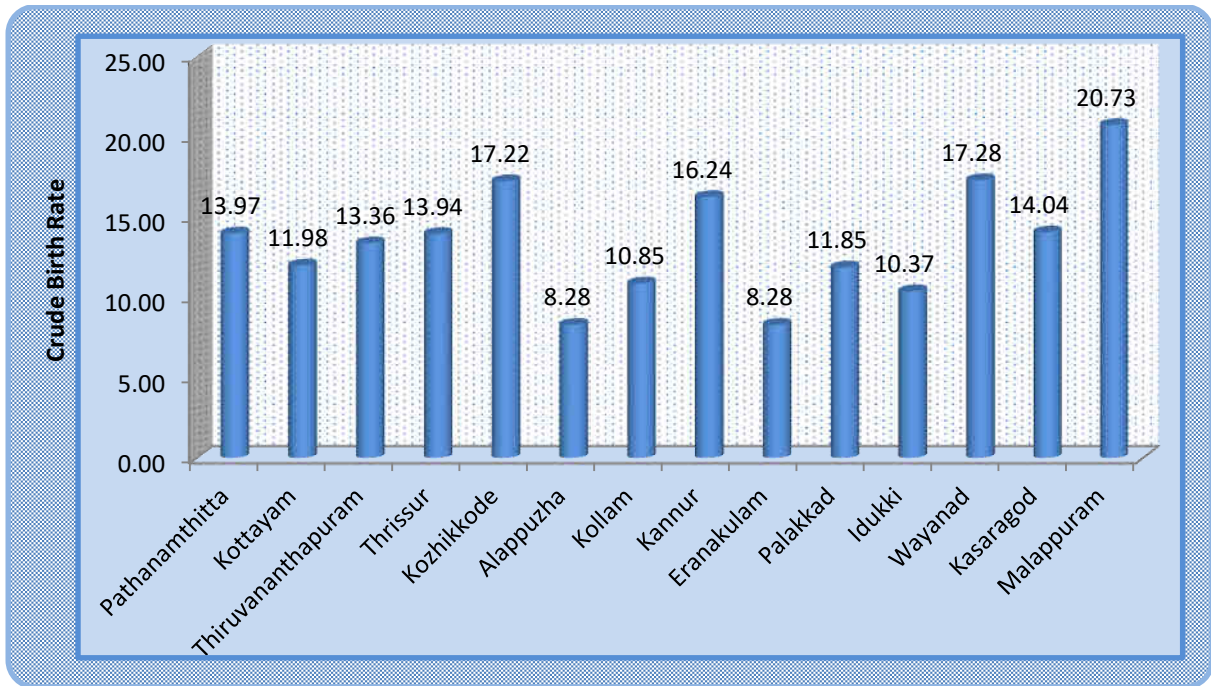
The Crude Birth Rate is the number of live births occurring among the population of a given geographical area during a given year, per 1,000 population of the given geographical area during the same year. CBR is the number of live births in a year per 1000 population and it shows the growth or decline of population in a region. During the year 2019, the CBR is 13.79, whereas it was 14.10 during 2018, which shows a marginal decrease of 0.31. Generally, Crude Birth Rate in the State shows a decreasing tendency. A declining trend has been observed in the CBR during 1997-2019 from the chart below.

Chart-6.2(i)-Trend in Crude Birth Rate –Kerala (1997-2019)



The graphical representation of birth rate of districts in the State during the year 2019 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 (20.73), followed by Wayanad (17.28,) Kozhikode (17.22) and the lowest in Ernakulum & Alappuzha (8.28) districts.

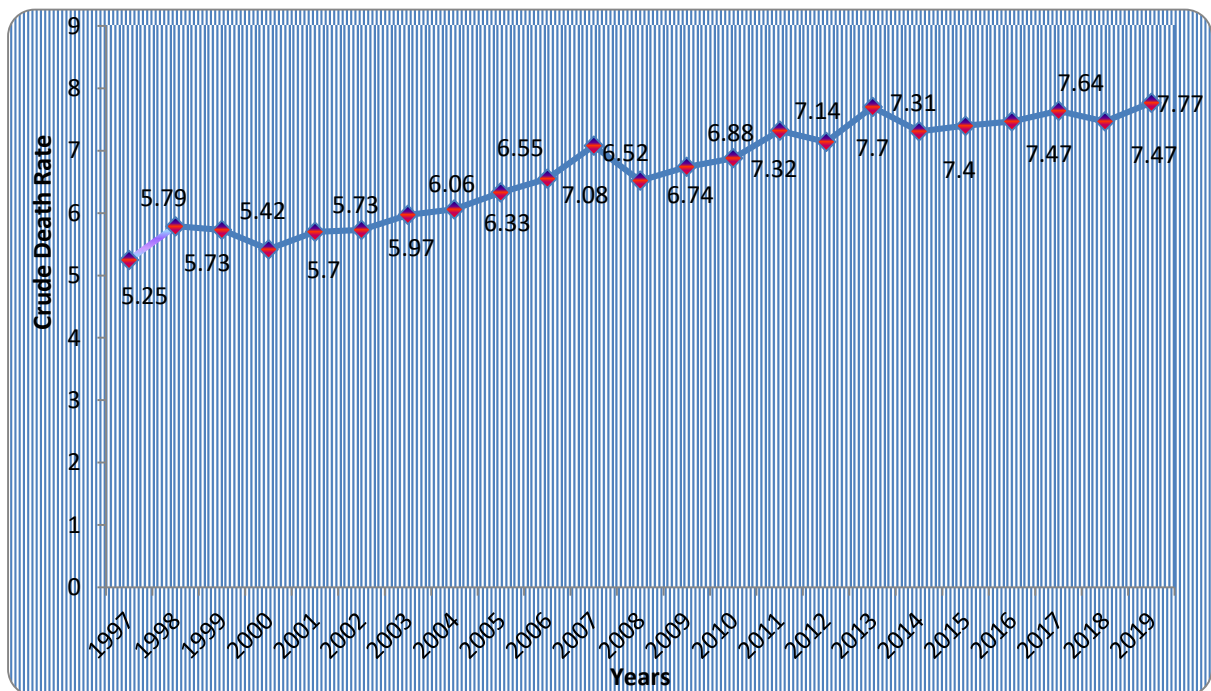
Chart 6.2(ii):- District wise Birth Rate – 2019



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 23 years is presented in the chart given below. From this chart, it is observed that the CDR was 7.32 in 2011 and it increased to 7.77 in 2019.

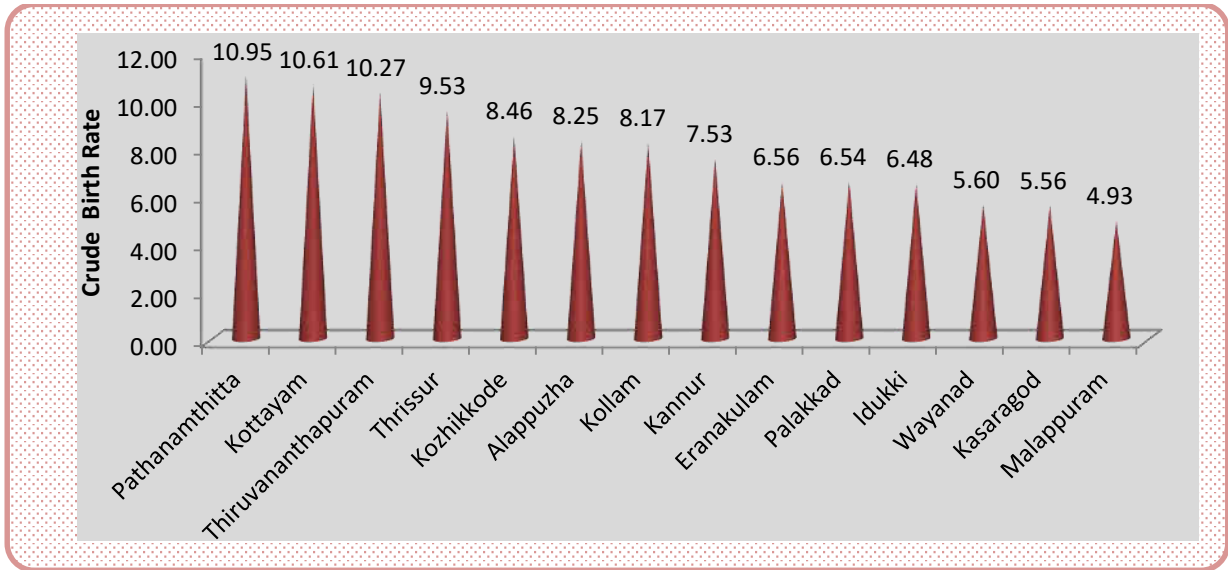
Chart-6.3-Crude Death Rate (1997-2019)



6.4 District Wise Death Rate

District wise death rates are shown in the chart below. Among the districts the highest death rate 10.95 was recorded in Pathanamthitta followed by Kottayam (10.61) and the lowest in Malappuram (4.93)

Chart-6.4- District Wise Death Rate 2019

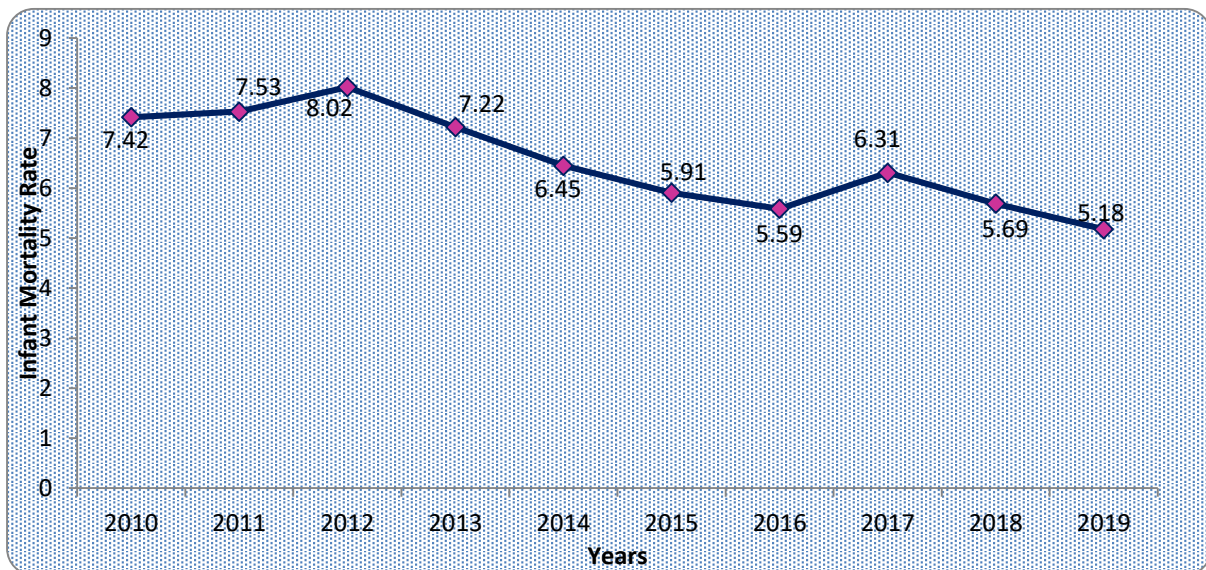


6.5 Infant Mortality Rate (IMR)

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 2019 was 5.18 where as it is 5.69 during 2018. 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 7.42 in 2010 to 5.18 in 2019.

Chart-6.5-Infant Mortality Rates (2010-2019)



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 2019. Among the districts, it varies from 1.83 in Kollam & Kasaragod to 10.93 in Kozhikode. It is seen that IMR of Male is higher than female in all districts except in Kollam, Idukki & Thrissur.

Table – 6.5.1
District wise IMR by Sex

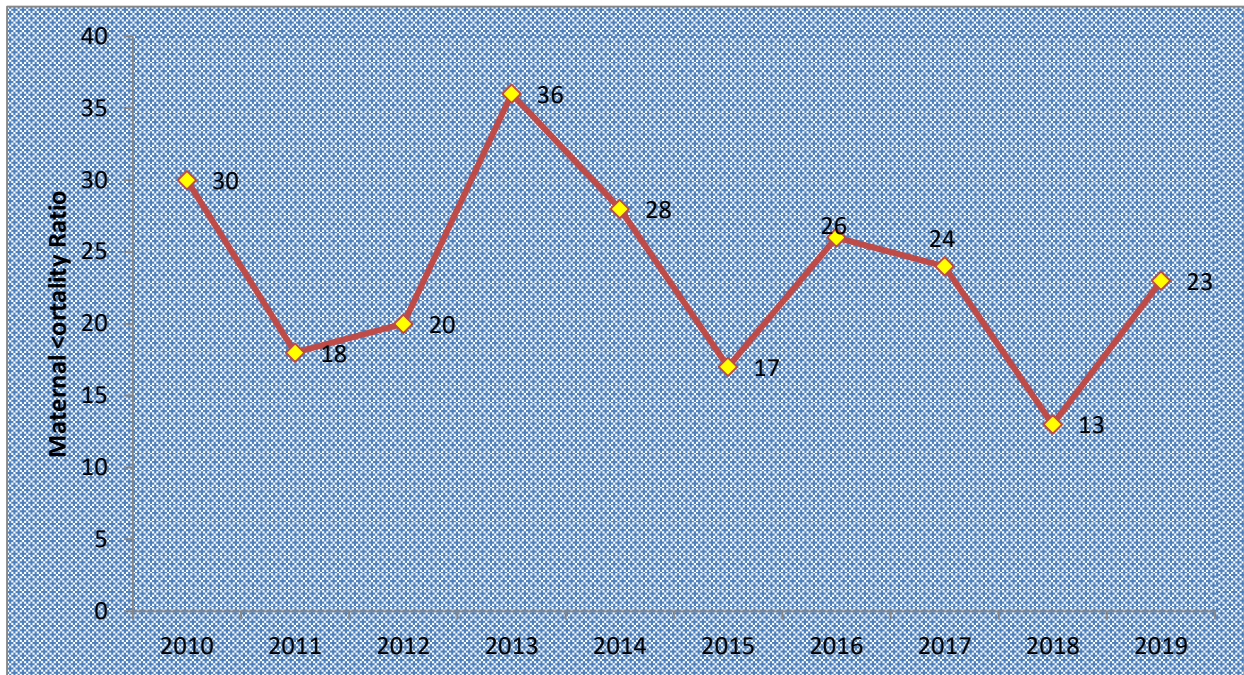
<i>District</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
<i>Thiruvananthapuram</i>	<i>11.96</i>	<i>9.04</i>	<i>10.57</i>
<i>Kollam</i>	<i>1.70</i>	<i>1.97</i>	<i>1.83</i>
<i>Pathanamthitta</i>	<i>4.28</i>	<i>3.44</i>	<i>3.86</i>
<i>Alappuzha</i>	<i>3.76</i>	<i>2.28</i>	<i>3.03</i>
<i>Kottayam</i>	<i>7.09</i>	<i>5.60</i>	<i>6.35</i>
<i>Idukki</i>	<i>2.30</i>	<i>2.64</i>	<i>2.47</i>
<i>Ernakulam</i>	<i>5.51</i>	<i>5.12</i>	<i>5.39</i>
<i>Thrissur</i>	<i>6.40</i>	<i>6.44</i>	<i>6.42</i>
<i>Palakkad</i>	<i>2.04</i>	<i>1.93</i>	<i>1.99</i>
<i>Malappuram</i>	<i>3.14</i>	<i>2.48</i>	<i>2.82</i>
<i>Kozhikode</i>	<i>11.28</i>	<i>10.42</i>	<i>10.93</i>
<i>Wayanad</i>	<i>4.40</i>	<i>2.50</i>	<i>3.47</i>
<i>Kannur</i>	<i>4.27</i>	<i>4.11</i>	<i>4.19</i>
<i>Kasaragod</i>	<i>2.28</i>	<i>1.35</i>	<i>1.83</i>
<i>Total</i>	<i>5.54</i>	<i>4.77</i>	<i>5.18</i>

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 2019 was computed as 23 where as it was 30 during 2010.

Chart 6.6. Maternal Mortality Ratio (MMR)-(2010-2019)

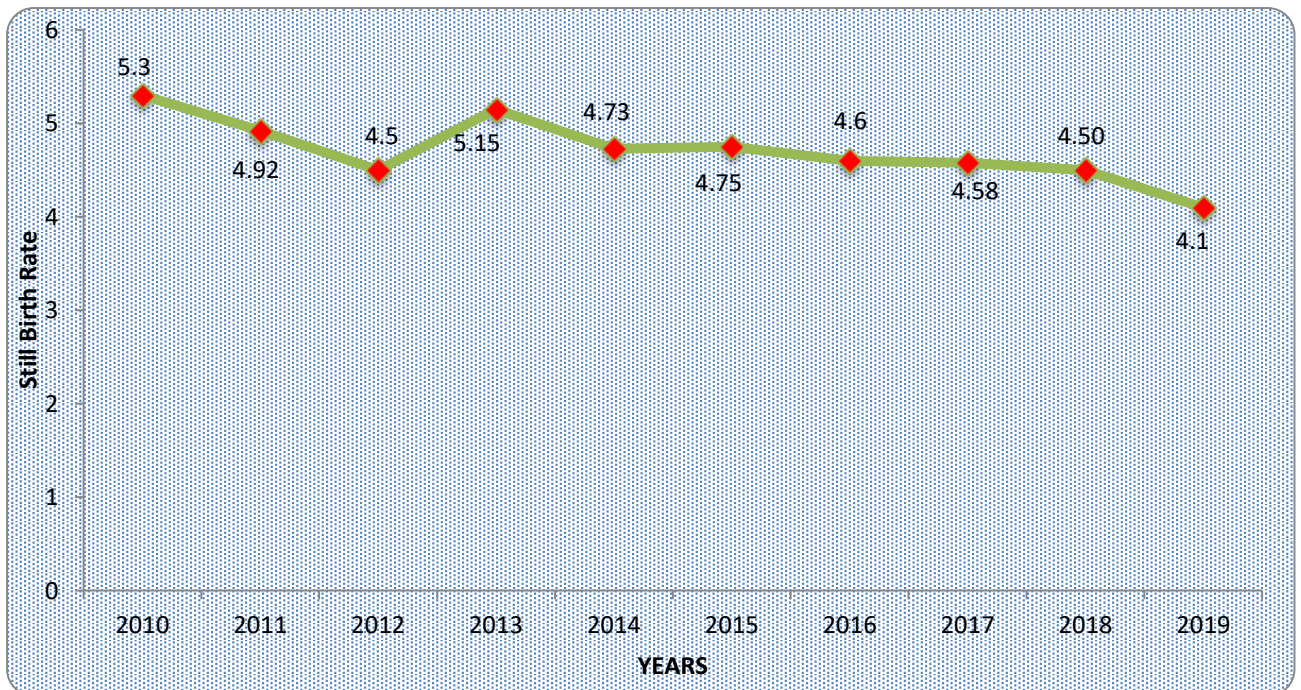


6.7 Still Birth Rate (SBR)

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 4.10 in 2019 from 4.50 in 2018.

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 2019 (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 2019	No. of Registration Units	*Mid-year population 2019		
1	Thiruvananthapuram	73	2171806	5	1190948	3362754	78
2	Kollam	68	2120299	5	543338	2663637	73
3	Pathanamthitta	53	1010309	4	158531	1168840	57
4	Alappuzha	72	1799303	6	349504	2148807	78
5	Kottayam	71	1681334	6	303799	1985133	77
6	Idukki	52	989324	2	102590	1091914	54
7	Ernakulam	82	2254793	14	1193645	3448438	96
8	Thrissur	86	2530837	8	729905	3260742	94
9	Palakkad	88	2617419	7	355542	2972961	95
10	Malappuram	94	3731690	12	819358	4551048	106
11	Kozhikode	70	2258584	8	1015264	3273848	78
12	Wayanad	23	718872	3	131903	850775	26
13	Kannur	71	1928316	11	700132	2628448	82
14	Kasaragod	38	1225689	3	177149	1402838	41
State Total		941	27038575	94	7771608	34810183	1035

TABLE - A2

Age & Sex Wise Mid-Year Population 2019 (As on 1st July 2019)

Age Group	2011 Census Population			Mid Year Population 2019		
	Male	Female	Total	Male	Female	Total
0-4	1247534	1205558	2453092	1299970	1256230	2556200
5to9	1303190	1251922	2555112	1357966	1304543	2662508
10to14	1438917	1383853	2822770	1499397	1442019	2941417
15to19	1328299	1282253	2610552	1384130	1336149	2720279
20to24	1298826	1366983	2665809	1353418	1424440	2777858
25to29	1203978	1400114	2604092	1254584	1458964	2713547
30to34	1128217	1327284	2455501	1175638	1383072	2558711
35to39	1161819	1417854	2579673	1210653	1477449	2688102
40to44	1117424	1295074	2412498	1164392	1349508	2513900
45to49	1105598	1242932	2348530	1152068	1295175	2447243
50to54	931191	996954	1928145	970331	1038858	2009189
55to59	861527	880881	1742408	897739	917906	1815645
60to64	685136	729535	1414671	713934	760199	1474132
65to69	459232	542902	1002134	478534	565721	1044256
70to74	326562	406810	733372	340288	423909	764197
75to79	208317	293050	501367	217073	305367	522440
above80	204348	337501	541849	212937	351687	564624
Age not stated	17297	17189	34486	18024	17911	35935
TOTAL	16027412	17378649	33406061	16701076	18109107	34810183

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 reported	Total	Within the Registration Unit	Outside the Registration Unit	Outside State	Not reported	Total
1	Kasaragod	Rural		3122	2933	0	6055	1394	3780	0	881	6055
		Urban		6978	6666	0	13644	1429	9827	0	2388	13644
		Total		10100	9599	0	19699	2823	13607	0	3269	19699
2	Kannur	Rural		3227	3077	1	6305	844	3977	0	1484	6305
		Urban		18548	17838	1	36387	2780	21389	0	12218	36387
		Total		21775	20915	2	42692	3624	25366	0	13702	42692
			Kannur (C)	3734	3772	1	7507	93	4613	0	2801	7507
3	Wayanad	Rural		2504	2455	0	4959	718	2583	0	1658	4959
		Urban		4992	4748	0	9740	221	5606	0	3913	9740
		Total		7496	7203	0	14699	939	8189	0	5571	14699
4	Kozhikode	Rural		5663	5579	0	11242	897	6271	0	4074	11242
		Urban		23157	21960	8	45125	7104	23852	0	14169	45125
		Total		28820	27539	8	56367	8001	30123	0	18243	56367
			Kozhikode (C)	19748	18837	8	38593	6814	20101	0	11678	38593

5	Malappuram	Rural		12711	12184	0	24895	3863	12916	0	8116	24895
		Urban		35691	33769	1	69461	8089	43637	0	17735	69461
		Total		48402	45953	1	94356	11952	56553	0	25851	94356
			Manjeri (M)	5590	5310	0	10900	2780	6641	0	1479	10900
6	Palakkad	Rural		4713	4326	1	9040	1381	5131	0	2528	9040
		Urban		13419	12762	1	26182	1571	16894	0	7717	26182
		Total		18132	17088	2	35222	2952	22025	0	10245	35222
			Palakkad (M)	6254	5907	0	12161	973	7016	0	4172	12161
7	Thrissur	Rural		6709	6455	2	13166	1196	6706	0	5264	13166
		Urban		16555	15741	2	32298	1771	15815	0	14712	32298
		Total		23264	22196	4	45464	2967	22521	0	19976	45464
			Thrissur (C)	9091	8654	0	17745	462	6880	0	10403	17745
8	Ernakulam	Rural		6141	6018	1	12160	1042	6037	0	5081	12160
		Urban		8365	8032	1	16398	1011	10488	0	4899	16398
		Total		14506	14050	2	28558	2053	16525	0	9980	28558
			Thrippunithura (M)	740	713	0	1453	225	660	0	568	1453
9	Idukki	Rural		3012	3079	1	6092	1407	3246	0	1439	6092
		Urban		2633	2596	0	5229	332	2578	0	2319	5229
		Total		5645	5675	1	11321	1739	5824	0	3758	11321
10	Kottayam	Rural		6977	6799	1	13777	1041	7143	0	5593	13777
		Urban		5018	4987	0	10005	695	5601	0	3709	10005
		Total		11995	11786	1	23782	1736	12744	0	9302	23782
			Kottayam (M)	1475	1480	0	2955	451	1631	0	873	2955

11	Alappuzha	Rural		4717	4635	4	9356	533	6707	0	2116	9356
		Urban		4323	4120	0	8443	1390	5056	0	1997	8443
		Total		9040	8755	4	17799	1923	11763	0	4113	17799
			Alappuzha (M)	1118	1053	0	2171	749	990	0	432	2171
12	Pathanamthitta	Rural		2794	2764	0	5558	704	2428	0	2426	5558
		Urban		5385	5383	0	10768	655	4746	0	5367	10768
		Total		8179	8147	0	16326	1359	7174	0	7793	16326
13	Kollam	Rural		5190	5022	0	10212	1355	5315	0	3542	10212
		Urban		9507	9182	0	18689	3587	10150	0	4952	18689
		Total		14697	14204	0	28901	4942	15465	0	8494	28901
			Kollam (C)	5490	5317	0	10807	3339	5402	0	2066	10807
14	Thiruvananthapuram	Rural		3812	3685	0	7497	832	2948	0	3717	7497
		Urban		19090	18334	6	37430	11168	15817	0	10445	37430
		Total		22902	22019	6	44927	12000	18765	0	14162	44927
			Thiruvananthapuram(C)	17010	16328	6	33344	10455	13126	0	9763	33344
State	State	Rural		71292	69011	11	14031	17207	75188	0	47919	14031
		Urban		173661	166118	20	33979	41803	191456	0	106540	33979
		Total		244953	235129	31	480113	59010	266644	0	154459	480113

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	Total
1	Kasaragod	Rural		7295	6919	0	14214	11.6	1394	12820	0	14214
		Urban		1121	1094	0	2215	12.5	1429	786	0	2215
		Total		8416	8013	0	16429	11.71	2823	13606	0	16429
2	Kannur	Rural		12394	11866	0	24260	12.58	844	23416	0	24260
		Urban		2457	2275	0	4732	6.81	2780	1952	0	4732
		Total		14851	14141	0	28992	11.05	3624	25368	0	28992
			Kannur (C)	250	275	0	525	2.2	93	432	0	525
3	Wayanad	Rural		4389	4267	0	8656	12.04	718	7938	0	8656
		Urban		233	238	0	471	3.57	221	250	0	471
		Total		4622	4505	0	9127	10.73	939	8188	0	9127
4	Kozhikode	Rural		14460	13872	3	28335	12.55	897	27438	0	28335
		Urban		5039	4750	1	9790	9.64	7104	2686	0	9790
		Total		19499	18622	4	38125	11.65	8001	30124	0	38125
			Kozhikode (C)	3798	3584	0	7382	12.01	6814	568	0	7382
5	Malappuram	Rural		29587	27754	1	57342	15.37	3863	53479	0	57342
		Urban		5729	5423	0	11152	13.61	8089	3063	0	11152
		Total		35316	33177	1	68494	15.05	11952	56542	0	68494
			Manjeri (M)	1588	1582	0	3170	28.85	2780	390	0	3170

6	Palakkad	Rural		11415	10713	1	22129	8.45	1381	20748	0	22129
		Urban		1489	1358	0	2847	8.01	1571	1276	0	2847
		Total		12904	12071	1	24976	8.4	2952	22024	0	24976
			Palakkad (M)	603	578	0	1181	9.01	973	208	0	1181
7	Thrissur	Rural		10959	10320	1	21280	8.41	1196	20084	0	21280
		Urban		2153	2066	0	4219	5.78	1771	2448	0	4219
		Total		13112	12386	1	25499	7.82	2967	22532	0	25499
			Thrissur (C)	382	379	0	761	2.42	462	299	0	761
8	Ernakulam	Rural		7741	7521	1	15263	6.77	1042	14221	0	15263
		Urban		1723	1588	0	3311	2.77	1011	2300	0	3311
		Total		9464	9109	1	18574	5.39	2053	16521	0	18574
			Kochi (C)	473	407	0	880	1.45	0	880	0	880
			Thrippunithura (M)	203	186	0	389	3.85	225	164	0	389
9	Idukki	Rural		3577	3572	1	7150	7.23	1407	5743	0	7150
		Urban		188	225	0	413	4.03	332	81	0	413
		Total		3765	3797	1	7563	6.93	1739	5824	0	7563
10	Kottayam	Rural		6422	6341	1	12764	7.59	1041	11723	0	12764
		Urban		886	827	0	1713	5.64	695	1018	0	1713
		Total		7308	7168	1	14477	7.29	1736	12741	0	14477
			Kottayam (M)	524	521	0	1045	7.85	451	594	0	1045
11	Alappuzha	Rural		5517	5234	3	10754	5.98	533	10221	0	10754
		Urban		1462	1478	1	2941	8.41	1390	1551	0	2941
		Total		6979	6712	4	13695	6.37	1923	11772	0	13695
			Alappuzha (M)	733	741	0	1474	8.58	749	725	0	1474
12	Pathanamthitta	Rural		3730	3737	0	7467	7.39	704	6763	0	7467
		Urban		543	536	0	1079	6.81	655	424	0	1079

		Total		4273	4273	0	8546	7.31	1359	7187	0	8546
13	Kollam	Rural		8049	7712	0	15761	7.43	1355	14406	0	15761
		Urban		2306	2345	0	4651	8.56	3587	1064	0	4651
		Total		10355	10057	0	20412	7.66	4942	15470	0	20412
14	Thiruvananthapuram		Kollam (C)	1902	1968	0	3870	10.22	3339	531	0	3870
		Rural		9165	8716	1	17882	8.23	832	17050	0	17882
		Urban		6516	6346	1	12863	10.8	11168	1695	0	12863
		Total		15681	15062	2	30745	9.14	12000	18745	0	30745
			Thiruvananthapuram (C)	5339	5252	1	10592	10.84	10455	137	0	10592
Not Reported				78408	76036	15	154459		0	0	154459	154459
State		Rural		134700	128544	13	263257	9.74	17207	246050	0	263257
		Urban		31845	30549	3	62397	8.03	41803	20594	0	62397
		Total		244953	235129	31	480113	13.79	59010	266644	154459	480113

TABLE - B3(i)

Time gap in Registration of Live Births(Rural)

		Number of Live Birth registered:												140314							
		Delayed Registration												25343							
		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	2200	2069	0	4269	477	455	0	932	395	358	0	75	50	51	0	10	3122	2933	0	6055
2	Kannur	2679	2586	0	5265	286	246	0	532	137	124	1	26	125	121	0	24	3227	3077	1	6305
3	Wayanad	2229	2156	0	4385	189	184	0	373	45	51	0	96	41	64	0	10	2504	2455	0	4959
4	Kozhikode	4318	4205	0	8523	650	679	0	132	647	650	0	12	48	45	0	93	5663	5579	0	1124
5	Malappuram	9570	9152	0	1872	167	157	0	325	135	134	0	27	106	111	0	21	1271	1218	0	2489
6	Palakkad	3604	3312	1	6917	622	567	0	118	283	272	0	55	204	175	0	37	4713	4326	1	9040
7	Thrissur	5884	5683	2	1156	473	473	0	946	194	178	0	37	158	121	0	27	6709	6455	2	1316
8	Ernakulam	5343	5221	1	1056	503	472	0	975	109	130	0	23	186	195	0	38	6141	6018	1	1216
9	Idukki	1991	1992	1	3984	462	493	0	955	437	416	0	85	122	178	0	30	3012	3079	1	6092
10	Kottayam	6664	6447	1	1311	67	70	0	137	48	47	0	95	198	235	0	43	6977	6799	1	1377
11	Alappuzha	4161	4110	4	8275	270	235	0	505	163	155	0	31	123	135	0	25	4717	4635	4	9356
12	Pathanamthitta	1923	1896	0	3819	507	500	0	100	131	116	0	24	233	252	0	48	2794	2764	0	5558
13	Kollam	4745	4609	0	9354	209	222	0	431	58	71	0	12	178	120	0	29	5190	5022	0	1021
14	Thiruvananthapuram	3126	3086	0	6212	375	365	0	740	180	184	0	36	131	50	0	18	3812	3685	0	7497
Total		58437	56524	10	114971	6767	6540	0	13307	4185	4094	1	8280	1903	1853	0	3756	71292	69011	11	140314

TABLE - B3(ii)

Time gap in Registration of Live Births (Urban)

		Number of Live Birth registered:												339799							
		Delayed Registration												36919							
		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	6397	6124	0	12521	398	368	0	766	159	157	0	316	24	17	0	41	6978	6666	0	13644
2	Kannur	16835	16202	1	33038	1326	1250	0	2576	358	371	0	729	29	15	0	44	18548	17838	1	36387
3	Wayanad	4770	4537	0	9307	163	160	0	323	57	44	0	101	2	7	0	9	4992	4748	0	9740
4	Kozhikode	22289	21215	8	43512	596	520	0	1116	256	215	0	471	16	10	0	26	23157	21960	8	45125
5	Malappuram	28748	27065	0	55813	3408	3274	1	6683	350	338	0	6892	32	41	0	73	35691	33769	1	69461
6	Palakkad	11114	10698	1	21813	1479	1329	0	2808	820	723	0	1543	6	12	0	18	13419	12762	1	26182
7	Thrissur	15170	14427	1	29598	1204	1143	1	2348	157	147	0	304	24	24	0	48	16555	15741	2	32298
8	Ernakulam	6141	5784	0	11925	1065	1098	0	2163	114	112	1	2264	18	28	0	46	8365	8032	1	16398
9	Idukki	2536	2520	0	5056	63	43	0	106	24	30	0	54	10	3	0	13	2633	2596	0	5229
10	Kottayam	4818	4791	0	9609	152	148	0	300	20	22	0	42	28	26	0	54	5018	4987	0	10005
11	Alappuzha	3503	3371	0	6874	398	367	0	765	400	367	0	767	22	15	0	37	4323	4120	0	8443
12	Pathanamthitta	5200	5211	0	10411	147	138	0	285	22	20	0	42	16	14	0	30	5385	5383	0	10768
13	Kollam	8846	8538	0	17384	426	456	0	882	212	164	0	376	23	24	0	47	9507	9182	0	18689
14	Thiruvananthapuram	18397	17616	6	36019	278	259	0	537	392	429	0	821	23	30	0	53	19090	18334	6	37430
Total		154764	148099	17	302880	11103	10553	2	21658	7521	7200	1	14722	273	266	0	539	173661	166118	20	339799

TABLE - B3(iii)

Time gap in Registration of Live Births(Rural & Urban)

		Number of Live Birth registered:												480113							
		Delayed Registration												62262							
		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	8597	8193	0	16790	875	823	0	1698	554	515	0	1069	74	68	0	142	10100	9599	0	19699
2	Kannur	19514	18788	1	38303	1612	1496	0	3108	495	495	1	991	154	136	0	290	21775	20915	2	42692
3	Wayanad	6999	6693	0	13692	352	344	0	696	102	95	0	197	43	71	0	114	7496	7203	0	14699
4	Kozhikode	26607	25420	8	52035	1246	1199	0	2445	903	865	0	1768	64	55	0	119	28820	27539	8	56367
5	Malappuram	38318	36217	0	74535	5085	4853	1	9939	4861	4731	0	9592	138	152	0	290	48402	45953	1	94356
6	Palakkad	14718	14010	2	28730	2101	1896	0	3997	1103	995	0	2098	210	187	0	397	18132	17088	2	35222
7	Thrissur	21054	20110	3	41167	1677	1616	1	3294	351	325	0	676	182	145	0	327	23264	22196	4	45464
8	Ernakulam	11484	11005	1	22490	1568	1570	0	3138	1250	1252	1	2503	204	223	0	427	14506	14050	2	28558
9	Idukki	4527	4512	1	9040	525	536	0	1061	461	446	0	907	132	181	0	313	5645	5675	1	11321
10	Kottayam	11482	11238	1	22721	219	218	0	437	68	69	0	137	226	261	0	487	11995	11786	1	23782
11	Alappuzha	7664	7481	4	15149	668	602	0	1270	563	522	0	1085	145	150	0	295	9040	8755	4	17799
12	Pathanamthitta	7123	7107	0	14230	654	638	0	1292	153	136	0	289	249	266	0	515	8179	8147	0	16326
13	Kollam	13591	13147	0	26738	635	678	0	1313	270	235	0	505	201	144	0	345	14697	14204	0	28901
14	Thiruvananthapuram	21523	20702	6	42231	653	624	0	1277	572	613	0	1185	154	80	0	234	22902	22019	6	44927
Total		213201	204623	2	417851	17870	17093	2	34965	11706	11294	2	23002	2176	2119	0	4295	244953	235129	31	480113

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	797	638	855	907	954	792	852	694	954	955	862	840	10100
		Female	824	585	803	805	907	823	787	693	910	885	764	813	9599
		Total	1621	1223	1658	1712	1861	1615	1639	1387	1864	1840	1626	1653	19699
2	Kannur	Male	1794	1472	1886	1589	2196	1775	1705	1720	1778	2070	1973	1817	21775
		Female	1711	1368	1787	1531	2178	1708	1610	1640	1675	2090	1953	1664	20915
		NR	0	0	0	0	0	0	0	0	1	0	0	1	2
		Total	3505	2840	3673	3120	4374	3483	3315	3360	3454	4160	3926	3482	42692
3	Wayanad	Male	659	655	692	618	638	591	619	600	504	688	602	630	7496
		Female	527	599	765	593	647	564	547	598	505	659	565	634	7203
		Total	1186	1254	1457	1211	1285	1155	1166	1198	1009	1347	1167	1264	14699
4	Kozhikode	Male	2273	2192	2786	2220	2847	2350	2352	2327	2192	2402	2522	2357	28820
		Female	2107	2007	2672	2134	2824	2278	2328	2179	2156	2244	2419	2191	27539
		NR	1	0	0	2	1	2	1	1	0	0	0	0	8
		Total	4381	4199	5458	4356	5672	4630	4681	4507	4348	4646	4941	4548	56367
5	Malappuram	Male	3715	3234	3919	4062	4595	3820	4293	4000	3914	4167	4470	4213	48402
		Female	3572	3004	3794	3846	4335	3817	4054	3851	3661	3932	4198	3889	45953
		NR	0	0	0	0	0	0	0	0	0	1	0	0	1
		Total	7287	6238	7713	7908	8930	7637	8347	7851	7575	8100	8668	8102	94356

6	Palakkad	Male	1415	1136	1522	1688	1784	1494	1521	1543	1360	1753	1452	1464	18132
		Female	1282	1051	1498	1541	1677	1477	1396	1518	1275	1645	1417	1311	17088
		NR	0	0	0	0	0	0	0	1	1	0	0	0	2
		Total	2697	2187	3020	3229	3461	2971	2917	3062	2636	3398	2869	2775	35222
7	Thrissur	Male	1494	1584	2069	1828	2429	1955	1892	1889	1949	2268	2092	1815	23264
		Female	1578	1539	1902	1762	2369	1838	1757	1905	1764	2108	1925	1749	22196
		NR	0	0	0	0	2	0	0	0	0	1	1	0	4
		Total	3072	3123	3971	3590	4800	3793	3649	3794	3713	4377	4018	3564	45464
8	Ernakulam	Male	1221	1085	1348	1167	1295	1258	1131	1314	980	1275	1340	1092	14506
		Female	1196	1012	1272	1063	1318	1173	1151	1248	965	1325	1269	1058	14050
		NR	1	0	0	0	0	0	0	0	0	1	0	0	2
		Total	2418	2097	2620	2230	2613	2431	2282	2562	1945	2601	2609	2150	28558
9	Idukki	Male	503	388	563	445	519	449	388	461	419	550	469	491	5645
		Female	475	458	550	389	550	470	368	477	437	527	465	509	5675
		NR	0	0	1	0	0	0	0	0	0	0	0	0	1
		Total	978	846	1114	834	1069	919	756	938	856	1077	934	1000	11321
10	Kottayam	Male	984	931	1063	972	1122	1035	985	954	970	1130	990	859	11995
		Female	924	909	1040	984	1087	982	997	907	995	1116	1008	837	11786
		NR	0	0	0	0	0	0	0	0	0	0	1	0	1
		Total	1908	1840	2103	1956	2209	2017	1982	1861	1965	2246	1999	1696	23782

11	Alappuzha	Male	710	599	764	754	919	702	677	785	565	928	932	705	9040
		Female	697	559	758	669	981	769	637	729	525	847	886	698	8755
		NR	1	0	1	0	1	0	0	0	0	0	1	0	4
		Total	1408	1158	1523	1423	1901	1471	1314	1514	1090	1775	1819	1403	17799
12	Pathanamthitta	Male	667	637	638	607	790	709	622	644	712	775	684	694	8179
		Female	678	645	644	583	772	702	637	619	679	800	688	700	8147
		Total	1345	1282	1282	1190	1562	1411	1259	1263	1391	1575	1372	1394	16326
13	Kollam	Male	1229	1000	1344	1246	1346	1228	1228	1173	1181	1385	1263	1074	14697
		Female	1185	967	1265	1189	1307	1249	1125	1166	1134	1360	1244	1013	14204
		Total	2414	1967	2609	2435	2653	2477	2353	2339	2315	2745	2507	2087	28901
14	Thiruvananthapuram	Male	1837	1572	2051	1844	2176	1938	1880	1894	1829	2017	1976	1888	22902
		Female	1713	1501	1967	1781	2131	1892	1752	1778	1743	1986	1979	1796	22019
		NR	1	0	0	0	0	1	0	2	0	1	0	1	6
		Total	3551	3073	4018	3625	4307	3831	3632	3674	3572	4004	3955	3685	44927
State Total		Male	19298	17123	21500	19947	23610	20096	20145	19998	19307	22363	21627	19939	244953
		Female	18469	16204	20717	18870	23083	19742	19146	19308	18424	21524	20780	18862	235129
		NR	4	0	2	2	4	3	1	4	2	4	3	2	31
		Total	37771	33327	42219	38819	46697	39841	39292	39310	37733	43891	42410	38803	480113

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		25732	110500	608	2039	1254	181	140314
II. URBAN								
II(i). Towns with population one lakh and above								
1	Alappuzha (M)	1793	373	3	1	1		2171
2	Kollam (C)	5470	5321	2	4	3	7	10807
3	Kottayam (M)	1210	1713	17	12	2	1	2955
4	Kozhikode (C)	21987	16433	165	1		7	38593
5	Palakkad (M)	5506	6651			3	1	12161
6	Thiruvananthapuram (C)	17227	16071	7	2	14	23	33344
7	Thrissur (C)	3759	13910	65	6	5		17745
Total II (i)		56952	60472	259	26	28	39	117776
II(ii). All other urban areas								
1	Adoor (M)	1184	617		2			1803
2	Aluva (M)	1787	1808	1	1			3597
3	Angamaly (M)	1	1206		2			1209
4	Anthoor(M)	1114	6					1120
5	Attingal (M)	66	999	4			1	1070
6	Chalakkudy (M)	719	2135	3		2		2859
7	Changanasserry (M)	377	1061	2	4		1	1445
8	Chavakkad (M)	223	397	1				621
9	Chengannur (M)	476	28	6				510
10	Cherpulaserry (M)		67			2		69
11	Cherthala (M)	778	984		2			1764
12	Chittoor-Thathamangalam (M)	362		1	1	3		367
13	Eloor(M)	971	58		1			1030
14	Erattupetta (M)	1	343					344
15	Ettumanoor (M)	1	2854	2	7			2864
16	Feroke (M)	34	1366		1	1		1402

17	Guruvayoor (M)		22	3				25
18	Harippad (M)	658						658
19	Iringalakuda (M)	1387	8	4		1		1400
20	Iritty(M)	5	1054					1059
21	Kalamasserry (M)	1272	96	2		2	8	1380
22	Kalpetta (M)	708	2446					3154
23	Kanjhagad (M)	1973	2031	3		1	1	4009
24	Kannur (C)	3	7497	1	4	2		7507
25	Kannur Cantonment (M)	3891	29					3920
26	Karunagappally(M)	1659	1397	1	1			3058
27	Kasargod (M)	2722	6688	5	2	2	1	9420
28	Kattappana (M)		1268	5	4			1277
29	Kayamkulam (M)	236	1902		4		1	2143
30	Kodungallur (M)	1437	4277	1		2		5717
31	Koduvally (M)		1427	1				1428
32	Kondotty (M)	4	1615		1	4		1624
33	Koothattukulam (M)		231		1	2		234
34	Kothamangalam (M)	344	2182		9			2535
35	Kottakkal(M)	7	9427		4			9438
36	Kottarakkara (M)	1199	1195	1	9			2404
37	Kunnamkulam (M)	1020	2056	1	1			3078
38	Kuthuparamba (M)	5	733					738
39	Malappuram (M)	1139	6920	1	2	6	7	8075
40	Mananthavady (M)	2540	443		3			2986
41	Manjeri (M)	5519	5364	3	7	7		10900
42	Mannarakkad (M)	1566	4401	1		3		5971
43	Maradu (M)		278				1	279
44	Mattannur (M)		1329					1329
45	Mavelikkara (M)	575	620		2			1197
46	Moovattupuzha (M)	1360	419		1			1780
47	Mukkam (M)	1	2061					2062
48	Nedumangad (M)	1310	217					1527
49	Neyyattinkara (M)	619	615		1		1	1236
50	Nilamboor(M)	1756	2211	8	3	3	1	3982
51	Nileswaram (M)	5	205		5			215
52	North Paravur (M)	434	838	2	1			1275
53	Ottappalam (M)	448	6180			1		6629
54	Pala (M)	873	1016					1889
55	Pandalam (M)	2	1259	1	2			1264
56	Panoor (M)						1	1

57	Parappanangadi (M)		2677			7		2684
58	Paravoor (M)	104	1					105
59	Pathanamthitta (M)	905	1031	2	3			1941
60	Pattambi (M)	157	826		1			984
61	Payyannur (M)	618	4838	9		1	1	5467
62	Perinthalmanna (M)	1961	9048			2		11011
63	Perumbavoor (M)	518	745	1		1		1265
64	Piravom (M)	2	20	4	4			30
65	Ponnani (M)	3678	18	2	1	1		3700
66	Punalur (M)	1613	696	2	4			2315
67	Quilandy (M)	14		1		1		16
68	Ramanattukara (M)		56					56
69	Shornnur (M)					1		1
70	Sulthan Bathery (M)	997	2512	88		2	1	3600
71	Thalasserry (M)	2898	7437		1		9	10345
72	Thaliparamba (M)	1209	3691			1		4901
73	Thanoor (M)				3	1		4
74	Thirurangadi (M)	1003	5729	1		1		6734
75	Thiruvalla (M)	887	4871	2				5760
76	Thodupuzha (M)	980	2964	1		1	6	3952
77	Thrikkakara(M)	9	318	4				331
78	Thrippunithura (M)	602	691	159			1	1453
79	Tirur (M)	2140	4221		1	2	1	6365
80	Vadakara (M)	441	1126	1				1568
81	Vaikom (M)	506	2					508
82	Valancherry (M)	5	4938		1			4944
83	Varkala (M)	139	112		1	1		253
84	Wadakkancherry (M)	601	249	1		2		853
Total II (ii)		66758	154703	342	108	69	43	222023
Urban Total		123710	215175	601	134	97	82	339799
State Total		149442	325675	1209	2173	1351	263	480113

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	15969	73507	89476	61104	116308	177412	77073	189815	266888
2	Caesarean	9371	48456	57827	45699	90811	136510	55070	139267	194337
3	Vacuum/Forceps	389	1745	2134	3695	8036	11731	4084	9781	13865
4	Not Stated	3	2	5	2	20	22	5	22	27
Total		25732	123710	149442	110500	215175	325675	136232	338885	475117

Table B-7

Live Births by Age of the Mother and Birth Order (Rural & Urban)

Birth Order															
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	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3
15-19	5571	116	41	12	0	0	0	0	0	0	0	0	0	7	5747
20-24	28274	12791	1573	221	22	16	0	0	0	0	0	0	0	33	42930
25-29	20888	21487	8070	1165	172	55	32	11	0	0	0	0	0	14	51894
30-34	5563	13110	7578	2206	456	111	50	22	12	6	0	0	0	3	29117
35-39	1327	3327	2421	1189	397	117	62	27	21	10	0	0	0	0	8898
40-44	379	428	231	100	71	42	24	11	10	5	0	0	0	0	1301
45 & above	121	112	12	9	4	7	6	0	5	0	0	0	0	0	276
Age Not Stated	21	19	5	5	1	0	1	2	0	0	0	0	0	94	148
Rural Total	62146	51390	19931	4907	1123	348	175	73	48	21	0	0	0	152	140314
Urban Areas															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	15026	200	18	4	0	0	0	0	0	0	0	0	0	0	15248
20-24	75145	31459	3661	203	12	1	0	0	0	0	0	0	0	5	110486

25-29	49584	53471	19536	2529	214	27	9	2	0	0	0	0	0	18	125390
30-34	12381	31201	17266	5157	828	145	33	11	4	2	0	0	0	4	67032
35-39	2936	7557	5055	2620	725	168	37	20	8	5	0	0	0	4	19135
40-44	484	682	417	263	135	50	24	6	3	2	0	0	0	0	2066
45 & above	88	65	20	8	5	3	1	1	0	0	0	0	0	0	191
Age Not Stated	107	54	14	4	0	0	0	0	0	0	0	0	0	72	251
Urban Total	155751	124689	45987	10788	1919	394	104	40	15	9	0	0	0	103	339799
All Areas															
Below 15	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3
15-19	20597	316	59	16	0	0	0	0	0	0	0	0	0	7	20995
20-24	103419	44250	5234	424	34	17	0	0	0	0	0	0	0	38	153416
25-29	70472	74958	27606	3694	386	82	41	13	0	0	0	0	0	32	177284
30-34	17944	44311	24844	7363	1284	256	83	33	16	8	0	0	0	7	96149
35-39	4263	10884	7476	3809	1122	285	99	47	29	15	0	0	0	4	28033
40-44	863	1110	648	363	206	92	48	17	13	7	0	0	0	0	3367
45 & above	209	177	32	17	9	10	7	1	5	0	0	0	0	0	467
Age Not Stated	128	73	19	9	1	0	1	2	0	0	0	0	0	166	399
All Total	217897	176079	65918	15695	3042	742	279	113	63	30	0	0	0	255	480113

TABLE B - 7A**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	2	1	0	3	0	0	0	0	2	1	0	3
15-19	3017	2730		5747	7970	7278		15248	10987	10008	0	20995
20-24	21804	21120	6	42930	56415	54061	10	110486	78219	75181	16	153416
25-29	26417	25475	2	51894	63939	61447	4	125390	90356	86922	6	177284
30-34	14728	14387	2	29117	34224	32803	5	67032	48952	47190	7	96149
35-39	4514	4383	1	8898	9804	9330	1	19135	14318	13713	2	28033
40-44	628	673		1301	1075	991		2066	1703	1664	0	3367
45 & above	125	151		276	104	87		191	229	238	0	467
Age Not Stated	57	91		148	130	121		251	187	212	0	399
Total	71292	69011	11	140314	173661	166118	20	339799	244953	235129	31	480113

TABLE - B8**Live Birth by Birth Order and Age of Mother for Towns with Population 1 Lakh and above**

Age of Mother	Birth Order														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above	Not Stated	
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	4954	74	2	1	0	0	0	0	0	0	0	0	0	0	5031
20-24	30729	10343	1029	50	3	0	0	0	0	0	0	0	0	1	42155
25-29	22096	20675	5704	625	56	8	3	0	0	0	0	0	0	1	49168
30-34	5507	12608	5070	1279	204	35	6	3	1	0	0	0	0	0	24713
35-39	1320	3032	1520	565	147	33	4	7	2	1	0	0	0	1	6632
40-44	219	263	133	73	25	12	2	1	1	1	0	0	0	0	730
45 & above	37	33	5	1	2	2	0	0	0	0	0	0	0	0	80
Age Not Stated	85	38	9	3	0	0	0	0	0	0	0	0	0	32	167
Total	64947	47066	13472	2597	437	90	15	11	4	2	0	0	0	35	128676

TABLE -B9

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

Age of Mother	Level of Education of Mother							Total
	Illiterate	Below Primary	Primary but below Matric	Matric but below Graduate	Graduate & Above	Not Stated		
Rural Areas								
Below 15	0	1	0	0	0	2	3	
15-19	28	16	424	4524	0	755	5747	
20-24	225	87	2611	23247	12682	4078	42930	
25-29	193	124	3248	21040	22472	4817	51894	
30-34	125	71	2784	12534	10859	2744	29117	
35-39	53	40	1455	3912	2596	842	8898	
40-44	15	11	276	536	360	103	1301	
45 & above	6	1	71	91	87	20	276	
Age Not Stated	2	1	9	41	20	75	148	
Rural Areas Total	647	352	10878	65925	49076	13436	140314	
Urban Areas								
Below 15	0	0	0	0	0	0	0	
15-19	29	22	1039	11615	0	2543	15248	
20-24	346	224	6838	59363	30288	13427	110486	
25-29	546	372	8107	53473	48458	14434	125390	
30-34	318	228	6869	29655	23168	6794	67032	
35-39	97	141	3240	8779	5145	1733	19135	
40-44	12	23	405	926	491	209	2066	
45 & above	1	5	19	96	47	23	191	
Age Not Stated	1	3	35	62	32	118	251	
Urban Areas Total	1350	1018	26552	163969	107629	39281	339799	
All Areas								
Below 15	0	1	0	0	0	2	3	
15-19	57	38	1463	16139	0	3298	20995	
20-24	571	311	9449	82610	42970	17505	153416	
25-29	739	496	11355	74513	70930	19251	177284	
30-34	443	299	9653	42189	34027	9538	96149	
35-39	150	181	4695	12691	7741	2575	28033	
40-44	27	34	681	1462	851	312	3367	
45 & above	7	6	90	187	134	43	467	
Age Not Stated	3	4	44	103	52	193	399	
All Areas Total	1997	1370	37430	229894	156705	52717	480113	

Table-B10

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

Level of Education of Father	Birth Order													13 & Above	Not Stated	Total
	1	2	3	4	5	6	7	8	9	10	11	12				
Rural Areas																
Illiterate	149	184	115	90	36	28	12	6	1	2	0	0	0	7	630	
Below Primary	106	157	67	52	25	8	14	2	7	1	0	0	0	5	444	
Primary but below Metric	6450	8000	4653	1465	370	171	94	39	25	12	0	0	0	31	21310	
Metric but below Graduate	30888	27682	10709	2330	439	78	31	13	3	0	0	0	0	21	72194	
Graduate and Above	18767	10791	2414	434	95	13	4	4	2	0	0	0	0	11	32535	
Not Stated	5786	4576	1973	536	158	50	20	9	10	6	0	0	0	77	13201	
Rural Total	62146	51390	19931	4907	1123	348	175	73	48	21	0	0	0	152	140314	
Urban Areas																
Illiterate	707	638	261	80	36	18	6	2	2	2	0	0	0	1	1753	
Below Primary	504	679	514	200	57	10	7	2	1	0	0	0	0	1	1975	
Primary but below Metric	17361	20561	11120	3140	624	151	40	19	8	3	0	0	0	14	53041	
Metric but below Graduate	77626	65004	24450	5675	942	156	29	10	3	3	0	0	0	22	173920	
Graduate and Above	40840	23569	5247	938	139	24	11	0	0	0	0	0	0	5	70773	
Not Stated	18713	14238	4395	755	121	35	11	7	1	1	0	0	0	60	38337	
Urban Total	155751	124689	45987	10788	1919	394	104	40	15	9	0	0	0	103	339799	
All Areas																
Illiterate	856	822	376	170	72	46	18	8	3	4	0	0	0	8	2383	
Below Primary	610	836	581	252	82	18	21	4	8	1	0	0	0	6	2419	
Primary but below Metric	23811	28561	15773	4605	994	322	134	58	33	15	0	0	0	45	74351	
Metric but below Graduate	108514	92686	35159	8005	1381	234	60	23	6	3	0	0	0	43	246114	
Graduate and Above	59607	34360	7661	1372	234	37	15	4	2	0	0	0	0	16	103308	
Not Stated	24499	18814	6368	1291	279	85	31	16	11	7	0	0	0	137	51538	
All Total	217897	176079	65918	15695	3042	742	279	113	63	30	0	0	0	255	480113	

Table-B11

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

Level of Education of Mother	Birth Order														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above	Not Stated	
Rural Areas															
Illiterate	143	201	124	82	37	28	16	5	2	3	0	0	0	6	647
Below Primary	88	88	62	43	25	14	17	3	7	0	0	0	0	5	352
Primary but below Metric	3136	3729	2379	973	317	148	94	38	24	10	0	0	0	30	10878
Metric but below Graduate	25432	25289	11750	2779	518	91	25	17	5	0	0	0	0	19	65925
Graduate and Above	27282	17532	3668	497	67	14	2	1	0	0	0	0	0	13	49076
Not Stated	6065	4551	1948	533	159	53	21	9	10	8	0	0	0	79	13436
Rural Total	62146	51390	19931	4907	1123	348	175	73	48	21	0	0	0	152	140314
Urban Areas															
Illiterate	568	460	186	71	35	16	5	4	2	2	0	0	0	1	1350
Below Primary	342	343	207	83	29	7	2	1	2	0	0	0	0	2	1018
Primary but below Metric	8019	9500	6157	2153	521	128	46	13	5	2	0	0	0	8	26552
Metric but below Graduate	66864	61812	27251	6691	1080	191	32	15	5	4	0	0	0	24	163969
Graduate and Above	60444	38186	7782	1046	134	20	8	1	0	0	0	0	0	8	107629
Not Stated	19514	14388	4404	744	120	32	11	6	1	1	0	0	0	60	39281
Urban Total	155751	124689	45987	10788	1919	394	104	40	15	9	0	0	0	103	339799
All Areas															
Illiterate	711	661	310	153	72	44	21	9	4	5	0	0	0	7	1997
Below Primary	430	431	269	126	54	21	19	4	9	0	0	0	0	7	1370
Primary but below Metric	11155	13229	8536	3126	838	276	140	51	29	12	0	0	0	38	37430
Metric but below Graduate	92296	87101	39001	9470	1598	282	57	32	10	4	0	0	0	43	229894
Graduate and Above	87726	55718	11450	1543	201	34	10	2	0	0	0	0	0	21	156705
Not Stated	25579	18939	6352	1277	279	85	32	15	11	9	0	0	0	139	52717
All Total	217897	176079	65918	15695	3042	742	279	113	63	30	0	0	0	255	480113

TABLE - B12

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

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	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3
15-19	5571	116	41	12	0	0	0	0	0	0	0	0	0	7	5747
20-24	28274	12791	1573	221	22	16	0	0	0	0	0	0	0	33	42930
25-29	20888	21487	8070	1165	172	55	32	11	0	0	0	0	0	14	51894
30-34	5563	13110	7578	2206	456	111	50	22	12	6	0	0	0	3	29117
35-39	1327	3327	2421	1189	397	117	62	27	21	10	0	0	0	0	8898
40-44	379	428	231	100	71	42	24	11	10	5	0	0	0	0	1301
45 & above	121	112	12	9	4	7	6	0	5	0	0	0	0	0	276
Age Not Stated	21	19	5	5	1	0	1	2	0	0	0	0	0	94	148
All Education Levels Total	62146	51390	19931	4907	1123	348	175	73	48	21	0	0	0	152	140314
Illiterate															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	16	3	6	1	0	0	0	0	0	0	0	0	0	2	28
20-24	71	89	38	22	2	2	0	0	0	0	0	0	0	1	225
25-29	35	53	43	35	11	11	3	1	0	0	0	0	0	1	193

30-34	14	42	21	18	14	6	6	2	1	0	0	0	0	1	125
35-39	7	11	10	3	6	8	3	1	1	3	0	0	0	0	53
40-44	0	2	4	1	4	1	2	1	0	0	0	0	0	0	15
45 & above	0	1	2	2	0	0	1	0	0	0	0	0	0	0	6
Age Not Stated	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2
Illiterate Total	143	201	124	82	37	28	16	5	2	3	0	0	0	6	647
Below Primary															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15-19	13	0	3	0	0	0	0	0	0	0	0	0	0	0	16
20-24	31	28	13	9	2	2	0	0	0	0	0	0	0	2	87
25-29	27	29	28	14	9	6	7	1	0	0	0	0	0	3	124
30-34	10	26	12	5	7	2	5	0	4	0	0	0	0	0	71
35-39	5	3	4	13	6	4	4	0	1	0	0	0	0	0	40
40-44	1	2	2	1	1	0	1	1	2	0	0	0	0	0	11
45 & above	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Age Not Stated	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Below Primary Total	88	88	62	43	25	14	17	3	7	0	0	0	0	5	352
Primary but below Metric															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	371	25	18	8	0	0	0	0	0	0	0	0	0	2	424
20-24	1340	893	255	85	12	8	0	0	0	0	0	0	0	18	2611

25-29	754	1342	803	229	62	25	18	8	0	0	0	0	0	7	3248
30-34	364	952	861	384	122	56	23	12	6	4	0	0	0	0	2784
35-39	210	411	390	241	97	42	35	13	11	5	0	0	0	0	1455
40-44	69	77	45	22	21	16	14	5	6	1	0	0	0	0	276
45 & above	26	28	5	3	3	1	4	0	1	0	0	0	0	0	71
Age Not Stated	2	1	2	1	0	0	0	0	0	0	0	0	0	3	9
Primary but below Metric Total	3136	3729	2379	973	317	148	94	38	24	10	0	0	0	30	10878
Metric but below Graduate															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	4453	62	7	1	0	0	0	0	0	0	0	0	0	1	4524
20-24	13364	8768	1040	70	1	0	0	0	0	0	0	0	0	4	23247
25-29	5134	9851	5319	674	54	5	2	0	0	0	0	0	0	1	21040
30-34	1756	5027	4139	1343	223	32	8	5	0	0	0	0	0	1	12534
35-39	493	1358	1140	649	208	41	9	10	4	0	0	0	0	0	3912
40-44	176	173	97	39	31	12	5	2	1	0	0	0	0	0	536
45 & above	45	36	5	2	1	1	1	0	0	0	0	0	0	0	91
Age Not Stated	11	14	3	1	0	0	0	0	0	0	0	0	0	12	41
Metric but below Graduate Total	25432	25289	11750	2779	518	91	25	17	5	0	0	0	0	19	65925
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	10689	1914	72	6	0	1	0	0	0	0	0	0	0	0	12682
25-29	13004	8266	1106	91	5	0	0	0	0	0	0	0	0	0	22472
30-34	2918	5931	1770	215	22	2	1	0	0	0	0	0	0	0	10859
35-39	511	1238	651	157	31	6	1	1	0	0	0	0	0	0	2596
40-44	110	140	69	27	9	5	0	0	0	0	0	0	0	0	360
45 & above	45	41	0	1	0	0	0	0	0	0	0	0	0	0	87
Age Not Stated	5	2	0	0	0	0	0	0	0	0	0	0	0	13	20
Graduate and Above Total	27282	17532	3668	497	67	14	2	1	0	0	0	0	0	13	49076
Not Stated															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2
15-19	718	26	7	2	0	0	0	0	0	0	0	0	0	2	755
20-24	2779	1099	155	29	5	3	0	0	0	0	0	0	0	8	4078
25-29	1934	1946	771	122	31	8	2	1	0	0	0	0	0	2	4817
30-34	501	1132	775	241	68	13	7	3	1	2	0	0	0	1	2744
35-39	101	306	226	126	49	16	10	2	4	2	0	0	0	0	842
40-44	23	34	14	10	5	8	2	2	1	4	0	0	0	0	103
45 & above	5	6	0	0	0	5	0	0	4	0	0	0	0	0	20
Age Not Stated	3	2	0	3	1	0	0	1	0	0	0	0	0	65	75
Not Stated Total	6064	4551	1948	533	159	53	21	9	10	8	0	0	0	78	13434

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														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above	Not Stated	
All Education Levels															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	15026	200	18	4	0	0	0	0	0	0	0	0	0	0	15248
20-24	75145	31459	3661	203	12	1	0	0	0	0	0	0	0	5	110486
25-29	49584	53471	19536	2529	214	27	9	2	0	0	0	0	0	18	125390
30-34	12381	31201	17266	5157	828	145	33	11	4	2	0	0	0	4	67032
35-39	2936	7557	5055	2620	725	168	37	20	8	5	0	0	0	4	19135
40-44	484	682	417	263	135	50	24	6	3	2	0	0	0	0	2066
45 & above	88	65	20	8	5	3	1	1	0	0	0	0	0	0	191
Age Not Stated	107	54	14	4	0	0	0	0	0	0	0	0	0	72	251
All Education Levels Total	155751	124689	45987	10788	1919	394	104	40	15	9	0	0	0	103	339799
Illiterate															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	28	1	0	0	0	0	0	0	0	0	0	0	0	0	29
20-24	221	94	23	5	2	0	0	0	0	0	0	0	0	1	346
25-29	235	200	74	28	7	1	1	0	0	0	0	0	0	0	546

30-34	60	142	62	26	17	8	1	1	1	0	0	0	0	0	318
35-39	22	17	26	11	8	6	2	3	1	1	0	0	0	0	97
40-44	2	5	1	0	1	1	1	0	0	1	0	0	0	0	12
45 & above	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Age Not Stated	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Illiterate Total	568	460	186	71	35	16	5	4	2	2	0	0	0	1	1350
Below Primary															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	20	2	0	0	0	0	0	0	0	0	0	0	0	0	22
20-24	121	72	26	4	0	0	0	0	0	0	0	0	0	1	224
25-29	129	123	80	31	8	1	0	0	0	0	0	0	0	0	372
30-34	40	94	56	27	7	2	0	1	1	0	0	0	0	0	228
35-39	24	42	42	19	9	2	2	0	1	0	0	0	0	0	141
40-44	5	7	3	2	4	2	0	0	0	0	0	0	0	0	23
45 & above	3	1	0	0	1	0	0	0	0	0	0	0	0	0	5
Age Not Stated	0	2	0	0	0	0	0	0	0	0	0	0	0	1	3
Below primary Total	342	341	207	83	29	7	2	1	2	0	0	0	0	1	1015
Primary but below Metric															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	994	41	3	1	0	0	0	0	0	0	0	0	0	0	1039
20-24	3513	2662	606	52	4	1	0	0	0	0	0	0	0	0	6838

25-29	1879	3359	2359	428	61	13	4	1	0	0	0	0	0	3	8107
30-34	1013	2343	2268	980	193	51	16	3	1	1	0	0	0	0	6869
35-39	503	973	839	622	221	53	15	6	3	1	0	0	0	4	3240
40-44	93	112	70	66	41	10	10	2	1	0	0	0	0	0	405
45 & above	5	4	4	3	1	0	1	1	0	0	0	0	0	0	19
Age Not Stated	19	6	8	1	0	0	0	0	0	0	0	0	0	1	35
Primary but below Metric Total	8019	9500	6157	2153	521	128	46	13	5	2	0	0	0	8	26552
Metric but below Graduate															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	11483	117	12	3	0	0	0	0	0	0	0	0	0	0	11615
20-24	36050	20747	2442	119	4	0	0	0	0	0	0	0	0	1	59363
25-29	13712	25504	12438	1683	109	11	3	1	0	0	0	0	0	12	53473
30-34	4097	12115	9634	3238	489	65	10	2	0	1	0	0	0	4	29655
35-39	1252	2997	2510	1502	404	91	9	9	3	2	0	0	0	0	8779
40-44	193	275	204	142	73	23	10	3	2	1	0	0	0	0	926
45 & above	48	35	9	2	1	1	0	0	0	0	0	0	0	0	96
Age Not Stated	29	22	2	2	0	0	0	0	0	0	0	0	0	7	62
Metric but below Graduate Total	66864	61812	27251	6691	1080	191	32	15	5	4	0	0	0	24	163969
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	25943	4149	187	7	0	0	0	0	0	0	0	0	0	2	30288
25-29	27691	17928	2659	168	9	0	0	0	0	0	0	0	0	3	48458
30-34	5810	13105	3629	552	63	8	1	0	0	0	0	0	0	0	23168
35-39	827	2770	1203	283	50	6	5	1	0	0	0	0	0	0	5145
40-44	133	205	101	34	11	5	2	0	0	0	0	0	0	0	491
45 & above	22	18	3	2	1	1	0	0	0	0	0	0	0	0	47
Age Not Stated	18	11	0	0	0	0	0	0	0	0	0	0	0	3	32
Graduate and Above Total	60444	38186	7782	1046	134	20	8	1	0	0	0	0	0	8	107629
Not Stated															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	2501	39	3	0	0	0	0	0	0	0	0	0	0	0	2543
20-24	9297	3735	377	16	2	0	0	0	0	0	0	0	0	0	13427
25-29	5938	6357	1926	191	20	1	1	0	0	0	0	0	0	0	14434
30-34	1361	3402	1617	334	59	11	5	4	1	0	0	0	0	0	6794
35-39	308	758	435	183	33	10	4	1	0	1	0	0	0	0	1733
40-44	58	78	38	19	5	9	1	1	0	0	0	0	0	0	209
45 & above	10	7	4	0	1	1	0	0	0	0	0	0	0	0	23
Age Not Stated	41	12	4	1	0	0	0	0	0	0	0	0	0	60	118
Not Stated Total	19514	14388	4404	744	120	32	11	6	1	1	0	0	0	60	39281

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	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3
15-19	20597	316	59	16	0	0	0	0	0	0	0	0	0	7	20995
20-24	103419	44250	5234	424	34	17	0	0	0	0	0	0	0	38	153416
25-29	70472	74958	27606	3694	386	82	41	13	0	0	0	0	0	32	177284
30-34	17944	44311	24844	7363	1284	256	83	33	16	8	0	0	0	7	96149
35-39	4263	10884	7476	3809	1122	285	99	47	29	15	0	0	0	4	28033
40-44	863	1110	648	363	206	92	48	17	13	7	0	0	0	0	3367
45 & above	209	177	32	17	9	10	7	1	5	0	0	0	0	0	467
Age Not Stated	128	73	19	9	1	0	1	2	0	0	0	0	0	166	399
All Education Levels Total	217897	176079	65918	15695	3042	742	279	113	63	30	0	0	0	255	480113
Illiterate															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	44	4	6	1	0	0	0	0	0	0	0	0	0	2	57
20-24	292	183	61	27	4	2	0	0	0	0	0	0	0	2	571
25-29	270	253	117	63	18	12	4	1	0	0	0	0	0	1	739

30-34	74	184	83	44	31	14	7	3	2	0	0	0	0	1	443
35-39	29	28	36	14	14	14	5	4	2	4	0	0	0	0	150
40-44	2	7	5	1	5	2	3	1	0	1	0	0	0	0	27
45 & above	0	1	2	3	0	0	1	0	0	0	0	0	0	0	7
Age Not Stated	0	1	0	0	0	0	1	0	0	0	0	0	0	1	3
Illiterate Total	711	661	310	153	72	44	21	9	4	5	0	0	0	7	1997
Below Primary															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15-19	33	2	3	0	0	0	0	0	0	0	0	0	0	0	38
20-24	152	100	39	13	2	2	0	0	0	0	0	0	0	3	311
25-29	156	152	108	45	17	7	7	1	0	0	0	0	0	3	496
30-34	50	120	68	32	14	4	5	1	5	0	0	0	0	0	299
35-39	29	45	46	32	15	6	6	0	2	0	0	0	0	0	181
40-44	6	9	5	3	5	2	1	1	2	0	0	0	0	0	34
45 & above	3	1	0	1	1	0	0	0	0	0	0	0	0	0	6
Age Not Stated	0	2	0	0	0	0	0	1	0	0	0	0	0	1	4
Below Primary Total	429	429	269	126	54	21	19	3	9	0	0	0	0	6	1365
Primary but below Metric															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	1365	66	21	9	0	0	0	0	0	0	0	0	0	2	1463
20-24	4853	3555	861	137	16	9	0	0	0	0	0	0	0	18	9449

25-29	2633	4701	3162	657	123	38	22	9	0	0	0	0	0	10	11355
30-34	1377	3295	3129	1364	315	107	39	15	7	5	0	0	0	0	9653
35-39	713	1384	1229	863	318	95	50	19	14	6	0	0	0	4	4695
40-44	162	189	115	88	62	26	24	7	7	1	0	0	0	0	681
45 & above	31	32	9	6	4	1	5	1	1	0	0	0	0	0	90
Age Not Stated	21	7	10	2	0	0	0	0	0	0	0	0	0	4	44
Primary but below Metric Total	11155	13229	8536	3126	838	276	140	51	29	12	0	0	0	38	37430
Metric but below Graduate															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	15936	179	19	4	0	0	0	0	0	0	0	0	0	1	16139
20-24	49414	29515	3482	189	5	0	0	0	0	0	0	0	0	5	82610
25-29	18846	35355	17757	2357	163	16	5	1	0	0	0	0	0	13	74513
30-34	5853	17142	13773	4581	712	97	18	7	0	1	0	0	0	5	42189
35-39	1745	4355	3650	2151	612	132	18	19	7	2	0	0	0	0	12691
40-44	369	448	301	181	104	35	15	5	3	1	0	0	0	0	1462
45 & above	93	71	14	4	2	2	1	0	0	0	0	0	0	0	187
Age Not Stated	40	36	5	3	0	0	0	0	0	0	0	0	0	19	103
Metric but below Graduate Total	92296	87101	39001	9470	1598	282	57	32	10	4	0	0	0	43	229894
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	36632	6063	259	13	0	1	0	0	0	0	0	0	0	2	42970
25-29	40695	26194	3765	259	14	0	0	0	0	0	0	0	0	3	70930
30-34	8728	19036	5399	767	85	10	2	0	0	0	0	0	0	0	34027
35-39	1338	4008	1854	440	81	12	6	2	0	0	0	0	0	0	7741
40-44	243	345	170	61	20	10	2	0	0	0	0	0	0	0	851
45 & above	67	59	3	3	1	1	0	0	0	0	0	0	0	0	134
Age Not Stated	23	13	0	0	0	0	0	0	0	0	0	0	0	16	52
Graduate and Above Total	87726	55718	11450	1543	201	34	10	2	0	0	0	0	0	21	156705
Not Stated															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2
15-19	3219	65	10	2	0	0	0	0	0	0	0	0	0	2	3298
20-24	12076	4834	532	45	7	3	0	0	0	0	0	0	0	8	17505
25-29	7872	8303	2697	313	51	9	3	1	0	0	0	0	0	2	19251
30-34	1862	4534	2392	575	127	24	12	7	2	2	0	0	0	1	9538
35-39	409	1064	661	309	82	26	14	3	4	3	0	0	0	0	2575
40-44	81	112	52	29	10	17	3	3	1	4	0	0	0	0	312
45 & above	15	13	4	0	1	6	0	0	4	0	0	0	0	0	43
Age Not Stated	44	14	4	4	1	0	0	1	0	0	0	0	0	125	193
Not Stated Total	25578	18939	6352	1277	279	85	32	15	11	9	0	0	0	138	52715

TABLE - B14

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

Age of Mother & Religion of Family	Birth Order														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above	Not Stated	
Hindus															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2
15-19	1094	41	15	2	0	0	0	0	0	0	0	0	0	1	1153
20-24	11378	3242	336	64	6	4	0	0	0	0	0	0	0	9	15039
25-29	10606	9040	1340	177	43	23	11	3	0	0	0	0	0	2	21245
30-34	2915	6700	1259	119	49	16	7	2	4	2	0	0	0	1	11074
35-39	785	1865	510	66	33	12	11	2	5	3	0	0	0	0	3292
40-44	265	273	62	9	11	5	0	1	1	1	0	0	0	0	628
45 & above	86	78	4	3	0	4	0	0	1	0	0	0	0	0	176
Age Not Stated	9	9	0	1	0	0	0	0	0	0	0	0	0	19	38
Hindus Total	27139	21248	3526	441	142	64	29	8	11	6	0	0	0	33	52647
Muslims															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15-19	4272	65	17	5	0	0	0	0	0	0	0	0	0	5	4364

20-24	13596	8501	1055	93	5	8	0	0	0	0	0	0	0	7	23265
25-29	3463	8438	5934	863	80	6	4	5	0	0	0	0	0	5	18798
30-34	800	2413	4869	1887	337	57	23	7	2	2	0	0	0	1	10398
35-39	235	489	1161	929	314	74	17	13	7	3	0	0	0	0	3242
40-44	56	45	69	63	43	24	10	4	1	1	0	0	0	0	316
45 & above	11	10	2	3	2	2	0	0	3	0	0	0	0	0	33
Age Not Stated	8	9	5	3	1	0	1	1	0	0	0	0	0	2	30
Muslims Total	22442	19970	13112	3846	782	171	55	30	13	6	0	0	0	20	60447
Christians															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	195	9	9	5	0	0	0	0	0	0	0	0	0	1	219
20-24	3225	996	178	62	11	4	0	0	0	0	0	0	0	17	4493
25-29	6695	3915	777	123	49	26	17	3	0	0	0	0	0	7	11612
30-34	1808	3925	1428	195	70	38	20	12	6	2	0	0	0	1	7505
35-39	296	951	739	189	50	30	33	12	9	4	0	0	0	0	2313
40-44	56	106	99	28	17	13	14	6	8	3	0	0	0	0	350
45 & above	24	24	6	3	2	1	6	0	1	0	0	0	0	0	67
Age Not Stated	4	1	0	1	0	0	0	1	0	0	0	0	0	10	17
Christians Total	12303	9927	3236	606	199	112	90	34	24	9	0	0	0	36	26576
Others															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

15-19	10	1	0	0	0	0	0	0	0	0	0	0	0	0	11
20-24	75	51	4	0	0	0	0	0	0	0	0	0	0	0	130
25-29	123	94	18	2	0	0	0	0	0	0	0	0	0	0	237
30-34	40	72	22	5	0	0	0	1	0	0	0	0	0	0	140
35-39	11	21	11	5	0	1	1	0	0	0	0	0	0	0	50
40-44	2	4	1	0	0	0	0	0	0	0	0	0	0	0	7
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	261	243	56	12	0	1	1	1	0	0	0	0	0	0	575
Not Stated															
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	1	0	2	0	0	0	0	0	0	0	0	0	0	3
25-29	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
30-34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35-39	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
40-44	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
Age Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63
Not Stated Total	1	2	1	2	0	0	0	0	0	0	0	0	0	63	69
All religions															

Below 15	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3
15-19	5571	116	41	12	0	0	0	0	0	0	0	0	0	7	5747
20-24	28274	12791	1573	221	22	16	0	0	0	0	0	0	0	33	42930
25-29	20888	21487	8070	1165	172	55	32	11	0	0	0	0	0	14	51894
30-34	5563	13110	7578	2206	456	111	50	22	12	6	0	0	0	3	29117
35-39	1327	3327	2421	1189	397	117	62	27	21	10	0	0	0	0	8898
40-44	379	428	231	100	71	42	24	11	10	5	0	0	0	0	1301
45 & above	121	112	12	9	4	7	6	0	5	0	0	0	0	0	276
Age Not Stated	21	19	5	5	1	0	1	2	0	0	0	0	0	94	148
All religions Total	62146	51390	19931	4907	1123	348	175	73	48	21	0	0	0	152	140314

TABLE - B15

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

Age of Mother & Religion of Family	Birth Order														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above	Not Stated	
Hindus															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	3091	41	0	0	0	0	0	0	0	0	0	0	0	0	3132
20-24	33797	8519	625	42	4	0	0	0	0	0	0	0	0	3	42990
25-29	29935	25615	3096	289	46	9	1	1	0	0	0	0	0	6	58998
30-34	7530	19037	3197	262	47	18	2	1	1	0	0	0	0	2	30097
35-39	1937	4869	1112	110	29	14	6	6	2	0	0	0	0	3	8088
40-44	326	439	92	12	8	2	2	0	0	0	0	0	0	0	881
45 & above	69	52	7	2	1	0	0	0	0	0	0	0	0	0	131
Age Not Stated	47	29	8	1	0	0	0	0	0	0	0	0	0	12	97
Hindus Total	76732	58601	8137	718	135	43	11	8	3	0	0	0	0	26	144414
Muslims															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	11548	155	18	4	0	0	0	0	0	0	0	0	0	0	11725
20-24	34787	21099	2858	143	6	0	0	0	0	0	0	0	0	1	58894
25-29	8883	21324	15150	2150	160	14	5	0	0	0	0	0	0	5	47691

30-34	1956	6103	11834	4662	752	121	28	6	1	2	0	0	0	1	25466
35-39	604	1263	2794	2302	659	146	30	12	5	3	0	0	0	1	7819
40-44	96	122	178	207	115	42	20	6	3	2	0	0	0	0	791
45 & above	7	5	10	4	4	2	1	1	0	0	0	0	0	0	34
Age Not Stated	36	19	4	3	0	0	0	0	0	0	0	0	0	4	66
Muslims Total	57917	50090	32846	9475	1696	325	84	25	9	7	0	0	0	12	152486
Christians															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	363	4	0	0	0	0	0	0	0	0	0	0	0	0	367
20-24	6404	1796	174	18	2	1	0	0	0	0	0	0	0	1	8396
25-29	10557	6437	1266	87	7	4	3	1	0	0	0	0	0	7	18369
30-34	2807	5991	2213	229	28	6	3	4	2	0	0	0	0	1	11284
35-39	378	1397	1139	206	37	7	1	2	1	1	0	0	0	0	3169
40-44	61	119	144	44	12	6	2	0	0	0	0	0	0	0	388
45 & above	11	8	3	2	0	1	0	0	0	0	0	0	0	0	25
Age Not Stated	9	6	1	0	0	0	0	0	0	0	0	0	0	6	22
Christians Total	20590	15758	4940	586	86	25	9	7	3	1	0	0	0	15	42020
Others															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24
20-24	157	45	4	0	0	0	0	0	0	0	0	0	0	0	206

25-29	209	95	24	3	1	0	0	0	0	0	0	0	0	0	332
30-34	88	70	22	4	1	0	0	0	0	0	0	0	0	0	185
35-39	17	28	10	2	0	1	0	0	0	1	0	0	0	0	59
40-44	1	2	3	0	0	0	0	0	0	0	0	0	0	0	6
45 & above	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Age Not Stated	15	0	1	0	0	0	0	0	0	0	0	0	0	4	20
Others Total	512	240	64	9	2	1	0	0	0	1	0	0	0	4	833
Not Stated															
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	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
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	46	46
Not Stated Total	0	0	0	0	0	0	0	0	0	0	0	0	0	46	46

All religions															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	15026	200	18	4	0	0	0	0	0	0	0	0	0	0	15248
20-24	75145	31459	3661	203	12	1	0	0	0	0	0	0	0	5	110486
25-29	49584	53471	19536	2529	214	27	9	2	0	0	0	0	0	18	125390
30-34	12381	31201	17266	5157	828	145	33	11	4	2	0	0	0	4	67032
35-39	2936	7557	5055	2620	725	168	37	20	8	5	0	0	0	4	19135
40-44	484	682	417	263	135	50	24	6	3	2	0	0	0	0	2066
45 & above	88	65	20	8	5	3	1	1	0	0	0	0	0	0	191
Age Not Stated	107	54	14	4	0	0	0	0	0	0	0	0	0	72	251
All religions Total	155751	124689	45987	10788	1919	394	104	40	15	9	0	0	0	103	339799

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														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13 & Above	Not Stated	
Hindus															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2
15-19	4185	82	15	2	0	0	0	0	0	0	0	0	0	1	4285
20-24	45175	11761	961	106	10	4	0	0	0	0	0	0	0	12	58029
25-29	40541	34655	4436	466	89	32	12	4	0	0	0	0	0	8	80243
30-34	10445	25737	4456	381	96	34	9	3	5	2	0	0	0	3	41171
35-39	2722	6734	1622	176	62	26	17	8	7	3	0	0	0	3	11380
40-44	591	712	154	21	19	7	2	1	1	1	0	0	0	0	1509
45 & above	155	130	11	5	1	4	0	0	1	0	0	0	0	0	307
Age Not Stated	56	38	8	2	0	0	0	0	0	0	0	0	0	31	135
Hindus Total	103871	79849	11663	1159	277	107	40	16	14	6	0	0	0	59	197061
Muslims															
Below 15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15-19	15820	220	35	9	0	0	0	0	0	0	0	0	0	5	16089
20-24	48383	29600	3913	236	11	8	0	0	0	0	0	0	0	8	82159
25-29	12346	29762	21084	3013	240	20	9	5	0	0	0	0	0	10	66489

30-34	2756	8516	16703	6549	1089	178	51	13	3	4	0	0	0	2	35864
35-39	839	1752	3955	3231	973	220	47	25	12	6	0	0	0	1	11061
40-44	152	167	247	270	158	66	30	10	4	3	0	0	0	0	1107
45 & above	18	15	12	7	6	4	1	1	3	0	0	0	0	0	67
Age Not Stated	44	28	9	6	1	0	1	1	0	0	0	0	0	6	96
Muslims Total	80359	70060	45958	13321	2478	496	139	55	22	13	0	0	0	32	212933
Christians															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	558	13	9	5	0	0	0	0	0	0	0	0	0	1	586
20-24	9629	2792	352	80	13	5	0	0	0	0	0	0	0	18	12889
25-29	17252	10352	2043	210	56	30	20	4	0	0	0	0	0	14	29981
30-34	4615	9916	3641	424	98	44	23	16	8	2	0	0	0	2	18789
35-39	674	2348	1878	395	87	37	34	14	10	5	0	0	0	0	5482
40-44	117	225	243	72	29	19	16	6	8	3	0	0	0	0	738
45 & above	35	32	9	5	2	2	6	0	1	0	0	0	0	0	92
Age Not Stated	13	7	1	1	0	0	0	1	0	0	0	0	0	16	39
Christians Total	32893	25685	8176	1192	285	137	99	41	27	10	0	0	0	51	68596
Others															
Below 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	34	1	0	0	0	0	0	0	0	0	0	0	0	0	35
20-24	232	96	8	0	0	0	0	0	0	0	0	0	0	0	336

25-29	332	189	42	5	1	0	0	0	0	0	0	0	0	0	569
30-34	128	142	44	9	1	0	0	1	0	0	0	0	0	0	325
35-39	28	49	21	7	0	2	1	0	0	1	0	0	0	0	109
40-44	3	6	4	0	0	0	0	0	0	0	0	0	0	0	13
45 & above	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Age Not Stated	15	0	1	0	0	0	0	0	0	0	0	0	0	4	20
Others Total	773	483	120	21	2	2	1	1	0	1	0	0	0	4	1408
Not Stated															
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	1	0	2	0	0	0	0	0	0	0	0	0	0	3
25-29	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
30-34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35-39	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
40-44	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
Age Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0	109	109

Not Stated Total	1	2	1	2	0	0	0	0	0	0	0	0	0	109	115
All religions															
Below 15	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3
15-19	20597	316	59	16	0	0	0	0	0	0	0	0	0	7	20995
20-24	103419	44250	5234	424	34	17	0	0	0	0	0	0	0	38	153416
25-29	70472	74958	27606	3694	386	82	41	13	0	0	0	0	0	32	177284
30-34	17944	44311	24844	7363	1284	256	83	33	16	8	0	0	0	7	96149
35-39	4263	10884	7476	3809	1122	285	99	47	29	15	0	0	0	4	28033
40-44	863	1110	648	363	206	92	48	17	13	7	0	0	0	0	3367
45 & above	209	177	32	17	9	10	7	1	5	0	0	0	0	0	467
Age Not Stated	128	73	19	9	1	0	1	2	0	0	0	0	0	166	399
All religions Total	217897	176079	65918	15695	3042	742	279	113	63	30	0	0	0	255	480113

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	1 1	1 2	13 & Above	Not Stated	
All Areas															
Professional, Technical and related workers	220	192	50	11	0	0	0	0	1	0	0	0	0	0	474
Administrative, Executive and Managerial Workers	2305	1553	278	47	6	4	1	0	0	0	0	0	0	3	4197
Clerical and Related Workers	1838	1419	309	54	10	3	1	1	0	0	0	0	0	2	3637
Sales Workers	6618	5771	2590	645	138	23	8	4	1	0	0	0	0	6	15804
Service Workers	4857	3672	794	168	42	17	9	5	2	1	0	0	0	5	9572
Farmers, Fishers, Hunters, Loggers & related workers	5202	5843	2952	728	206	74	51	11	13	6	0	0	0	19	15105
Production and other related workers, transport & other equipment operators & labourers	51766	47534	20551	5142	944	176	42	16	11	2	0	0	0	28	126212
Workers whose occupation are not elsewhere classified	102770	79708	29246	7127	1315	298	87	29	12	5	0	0	0	27	220624
Non Workers	6219	5267	1895	472	139	76	38	24	8	6	0	0	0	17	14161
Not Stated	36102	25120	7253	1301	242	71	42	23	15	10	0	0	0	148	70327

All Areas Total	217897	176079	65918	15695	3042	742	279	113	63	30	0	0	0	255	480113
Rural Areas															
Administrative, Executive and Managerial Workers	855	567	110	21	5	3	0	0	0	0	0	0	0	2	1563
Clerical and Related Workers	687	533	150	28	6	3	1	0	0	0	0	0	0	2	1410
Sales Workers	2310	2035	891	210	50	14	7	2	1	0	0	0	0	4	5524
Service Workers	1720	1387	338	81	23	12	8	4	2	1	0	0	0	4	3580
Farmers, Fishers, Hunters, Loggers & related workers	2774	3073	1481	372	136	61	40	10	11	4	0	0	0	18	7980
Production and other related workers, transport & other equipment operators & labourers	13295	12134	5270	1182	212	36	13	7	4	0	0	0	0	7	32160
Workers whose occupation are not elsewhere classified	27060	21873	8261	2193	455	108	40	13	7	2	0	0	0	13	60025
Non Workers	2700	2551	1086	319	114	70	36	22	8	5	0	0	0	16	6927
Not Stated	10745	7237	2344	501	122	41	30	15	15	9	0	0	0	86	21145
Rural Areas Total	62146	51390	19931	4907	1123	348	175	73	48	21	0	0	0	152	140314
Urban Areas															
Professional, Technical and related workers	220	192	50	11	0	0	0	0	1	0	0	0	0	0	474
Administrative, Executive and Managerial Workers	1450	986	168	26	1	1	1	0	0	0	0	0	0	1	2634
Clerical and Related Workers	1151	886	159	26	4	0	0	1	0	0	0	0	0	0	2227
Sales Workers	4308	3736	1699	435	88	9	1	2	0	0	0	0	0	2	10280

Service Workers	3137	2285	456	87	19	5	1	1	0	0	0	0	0	1	5992
Farmers, Fishers, Hunters, Loggers & related workers	2428	2770	1471	356	70	13	11	1	2	2	0	0	0	1	7125
Production and other related workers, transport & other equipment operators & labourers	38471	35400	15281	3960	732	140	29	9	7	2	0	0	0	21	94052
Workers whose occupation are not elsewhere classified	75710	57835	20985	4934	860	190	47	16	5	3	0	0	0	14	160599
Non Workers	3519	2716	809	153	25	6	2	2	0	1	0	0	0	1	7234
Not Stated	25357	17883	4909	800	120	30	12	8	0	1	0	0	0	62	49182
Urban Areas Total	155751	124689	45987	10788	1919	394	104	40	15	9	0	0	0	103	339799

TABLE - B17

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

Occupation of Mother	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	220	192	50	11	0	0	0	0	1	0	0	0	0	0	474
Administrative, Executive and Managerial Workers	479	369	60	6	0	0	0	0	0	0	0	0	0	2	916
Clerical and Related Workers	553	560	76	10	1	1	0	0	0	0	0	0	0	2	1203
Sales Workers	141	102	34	8	3	2	0	1	0	0	0	0	0	1	292
Service Workers	606	447	71	11	5	1	0	0	1	1	0	0	0	5	1148
Farmers, Fishers, Hunters, Loggers & related workers	240	294	79	16	17	5	7	1	2	0	0	0	0	0	661
Production and other related workers, transport & other equipment operators & labourers	657	560	182	45	10	7	3	0	1	0	0	0	0	0	1465
Workers whose occupation are not elsewhere classified	39553	30168	10209	2478	516	103	35	15	5	1	0	0	0	23	83106
Non Workers	125663	105951	42941	10597	1978	496	163	66	38	16	0	0	0	76	287985
Not Stated	49785	37436	12216	2513	512	127	71	30	15	12	0	0	0	146	102863
All Areas Total	217897	176079	65918	15695	3042	742	279	113	63	30	0	0	0	255	480113

Rural Areas															
Administrative, Executive and Managerial Workers	169	145	28	1	0	0	0	0	0	0	0	0	0	2	345
Clerical and Related Workers	168	185	33	4	1	1	0	0	0	0	0	0	0	1	393
Sales Workers	42	38	17	7	2	2	0	1	0	0	0	0	0	1	110
Service Workers	182	170	30	8	5	1	0	0	1	1	0	0	0	4	402
Farmers, Fishers, Hunters, Loggers & related workers	216	266	67	15	14	5	7	1	2	0	0	0	0	0	593
Production and other related workers, transport & other equipment operators & labourers	108	68	43	8	4	3	2	0	0	0	0	0	0	0	236
Workers whose occupation are not elsewhere classified	7972	6117	1660	397	82	22	3	4	2	0	0	0	0	10	16269
Non Workers	37075	32360	13713	3436	778	241	111	47	29	10	0	0	0	50	87850
Not Stated	16214	12041	4340	1031	237	73	52	20	14	10	0	0	0	84	34116
Rural Areas Total	62146	51390	19931	4907	1123	348	175	73	48	21	0	0	0	152	140314
Urban Areas															
Professional, Technical and related workers	220	192	50	11	0	0	0	0	1	0	0	0	0	0	474
Administrative, Executive and Managerial Workers	310	224	32	5	0	0	0	0	0	0	0	0	0	0	571
Clerical and Related Workers	385	375	43	6	0	0	0	0	0	0	0	0	0	1	810
Sales Workers	99	64	17	1	1	0	0	0	0	0	0	0	0	0	182
Service Workers	424	277	41	3	0	0	0	0	0	0	0	0	0	1	746

Farmers, Fishers, Hunters, Loggers & related workers	24	28	12	1	3	0	0	0	0	0	0	0	0	0	68
Production and other related workers, transport & other equipment operators & labourers	549	492	139	37	6	4	1	0	1	0	0	0	0	0	1229
Workers whose occupation are not elsewhere classified	31581	24051	8549	2081	434	81	32	11	3	1	0	0	0	13	66837
Non Workers	88588	73591	29228	7161	1200	255	52	19	9	6	0	0	0	26	200135
Not Stated	33571	25395	7876	1482	275	54	19	10	1	2	0	0	0	62	68747
Urban Areas Total	155751	124689	45987	10788	1919	394	104	40	15	9	0	0	0	103	339799

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	55615	17402	1124	190	0	0	0	0	0	0	0	0	0	40	74371
5-9	5066	27746	9178	958	163	60	26	10	0	0	0	0	0	13	43220
10-14	955	5266	7702	2154	405	105	47	21	9	6	0	0	0	4	16674
15-19	300	783	1684	1332	417	115	50	25	17	7	0	0	0	0	4730
20-24	107	120	191	246	124	52	40	15	16	6	0	0	0	0	917
25-29	25	16	6	9	12	12	9	0	6	2	0	0	0	0	97
30 and above	2	1	1	1	0	0	2	0	0	0	0	0	0	0	7
Not Stated	76	56	45	17	2	4	1	2	0	0	0	0	0	95	298
Rural Areas Total	62146	51390	19931	4907	1123	348	175	73	48	21	0	0	0	152	140314
Urban Areas															
0-4	141130	40187	2077	104	0	0	0	0	0	0	0	0	0	18	183516
5-9	11463	69476	21463	1938	136	18	6	3	0	0	0	0	0	7	104510
10-14	2114	12795	17810	4957	655	97	22	10	3	1	0	0	0	4	38468
15-19	483	1743	4093	3150	841	178	39	10	7	3	0	0	0	0	10547
20-24	108	223	428	580	255	81	34	15	3	5	0	0	0	0	1732

25-29	11	21	23	36	25	16	3	1	2	0	0	0	0	0	138
30 and above	1	1	1	2	1	1	0	1	0	0	0	0	0	0	8
Not Stated	441	243	92	21	6	3	0	0	0	0	0	0	0	74	880
Urban Areas Total	155751	124689	45987	10788	1919	394	104	40	15	9	0	0	0	103	339799
All Areas															
0-4	196745	57589	3201	294	0	0	0	0	0	0	0	0	0	58	257887
5-9	16529	97222	30641	2896	299	78	32	13	0	0	0	0	0	20	147730
10-14	3069	18061	25512	7111	1060	202	69	31	12	7	0	0	0	8	55142
15-19	783	2526	5777	4482	1258	293	89	35	24	10	0	0	0	0	15277
20-24	215	343	619	826	379	133	74	30	19	11	0	0	0	0	2649
25-29	36	37	29	45	37	28	12	1	8	2	0	0	0	0	235
30 and above	3	2	2	3	1	1	2	1	0	0	0	0	0	0	15
Not Stated	517	299	137	38	8	7	1	2	0	0	0	0	0	169	1178
All Areas Total	217897	176079	65918	15695	3042	742	279	113	63	30	0	0	0	255	480113

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	3	5725	36426	25668	5527	841	144	37	0	74371
5-9	0	5	6467	22505	12128	1924	167	24	0	43220
10-14	0	0	4	3668	9739	3000	233	30	0	16674
15-19	0	0	0	5	1684	2603	394	44	0	4730
20-24	0	0	0	0	3	512	320	82	0	917
25-29	0	0	0	0	0	6	41	50	0	97
30 and	0	0	0	0	0	0	0	7	0	7
Not Stated	0	17	33	48	36	12	2	2	148	298
Rural	3	5747	42930	51894	29117	8898	1301	276	148	140314
Urban Areas										
0-4	0	15201	94183	59526	12265	2045	269	27	0	183516
5-9	0	5	16119	56647	27363	4068	269	39	0	104510
10-14	0	0	18	8972	23057	5990	413	18	0	38468
15-19	0	0	0	19	4195	5862	445	26	0	10547
20-24	0	0	0	0	11	1112	573	36	0	1732
25-29	0	0	0	0	0	10	90	38	0	138
30 and	0	0	0	0	0	0	1	7	0	8
Not Stated	0	42	166	226	141	48	6	0	251	880
Urban	0	15248	110486	125390	67032	19135	2066	191	251	339799
All Areas										
0-4	3	20926	130609	85194	17792	2886	413	64	0	257887
5-9	0	10	22586	79152	39491	5992	436	63	0	147730
10-14	0	0	22	12640	32796	8990	646	48	0	55142
15-19	0	0	0	24	5879	8465	839	70	0	15277
20-24	0	0	0	0	14	1624	893	118	0	2649
25-29	0	0	0	0	0	16	131	88	0	235
30 and	0	0	0	0	0	0	1	14	0	15
Not Stated	0	59	199	274	177	60	8	2	399	1178
All Areas	3	20995	153416	177284	96149	28033	3367	467	399	480113

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	847	1182	2029	194	344	538	75	72	147	76	105	181
32-36	490	977	1467	1987	3866	5853	4800	8913	13713	6384	10721	17105
37-39	427	213	640	1339	1954	3293	10734	24503	35237	40924	100310	141234
40	6	130	136	48	431	479	804	3702	4506	5282	18968	24250
40+	0	0	0	5	0	5	20	13	33	66	78	144
Not Stated	28	46	74	5	3	8	23	21	44	45	76	121
Total	1798	2548	4346	3578	6598	10176	16456	37224	53680	52777	130258	183035

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	59	93	152	4	3	7	4	17	21	1259	1816	3075
32-36	4477	6924	11401	116	150	266	8	9	17	18262	31560	49822
37-39	48826	121151	169977	1162	2855	4017	12	22	34	103424	251008	354432
40	10370	30812	41182	419	860	1279	3	7	10	16932	54910	71842
40+	84	106	190	3	1	4	1	0	1	179	198	377
Not Stated	64	84	148	1	5	6	92	72	164	258	307	565
Total	63880	159170	223050	1705	3874	5579	120	127	247	140314	339799	480113

TABLE - B21

Live Birth by Age of Mother and Birth Weight (Rural and Urban)

Birth Weight (in kgs)

Age of Mother (Years)	<i>Less Than 1.500</i>			<i>1.500 - 2.000</i>			<i>2.000 - 2.500</i>			<i>2.500 - 3.000</i>		
	<i>R</i>	<i>U</i>	<i>T</i>	<i>R</i>	<i>U</i>	<i>T</i>	<i>R</i>	<i>U</i>	<i>T</i>	<i>R</i>	<i>U</i>	<i>T</i>
Below 15	1	0	1	0	0	0	1	0	1	0	0	0
15-19	63	106	169	117	288	405	779	1874	2653	2465	6358	8823
20-24	459	682	1141	930	1931	2861	5219	12314	17533	16611	43604	60215
25-29	580	869	1449	1200	2165	3365	5590	12801	18391	19382	47298	66680
30-34	395	589	984	774	1459	2233	3342	7318	10660	10626	24930	35556
35-39	206	228	434	367	624	991	1187	2459	3646	3159	7197	10356
40-44	72	56	128	132	92	224	247	366	613	443	754	1197
45 & above	22	14	36	57	33	90	80	55	135	75	47	122
Age Not Stated	0	4	4	1	6	7	11	37	48	16	70	86
Total	1798	2548	4346	3578	6598	10176	16456	37224	53680	52777	130258	183035

TABLE – B 21 Contd..

Age of Mother (Years)	<i>3.000 - 4.000</i>			<i>4.000+</i>			<i>Not Stated</i>			<i>Total</i>		
	<i>R</i>	<i>U</i>	<i>T</i>	<i>R</i>	<i>U</i>	<i>T</i>	<i>R</i>	<i>U</i>	<i>T</i>	<i>R</i>	<i>U</i>	<i>T</i>
Below 15	1	0	1	0	0	0	0	0	0	3	0	3
15-19	2285	6515	8800	38	106	144	0	1	1	5747	15248	20995
20-24	19288	50930	70218	419	1013	1432	4	12	16	42930	110486	153416
25-29	24458	60685	85143	678	1548	2226	6	24	30	51894	125390	177284
30-34	13564	31807	45371	409	913	1322	7	16	23	29117	67032	96149
35-39	3834	8365	12199	142	259	401	3	3	6	8898	19135	28033
40-44	390	765	1155	17	33	50	0	0	0	1301	2066	3367
45 & above	40	41	81	2	1	3	0	0	0	276	191	467
Age Not Stated	20	62	82	0	1	1	100	71	171	148	251	399
Total	63880	159170	223050	1705	3874	5579	120	127	247	140314	339799	480113

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	831	1206	2037	1478	2882	4360	7515	17785	25300	24006	61010	85016
2	701	892	1593	1483	2431	3914	6036	13157	19193	19027	47962	66989
3	209	352	561	463	942	1405	2162	4792	6954	7313	16873	24186
4	46	78	124	112	273	385	530	1189	1719	1759	3621	5380
5	7	17	24	29	53	82	125	239	364	375	601	976
6	0	3	3	5	14	19	38	42	80	145	128	273
7	1	0	1	3	1	4	22	8	30	66	29	95
8	0	0	0	2	1	3	10	6	16	29	11	40
9	1	0	1	2	0	2	5	2	7	19	8	27
10 and Above	0	0	0	0	0	0	5	0	5	8	2	10
Not Stated	2	0	2	1	1	2	8	4	12	30	13	43
Total	1798	2548	4346	3578	6598	10176	16456	37224	53680	52777	130258	183035

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	27676	71322	98998	625	1519	2144	15	27	42	62146	155751	217897
2	23515	58790	82305	617	1440	2057	11	17	28	51390	124689	176079
3	9469	22341	31810	314	679	993	1	8	9	19931	45987	65918
4	2353	5438	7791	107	186	293	0	3	3	4907	10788	15695
5	560	971	1531	27	37	64	0	1	1	1123	1919	3042
6	152	197	349	7	9	16	1	1	2	348	394	742
7	79	62	141	4	4	8	0	0	0	175	104	279
8	31	22	53	1	0	1	0	0	0	73	40	113
9	19	5	24	2	0	2	0	0	0	48	15	63
10 and Above	7	7	14	1	0	1	0	0	0	21	9	30
Not Stated	19	15	34	0	0	0	92	70	162	152	103	255
Total	63880	159170	223050	1705	3874	5579	120	127	247	140314	339799	480113

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	2	4134	27834	29410	14922	4041	421	45	37	80846
Caesarean	1	1338	13534	20985	13598	4706	867	231	11	55271
Vacuum/Forceps	0	275	1557	1498	596	149	13	0	0	4088
Not Stated	0	0	5	1	1	2	0	0	100	109
Rural Total	3	5747	42930	51894	29117	8898	1301	276	148	140314
Urban Areas										
Natural	0	10613	68405	68539	33335	8651	690	22	99	190354
Caesarean	0	3901	37877	53445	32517	10210	1346	169	78	139543
Vacuum/Forceps	0	732	4196	3399	1175	271	30	0	3	9806
Not Stated	0	2	8	7	5	3	0	0	71	96
Urban Total	0	15248	110486	125390	67032	19135	2066	191	251	339799
All Areas										
Natural	2	14747	96239	97949	48257	12692	1111	67	136	271200
Caesarean	1	5239	51411	74430	46115	14916	2213	400	89	194814
Vacuum/Forceps	0	1007	5753	4897	1771	420	43	0	3	13894
Not Stated	0	2	13	8	6	5	0	0	171	205
All Total	3	20995	153416	177284	96149	28033	3367	467	399	480113

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

Sl. No.	Age of Mother	Rural	Urban	Total
1	15-19	2730	7278	10008
2	20-24	21120	54061	75181
3	25-29	25475	61447	86922
4	30-34	14387	32803	47190
5	35-39	4383	9330	13713
6	40-44	673	991	1664
7	45-49	130	78	208
State Total		68898	165988	234886

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	491	10	125	18	1	0	0	0	2	647
Below Primary	14	172	110	39	4	5	0	0	8	352
Primary but below Matric	88	118	8496	1919	94	35	34	24	70	10878
Matric but below Graduate	32	115	9976	43625	3722	909	1167	604	98	60248
Graduate	3	10	1484	11846	9008	1528	2268	993	33	27173
Post Graduate	0	10	334	3032	2689	4378	1050	1299	21	12813
Diploma	0	3	358	2244	860	204	1808	190	10	5677
Professional Engg/MBBS	0	0	359	1835	1397	1019	1042	3420	18	9090
Not Stated	2	6	68	252	106	30	15	16	12941	13436
Rural Areas Total	630	444	21310	64810	17881	8108	7384	6546	13201	140314
Urban Areas										
Illiterate	1066	35	168	48	26	2	1	0	4	1350
Below Primary	56	474	199	237	19	8	1	0	24	1018
Primary but below Matric	273	804	20718	4143	248	91	70	98	107	26552
Matric but below Graduate	150	554	25432	113958	9095	1675	2213	1047	218	154342
Graduate	13	61	4120	29146	24708	3924	4209	1482	80	67743
Post Graduate	2	24	696	6025	6517	8667	1710	1169	28	24838
Diploma	6	16	751	4060	1395	391	2755	237	16	9627
Professional Engg/MBBS	0	0	804	3575	2614	1033	1127	5869	26	15048
Not Stated	187	7	153	576	340	68	66	50	37834	39281
Urban Areas Total	1753	1975	53041	161768	44962	15859	12152	9952	38337	339799
All Areas										
Illiterate	1557	45	293	66	27	2	1	0	6	1997
Below Primary	70	646	309	276	23	13	1	0	32	1370
Primary but below Matric	361	922	29214	6062	342	126	104	122	177	37430
Matric but below Graduate	182	669	35408	157583	12817	2584	3380	1651	316	214590
Graduate	16	71	5604	40992	33716	5452	6477	2475	113	94916
Post Graduate	2	34	1030	9057	9206	13045	2760	2468	49	37651
Diploma	6	19	1109	6304	2255	595	4563	427	26	15304
Professional Engg/MBBS	0	0	1163	5410	4011	2052	2169	9289	44	24138
Not Stated	189	13	221	828	446	98	81	66	50775	52717
All Areas Total	2383	2419	74351	226578	62843	23967	19536	16498	51538	480113

TABLE - D1

Deaths by Place of occurrence, 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 Occurrence				Place of Residence of Deceased				
				Male	Female	NR	Total	Within the Registration Unit	Outside the Registration Unit	Place of Residence outside the state	NR	Total
1	Kasaragod	Rural		3258	2632	0	5890	4946	244	0	700	5890
		Urban		1082	824	0	1906	672	846	0	388	1906
		Total		4340	3456	0	7796	5618	1090	0	1088	7796
2	Kannur	Rural		6535	5487	0	12022	8094	2282	0	1646	12022
		Urban		4218	3559	1	7778	1822	2713	0	3243	7778
		Total		10753	9046	1	19800	9916	4995	0	4889	19800
			Kannur (C)	1428	1183	1	2612	27	823	0	1762	2612
3	Wayanad	Rural		1871	1446	0	3317	2865	329	0	123	3317
		Urban		822	623	0	1445	138	592	0	715	1445
		Total		2693	2069	0	4762	3003	921	0	838	4762
4	Kozhikode	Rural		5459	5236	0	10695	8875	996	0	824	10695
		Urban		9940	7072	4	17016	4653	5264	0	7099	17016
		Total		15399	12308	4	27711	13528	6260	0	7923	27711
			Kozhikode (C)	8265	5560	4	13829	3803	4270	0	5756	13829

5	Malappuram	Rural		7572	7182	0	14754	10761	1477	0	2516	14754
		Urban		4170	3509	0	7679	1947	2942	0	2790	7679
		Total		11742	10691	0	22433	12708	4419	0	5306	22433
			Manjeri (M)	836	735	0	1571	731	679	0	161	1571
6	Palakkad	Rural		7667	7105	1	14773	10996	1278	0	2499	14773
		Urban		2738	1918	0	4656	1718	1523	0	1415	4656
		Total		10405	9023	1	19429	12714	2801	0	3914	19429
			Palakkad (M)	1629	1024	0	2653	903	924	0	826	2653
7	Thrissur	Rural		10980	9800	0	20780	13161	2628	0	4991	20780
		Urban		5835	4456	0	10291	4273	2298	0	3720	10291
		Total		16815	14256	0	31071	17434	4926	0	8711	31071
			Thrissur (C)	3118	2252	0	5370	1966	1070	0	2334	5370
8	Ernakulam	Rural		8183	7033	1	15217	11585	1718	0	1914	15217
		Urban		4325	3062	1	7388	1863	2808	0	2717	7388
		Total		12508	10095	2	22605	13448	4526	0	4631	22605
			Thrippunithura (M)	317	313	0	630	503	97	0	30	630
9	Idukki	Rural		3272	2457	0	5729	4814	571	0	344	5729
		Urban		776	575	0	1351	273	457	0	621	1351
		Total		4048	3032	0	7080	5087	1028	0	965	7080
10	Kottayam	Rural		9533	7125	1	16659	9167	3714	0	3778	16659
		Urban		2598	1796	0	4394	1598	1753	0	1043	4394
		Total		12131	8921	1	21053	10765	5467	0	4821	21053

			Kottayam (M)	831	611	0	1442	1003	334	0	105	1442
11	Alappuzha	Rural		7690	6778	0	14468	8764	3512	0	2192	14468
		Urban		1682	1568	0	3250	1969	840	0	441	3250
		Total		9372	8346	0	17718	10733	4352	0	2633	17718
			Alappuzha (M)	514	509	0	1023	870	103	0	50	1023
12	Pathanamthitta	Rural		4687	4226	0	8913	7080	1106	0	727	8913
		Urban		2309	1580	0	3889	1021	1486	0	1382	3889
		Total		6996	5806	0	12802	8101	2592	0	2109	12802
13	Kollam	Rural		8225	7293	0	15518	11766	1914	0	1838	15518
		Urban		3575	2668	1	6244	3329	1879	0	1036	6244
		Total		11800	9961	1	21762	15095	3793	0	2874	21762
			Kollam (C)	2337	1721	1	4059	2731	967	0	361	4059
14	Thiruvananthapuram	Rural		7282	6527	0	13809	12137	1002	0	670	13809
		Urban		12115	8617	4	20736	9157	5088	0	6491	20736
		Total		19397	15144	4	34545	21294	6090	0	7161	34545
			Thiruvananthapuram (C)	11032	7703	4	18739	7725	4709	0	6305	18739
State	State	Rural		92214	80327	3	172544	125011	22771	0	24762	172544
		Urban		56185	41827	11	98023	34433	30489	0	33101	98023
		Total		148399	122154	14	270567	159444	53260	0	57863	270567

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		3335	2642	0	5977	4.88	4946	1031	0	5977
		Urban		401	330	0	731	4.13	672	59	0	731
		Total		3736	2972	0	6708	4.78	5618	1090	0	6708
2	Kannur	Rural		6702	5754	0	12456	6.46	8094	4362	0	12456
		Urban		1327	1128	0	2455	3.51	1822	633	0	2455
		Total		8029	6882	0	14911	5.67	9916	4995	0	14911
			Kannur (C)	109	68	0	177	0.74	27	150	0	177
3	Wayanad	Rural		2132	1631	0	3763	5.23	2865	898	0	3763
		Urban		93	68	0	161	1.22	138	23	0	161
		Total		2225	1699	0	3924	4.61	3003	921	0	3924
4	Kozhikode	Rural		7811	6755	1	14567	6.45	8875	5692	0	14567
		Urban		2799	2411	0	5210	5.13	4653	557	0	5210
		Total		10610	9166	1	19777	6.04	13528	6249	0	19777
			Kozhikode (C)	2058	1820	0	3878	6.31	3803	75	0	3878
5	Malappuram	Rural		7613	7242	0	14855	3.98	10761	4094	0	14855
		Urban		1216	1067	0	2283	2.79	1947	336	0	2283
		Total		8829	8309	0	17138	3.77	12708	4430	0	17138
			Manjeri (M)	403	360	0	763	6.94	731	32	0	763

6	Palakkad	Rural		7122	6391	0	13513	5.16	10996	2517	0	13513
		Urban		1136	874	0	2010	5.65	1718	292	0	2010
		Total		8258	7265	0	15523	5.22	12714	2809	0	15523
			Palakkad (M)	561	416	0	977	7.45	903	74	0	977
7	Thrissur	Rural		8901	8400	0	17301	6.84	13161	4140	0	17301
		Urban		2664	2388	0	5052	6.92	4273	779	0	5052
		Total		11565	10788	0	22353	6.86	17434	4919	0	22353
			Thrissur (C)	1102	1037	0	2139	6.8	1966	173	0	2139
8	Ernakulam	Rural		8225	7026	1	15252	6.76	11585	3667	0	15252
		Urban		1535	1179	0	2714	2.27	1863	851	0	2714
		Total		9760	8205	1	17966	5.21	13448	4518	0	17966
			Thrippunithura (M)	299	290	0	589	5.83	503	86	0	589
			Kochi (C)	233	119	0	352	0.58	0	352	0	352
9	Idukki	Rural		3348	2489	0	5837	5.9	4814	1023	0	5837
		Urban		137	142	0	279	2.72	273	6	0	279
		Total		3485	2631	0	6116	5.6	5087	1029	0	6116
10	Kottayam	Rural		7807	6201	1	14009	8.33	9167	4842	0	14009
		Urban		1284	939	0	2223	7.32	1598	625	0	2223
		Total		9091	7140	1	16232	8.18	10765	5467	0	16232
			Kottayam (M)	773	580	0	1353	10.17	1003	350	0	1353
11	Alappuzha	Rural		6558	5803	0	12361	6.87	8764	3597	0	12361
		Urban		1420	1309	0	2729	7.81	1969	760	0	2729
		Total		7978	7112	0	15090	7.02	10733	4357	0	15090
			Alappuzha (M)	630	572	0	1202	6.99	870	332	0	1202

12	Pathanamthitta	Rural		5098	4445	0	9543	9.45	7080	2463	0	9543
		Urban		621	546	0	1167	7.36	1021	146	0	1167
		Total		5719	4991	0	10710	9.16	8101	2609	0	10710
13	Kollam	Rural		8119	7000	0	15119	7.13	11766	3353	0	15119
		Urban		2052	1718	1	3771	6.94	3329	442	0	3771
		Total		10171	8718	1	18890	7.09	15095	3795	0	18890
			Kollam (C)	1657	1339	1	2997	7.92	2731	266	0	2997
14	Thiruvananthapuram	Rural		9491	8041	0	17532	8.07	12137	5395	0	17532
		Urban		5512	4322	0	9834	8.26	9157	677	0	9834
		Total		15003	12363	0	27366	8.14	21294	6072	0	27366
		Thiruvananthapuram (C)	4421	3409	0	7830	8.02	7725	105	0	7830	
15	Not Reported			33940	23913	10	57863		0	0	57863	57863
	State	Rural		92262	79820	3	172085	6.36	125011	47074	0	172085
		Urban		22197	18421	1	40619	5.23	34433	6186	0	40619
		Total		148399	122154	14	270567	7.77	159444	53260	57863	270567

TABLE - D3(i)

Time Gap in Registration of Death (Rural)

Sl. No.	District	Number of death Registered												172544							
		Delayed Registration												70894							
		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	1468	1059	0	2527	768	637	0	1405	948	860	0	1808	74	76	0	150	3258	2632	0	5890
2	Kannur	4625	3604	0	8229	1038	1006	0	2044	752	737	0	1489	120	140	0	260	6535	5487	0	12022
3	Wayanad	1023	717	0	1740	340	287	0	627	481	418	0	899	27	24	0	51	1871	1446	0	3317
4	Kozhikode	2763	2334	0	5097	1258	1344	0	2602	1230	1340	0	2570	208	218	0	426	5459	5236	0	10695
5	Malappuram	3291	2535	0	5826	1345	1317	0	2662	2749	3148	0	5897	187	182	0	369	7572	7182	0	14754
6	Palakkad	4585	3804	1	8390	1552	1646	0	3198	1372	1522	0	2894	158	133	0	291	7667	7105	1	14773
7	Thrissur	7528	5719	0	13247	1551	1647	0	3198	1673	2204	0	3877	228	230	0	458	10980	9800	0	20780
8	Ernakulam	5325	4003	1	9329	1428	1421	0	2849	1143	1358	0	2501	287	251	0	538	8183	7033	1	15217
9	Idukki	2172	1496	0	3668	583	461	0	1044	442	456	0	898	75	44	0	119	3272	2457	0	5729
10	Kottayam	7539	5031	0	12570	1073	1092	0	2165	789	854	1	1644	132	148	0	280	9533	7125	1	16659
11	Alappuzha	5020	3712	0	8732	1220	1316	0	2536	1316	1576	0	2892	134	174	0	308	7690	6778	0	14468
12	Pathanamthitta	3306	2780	0	6086	787	744	0	1531	513	615	0	1128	81	87	0	168	4687	4226	0	8913
13	Kollam	5308	4417	0	9725	1477	1369	0	2846	1252	1329	0	2581	188	178	0	366	8225	7293	0	15518
14	Thiruvananthapuram	3532	2952	0	6484	1544	1400	0	2944	2045	1997	0	4042	161	178	0	339	7282	6527	0	13809
Total		57485	44163	2	101650	15964	15687	0	31651	16705	18414	1	35120	2060	2063	0	4123	92214	80327	3	172544

TABLE - D3(ii)

Time Gap in Registration of Death (Urban)

Sl. No.	District	Number of death Registered												98023							
		Delayed Registration												23481							
		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	796	515	0	1311	114	111	0	225	156	186	0	342	16	12	0	28	1082	824	0	1906
2	Kannur	3044	2358	0	5402	505	497	0	1002	631	650	1	1282	38	54	0	92	4218	3559	1	7778
3	Wayanad	630	433	0	1063	97	103	0	200	93	86	0	179	2	1	0	3	822	623	0	1445
4	Kozhikode	8701	5706	4	14411	595	601	0	1196	586	681	0	1267	58	84	0	142	9940	7072	4	17016
5	Malappuram	3088	2345	0	5433	569	519	0	1088	493	614	0	1107	20	31	0	51	4170	3509	0	7679
6	Palakkad	2028	1311	0	3339	429	315	0	744	251	274	0	525	30	18	0	48	2738	1918	0	4656
7	Thrissur	4702	3196	0	7898	568	590	0	1158	507	600	0	1107	58	70	0	128	5835	4456	0	10291
8	Ernakulam	3296	2074	1	5371	530	448	0	978	450	499	0	949	49	41	0	90	4325	3062	1	7388
9	Idukki	629	447	0	1076	68	57	0	125	74	68	0	142	5	3	0	8	776	575	0	1351
10	Kottayam	1970	1226	0	3196	250	198	0	448	338	334	0	672	40	38	0	78	2598	1796	0	4394
11	Alappuzha	1039	798	0	1837	259	288	0	547	366	451	0	817	18	31	0	49	1682	1568	0	3250
12	Pathanamthitta	2101	1324	0	3425	122	133	0	255	77	117	0	194	9	6	0	15	2309	1580	0	3889
13	Kollam	2607	1710	0	4317	380	349	0	729	553	559	0	1112	35	50	1	86	3575	2668	1	6244
14	Thiruvananthapuram	9896	6563	4	16463	749	725	0	1474	1387	1235	0	2622	83	94	0	177	12115	8617	4	20736
Total		44527	30006	9	74542	5235	4934	0	10169	5962	6354	1	12317	461	533	1	995	56185	41827	11	98023

TABLE - D3(iii)

Time Gap in Registration of Death (Rural+Urban)

Sl. No.	District	Number of death Registered												270567							
		Delayed Registration												94375							
		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	2264	1574	0	3838	882	748	0	1630	1104	1046	0	2150	90	88	0	178	4340	3456	0	7796
2	Kannur	7669	5962	0	13631	1543	1503	0	3046	1383	1387	1	2771	158	194	0	352	1075	9046	1	19800
3	Wayanad	1653	1150	0	2803	437	390	0	827	574	504	0	1078	29	25	0	54	2693	2069	0	4762
4	Kozhikode	11464	8040	4	19508	1853	1945	0	3798	1816	2021	0	3837	266	302	0	568	1539	1230	4	27711
5	Malappuram	6379	4880	0	11259	1914	1836	0	3750	3242	3762	0	7004	207	213	0	420	1174	1069	0	22433
6	Palakkad	6613	5115	1	11729	1981	1961	0	3942	1623	1796	0	3419	188	151	0	339	1040	9023	1	19429
7	Thrissur	12230	8915	0	21145	2119	2237	0	4356	2180	2804	0	4984	286	300	0	586	1681	1425	0	31071
8	Ernakulam	8621	6077	2	14700	1958	1869	0	3827	1593	1857	0	3450	336	292	0	628	1250	1009	2	22605
9	Idukki	2801	1943	0	4744	651	518	0	1169	516	524	0	1040	80	47	0	127	4048	3032	0	7080
10	Kottayam	9509	6257	0	15766	1323	1290	0	2613	1127	1188	1	2316	172	186	0	358	1213	8921	1	21053
11	Alappuzha	6059	4510	0	10569	1479	1604	0	3083	1682	2027	0	3709	152	205	0	357	9372	8346	0	17718
12	Pathanamthitta	5407	4104	0	9511	909	877	0	1786	590	732	0	1322	90	93	0	183	6996	5806	0	12802
13	Kollam	7915	6127	0	14042	1857	1718	0	3575	1805	1888	0	3693	223	228	1	452	1180	9961	1	21762
14	Thiruvananthapuram	13428	9515	4	22947	2293	2125	0	4418	3432	3232	0	6664	244	272	0	516	1939	1514	4	34545
Total		102012	74169	11	176192	21199	20621	0	41820	22667	24768	2	47437	2521	2596	1	5118	148399	122154	14	270567

TABLE - D4

Deaths 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	352	352	344	323	359	346	300	401	434	418	358	353	4340
		Female	253	249	250	262	286	251	292	336	355	346	302	274	3456
		Total	605	601	594	585	645	597	592	737	789	764	660	627	7796
2	Kannur	Male	850	787	894	757	966	880	943	993	980	1071	882	750	10753
		Female	736	690	762	576	806	738	714	893	782	875	806	668	9046
		NR	0	0	0	0	0	0	0	0	0	0	0	1	1
		Total	1586	1477	1656	1333	1772	1618	1657	1886	1762	1946	1688	1419	19800
3	Wayanad	Male	245	229	220	189	216	215	222	241	228	281	203	204	2693
		Female	165	180	180	145	180	160	147	162	199	207	171	173	2069
		Total	410	409	400	334	396	375	369	403	427	488	374	377	4762
4	Kozhikode	Male	1254	1205	1224	1071	1297	1258	1442	1455	1373	1400	1249	1171	15399
		Female	941	951	1006	840	1073	863	1081	1230	1045	1210	1079	989	12308
		NR	0	1	1	0	1	0	0	1	0	0	0	0	4
		Total	2195	2157	2231	1911	2371	2121	2523	2686	2418	2610	2328	2160	27711
5	Malappuram	Male	1016	960	926	707	1036	875	1062	1155	1076	1088	929	912	11742
		Female	882	822	820	634	942	800	890	1107	1022	1057	908	807	10691
		Total	1898	1782	1746	1341	1978	1675	1952	2262	2098	2145	1837	1719	22433
6	Palakkad	Male	854	852	862	763	866	791	878	990	883	1015	845	806	10405
		Female	744	658	717	692	720	669	852	853	767	886	752	713	9023
		NR	0	0	0	0	0	0	0	0	0	1	0	0	1
		Total	1598	1510	1579	1455	1586	1460	1730	1843	1650	1902	1597	1519	19429
7	Thrissur	Male	1450	1300	1263	1208	1407	1269	1549	1659	1499	1585	1347	1279	16815
		Female	1192	1128	1177	1043	1222	1043	1191	1370	1282	1380	1172	1056	14256
		Total	2642	2428	2440	2251	2629	2312	2740	3029	2781	2965	2519	2335	31071

8	Ernakulam	Male	1166	1062	1029	892	990	924	1064	1156	1049	1207	1066	903	12508	
		Female	816	810	806	716	851	764	818	962	887	992	885	788	10095	
		NR	1	0	0	0	0	0	0	0	0	0	1	0	0	2
		Total	1983	1872	1835	1608	1841	1688	1882	2118	1936	2200	1951	1691	22605	
9	Idukki	Male	374	342	308	286	302	302	302	408	359	349	406	310	4048	
		Female	290	271	253	204	229	229	263	290	250	272	270	211	3032	
		Total	664	613	561	490	531	531	565	698	609	621	676	521	7080	
10	Kottayam	Male	1054	1021	971	871	1037	984	1037	1112	985	1126	970	963	12131	
		Female	684	732	774	617	753	720	750	798	750	896	788	659	8921	
		NR	0	0	0	0	0	0	0	0	0	0	0	1	1	
		Total	1738	1753	1745	1488	1790	1704	1787	1910	1735	2022	1758	1623	21053	
11	Alappuzha	Male	864	772	758	668	836	695	774	815	718	957	797	718	9372	
		Female	708	640	715	616	767	650	642	771	608	813	767	649	8346	
		Total	1572	1412	1473	1284	1603	1345	1416	1586	1326	1770	1564	1367	17718	
12	Pathanamthitta	Male	586	595	572	449	604	517	618	686	611	669	566	523	6996	
		Female	466	478	477	426	506	408	505	509	474	576	562	419	5806	
		Total	1052	1073	1049	875	1110	925	1123	1195	1085	1245	1128	942	12802	
13	Kollam	Male	971	954	968	841	993	914	982	1063	1027	1170	1010	907	11800	
		Female	792	772	773	715	790	743	819	977	848	1009	950	773	9961	
		NR	0	0	0	0	0	0	0	0	0	0	0	1	1	
		Total	1763	1726	1741	1556	1783	1657	1801	2040	1875	2179	1960	1681	21762	
14	Thiruvananthapuram	Male	1729	1479	1564	1410	1658	1517	1594	1743	1550	1717	1801	1635	19397	
		Female	1298	1202	1230	1069	1290	1117	1210	1403	1335	1465	1379	1146	15144	
		NR	0	0	0	0	1	0	1	2	0	0	0	0	4	
		Total	3027	2681	2794	2479	2949	2634	2805	3148	2885	3182	3180	2781	34545	
State Total	Male	12765	11910	11903	10435	12567	11487	12767	13877	12772	14053	12429	11434	148399		
	Female	9967	9583	9940	8555	10415	9155	10174	11661	10604	11984	10791	9325	122154		
	NR	1	1	1	0	2	0	1	3	0	2	0	3	14		
	Total	22733	21494	21844	18990	22984	20642	22942	25541	23376	26039	23220	20762	270567		

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		88576	34238	49709	21	172544
II. Urban	(i) Towns with population one lakh and above					
1	Alappuzha (M)	370	144	509		1023
2	Kollam (C)	2861	469	729		4059
3	Kottayam (M)	685	640	117		1442
4	Kozhikode (C)	12020	1074	735		13829
5	Palakkad (M)	1882	3	763	5	2653
6	Thiruvananthapuram (C)	16361	909	1466	3	18739
7	Thrissur (C)	4061	697	610	2	5370
Total(i)		38240	3936	4929	10	47115
II. Urban	(ii) All Other urban areas					
1	Adoor (M)	427	47	20		494
2	Aluva (M)	376	44	55	2	477
3	Angamaly (M)	632	24	103		759
4	Anthoor(M)	69	36	53		158
5	Attingal (M)	21	80	205	3	309
6	Chalakkudy (M)	565	37	119		721
7	Changanasserry (M)	225	40	128		393
8	Chavakkad (M)	350	49	51		450
9	Chengannur (M)	139	59	41		239
10	Cherpulaserry (M)	150	42	52		244
11	Cherthala (M)	512	48	57		617
12	Chittoor-Thathamangalam (M)	164	41	56		261
13	Eloor(M)	167	19	56		242
14	Erattupetta (M)	121	8	29		158
15	Ettumanoor (M)	1273	58	154		1485
16	Feroke (M)	253	47	37		337
17	Guruvayoor (M)	113	116	136	1	366

18	Harippad (M)	153	36	67		256
19	Iringalakuda (M)	322	66	166		554
20	Iritty(M)	151	52	51		254
21	Kalamasserry (M)	1086	58	121		1265
22	Kalpetta (M)	246	8	56		310
23	Kanjhagad (M)	596	95	106	1	798
24	Kannur (C)	1801	224	587		2612
25	Kannur Cantonment (M)	427	9	3	3	442
26	Karunagappally(M)	421	32	155		608
27	Kasaragod (M)	711	43	106		860
28	Kattappana (M)	347	23	103		473
29	Kayamkulam (M)	561	11	11		583
30	Kodungallur (M)	655	94	174	1	924
31	Koduvally (M)	117	37	82		236
32	Kondotty (M)	211	22	38		271
33	Koothattukulam (M)	200	16	71		287
34	Kothamangalam (M)	483	34	126		643
35	Kottakkal(M)	991	25	18		1034
36	Kottarakkara (M)	555	51	36		642
37	Kunnamkulam (M)	457	248	43		748
38	Kuthuparamba (M)	217	58	44		319
39	Malappuram (M)	301	50	68		419
40	Mananthavady (M)	545	15	33	1	594
41	Manjeri (M)	1432	60	79		1571
42	Mannarakkad (M)	169	25	50		244
43	Maradu (M)	841	77	90		1008
44	Mattannur (M)	165	23	89		277
45	Mavelikkara (M)	420	63	49		532
46	Moovattupuzha (M)	436	9	61		506
47	Mukkam (M)	514	18	20		552
48	Nedumangad (M)	234	44	158		436
49	Neyyattinkara (M)	453	1	368		822
50	Nilamboor(M)	292	20	48		360
51	Nileswaram (M)	59	120	69		248
52	North Paravur (M)	358	42	71		471
53	Ottappalam (M)	643	41	144	2	830
54	Pala (M)	558	11	52		621
55	Pandalam (M)	310	93	112		515

56	Panoor (M)	98	81	85		264
57	Parappanangadi (M)	202	46	58		306
58	Paravoor (M)	93	91	61		245
59	Pathanamthitta (M)	543	42	83		668
60	Pattambi (M)	120	24	56		200
61	Payyannur (M)	530	82	147		759
62	Payyoli (M)	39	196	32		267
63	Perinthalmanna (M)	1282	43	86		1411
64	Perumbavoor (M)	316	27	50		393
65	Piravom (M)	96	11	132		239
66	Ponnani (M)	251	67	158		476
67	Punalur (M)	610	2	78		690
68	Quilandy (M)	279	53	110		442
69	Ramanattukara (M)	102	18	26		146
70	Shornnur (M)	65	69	88	2	224
71	Sreekandapuram (M)	41	28	90		159
72	Sulthan Batheri (M)	454	26	61		541
73	Thalasserry (M)	1834	76	255	4	2169
74	Thaliparamba (M)	284	28	53		365
75	Thanoor (M)	122	84	27		233
76	Thirurangadi (M)	521	24	54		599
77	Thiruvalla (M)	2001	63	148		2212
78	Thodupuzha (M)	763	41	74		878
79	Thrikkakara(M)	217	122	129		468
80	Thrippunithura (M)	310	84	236		630
81	Tirur (M)	550	25	61		636
82	Vadakara (M)	890	278	39		1207
83	Vaikom (M)	153	17	125		295
84	Valancherry (M)	291	10	62		363
85	Varkala (M)	261	14	155		430
86	Wadakkancherry (M)	937	91	128	2	1158
Total (ii)		38250	4612	8024	22	50908
Urban Areas Total		76490	8548	1295	32	98023
State Total (Rural+Urban)		165066	42786	6266	53	270567

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	526	512	3	1041	526	409	2	937	172	104	2	278	133	97	1	231	1	0	0	1	1358	1122	8	2488
1 - 4	127	109	0	236	115	110	0	225	38	35	0	73	10	8	1	19	24	1	0	25	314	263	1	578
5-14	267	188	0	455	197	140	0	337	95	51	0	146	6	4	0	10	0	0	0	565	383	0	948	
15-24	1393	632	0	2025	570	209	0	779	392	119	0	511	12	4	0	16	3	0	0	3	2370	964	0	3334
25-34	2261	740	0	3001	558	331	1	890	471	189	0	660	14	5	0	19	8	0	0	8	3312	1265	1	4578
35-44	4248	1517	0	5765	1048	711	0	1759	972	373	0	1345	29	16	0	45	20	1	0	21	6317	2618	0	8935
45-54	9585	3813	0	13398	2683	1600	0	4283	2467	1149	1	3617	78	14	0	92	67	1	0	68	14880	6577	1	21458
55-64	17030	7896	0	24926	5802	3430	0	9232	4808	2505	1	7314	142	40	0	182	31	3	0	34	27813	13874	1	41688
65-69	11703	6714	0	18417	4264	2843	0	7107	3531	2029	0	5560	75	21	0	96	14	2	0	16	19587	11609	0	31196
70 and above	41797	50770	0	92567	13079	14660	0	27739	16557	17729	1	34287	206	126	0	332	18	2	0	20	71657	83287	1	154945
Age not Stated	113	107	0	220	55	40	0	95	35	40	0	75	9	4	0	13	14	1	1	16	226	192	1	419
All Areas Total	89050	72998	3	16205	28897	24483	3	53383	29538	24323	5	53866	714	339	2	1055	200	11	1	212	148399	122154	14	270567
Rural Areas																								
Below 1 year	231	228	0	459	160	111	0	271	85	65	1	151	3	2	0	5	1	0	0	1	480	406	1	887
1 - 4	66	47	0	113	48	45	0	93	18	21	0	39	1	0	0	1	0	0	0	0	133	113	0	246
5-14	157	109	0	266	114	69	0	183	73	27	0	100	0	0	0	0	0	0	0	0	344	205	0	549

15-24	860	389	0	1249	323	118	0	441	245	66	0	311	5	2	0	7	0	0	0	1433	575	0	2008	
25-34	1432	427	0	1859	311	165	0	476	308	87	0	395	4	0	0	4	4	0	0	4	2059	679	0	2738
35-44	2544	841	0	3385	539	384	0	923	609	199	0	808	15	7	0	22	9	0	0	9	3716	1431	0	5147
45-54	5757	2185	0	7942	1423	849	0	2272	1547	709	0	2256	28	5	0	33	41	1	0	42	8796	3749	0	12545
55-64	10176	4775	0	14951	3280	1910	0	5190	3015	1571	0	4586	38	16	0	54	11	3	0	14	16520	8275	0	24795
65-69	7057	4137	0	11194	2450	1630	0	4080	2310	1350	0	3660	31	5	0	36	6	2	0	8	11854	7124	0	18978
70 and above	26982	34939	0	61921	8152	9629	0	17781	11547	13029	1	24577	69	59	0	128	5	1	0	6	46755	57657	1	104413
Age not Stated	61	64	0	125	28	25	0	53	25	23	0	48	0	0	0	0	10	1	1	12	124	113	1	238
Rural Areas Total	55323	48141	0	10346	16828	14935	0	31763	19782	17147	2	36931	194	96	0	290	87	8	1	96	92214	80327	3	172544
Urban Areas																								
Below 1 year	295	284	3	582	366	298	2	666	87	39	1	127	130	95	1	226	0	0	0	0	878	716	7	1601
1 - 4	61	62	0	123	67	65	0	132	20	14	0	34	9	8	1	18	24	1	0	25	181	150	1	332
5-14	110	79	0	189	83	71	0	154	22	24	0	46	6	4	0	10	0	0	0	0	221	178	0	399
15-24	533	243	0	776	247	91	0	338	147	53	0	200	7	2	0	9	3	0	0	3	937	389	0	1326
25-34	829	313	0	1142	247	166	1	414	163	102	0	265	10	5	0	15	4	0	0	4	1253	586	1	1840
35-44	1704	676	0	2380	509	327	0	836	363	174	0	537	14	9	0	23	11	1	0	12	2601	1187	0	3788
45-54	3828	1628	0	5456	1260	751	0	2011	920	440	1	1361	50	9	0	59	26	0	0	26	6084	2828	1	8913
55-64	6854	3121	0	9975	2522	1520	0	4042	1793	934	1	2728	104	24	0	128	20	0	0	20	11293	5599	1	16893
65-69	4646	2577	0	7223	1814	1213	0	3027	1221	679	0	1900	44	16	0	60	8	0	0	8	7733	4485	0	12218
70 and above	14815	15831	0	30646	4927	5031	0	9958	5010	4700	0	9710	137	67	0	204	13	1	0	14	24902	25630	0	50532
Age not Stated	52	43	0	95	27	15	0	42	10	17	0	27	9	4	0	13	4	0	0	4	102	79	0	181
Urban Areas Total	33727	24857	3	58587	12069	9548	3	21620	9756	7176	3	16935	520	243	2	765	113	3	0	116	56185	41827	11	98023

TABLE - D7

Deaths by Age, Occupation and Sex (Rural)

Occupation of the Deceased	Sex	Age of the Deceased									Total
		Below 15	15-24	25-34	35-44	45-54	55-64	65-69	70 & Above	Age not Stated	
Administrative, Executive and Managerial Workers	M	0	3	6	15	33	53	45	173	0	328
	F	0	0	1	1	3	7	4	26	0	42
	Total	0	3	7	16	36	60	49	199	0	370
Clerical and Related Workers	M	0	3	17	29	49	83	60	275	0	516
	F	0	1	4	6	13	17	11	39	0	91
	Total	0	4	21	35	62	100	71	314	0	607
Sales Workers	M	0	32	53	86	228	314	186	272	2	1173
	F	0	2	2	7	10	8	1	12	0	42
	Total	0	34	55	93	238	322	187	284	2	1215
Service Workers	M	0	68	174	312	564	733	356	857	1	3065
	F	0	5	13	33	53	92	62	209	0	467
	Total	0	73	187	345	617	825	418	1066	1	3532

Farmers, Fishers, Hunters, Loggers & related workers	M	0	36	122	299	756	1254	757	2579	4	5807
	F	0	0	9	22	68	108	89	355	1	652
	Total	0	36	131	321	824	1362	846	2934	5	6459
Production and other related workers, transport & other equipment operators & labourers	M	0	146	385	749	1380	1691	778	1335	5	6469
	F	0	13	26	51	181	273	182	576	0	1302
	Total	0	159	411	800	1561	1964	960	1911	5	7771
Workers whose occupation are not elsewhere classified	M	0	90	207	384	872	1161	650	2053	2	5419
	F	0	9	19	57	156	200	166	1054	1	1662
	Total	0	99	226	441	1028	1361	816	3107	3	7081
Non Workers	M	646	656	574	1061	2873	7177	6007	27289	66	46349
	F	497	391	400	833	2292	5323	4624	39766	78	54204
	NR	1	0	0	0	0	0	0	1	0	2
	Total	1144	1047	974	1894	5165	12500	10631	67056	144	100555
Not Stated	M	311	399	521	781	2041	4054	3015	11922	44	23088
	F	227	154	205	421	973	2247	1985	15620	33	21865
	NR	0	0	0	0	0	0	0	0	1	1
	Total	538	553	726	1202	3014	6301	5000	27542	78	44954
State Total	M	957	1433	2059	3716	8796	16520	11854	46755	124	92214
	F	724	575	679	1431	3749	8275	7124	57657	113	80327
	NR	1	0	0	0	0	0	0	1	1	3
	Total	1682	2008	2738	5147	12545	24795	18978	104413	238	172544

TABLE - D8

Deaths by Age, Occupation and Sex (Urban)

Occupation of the Deceased	Sex	Age of the Deceased									
		Below 15	15-24	25-34	35-44	45-54	55-64	65-69	70 & Above	Age not Stated	Total
Professional, Technical and related workers	M	0	2	2	8	22	42	48	365	2	491
	F	0	5	15	12	24	71	49	301	5	482
	Total	0	7	17	20	46	113	97	666	7	973
Administrative, Executive and Managerial Workers	M	0	0	3	9	30	29	19	82	0	172
	F	0	0	0	2	9	5	1	14	0	31
	Total	0	0	3	11	39	34	20	96	0	203
Clerical and Related Workers	M	0	1	5	7	21	32	23	133	0	222
	F	0	0	0	3	3	5	5	25	0	41
	Total	0	1	5	10	24	37	28	158	0	263
Sales Workers	M	0	7	11	36	72	100	52	104	0	382
	F	0	0	1	1	1	4	0	2	0	9
	Total	0	7	12	37	73	104	52	106	0	391
Service Workers	M	0	5	15	47	74	120	56	183	0	500
	F	0	0	4	4	10	16	7	46	0	87
	Total	0	5	19	51	84	136	63	229	0	587

Farmers, Fishers, Hunters, Loggers & related workers	M	0	1	12	42	126	271	148	498	3	1101
	F	0	0	0	1	10	11	7	36	0	65
	Total	0	1	12	43	136	282	155	534	3	1166
Production and other related workers, transport & other equipment operators & labourers	M	0	79	279	583	1134	1418	609	980	1	5083
	F	0	4	12	30	76	87	61	161	0	431
	NR	0	0	1	0	0	0	0	0	0	1
	Total	0	83	292	613	1210	1505	670	1141	1	5515
Workers whose occupation are not elsewhere classified	M	0	173	301	550	1187	2017	1223	4033	14	9498
	F	0	38	62	128	274	481	376	2282	4	3645
	NR	0	0	0	0	1	0	0	0	0	1
	Total	0	211	363	678	1462	2498	1599	6315	18	13144
Non Workers	M	417	466	362	745	1990	4591	3711	12315	47	24644
	F	339	236	360	738	1752	3606	2845	16017	51	25944
	NR	1	0	0	0	0	0	0	0	0	1
	Total	757	702	722	1483	3742	8197	6556	28332	98	50589
Not Stated	M	863	203	263	574	1428	2673	1844	6209	35	14092
	F	705	106	132	268	669	1313	1134	6746	19	11092
	NR	7	0	0	0	0	1	0	0	0	8
	Total	1575	309	395	842	2097	3987	2978	12955	54	25192
State Total	M	1280	937	1253	2601	6084	11293	7733	24902	102	56185
	F	1044	389	586	1187	2828	5599	4485	25630	79	41827
	NR	8	0	1	0	1	1	0	0	0	11
	Total	2332	1326	1840	3788	8913	16893	12218	50532	181	98023

TABLE - D9

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

Occupation of the Deceased	Sex	Age of the Deceased									Total
		Below 15	15-24	25-34	35-44	45-54	55-64	65-69	70 & Above	Age not Stated	
Professional, Technical and related workers	M	0	2	2	8	22	42	48	365	2	491
	F	0	5	15	12	24	71	49	301	5	482
	Total	0	7	17	20	46	113	97	666	7	973
Administrative, Executive and Managerial Workers	M	0	3	9	24	63	82	64	255	0	500
	F	0	0	1	3	12	12	5	40	0	73
	Total	0	3	10	27	75	94	69	295	0	573
Clerical and Related Workers	M	0	4	22	36	70	115	83	408	0	738
	F	0	1	4	9	16	22	16	64	0	132
	Total	0	5	26	45	86	137	99	472	0	870
Sales Workers	M	0	39	64	122	300	414	238	376	2	1555
	F	0	2	3	8	11	12	1	14	0	51
	Total	0	41	67	130	311	426	239	390	2	1606
Service Workers	M	0	73	189	359	638	853	412	1040	1	3565
	F	0	5	17	37	63	108	69	255	0	554
	Total	0	78	206	396	701	961	481	1295	1	4119

Farmers, Fishers, Hunters, Loggers & related workers	M	0	37	134	341	882	1525	905	3077	7	6908
	F	0	0	9	23	78	119	96	391	1	717
	Total	0	37	143	364	960	1644	1001	3468	8	7625
Production and other related workers, transport & other equipment operators & labourers	M	0	225	664	1332	2514	3109	1387	2315	6	11552
	F	0	17	38	81	257	360	243	737	0	1733
	NR	0	0	1	0	0	0	0	0	0	1
	Total	0	242	703	1413	2771	3469	1630	3052	6	13286
Workers whose occupation are not elsewhere classified	M	0	263	508	934	2059	3178	1873	6086	16	14917
	F	0	47	81	185	430	681	542	3336	5	5307
	NR	0	0	0	0	1	0	0	0	0	1
	Total	0	310	589	1119	2490	3859	2415	9422	21	20225
Non Workers	M	1063	1122	936	1806	4863	11768	9718	39604	113	70993
	F	836	627	760	1571	4044	8929	7469	55783	129	80148
	NR	2	0	0	0	0	0	0	1	0	3
	Total	1901	1749	1696	3377	8907	20697	17187	95388	242	151144
Not Stated	M	1174	602	784	1355	3469	6727	4859	18131	79	37180
	F	932	260	337	689	1642	3560	3119	22366	52	32957
	NR	7	0	0	0	0	1	0	0	1	9
	Total	2113	862	1121	2044	5111	10288	7978	40497	132	70146
State Total	M	2237	2370	3312	6317	14880	27813	19587	71657	226	148399
	F	1768	964	1265	2618	6577	13874	11609	83287	192	122154
	NR	9	0	1	0	1	1	0	1	1	14
	Total	4014	3334	4578	8935	21458	41688	31196	154945	419	270567

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	
Cholera	M	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	1	1	0	0	1	0	2	0	5
	Total	0	0	0	1	1	0	1	1	0	2	0	6
Typhoid	M	0	0	1	0	1	0	2	0	2	6	0	12
	F	0	0	0	1	0	2	0	2	2	8	0	15
	Total	0	0	1	1	1	2	2	2	4	14	0	27
Food Poisoning	M	0	1	0	0	1	0	3	2	2	3	0	12
	F	0	0	0	0	0	0	0	0	1	0	0	1
	Total	0	1	0	0	1	0	3	2	3	3	0	13
Dysentery	M	0	0	0	1	1	0	0	6	1	5	0	14
	F	0	0	0	0	0	0	0	0	2	12	0	14
	Total	0	0	0	1	1	0	0	6	3	17	0	28

Tuberculosis	M	0	0	0	3	8	40	70	110	52	95	1	379
	F	0	0	0	5	3	12	18	19	11	28	0	96
	Total	0	0	0	8	11	52	88	129	63	123	1	475
Leprosy	M	0	0	0	0	0	1	0	1	0	6	0	8
	F	0	0	0	0	0	0	0	1	0	2	0	3
	Total	0	0	0	0	0	1	0	2	0	8	0	11
Diphtheria	M	0	0	0	0	0	0	0	0	0	2	0	2
	F	0	0	0	0	0	0	0	1	0	1	0	2
	Total	0	0	0	0	0	0	0	1	0	3	0	4
Whooping cough	M	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	3	0	3
	Total	0	0	0	0	0	0	0	0	0	4	0	4
Tetanus	M	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	1	0	1
	Total	0	0	0	0	0	0	1	0	0	1	0	2
Poliomyelitis	M	0	0	0	1	1	1	0	2	0	1	0	6
	F	0	0	0	1	1	0	0	1	1	1	0	5

	Total	0	0	0	2	2	1	0	3	1	2	0	11
Measles	M	0	0	0	1	1	1	4	0	2	2	0	11
	F	0	0	0	1	0	0	4	1	0	8	0	14
	Total	0	0	0	2	1	1	8	1	2	10	0	25
Rabies	M	0	0	1	0	0	0	0	1	1	0	0	3
	Total	0	0	1	0	0	0	0	1	1	0	0	3
Malaria	M	0	1	1	0	1	1	0	1	1	3	0	9
	F	0	0	0	0	0	0	2	2	0	4	0	8
	Total	0	1	1	0	1	1	2	3	1	7	0	17
Cancer	M	6	22	47	98	118	370	1305	3139	2260	4571	9	11945
	F	3	13	40	55	121	498	1277	2032	1155	2972	1	8167
	Total	9	35	87	153	239	868	2582	5171	3415	7543	10	20112
Diabetes	M	1	0	1	0	12	44	166	341	248	755	1	1569
	F	0	1	1	0	4	25	121	335	267	1002	2	1758
	Total	1	1	2	0	16	69	287	676	515	1757	3	3327
Anaemia's	M	0	0	2	1	1	5	2	5	5	27	0	48
	F	1	1	0	1	0	2	8	9	4	31	0	57

	Total	1	1	2	2	1	7	10	14	9	58	0	105
Meningitis	M	2	0	2	0	4	3	2	6	7	5	0	31
	F	1	1	2	0	0	3	8	4	1	6	0	26
	Total	3	1	4	0	4	6	10	10	8	11	0	57
Heart Attack/Heart diseases	M	180	38	43	202	451	1477	4864	10002	6555	18932	43	42787
	F	132	35	43	91	209	592	1869	4270	3463	17796	17	28517
	NR	1	0	0	0	1	0	0	0	0	0	0	2
	Total	313	73	86	293	661	2069	6733	14272	10018	36728	60	71306
Pneumonia	M	10	7	7	23	19	61	171	249	164	876	1	1588
	F	9	3	11	8	12	34	61	158	137	752	0	1185
	Total	19	10	18	31	31	95	232	407	301	1628	1	2773
Influenza	M	0	0	0	0	2	0	3	7	2	21	0	35
	F	1	2	0	0	2	3	0	7	4	22	0	41
	Total	1	2	0	0	4	3	3	14	6	43	0	76
Asthma	M	45	14	17	45	77	177	572	1888	1880	9369	22	14106
	F	28	6	12	36	54	121	353	1083	1088	11456	22	14259

	Total	73	20	29	81	131	298	925	2971	2968	20825	44	28365
Jaundice	M	0	1	3	2	18	33	60	59	42	121	0	339
	F	0	0	0	2	8	9	17	39	33	108	0	216
	Total	0	1	3	4	26	42	77	98	75	229	0	555
Liver Disease	M	1	2	2	9	43	179	562	821	453	867	2	2941
	F	0	2	0	6	13	27	98	244	220	688	1	1299
	Total	1	4	2	15	56	206	660	1065	673	1555	3	4240
Ulcer	M	1	0	2	1	1	6	28	26	25	62	0	152
	F	0	0	0	0	2	3	9	19	14	67	0	114
	Total	1	0	2	1	3	9	37	45	39	129	0	266
Appendicitis	M	0	1	0	1	0	1	1	4	4	21	0	33
	F	0	0	0	0	0	2	4	7	3	18	0	34
	Total	0	1	0	1	0	3	5	11	7	39	0	67
Syphilis and Genitourinary	M	1	1	0	0	2	0	6	12	11	56	0	89
	F	2	0	0	2	0	0	6	4	3	30	0	47
	Total	3	1	0	2	2	0	12	16	14	86	0	136
Abortion	F	0	0	0	0	1	0	0	0	0	0	0	1

	Total	0	0	0	0	1	0	0	0	0	0	0	1
Complication in Pregnancy, Child birth	F	16	0	0	4	15	3	0	0	0	0	28	66
	Total	16	0	0	4	15	3	0	0	0	0	28	66
Birth injuries	M	0	0	0	0	0	0	0	0	0	0	2	2
	F	5	0	0	1	1	0	2	0	0	0	4	13
	Total	5	0	0	1	1	0	2	0	0	0	6	15
Paralysis	M	1	1	3	9	22	60	189	502	477	1619	4	2887
	F	2	1	4	6	9	26	105	392	348	2204	4	3101
	Total	3	2	7	15	31	86	294	894	825	3823	8	5988
Senility	M	0	0	0	0	0	0	0	792	1400	17584	28	19804
	F	0	0	0	0	0	0	0	760	1433	29623	35	31851
	NR	0	0	0	0	0	0	0	1	0	1	0	2
	Total	0	0	0	0	0	0	0	1553	2833	47208	63	51657
Venomous Animals Bites/	M	0	4	1	0	2	3	4	10	2	5	0	31
	F	0	0	1	4	1	2	4	6	1	4	0	23

	Total	0	4	2	4	3	5	8	16	3	9	0	54
Burns(Accidental)	M	0	1	1	7	11	13	18	16	8	16	2	93
	F	0	3	1	17	11	18	12	23	9	27	1	122
	Total	0	4	2	24	22	31	30	39	17	43	3	215
Drowning, Falls	M	1	18	86	208	152	192	267	204	82	164	3	1377
	F	3	10	12	19	19	26	44	46	41	133	0	353
	Total	4	28	98	227	171	218	311	250	123	297	3	1730
Poisoning	M	0	0	1	2	4	6	12	11	10	133	0	179
	F	0	1	0	2	2	0	4	7	5	86	0	107
	Total	0	1	1	4	6	6	16	18	15	219	0	286
Accident (Traffic/Vehicles)	M	4	13	34	525	436	364	380	326	132	228	7	2449
	F	0	10	14	27	43	56	83	68	42	85	1	429
	NR	0	0	0	0	0	0	0	0	0	0	1	1
	Total	4	23	48	552	479	420	463	394	174	313	9	2879
Other Accidents	M	3	2	10	46	45	72	85	69	27	35	0	394
	F	3	1	2	4	3	10	14	16	7	21	0	81
	Total	6	3	12	50	48	82	99	85	34	56	0	475

Suicide	M	0	0	33	361	649	849	924	841	288	401	4	4350
	F	0	0	20	273	178	119	143	128	72	156	0	1089
	Total	0	0	53	634	827	968	1067	969	360	557	4	5439
Homicide	M	2	0	1	12	17	19	10	6	7	8	0	82
	F	0	0	2	4	10	11	13	6	3	5	1	55
	Total	2	0	3	16	27	30	23	12	10	13	1	137
AIDS	M	0	0	0	0	0	1	4	1	0	0	0	6
	F	0	0	0	0	1	0	4	0	1	0	0	6
	Total	0	0	0	0	1	1	8	1	1	0	0	12
Old Age	F	0	0	0	0	0	0	0	1	0	1	2	4
	Total	0	0	0	0	0	0	0	1	0	1	2	4
Hysteria	M	0	0	1	0	3	1	1	1	0	0	0	7
	F	0	0	0	1	1	1	1	0	0	0	0	4
	Total	0	0	1	1	4	2	2	1	0	0	0	11
Premature	M	85	0	0	0	0	0	0	0	0	0	20	105
	F	70	0	0	0	0	0	0	0	0	0	33	103
	Total	155	0	0	0	0	0	0	0	0	0	53	208

Blood Pressure	M	3	0	3	5	12	44	122	277	234	769	2	1471
	F	2	0	0	6	5	29	61	221	222	1239	2	1787
	Total	5	0	3	11	17	73	183	498	456	2008	4	3258
Kidney Trouble	M	7	2	3	18	46	133	442	836	568	1379	6	3440
	F	5	0	4	13	41	83	281	541	395	1007	2	2372
	Total	12	2	7	31	87	216	723	1377	963	2386	8	5812
Others	M	981	184	259	788	1148	2150	4523	7225	4624	13468	68	35418
	F	839	173	209	373	494	890	1899	3417	2617	13667	36	24614
	NR	7	1	0	0	0	0	1	0	0	0	0	9
	Total	1827	358	468	1161	1642	3040	6423	10642	7241	27135	104	60041
Not Stated	M	24	1	0	1	3	10	76	14	11	41	1	182
	F	0	0	5	0	0	11	52	3	4	11	0	86
	Total	24	1	5	1	3	21	128	17	15	52	1	268
State Total	M	1358	314	565	2370	3312	6317	14880	27813	19587	71657	226	148399
	F	1122	263	383	964	1265	2618	6577	13874	11609	83287	192	122154
	NR	8	1	0	0	1	0	1	1	0	1	1	14
	Total	2488	578	948	3334	4578	8935	21458	41688	31196	154945	419	270567

TABLE - D11

Deaths by Cause of Death, Age and Sex for Medically Certified Deaths													
Cause of Deaths	SEX	Age of the Deceased											
		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	0	0	0	1
	F	0	0	0	1	0	0	0	0	0	0	0	1
	Total	0	0	0	1	0	0	1	0	0	0	0	2
Typhoid	M	0	0	1	0	0	0	1	0	1	3	0	6
	F	0	0	0	0	0	1	0	1	0	4	0	6
	Total	0	0	1	0	0	1	1	1	1	7	0	12
Food Poisoning	M	0	1	0	0	1	0	2	0	2	2	0	8
	F	0	0	0	0	0	0	0	0	1	0	0	1
	Total	0	1	0	0	1	0	2	0	3	2	0	9
Dysentery	M	0	0	0	0	1	0	0	3	1	3	0	8
	F	0	0	0	0	0	0	0	0	1	5	0	6
	Total	0	0	0	0	1	0	0	3	2	8	0	14
Tuberculosis	M	0	0	0	3	8	23	45	73	33	65	1	251
	F	0	0	0	5	1	5	16	10	6	13	0	56
	Total	0	0	0	8	9	28	61	83	39	78	1	307

Leprosy	M	0	0	0	0	0	0	0	1	0	4	0	5
	F	0	0	0	0	0	0	0	0	0	2	0	2
	Total	0	0	0	0	0	0	0	1	0	6	0	7
Diphtheria	M	0	0	0	0	0	0	0	0	0	1	0	1
	F	0	0	0	0	0	0	0	0	0	1	0	1
	Total	0	0	0	0	0	0	0	0	0	2	0	2
Whooping cough	F	0	0	0	0	0	0	0	0	0	1	0	1
	Total	0	0	0	0	0	0	0	0	0	1	0	1
Tetanus	M	0	0	0	0	0	0	1	0	0	0	0	1
	F	0	0	0	0	0	0	0	0	0	1	0	1
	Total	0	0	0	0	0	0	1	0	0	1	0	2
Poliomyelitis	M	0	0	0	1	1	1	0	1	0	1	0	5
	F	0	0	0	1	1	0	0	0	0	0	0	2
	Total	0	0	0	2	2	1	0	1	0	1	0	7
Measles	M	0	0	0	0	1	0	2	0	1	1	0	5
	F	0	0	0	0	0	0	1	1	0	1	0	3
	Total	0	0	0	0	1	0	3	1	1	2	0	8
Rabies	M	0	0	0	0	0	0	0	1	1	0	0	2
	Total	0	0	0	0	0	0	0	1	1	0	0	2

Malaria	M	0	0	0	0	0	1	0	0	0	0	0	1
	F	0	0	0	0	0	0	1	0	0	1	0	2
	Total	0	0	0	0	0	1	1	0	0	1	0	3
Cancer	M	6	20	41	81	99	285	971	2218	1546	3028	4	8299
	F	3	11	34	46	102	390	917	1411	758	1908	0	5580
	Total	9	31	75	127	201	675	1888	3629	2304	4936	4	13879
Diabetes	M	1	0	1	0	7	26	117	228	158	435	0	973
	F	0	1	1	0	2	19	70	195	150	493	1	932
	Total	1	1	2	0	9	45	187	423	308	928	1	1905
Anaemia's	M	0	0	1	1	0	3	2	4	2	21	0	34
	F	1	1	0	1	0	2	7	7	3	24	0	46
	Total	1	1	1	2	0	5	9	11	5	45	0	80
Meningitis	M	2	0	1	0	3	2	1	4	6	3	0	22
	F	1	1	0	0	0	3	6	3	0	5	0	19
	Total	3	1	1	0	3	5	7	7	6	8	0	41
Heart Attack/Heart diseases	M	172	34	36	174	351	1116	3561	7251	4805	14159	29	31688
	F	124	31	36	76	178	451	1447	3190	2610	13027	10	21180
	NR	1	0	0	0	1	0	0	0	0	0	0	2
	Total	297	65	72	250	530	1567	5008	10441	7415	27186	39	52870

Pneumonia	M	9	5	6	20	15	58	168	232	156	791	1	1461
	F	9	3	9	5	12	30	54	151	124	683	0	1080
	Total	18	8	15	25	27	88	222	383	280	1474	1	2541
Influenza	M	0	0	0	0	0	0	2	2	0	6	0	10
	F	1	0	0	0	1	1	0	2	2	7	0	14
	Total	1	0	0	0	1	1	2	4	2	13	0	24
Asthma	M	40	6	7	36	60	123	356	1105	1078	4595	9	7415
	F	23	6	6	28	37	80	220	599	577	5012	13	6601
	Total	63	12	13	64	97	203	576	1704	1655	9607	22	14016
Jaundice	M	0	1	1	2	14	21	39	35	32	89	0	234
	F	0	0	0	1	6	5	13	24	20	82	0	151
	Total	0	1	1	3	20	26	52	59	52	171	0	385
Liver Disease	M	1	2	1	7	39	155	476	673	365	694	2	2415
	F	0	1	0	5	11	23	83	205	176	563	1	1068
	Total	1	3	1	12	50	178	559	878	541	1257	3	3483
Ulcer	M	1	0	2	1	1	5	19	15	18	36	0	98
	F	0	0	0	0	2	2	5	11	4	36	0	60
	Total	1	0	2	1	3	7	24	26	22	72	0	158
Appendicitis	M	0	1	0	1	0	1	1	3	2	12	0	21
	F	0	0	0	0	0	0	1	3	2	10	0	16
	Total	0	1	0	1	0	1	2	6	4	22	0	37

Syphilis and Genitourinary	M	1	1	0	0	2	0	2	9	5	30	0	50
	F	2	0	0	1	0	0	6	2	2	25	0	38
	Total	3	1	0	1	2	0	8	11	7	55	0	88
Complication in Pregnancy, Child birth	F	13	0	0	4	12	1	0	0	0	0	17	47
	Total	13	0	0	4	12	1	0	0	0	0	17	47
Birth injuries	M	0	0	0	0	0	0	0	0	0	0	2	2
	F	5	0	0	0	1	0	2	0	0	0	2	10
	Total	5	0	0	0	1	0	2	0	0	0	4	12
Paralysis	M	1	1	2	6	12	41	122	294	278	961	2	1720
	F	2	1	3	2	5	15	71	243	214	1214	2	1772
	Total	3	2	5	8	17	56	193	537	492	2175	4	3492
Senility	M	0	0	0	0	0	0	0	302	528	6666	14	7510
	F	0	0	0	0	0	0	0	279	577	11402	12	12270
	Total	0	0	0	0	0	0	0	581	1105	18068	26	19780
Venomous Animals Bites/	M	0	2	0	0	1	3	3	8	2	5	0	24
	F	0	0	1	3	0	2	4	4	1	2	0	17
	Total	0	2	1	3	1	5	7	12	3	7	0	41
Burns(Accidental)	M	0	1	1	6	10	11	18	16	7	15	2	87
	F	0	3	1	17	11	17	11	21	9	22	0	112
	Total	0	4	2	23	21	28	29	37	16	37	2	199
Drowning, Falls	M	1	17	73	176	134	174	235	179	65	139	2	1195
	F	3	8	11	17	17	22	39	36	32	102	0	287
	Total	4	25	84	193	151	196	274	215	97	241	2	1482

Poisoning	M	0	0	1	2	3	6	11	9	3	47	0	82
	F	0	1	0	2	2	0	3	5	3	28	0	44
	Total	0	1	1	4	5	6	14	14	6	75	0	126
Accident(Traffic/Vehicles)	M	3	12	32	484	387	339	340	299	121	209	6	2232
	F	0	10	11	26	39	49	79	63	40	73	1	391
	NR	0	0	0	0	0	0	0	0	0	0	1	1
	Total	3	22	43	510	426	388	419	362	161	282	8	2624
Other Accidents	M	2	1	10	41	42	59	73	60	26	29	0	343
	F	2	1	2	3	3	8	13	12	4	17	0	65
	Total	4	2	12	44	45	67	86	72	30	46	0	408
Suicide	M	0	0	30	307	554	727	782	732	230	341	4	3707
	F	0	0	17	252	145	103	127	111	61	131	0	947
	Total	0	0	47	559	699	830	909	843	291	472	4	4654
Homicide	M	2	0	1	12	15	15	8	6	5	8	0	72
	F	0	0	2	2	10	10	11	5	3	5	0	48
	Total	2	0	3	14	25	25	19	11	8	13	0	120
AIDS	M	0	0	0	0	0	1	3	0	0	0	0	4
	F	0	0	0	0	0	0	2	0	1	0	0	3
	Total	0	0	0	0	0	1	5	0	1	0	0	7
Old Age	F	0	0	0	0	0	0	0	1	0	1	2	4
	Total	0	0	0	0	0	0	0	1	0	1	2	4
Hysteria	M	0	0	1	0	2	0	0	1	0	0	0	4
	F	0	0	0	1	1	1	0	0	0	0	0	3

	Total	0	0	1	1	3	1	0	1	0	0	0	7
Premature	M	84	0	0	0	0	0	0	0	0	0	10	94
	F	70	0	0	0	0	0	0	0	0	0	16	86
	Total	154	0	0	0	0	0	0	0	0	0	26	180
Blood Pressure	M	3	0	3	4	8	23	80	181	142	456	2	902
	F	1	0	0	5	3	19	31	139	114	628	1	941
	Total	4	0	3	9	11	42	111	320	256	1084	3	1843
Kidney Trouble	M	7	0	3	12	40	105	309	574	423	1002	5	2480
	F	5	0	4	12	32	61	203	375	276	724	1	1693
	Total	12	0	7	24	72	166	512	949	699	1726	6	4173
Others	M	966	144	232	657	966	1826	3940	6277	3965	10419	57	29449
	F	821	159	171	308	420	757	1631	2828	2140	9403	28	18666
	NR	7	0	0	0	0	0	1	0	0	0	0	8
	Total	1794	303	403	965	1386	2583	5572	9105	6105	19822	85	48123
Not Stated	M	19	1	0	1	1	6	29	6	7	24	0	94
	F	0	0	2	0	0	3	21	2	3	8	0	39
	Total	19	1	2	1	1	9	50	8	10	32	0	133
State Total	M	1321	250	487	2035	2778	5156	11720	20802	14014	44300	152	103015
	F	1086	238	311	824	1054	2080	5095	9939	7914	45664	107	74312
	NR	8	0	0	0	1	0	1	0	0	0	1	11
	Total	2415	488	798	2859	3833	7236	16816	30741	21928	89964	260	177338

TABLE - D12

Infant Death by Place of Occurrence, District (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 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		13	6	0	19	12	5	0	2	19
		Urban		10	7	0	17	2	9	0	6	17
		Total		23	13	0	36	14	14	0	8	36
2	Kannur	Rural		58	51	0	109	9	65	0	35	109
		Urban		35	35	0	70	4	34	0	32	70
		Total		93	86	0	179	13	99	0	67	179
		Kannur (C)		19	24	0	43	0	22	0	21	43
3	Wayanad	Rural		20	13	0	33	7	17	0	9	33
		Urban		13	5	0	18	0	8	0	10	18
		Total		33	18	0	51	7	25	0	19	51
4	Kozhikode	Rural		14	9	0	23	12	4	0	7	23
		Urban		311	278	4	593	47	136	0	410	593
		Total		325	287	4	616	59	140	0	417	616

			Kozhikode (C)	303	274	4	581	45	133	0	403	581
5	Malappuram	Rural		68	58	0	126	21	44	0	61	126
		Urban		84	56	0	140	16	72	0	52	140
		Total		152	114	0	266	37	116	0	113	266
			Manjeri (M)	12	12	0	24	8	11	0	5	24
6	Palakkad	Rural		17	13	0	30	10	11	0	9	30
		Urban		20	20	0	40	6	20	0	14	40
		Total		37	33	0	70	16	31	0	23	70
			Palakkad (M)	10	10	0	20	4	8	0	8	20
7	Thrissur	Rural		78	74	0	152	5	38	0	109	152
		Urban		71	69	0	140	9	37	0	94	140
		Total		149	143	0	292	14	75	0	203	292
			Thrissur (C)	56	49	0	105	2	22	0	81	105
8	Ernakulam	Rural		61	61	1	123	5	45	0	73	123
		Urban		19	11	1	31	1	17	0	13	31
		Total		80	72	2	154	6	62	0	86	154
9	Idukki	Rural		5	9	0	14	6	7	0	1	14
		Urban		8	6	0	14	0	9	0	5	14
		Total		13	15	0	28	6	16	0	6	28
10	Kottayam	Rural		77	59	0	136	7	45	0	84	136
		Urban		8	7	0	15	1	11	0	3	15

		Total		85	66	0	151	8	56	0	87	151
			Kottayam (M)	2	1	0	3	1	2	0	0	3
11	Alappuzha	Rural		31	19	0	50	2	39	0	9	50
		Urban		3	1	0	4	1	2	0	1	4
		Total		34	20	0	54	3	41	0	10	54
			Alappuzha (M)	2	0	0	2	1	1	0	0	2
12	Pathanamthitta	Rural		14	17	0	31	2	5	0	24	31
		Urban		21	11	0	32	2	10	0	20	32
		Total		35	28	0	63	4	15	0	44	63
13	Kollam	Rural		14	13	0	27	8	12	0	7	27
		Urban		11	15	0	26	4	12	0	10	26
		Total		25	28	0	53	12	24	0	17	53
			Kollam (C)	7	8	0	15	3	7	0	5	15
14	Thiruvananthapuram	Rural		10	4	0	14	10	3	0	1	14
		Urban		264	195	2	461	49	63	0	349	461
		Total		274	199	2	475	59	66	0	350	475
			Thiruvananthapuram (C)	262	192	2	456	48	61	0	347	456
State Total	State Total	Rural		480	406	1	887	116	340	0	431	887
		Urban		878	716	7	1601	142	440	0	1019	1601
		Total		1358	1122	8	2488	258	780	0	1450	2488

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		17	9	0	26	1.83	12	14	0	26
		Urban		2	0	0	2	0.9	2	0	0	2
		Total		19	9	0	28	1.7	14	14	0	28
2	Kannur	Rural		48	36	0	84	3.46	9	75	0	84
		Urban		13	15	0	28	5.92	4	24	0	28
		Total		61	51	0	112	3.86	13	99	0	112
			Kannur (C)	3	1	0	4	7.62	0	4	0	4
3	Wayanad	Rural		21	9	0	30	3.47	7	23	0	30
		Urban		1	1	0	2	4.25	0	2	0	2
		Total		22	10	0	32	3.51	7	25	0	32
4	Kozhikode	Rural		62	73	1	136	4.8	12	124	0	136
		Urban		34	28	0	62	6.33	47	15	0	62
		Total		96	101	1	198	5.19	59	139	0	198
			Kozhikode (C)	25	20	0	45	6.1	45	0	0	45

5	Malappuram	Rural		70	61	0	131	2.28	21	110	0	131
		Urban		16	7	0	23	2.06	16	7	0	23
		Total		86	68	0	154	2.25	37	117	0	154
			Manjeri (M)	8	3	0	11	3.47	8	3	0	11
6	Palakkad	Rural		15	18	0	33	1.49	10	23	0	33
		Urban		9	5	0	14	4.92	6	8	0	14
		Total		24	23	0	47	1.88	16	31	0	47
			Palakkad (M)	5	3	0	8	6.77	4	4	0	8
7	Thrissur	Rural		36	31	0	67	3.15	5	62	0	67
		Urban		13	9	0	22	5.21	9	13	0	22
		Total		49	40	0	89	3.49	14	75	0	89
			Thrissur (C)	3	1	0	4	5.26	2	2	0	4
8	Ernakulam	Rural		29	23	1	53	3.47	5	48	0	53
		Urban		8	7	0	15	4.53	1	14	0	15
		Total		37	30	1	68	3.66	6	62	0	68
			Kochi (C)	6	2	0	8	9.09	0	8	0	8
			Thrippunithura (M)	1	1	0	2	5.14	0	2	0	2
9	Idukki	Rural		10	11	0	21	2.94	6	15	0	21
		Urban		0	1	0	1	2.42	0	1	0	1
		Total		10	12	0	22	2.91	6	16	0	22

10	Kottayam	Rural		30	25	0	55	4.31	7	48	0	55
		Urban		6	3	0	9	5.25	1	8	0	9
		Total		36	28	0	64	4.42	8	56	0	64
			Kottayam (M)	5	2	0	7	6.7	1	6	0	7
11	Alappuzha	Rural		24	14	0	38	3.53	2	36	0	38
		Urban		4	2	0	6	2.04	1	5	0	6
		Total		28	16	0	44	3.21	3	41	0	44
			Alappuzha (M)	3	0	0	3	2.04	1	2	0	3
12	Pathanamthitta	Rural		10	4	0	14	1.87	2	12	0	14
		Urban		2	3	0	5	4.63	2	3	0	5
		Total		12	7	0	19	2.22	4	15	0	19
13	Kollam	Rural		14	15	0	29	1.84	8	21	0	29
		Urban		4	3	0	7	1.51	4	3	0	7
		Total		18	18	0	36	1.76	12	24	0	36
			Kollam (C)	2	2	0	4	1.03	3	1	0	4
14	Thiruvananthapuram	Rural		36	25	0	61	3.41	10	51	0	61
		Urban		38	26	0	64	4.98	49	15	0	64
		Total		74	51	0	125	4.07	59	66	0	125
			Thiruvananthapuram (C)	29	19	0	48	4.53	48	0	0	48
15	Not Reported			786	658	6	1450		0	0	1450	1450
	State	Rural		422	354	2	778	2.96	116	662	0	778
		Urban		150	110	0	260	4.17	142	118	0	260
		Total		1358	1122	8	2488	5.18	258	780	1450	2488

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	236	196	1	433	517	397	7	921	753	593	8	1354
2	7 days - 28 days	97	73	0	170	137	133	0	270	234	206	0	440
3	28 days - 6 months	115	98	0	213	172	147	0	319	287	245	0	532
4	6 months -1 year	32	39	0	71	52	39	0	91	84	78	0	162
Total		480	406	1	887	878	716	7	1601	1358	1122	8	2488

TABLE - D15

Pregnancy Related Deaths by Age Group of the Deceased and Cause of Death for Medically Certified Deaths (Rural & Urban)

Cause of Death	Age of the Deceased									Total
	Below 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Above	Not Stated	
All Areas										
Heart Attack/Heart diseases	0	0	1	1	5	1	5	4	0	17
Pneumonia	0	0	0	0	0	0	1	1	0	2
Asthma	0	0	1	2	1	0	0	1	0	5
Complication in Pregnancy, Child birth	0	0	4	6	6	1	0	0	30	47
Birth injuries	0	0	0	0	1	0	0	2	7	10
Kidney Trouble	0	0	0	0	0	0	1	0	0	1
All Total	0	0	6	9	13	2	7	8	37	82
Rural Areas										
Heart Attack/Heart diseases	0	0	1	0	2	0	3	3	0	9
Pneumonia	0	0	0	0	0	0	0	1	0	1
Asthma	0	0	1	2	0	0	0	1	0	4
Complication in Pregnancy, Child birth	0	0	3	3	3	1	0	0	12	22
Birth injuries	0	0	0	0	1	0	0	2	4	7
Rural Areas Total	0	0	5	5	6	1	3	7	16	43
Urban Areas										
Heart Attack/Heart diseases	0	0	0	1	3	1	2	1	0	8
Pneumonia	0	0	0	0	0	0	1	0	0	1
Asthma	0	0	0	0	1	0	0	0	0	1
Complication in Pregnancy, Child birth	0	0	1	3	3	0	0	0	18	25
Birth injuries	0	0	0	0	0	0	0	0	3	3
Kidney Trouble	0	0	0	0	0	0	1	0	0	1
Urban Areas Total	0	0	1	4	7	1	4	1	21	39

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									Total
	Below 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Above	Not Stated	
All Areas										
Diabetes	0	0	0	0	0	0	0	1	0	1
Heart Attack/Heart diseases	0	1	1	1	5	1	5	5	0	19
Pneumonia	0	0	0	0	0	0	1	1	0	2
Asthma	0	0	1	2	1	1	0	1	0	6
Abortion	0	0	0	1	0	0	0	0	0	1
Complication in Pregnancy, Child birth	0	0	4	6	9	3	0	0	44	66
Birth injuries	0	1	0	0	1	0	0	2	9	13
Kidney Trouble	0	0	0	0	0	0	1	0	0	1
All Areas Total	0	2	6	10	16	5	7	10	53	109
Rural Areas										
Diabetes	0	0	0	0	0	0	0	1	0	1
Heart Attack/Heart diseases	0	1	1	0	2	0	3	4	0	11
Pneumonia	0	0	0	0	0	0	0	1	0	1
Asthma	0	0	1	2	0	1	0	1	0	5
Abortion	0	0	0	1	0	0	0	0	0	1
Complication in Pregnancy, Child birth	0	0	3	3	6	3	0	0	22	37
Birth injuries	0	1	0	0	1	0	0	2	5	9
Rural Areas Total	0	2	5	6	9	4	3	9	27	65
Urban Areas										
Heart Attack/Heart diseases	0	0	0	1	3	1	2	1	0	8
Pneumonia	0	0	0	0	0	0	1	0	0	1
Asthma	0	0	0	0	1	0	0	0	0	1
Complication in Pregnancy, Child birth	0	0	1	3	3	0	0	0	22	29
Birth injuries	0	0	0	0	0	0	0	0	4	4
Kidney Trouble	0	0	0	0	0	0	1	0	0	1
Urban Areas Total	0	0	1	4	7	1	4	1	26	44

TABLE - D17

Pregnancy Related Deaths				
Sl. No.	District	Rural	Urban	Total
1	Kasaragod	2	0	2
2	Kannur	4	2	6
3	Wayanad	1	0	1
4	Kozhikode	6	11	17
5	Malappuram	10	5	15
6	Palakkad	5	2	7
7	Thrissur	7	4	11
8	Ernakulam	6	3	9
9	Idukki	6	0	6
10	Kottayam	5	0	5
11	Alappuzha	4	1	5
12	Pathanamthitta	2	0	2
13	Kollam	3	3	6
14	Thiruvananthapuram	4	13	17
Total		65	44	109

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	0	0	0	0	0	2	2
Sales Workers	0	0	0	0	0	1	0	0	0	1
Service Workers	0	0	0	0	1	0	0	0	0	1
Farmers, Fishers, Hunters, Loggers & related workers	0	0	0	0	0	1	0	0	0	1
Production and other related workers, transport & other equipment operators & labourers	0	0	0	0	0	0	1	2	0	3
Workers whose occupation are not elsewhere classified	0	0	0	3	3	0	2	0	4	12
Non Workers	0	1	5	7	9	2	3	7	35	69
Not Stated	0	1	1	0	3	1	1	1	12	20
All Areas Total	0	2	6	10	16	5	7	10	53	109
Rural Areas										
Sales Workers	0	0	0	0	0	1	0	0	0	1
Farmers, Fishers, Hunters, Loggers & related workers	0	0	0	0	0	1	0	0	0	1
Production and other related workers, transport & other equipment operators & labourers	0	0	0	0	0	0	0	2	0	2
Workers whose occupation are not elsewhere classified	0	0	0	0	1	0	0	0	0	1
Non Workers	0	1	4	6	7	1	3	6	18	46
Not Stated	0	1	1	0	1	1	0	1	9	14
Rural Areas Total	0	2	5	6	9	4	3	9	27	65
Urban Areas										
Professional, Technical and related workers	0	0	0	0	0	0	0	0	2	2
Service Workers	0	0	0	0	1	0	0	0	0	1
Production and other related workers, transport & other equipment operators & labourers	0	0	0	0	0	0	1	0	0	1
Workers whose occupation are not elsewhere classified	0	0	0	3	2	0	2	0	4	11
Non Workers	0	0	1	1	2	1	0	1	17	23
Not Stated	0	0	0	0	2	0	1	0	3	6
Urban Areas Total	0	0	1	4	7	1	4	1	26	44

TABLE - D19

Deaths by selected cause of Death, Age, Sex, and Habit (Rural)

Selected cause of Death/ Sex/ Habit	Age Group									
	Below 15	15-24	25-34	35-44	45-54	55-64	65-69	70 & Above	Not Stated	Total
TUBERCULOSIS										
MALE										
Habit not Known	0	2	5	19	23	43	18	42	0	152
Only Smoking	0	0	0	2	6	3	7	12	0	30
Only Chewing Tobacco	0	0	0	0	1	1	0	1	0	3
Smoking and Chewing Tobacco	0	0	0	0	1	1	1	0	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	1	1	4	0	1	0	7
Smoking and Drinking Alcohol	0	0	0	6	9	14	6	5	0	40
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	1	0	2	0	4
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
All Habits	0	0	0	0	0	1	0	0	0	1
Male Total	0	2	5	29	43	69	32	64	0	244
FEMALE										
Habit not Known	0	1	2	7	8	13	9	18	0	58
Only Chewing Tobacco	0	0	0	0	1	0	0	2	0	3
Female Total	0	1	2	7	9	13	9	20	0	61

ALL										
Habit not Known	0	3	7	26	31	56	27	60	0	210
Only Smoking	0	0	0	2	6	3	7	12	0	30
Only Chewing Tobacco	0	0	0	0	2	1	0	3	0	6
Smoking and Chewing Tobacco	0	0	0	0	1	1	1	0	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	1	1	4	0	1	0	7
Smoking and Drinking Alcohol	0	0	0	6	9	14	6	5	0	40
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	1	0	2	0	4
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
All Habits	0	0	0	0	0	1	0	0	0	1
All Total	0	3	7	36	52	82	41	84	0	305
WHOOPING COUGH										
MALE										
Habit not Known	0	0	0	0	0	0	0	1	0	1
Male Total	0	0	0	0	0	0	0	1	0	1
FEMALE										
Habit not Known	0	0	0	0	0	0	0	3	0	3
Female Total	0	0	0	0	0	0	0	3	0	3
ALL										
Habit not Known	0	0	0	0	0	0	0	4	0	4
All Total	0	0	0	0	0	0	0	4	0	4

CANCER										
MALE										
Habit not Known	30	41	55	185	600	1494	1128	2611	5	6149
Only Smoking	0	0	1	7	65	274	214	336	0	897
Only Chewing Tobacco	0	0	0	1	10	14	13	40	0	78
Smoking and Chewing Tobacco	0	0	0	1	7	18	13	22	0	61
Only Chewing Arecanut	0	0	0	0	2	3	1	5	0	11
Smoking and Chewing Arecanut	0	0	0	0	0	1	1	1	0	3
Chewing Tobacco and Arecanut	0	0	0	2	3	4	1	5	0	15
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	2	3	0	6
Only Drinking Alcohol	0	0	0	6	29	51	16	44	0	146
Smoking and Drinking Alcohol	0	0	1	7	86	211	116	190	0	611
Chewing Tobacco and Drinking Alcohol	0	0	0	0	5	5	4	12	0	26
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	3	10	23	19	24	0	80
Chewing Arecanut and Drinking Alcohol	0	0	1	0	1	1	0	2	0	5
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	1	1	2	0	5
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	3	2	2	0	0	8
All Habits	0	0	0	4	6	8	6	7	0	31
Male Total	30	41	59	217	828	2111	1537	3304	5	8132
FEMALE										
Habit not Known	17	26	55	272	779	1310	781	2042	1	5283
Only Smoking	0	0	0	0	0	2	3	2	0	7
Only Chewing Tobacco	0	0	0	1	10	19	21	77	0	128
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1

Only Chewing Arecanut	0	0	0	0	3	0	3	4	0	10
Chewing Tobacco and Arecanut	0	0	0	1	0	4	1	9	0	15
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	1	0	0	2
Female Total	17	26	55	274	792	1336	810	2135	1	5446
ALL										
Habit not Known	47	67	110	457	1379	2804	1909	4653	6	11432
Only Smoking	0	0	1	7	65	276	217	338	0	904
Only Chewing Tobacco	0	0	0	2	20	33	34	117	0	206
Smoking and Chewing Tobacco	0	0	0	1	7	18	13	23	0	62
Only Chewing Arecanut	0	0	0	0	5	3	4	9	0	21
Smoking and Chewing Arecanut	0	0	0	0	0	1	1	1	0	3
Chewing Tobacco and Arecanut	0	0	0	3	3	8	2	14	0	30
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	2	3	0	6
Only Drinking Alcohol	0	0	0	6	29	51	16	44	0	146
Smoking and Drinking Alcohol	0	0	1	7	86	211	116	190	0	611
Chewing Tobacco and Drinking Alcohol	0	0	0	0	5	5	4	12	0	26
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	3	10	23	19	24	0	80
Chewing Arecanut and Drinking Alcohol	0	0	1	0	1	1	0	2	0	5
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	1	1	2	0	5
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	3	3	3	0	0	10
All Habits	0	0	0	4	6	8	6	7	0	31
All Total	47	67	114	491	1620	3447	2347	5439	6	13578

DIABETES										
MALE										
Habit not Known	1	0	9	22	78	173	132	474	0	889
Only Smoking	0	0	0	5	5	8	11	21	0	50
Only Chewing Tobacco	0	0	0	0	1	1	0	6	0	8
Smoking and Chewing Tobacco	0	0	0	1	0	2	1	2	0	6
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	0	0	0	0	1
Only Drinking Alcohol	0	0	0	1	2	7	1	4	0	15
Smoking and Drinking Alcohol	0	0	0	0	8	11	6	15	0	40
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	0	1	0	0	0	2
Male Total	1	0	10	29	95	204	152	523	0	1014
FEMALE										
Habit not Known	2	0	2	12	73	217	184	735	2	1227
Only Chewing Tobacco	0	0	0	0	0	1	0	11	0	12
Only Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Female Total	2	0	2	12	73	218	184	748	2	1241
ALL										
Habit not Known	3	0	11	34	151	390	316	1209	2	2116
Only Smoking	0	0	0	5	5	8	11	21	0	50
Only Chewing Tobacco	0	0	0	0	1	2	0	17	0	20
Smoking and Chewing Tobacco	0	0	0	1	0	2	1	2	0	6

Only Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	1	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	0	0	0	0	1
Only Drinking Alcohol	0	0	0	1	2	7	1	4	0	15
Smoking and Drinking Alcohol	0	0	0	0	8	11	6	15	0	40
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	0	1	0	0	0	2
All Total	3	0	12	41	168	422	336	1271	2	2255

HEART ATTACK/HEART DISEASES

MALE

Habit not Known	118	101	249	704	2470	5021	3368	10028	23	22082
Only Smoking	0	0	5	44	235	530	307	520	3	1644
Only Chewing Tobacco	0	0	0	3	10	23	33	88	0	157
Smoking and Chewing Tobacco	0	0	0	2	17	25	14	41	0	99
Only Chewing Arecanut	0	0	0	0	2	8	3	9	0	22
Smoking and Chewing Arecanut	0	0	0	0	1	2	0	1	0	4
Chewing Tobacco and Arecanut	0	0	0	1	2	6	2	3	0	14
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	2	2	2	0	7
Only Drinking Alcohol	0	0	9	42	87	122	66	93	2	421
Smoking and Drinking Alcohol	0	1	8	51	198	375	196	246	1	1076
Chewing Tobacco and Drinking Alcohol	0	0	0	6	13	19	7	35	0	80
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	11	25	32	19	45	0	133
Chewing Arecanut and Drinking Alcohol	0	0	1	3	6	3	0	0	0	13

Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	2	3	4	2	5	0	16
Drinking, Chewing Tobacco and Arecanut	0	0	0	4	3	4	2	1	0	14
All Habits	0	0	3	1	3	7	6	10	0	30
Male Total	118	102	276	874	3076	6183	4027	11127	29	25812
FEMALE										
Habit not Known	100	52	113	336	1083	2531	2035	10579	12	16841
Only Smoking	0	0	0	0	1	3	1	8	0	13
Only Chewing Tobacco	0	0	0	1	3	20	16	112	0	152
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Arecanut	0	0	0	0	1	3	4	14	0	22
Chewing Tobacco and Arecanut	0	0	0	0	1	0	4	13	0	18
Only Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Female Total	100	52	113	338	1089	2558	2060	10728	12	17050
ALL										
Habit not Known	218	153	362	1040	3553	7552	5403	20607	35	38923
Only Smoking	0	0	5	44	236	533	308	528	3	1657
Only Chewing Tobacco	0	0	0	4	13	43	49	200	0	309
Smoking and Chewing Tobacco	0	0	0	2	17	25	14	42	0	100
Only Chewing Arecanut	0	0	0	0	3	11	7	23	0	44
Smoking and Chewing Arecanut	0	0	0	0	1	2	0	1	0	4
Chewing Tobacco and Arecanut	0	0	0	1	3	6	6	16	0	32
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	2	2	2	0	7
Only Drinking Alcohol	0	0	9	43	87	122	66	93	2	422

Smoking and Drinking Alcohol	0	1	8	51	198	375	196	246	1	1076
Chewing Tobacco and Drinking Alcohol	0	0	0	6	13	20	7	36	0	82
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	11	25	32	19	45	0	133
Chewing Arecanut and Drinking Alcohol	0	0	1	3	6	3	0	0	0	13
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	2	3	4	2	5	0	16
Drinking, Chewing Tobacco and Arecanut	0	0	0	4	3	4	2	1	0	14
All Habits	0	0	3	1	3	7	6	10	0	30
All Total	218	154	389	1212	4165	8741	6087	21855	41	42862
PNEUMONIA										
MALE										
Habit not Known	17	7	5	13	35	40	33	238	1	389
Only Smoking	0	0	0	1	5	9	3	17	0	35
Only Chewing Tobacco	0	0	0	0	0	0	0	3	0	3
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	0	1	1	1	1	4	0	8
Smoking and Drinking Alcohol	0	0	2	2	3	5	2	2	0	16
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	0	2	0	3
All Habits	0	0	0	0	1	0	0	1	0	2
Male Total	17	7	7	18	45	55	40	269	1	459
FEMALE										
Habit not Known	9	2	3	12	16	26	39	222	0	329
Only Chewing Tobacco	0	0	0	0	0	0	0	2	0	2

Only Chewing Arecanut	0	0	0	0	0	1	0	1	0	2
Female Total	9	2	3	12	16	27	39	225	0	333
ALL										
Habit not Known	26	9	8	25	51	66	72	460	1	718
Only Smoking	0	0	0	1	5	9	3	17	0	35
Only Chewing Tobacco	0	0	0	0	0	0	0	5	0	5
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Arecanut	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	0	1	1	1	1	4	0	8
Smoking and Drinking Alcohol	0	0	2	2	3	5	2	2	0	16
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	0	2	0	3
All Habits	0	0	0	0	1	0	0	1	0	2
All Total	26	9	10	30	61	82	79	494	1	792
ASTHMA										
MALE										
Habit not Known	53	22	41	89	280	970	1094	6416	14	8979
Only Smoking	0	0	3	3	29	132	109	390	0	666
Only Chewing Tobacco	0	0	0	0	2	9	7	58	0	76
Smoking and Chewing Tobacco	0	0	0	0	3	5	4	42	0	54
Only Chewing Arecanut	0	0	1	0	0	0	1	3	0	5
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	1	0	0	2	0	7	0	10

Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	2	0	3	0	6
Only Drinking Alcohol	0	0	1	3	12	20	23	59	0	118
Smoking and Drinking Alcohol	0	0	2	7	35	69	69	156	0	338
Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	5	2	22	0	31
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	4	7	11	24	0	46
Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	1	3	0	4
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	2	1	1	0	4
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	1	0	4	0	6
All Habits	0	0	0	2	3	5	0	8	0	18
Male Total	53	22	49	105	371	1229	1322	7197	14	10362
FEMALE										
Habit not Known	28	25	37	87	231	732	749	8971	11	10871
Only Smoking	0	0	0	0	1	1	1	5	0	8
Only Chewing Tobacco	0	0	0	1	1	6	5	93	0	106
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Chewing Arecanut	0	0	0	0	0	0	1	11	0	12
Chewing Tobacco and Arecanut	0	0	0	1	0	0	1	7	0	9
Female Total	28	25	37	89	233	739	757	9089	11	11008
ALL										
Habit not Known	81	47	78	176	511	1702	1843	15387	25	19850
Only Smoking	0	0	3	3	30	133	110	395	0	674
Only Chewing Tobacco	0	0	0	1	3	15	12	151	0	182
Smoking and Chewing Tobacco	0	0	0	0	3	5	4	44	0	56
Only Chewing Arecanut	0	0	1	0	0	0	2	14	0	17

Smoking and Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	1	1	0	2	1	14	0	19
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	2	0	3	0	6
Only Drinking Alcohol	0	0	1	3	12	20	23	59	0	118
Smoking and Drinking Alcohol	0	0	2	7	35	69	69	156	0	338
Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	5	2	22	0	31
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	4	7	11	24	0	46
Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	1	3	0	4
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	2	1	1	0	4
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	1	0	4	0	6
All Habits	0	0	0	2	3	5	0	8	0	18
All Total	81	47	86	194	604	1968	2079	16286	25	21370

JAUNDIS

MALE

Habit not Known	2	1	11	15	29	24	16	30	0	128
Only Smoking	0	0	0	2	5	0	0	3	0	10
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Arecanut	0	0	0	1	0	1	0	0	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	3	4	0	3	1	0	0	11
Smoking and Drinking Alcohol	0	0	1	3	5	4	2	0	0	15
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	1	0	0	1	0	0	0	2
Male Total	2	1	16	25	39	34	20	35	0	172

FEMALE										
Habit not Known	0	1	4	4	8	12	17	32	0	78
Female Total	0	1	4	4	8	12	17	32	0	78
ALL										
Habit not Known	2	2	15	19	37	36	33	62	0	206
Only Smoking	0	0	0	2	5	0	0	3	0	10
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Arecanut	0	0	0	1	0	1	0	0	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	3	4	0	3	1	0	0	11
Smoking and Drinking Alcohol	0	0	1	3	5	4	2	0	0	15
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	1	0	0	1	0	0	0	2
All Total	2	2	20	29	47	46	37	67	0	250
LIVER DISEASE										
MALE										
Habit not Known	2	3	10	43	173	262	168	348	0	1009
Only Smoking	0	0	0	2	12	18	10	23	0	65
Only Chewing Tobacco	0	0	0	0	0	1	2	8	0	11
Smoking and Chewing Tobacco	0	0	0	0	1	1	1	0	0	3
Only Chewing Arecanut	0	0	0	0	1	0	0	1	0	2
Smoking and Chewing Arecanut	0	0	0	0	1	0	0	0	0	1
Only Drinking Alcohol	0	0	2	12	43	37	19	16	0	129

Smoking and Drinking Alcohol	0	0	2	12	33	52	19	21	0	139
Chewing Tobacco and Drinking Alcohol	0	0	0	2	0	1	1	2	0	6
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	6	4	2	5	0	18
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	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	0	0	1	0	0	0	1
All Habits	0	0	0	3	0	1	0	0	0	4
Male Total	2	3	14	75	271	379	222	424	0	1390
FEMALE										
Habit not Known	2	3	8	11	38	121	114	351	1	649
Only Smoking	0	0	0	0	0	1	0	0	0	1
Only Chewing Tobacco	0	0	0	0	0	0	1	7	0	8
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Female Total	2	3	8	11	38	122	116	358	1	659
ALL										
Habit not Known	4	6	18	54	211	383	282	699	1	1658
Only Smoking	0	0	0	2	12	19	10	23	0	66
Only Chewing Tobacco	0	0	0	0	0	1	3	15	0	19
Smoking and Chewing Tobacco	0	0	0	0	1	1	1	0	0	3
Only Chewing Arecanut	0	0	0	0	1	0	0	1	0	2
Smoking and Chewing Arecanut	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	2	12	43	37	19	16	0	129

Smoking and Drinking Alcohol	0	0	2	12	33	52	19	21	0	139
Chewing Tobacco and Drinking Alcohol	0	0	0	2	0	1	1	2	0	6
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	6	4	2	5	0	18
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	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	0	0	1	0	0	0	1
All Habits	0	0	0	3	0	1	0	0	0	4
All Total	4	6	22	86	309	501	338	782	1	2049
ULCER										
MALE										
Habit not Known	2	0	0	3	15	13	9	45	0	87
Only Smoking	0	0	0	0	2	1	1	1	0	5
Only Chewing Tobacco	0	0	0	0	1	0	1	2	0	4
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking and Drinking Alcohol	0	0	0	2	1	4	2	1	0	10
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
All Habits	0	0	0	0	1	0	0	0	0	1
Male Total	2	0	0	5	20	18	14	51	0	110
FEMALE										
Habit not Known	0	0	1	2	6	13	8	50	0	80
Female Total	0	0	1	2	6	13	8	50	0	80
ALL										
Habit not Known	2	0	1	5	21	26	17	95	0	167
Only Smoking	0	0	0	0	2	1	1	1	0	5

Only Chewing Tobacco	0	0	0	0	1	0	1	2	0	4
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Smoking and Drinking Alcohol	0	0	0	2	1	4	2	1	0	10
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
All Habits	0	0	0	0	1	0	0	0	0	1
All Total	2	0	1	7	26	31	22	101	0	190
PARALYSIS										
MALE										
Habit not Known	2	8	18	36	108	304	296	1154	2	1928
Only Smoking	0	0	0	1	7	21	30	53	0	112
Only Chewing Tobacco	0	0	0	0	0	2	3	13	0	18
Smoking and Chewing Tobacco	0	0	0	0	0	3	2	3	0	8
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	2	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	0	2	1	4	8	0	15
Smoking and Drinking Alcohol	0	0	0	2	4	13	10	16	0	45
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	2	2	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	0	3	4	0	9
All Habits	0	0	0	0	2	1	0	3	0	6
Male Total	2	8	18	40	124	347	350	1258	2	2149
FEMALE										
Habit not Known	5	6	5	16	69	271	255	1727	3	2357
Only Smoking	0	0	0	0	0	0	1	2	0	3

Only Chewing Tobacco	0	0	0	0	0	1	7	14	0	22
Smoking and Chewing Tobacco	0	0	0	0	0	0	1	0	0	1
Only Chewing Arecanut	0	0	0	0	0	1	0	2	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	2	0	2
Female Total	5	6	5	16	69	273	264	1747	3	2388
ALL										
Habit not Known	7	14	23	52	177	575	551	2881	5	4285
Only Smoking	0	0	0	1	7	21	31	55	0	115
Only Chewing Tobacco	0	0	0	0	0	3	10	27	0	40
Smoking and Chewing Tobacco	0	0	0	0	0	3	3	3	0	9
Only Chewing Arecanut	0	0	0	0	0	1	0	2	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	4	0	4
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	0	2	1	4	8	0	15
Smoking and Drinking Alcohol	0	0	0	2	4	13	10	16	0	45
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	2	2	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	0	3	4	0	9
All Habits	0	0	0	0	2	1	0	3	0	6
All Total	7	14	23	56	193	620	614	3005	5	4537
ACCIDENT(TRAFFIC/VEHICLES)										
MALE										
Habit not Known	30	325	264	179	199	177	72	122	4	1372
Only Smoking	0	1	2	2	9	9	4	2	0	29
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1

Only Chewing Arecanut	0	1	0	0	0	0	0	0	0	1
Only Drinking Alcohol	0	5	10	16	10	7	3	1	0	52
Smoking and Drinking Alcohol	0	3	4	8	12	5	2	1	0	35
Chewing Tobacco and Drinking Alcohol	0	0	1	0	0	0	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	1	0	1	1	0	0	4
Chewing Arecanut 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
All Habits	0	0	1	1	0	1	0	0	0	3
Male Total	30	335	283	207	231	200	83	127	4	1500
FEMALE										
Habit not Known	15	15	27	29	52	44	25	49	1	257
Only Chewing Arecanut	0	0	0	0	1	0	0	0	0	1
Female Total	15	15	27	29	53	44	25	49	1	258
SEX NOT REPORTED										
Habit not Known	0	0	0	0	0	0	0	0	1	1
SEX NOT REPORTED TOTAL	0	0	0	0	0	0	0	0	1	1
ALL										
Habit not Known	45	340	291	208	251	221	97	171	6	1630
Only Smoking	0	1	2	2	9	9	4	2	0	29
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Arecanut	0	1	0	0	1	0	0	0	0	2
Only Drinking Alcohol	0	5	10	16	10	7	3	1	0	52
Smoking and Drinking Alcohol	0	3	4	8	12	5	2	1	0	35
Chewing Tobacco and Drinking Alcohol	0	0	1	0	0	0	0	0	0	1

Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	1	0	1	1	0	0	4
Chewing Arecanut 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
All Habits	0	0	1	1	0	1	0	0	0	3
All Total	45	350	310	236	284	244	108	176	6	1759
SUICIDE										
MALE										
Habit not Known	28	259	360	401	423	447	153	274	2	2347
Only Smoking	0	8	10	15	24	29	12	8	0	106
Only Chewing Tobacco	0	0	0	4	2	1	2	5	0	14
Smoking and Chewing Tobacco	0	0	1	1	1	1	0	3	0	7
Only Chewing Arecanut	0	2	1	3	0	0	0	0	0	6
Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	1	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	11	86	119	122	102	27	11	0	478
Smoking and Drinking Alcohol	0	7	41	87	121	103	33	19	0	411
Chewing Tobacco and Drinking Alcohol	0	3	6	7	9	3	0	1	0	29
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	7	8	8	4	4	5	0	36
Chewing Arecanut and Drinking Alcohol	0	2	2	3	9	0	2	1	0	19
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	2	2	0	0	0	0	0	4
Drinking, Chewing Tobacco and Arecanut	0	0	6	5	4	0	0	1	0	16
All Habits	0	0	11	8	5	6	0	1	0	31
Male Total	28	292	534	664	728	696	233	330	2	3507

FEMALE										
Habit not Known	14	219	131	97	114	105	56	129	0	865
Only Smoking	0	0	0	0	0	1	0	0	0	1
Only Chewing Tobacco	0	0	0	0	0	2	2	3	0	7
Only Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Female Total	14	219	131	97	117	108	58	132	0	876
ALL										
Habit not Known	42	478	491	498	537	552	209	403	2	3212
Only Smoking	0	8	10	15	24	30	12	8	0	107
Only Chewing Tobacco	0	0	0	4	2	3	4	8	0	21
Smoking and Chewing Tobacco	0	0	1	1	1	1	0	3	0	7
Only Chewing Arecanut	0	2	1	3	0	0	0	0	0	6
Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	1	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	11	86	119	123	102	27	11	0	479
Smoking and Drinking Alcohol	0	7	41	87	121	103	33	19	0	411
Chewing Tobacco and Drinking Alcohol	0	3	6	7	10	3	0	1	0	30
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	7	8	8	4	4	5	0	36
Chewing Arecanut and Drinking Alcohol	0	2	2	3	10	0	2	1	0	20
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	2	2	0	0	0	0	0	4
Drinking, Chewing Tobacco and Arecanut	0	0	6	5	4	0	0	1	0	16

All Habits	0	0	11	8	5	6	0	1	0	31
All Total	42	511	665	761	845	804	291	462	2	4383
BLOOD PRESSURE										
MALE										
Habit not Known	2	2	8	21	61	147	126	486	2	855
Only Smoking	0	0	0	2	6	15	12	23	0	58
Only Chewing Tobacco	0	0	0	1	0	2	2	7	0	12
Smoking and Chewing Tobacco	0	0	0	0	0	1	1	0	0	2
Only Chewing Arecanut	0	0	1	0	0	0	0	0	0	1
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	2	6	4	3	4	0	19
Smoking and Drinking Alcohol	0	0	0	5	5	9	7	5	0	31
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	2	0	0	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	1	4	0	6
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	2	0	0	0	2
All Habits	0	0	0	1	1	1	0	1	0	4
Male Total	2	2	9	33	79	184	152	531	2	994
FEMALE										
Habit not Known	1	3	4	17	45	151	163	936	2	1322
Only Chewing Tobacco	0	0	0	1	0	2	4	24	0	31
Only Chewing Arecanut	0	0	0	0	0	0	2	4	0	6
Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	2	0	3
Female Total	1	3	4	18	45	154	169	966	2	1362

ALL										
Habit not Known	3	5	12	38	106	298	289	1422	4	2177
Only Smoking	0	0	0	2	6	15	12	23	0	58
Only Chewing Tobacco	0	0	0	2	0	4	6	31	0	43
Smoking and Chewing Tobacco	0	0	0	0	0	1	1	0	0	2
Only Chewing Arecanut	0	0	1	0	0	0	2	4	0	7
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	2	0	3
Only Drinking Alcohol	0	0	0	2	6	4	3	4	0	19
Smoking and Drinking Alcohol	0	0	0	5	5	9	7	5	0	31
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	2	0	0	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	1	4	0	6
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	2	0	0	0	2
All Habits	0	0	0	1	1	1	0	1	0	4
All Total	3	5	13	51	124	338	321	1497	4	2356

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	1	2	8	18	31	13	19	0	92
Only Smoking	0	0	0	0	1	5	3	4	1	14
Only Chewing Tobacco	0	0	0	0	1	0	0	1	0	2
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Smoking and Drinking Alcohol	0	0	1	2	4	5	2	4	0	18
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	2	0	0	1	0	4
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
All Habits	0	0	0	0	0	0	1	0	0	1
Male Total	0	1	3	11	27	41	20	31	1	135
FEMALE										
Habit not Known	0	4	1	5	9	6	2	7	0	34
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Female Total	0	4	1	5	9	6	2	8	0	35

ALL										
Habit not Known	0	5	3	13	27	37	15	26	0	126
Only Smoking	0	0	0	0	1	5	3	4	1	14
Only Chewing Tobacco	0	0	0	0	1	0	0	2	0	3
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Smoking and Drinking Alcohol	0	0	1	2	4	5	2	4	0	18
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	2	0	0	1	0	4
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
All Habits	0	0	0	0	0	0	1	0	0	1
All Total	0	5	4	16	36	47	22	39	1	170
CANCER										
MALE										
Habit not Known	45	57	57	133	349	723	532	1004	3	2903
Only Smoking	0	0	0	3	45	107	86	141	0	382
Only Chewing Tobacco	0	0	0	1	0	3	2	11	0	17
Smoking and Chewing Tobacco	0	0	0	0	3	4	7	7	0	21
Only Chewing Arecanut	0	0	0	0	1	0	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	1	0	1	0	0	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	1	2	1	0	5
Only Drinking Alcohol	0	0	0	5	8	21	9	11	0	54
Smoking and Drinking Alcohol	0	0	0	8	53	146	65	65	1	338
Chewing Tobacco and Drinking Alcohol	0	0	1	0	3	2	2	4	0	12
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	9	13	8	15	0	45
Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	1	2	2	0	5
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	1	2	1	2	1	0	7
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	2	1	1	0	0	5
All Habits	0	0	0	1	1	3	5	5	0	15
Male Total	45	57	59	153	477	1028	723	1267	4	3813
FEMALE										
Habit not Known	39	29	66	224	484	691	336	818	0	2687
Only Smoking	0	0	0	0	0	0	1	4	0	5
Only Chewing Tobacco	0	0	0	0	1	3	5	15	0	24
Smoking and Chewing Tobacco	0	0	0	0	0	1	0	0	0	1
Only Chewing Arecanut	0	0	0	0	0	1	1	0	0	2
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
All Habits	0	0	0	0	0	0	1	0	0	1

Female Total	39	29	66	224	485	696	345	837	0	2721
ALL										
Habit not Known	84	86	123	357	833	1414	868	1822	3	5590
Only Smoking	0	0	0	3	45	107	87	145	0	387
Only Chewing Tobacco	0	0	0	1	1	6	7	26	0	41
Smoking and Chewing Tobacco	0	0	0	0	3	5	7	7	0	22
Only Chewing Arecanut	0	0	0	0	1	1	1	0	0	3
Smoking and Chewing Arecanut	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	1	0	1	1	0	0	3
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	1	2	1	0	5
Only Drinking Alcohol	0	0	0	5	8	21	9	11	0	54
Smoking and Drinking Alcohol	0	0	0	8	53	146	65	65	1	338
Chewing Tobacco and Drinking Alcohol	0	0	1	0	3	2	2	4	0	12
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	9	13	8	15	0	45
Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	1	2	2	0	5
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	1	2	1	2	1	0	7
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	2	1	1	0	0	5
All Habits	0	0	0	1	1	3	6	5	0	16
All Total	84	86	125	377	962	1724	1068	2104	4	6534

DIABETES										
MALE										
Habit not Known	1	0	2	13	59	119	87	213	0	494
Only Smoking	0	0	0	2	2	4	5	10	1	24
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	1	3	1	2	0	7
Smoking and Drinking Alcohol	0	0	0	0	7	8	2	5	0	22
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	0	0	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	0	0	0	0	1
All Habits	0	0	0	0	1	1	1	1	0	4
Male Total	1	0	2	15	71	137	96	232	1	555
FEMALE										
Habit not Known	0	0	2	13	48	116	83	253	0	515
Only Chewing Tobacco	0	0	0	0	0	1	0	1	0	2
Female Total	0	0	2	13	48	117	83	254	0	517
ALL										
Habit not Known	1	0	4	26	107	235	170	466	0	1009
Only Smoking	0	0	0	2	2	4	5	10	1	24
Only Chewing Tobacco	0	0	0	0	0	1	0	2	0	3

Only Drinking Alcohol	0	0	0	0	1	3	1	2	0	7
Smoking and Drinking Alcohol	0	0	0	0	7	8	2	5	0	22
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	0	0	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	0	0	0	0	1
All Habits	0	0	0	0	1	1	1	1	0	4
All Total	1	0	4	28	119	254	179	486	1	1072

HEART ATTACK/HEART DISEASES

MALE

Habit not Known	143	95	154	517	1497	3244	2203	7136	13	15002
Only Smoking	0	1	3	16	92	232	144	356	1	845
Only Chewing Tobacco	0	0	0	1	6	13	12	40	0	72
Smoking and Chewing Tobacco	0	0	0	1	4	11	7	21	0	44
Only Chewing Arecanut	0	0	0	1	2	0	0	4	0	7
Smoking and Chewing Arecanut	0	0	0	0	0	1	0	2	0	3
Chewing Tobacco and Arecanut	0	0	0	0	1	1	0	1	0	3
Smoking, Chewing Tobacco and Arecanut	0	0	1	0	0	1	0	1	0	3
Only Drinking Alcohol	0	3	3	27	47	79	31	51	0	241
Smoking and Drinking Alcohol	0	1	9	28	110	198	106	137	0	589
Chewing Tobacco and Drinking Alcohol	0	0	0	3	4	10	5	19	0	41

Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	4	11	21	11	21	0	69
Chewing Arecanut and Drinking Alcohol	0	0	1	1	4	2	1	0	0	9
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	1	3	1	0	5
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	3	0	2	4	0	10
All Habits	0	0	3	3	7	5	3	11	0	32
Male Total	143	100	175	603	1788	3819	2528	7805	14	16975
FEMALE										
Habit not Known	110	39	96	254	778	1704	1385	6977	5	11348
Only Smoking	0	0	0	0	0	0	1	7	0	8
Only Chewing Tobacco	0	0	0	0	1	4	12	70	0	87
Smoking and Chewing Tobacco	0	0	0	0	0	1	2	0	0	3
Only Chewing Arecanut	0	0	0	0	0	1	1	9	0	11
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	0	0	1	2	2	2	0	7
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Female Total	110	39	96	254	780	1712	1403	7068	5	11467
SEX NOT REPORTED										
Habit not Known	1	0	1	0	0	0	0	0	0	2
SEX NOT REPORTED Total	1	0	1	0	0	0	0	0	0	2

ALL										
Habit not Known	254	134	251	771	2275	4948	3588	14113	18	26352
Only Smoking	0	1	3	16	92	232	145	363	1	853
Only Chewing Tobacco	0	0	0	1	7	17	24	110	0	159
Smoking and Chewing Tobacco	0	0	0	1	4	12	9	21	0	47
Only Chewing Arecanut	0	0	0	1	2	1	1	13	0	18
Smoking and Chewing Arecanut	0	0	0	0	0	1	0	3	0	4
Chewing Tobacco and Arecanut	0	0	0	0	2	3	2	3	0	10
Smoking, Chewing Tobacco and Arecanut	0	0	1	0	0	1	0	2	0	4
Only Drinking Alcohol	0	3	3	27	47	79	31	52	0	242
Smoking and Drinking Alcohol	0	1	9	28	110	198	106	137	0	589
Chewing Tobacco and Drinking Alcohol	0	0	0	3	4	10	5	19	0	41
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	4	11	21	11	21	0	69
Chewing Arecanut and Drinking Alcohol	0	0	1	1	4	2	1	0	0	9
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	1	3	1	0	5
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	3	0	2	4	0	10
All Habits	0	0	3	3	7	5	3	11	0	32
All Total	254	139	272	857	2568	5531	3931	14873	19	28444

PNEUMONIA**MALE**

Habit not Known	7	16	12	38	96	150	101	552	0	972
Only Smoking	0	0	0	2	8	14	4	22	0	50
Only Chewing Tobacco	0	0	0	0	0	1	3	2	0	6
Smoking and Chewing Tobacco	0	0	0	0	0	1	0	1	0	2
Only Chewing Arecanut	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	2	8	4	4	6	0	24
Smoking and Drinking Alcohol	0	0	0	1	9	19	10	14	0	53
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	3	2	2	2	0	9
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	1	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	1	0	0	0	2
All Habits	0	0	0	0	0	0	0	5	0	5
Male Total	7	16	12	43	126	194	124	607	0	1129
FEMALE										
Habit not Known	14	6	9	21	44	131	96	522	0	843
Only Chewing Tobacco	0	0	0	0	0	0	0	4	0	4

Smoking and Chewing Tobacco	0	0	0	1	0	0	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Smoking and Drinking Alcohol	0	0	0	0	0	0	1	1	0	2
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Female Total	14	6	9	22	45	131	98	527	0	852
ALL										
Habit not Known	21	22	21	59	140	281	197	1074	0	1815
Only Smoking	0	0	0	2	8	14	4	22	0	50
Only Chewing Tobacco	0	0	0	0	0	1	3	6	0	10
Smoking and Chewing Tobacco	0	0	0	1	0	1	0	1	0	3
Only Chewing Arecanut	0	0	0	0	0	1	0	1	0	2
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	2	8	4	4	6	0	24
Smoking and Drinking Alcohol	0	0	0	1	9	19	11	15	0	55
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	3	2	2	2	0	9
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	1	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	1	0	0	0	2

All Habits	0	0	0	0	0	0	0	5	0	5
All Total	21	22	21	65	171	325	222	1134	0	1981
ASTHMA										
MALE										
Habit not Known	23	23	25	58	145	493	437	1911	8	3123
Only Smoking	0	0	0	5	17	73	61	148	0	304
Only Chewing Tobacco	0	0	0	0	1	4	4	14	0	23
Smoking and Chewing Tobacco	0	0	0	1	0	6	3	13	0	23
Only Chewing Arecanut	0	0	0	1	1	0	0	1	0	3
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	2	0	0	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	1	5	13	6	12	0	37
Smoking and Drinking Alcohol	0	0	1	3	25	53	40	57	0	179
Chewing Tobacco and Drinking Alcohol	0	0	0	2	1	2	1	0	0	6
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	4	4	10	0	19
Chewing Arecanut and Drinking Alcohol	0	0	1	0	0	0	0	1	0	2
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	1	2	0	0	0	4

All Habits	0	0	1	0	4	6	2	3	0	16
Male Total	23	23	28	72	201	659	558	2172	8	3744
FEMALE										
Habit not Known	18	11	17	32	116	342	323	2330	11	3200
Only Smoking	0	0	0	0	0	0	2	3	0	5
Only Chewing Tobacco	0	0	0	0	3	1	4	26	0	34
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Chewing Arecanut	0	0	0	0	0	0	1	4	0	5
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	2	0	2
Only Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	1	0	0	2
Female Total	18	11	17	32	120	344	331	2367	11	3251
ALL										
Habit not Known	41	34	42	90	261	835	760	4241	19	6323
Only Smoking	0	0	0	5	17	73	63	151	0	309
Only Chewing Tobacco	0	0	0	0	4	5	8	40	0	57
Smoking and Chewing Tobacco	0	0	0	1	0	6	3	15	0	25
Only Chewing Arecanut	0	0	0	1	1	0	1	5	0	8
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	1	0	1

Chewing Tobacco and Arecanut	0	0	0	0	0	2	0	2	0	4
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	1	6	13	6	12	0	38
Smoking and Drinking Alcohol	0	0	1	3	25	53	40	57	0	179
Chewing Tobacco and Drinking Alcohol	0	0	0	2	1	3	2	0	0	8
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	4	4	10	0	19
Chewing Arecanut and Drinking Alcohol	0	0	1	0	0	0	0	1	0	2
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	1	2	0	0	0	4
All Habits	0	0	1	0	4	6	2	3	0	16
All Total	41	34	45	104	321	1003	889	4539	19	6995

JAUNDIS

MALE

Habit not Known	2	1	2	5	15	20	22	84	0	151
Only Smoking	0	0	0	0	1	2	0	0	0	3
Only Drinking Alcohol	0	0	0	0	2	1	0	1	0	4
Smoking and Drinking Alcohol	0	0	0	1	2	2	0	0	0	5
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1

All Habits	0	0	0	1	1	0	0	0	0	2
Male Total	2	1	2	8	21	25	22	86	0	167
FEMALE										
Habit not Known	0	1	4	5	9	22	14	73	0	128
Only Smoking	0	0	0	0	0	2	1	3	0	6
Smoking and Drinking Alcohol	0	0	0	0	0	1	1	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	0	0	0	1	0	0	0	1
Female Total	0	1	4	5	9	27	16	76	0	138
ALL										
Habit not Known	2	2	6	10	24	42	36	157	0	279
Only Smoking	0	0	0	0	1	4	1	3	0	9
Only Drinking Alcohol	0	0	0	0	2	1	0	1	0	4
Smoking and Drinking Alcohol	0	0	0	1	2	3	1	0	0	7
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
All Habits	0	0	0	1	1	1	0	0	0	3
All Total	2	2	6	13	30	52	38	162	0	305

LIVER DISEASE**MALE**

Habit not Known	3	6	16	65	192	326	165	367	0	1140
Only Smoking	0	0	2	3	11	19	23	30	0	88
Only Chewing Tobacco	0	0	0	0	1	1	2	2	0	6
Smoking and Chewing Tobacco	0	0	0	1	0	1	0	1	0	3
Only Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	8	26	38	25	12	17	0	126
Smoking and Drinking Alcohol	0	0	2	7	43	63	22	19	0	156
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	3	1	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	2	1	2	3	1	10
Chewing Arecanut and Drinking Alcohol	0	0	0	1	1	2	0	1	0	5
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	1	0	0	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	2	0	0	1	3
All Habits	0	0	0	1	1	1	2	1	0	6
Male Total	3	6	29	104	291	442	231	443	2	1551

FEMALE

Habit not Known	0	3	5	15	58	120	102	327	0	630
Only Chewing Tobacco	0	0	0	1	0	1	2	2	0	6

Smoking and Chewing Tobacco	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	0	2	0	0	0	0	2
Female Total	0	3	5	16	60	122	104	330	0	640
ALL										
Habit not Known	3	9	21	80	250	446	267	694	0	1770
Only Smoking	0	0	2	3	11	19	23	30	0	88
Only Chewing Tobacco	0	0	0	1	1	2	4	4	0	12
Smoking and Chewing Tobacco	0	0	0	1	0	2	0	1	0	4
Only Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	8	26	38	25	12	18	0	127
Smoking and Drinking Alcohol	0	0	2	7	43	63	22	19	0	156
Chewing Tobacco and Drinking Alcohol	0	0	0	0	3	0	3	1	0	7
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	2	1	2	3	1	10
Chewing Arecanut and Drinking Alcohol	0	0	0	1	1	2	0	1	0	5
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	1	0	0	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	2	0	0	1	3
All Habits	0	0	0	1	1	1	2	1	0	6
All Total	3	9	34	120	351	564	335	773	2	2191

ULCER										
MALE										
Habit not Known	1	1	1	0	5	6	9	10	0	33
Only Smoking	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	0	1	1	0	1	0	0	3
Smoking and Drinking Alcohol	0	0	0	0	1	2	0	0	0	3
Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
All Habits	0	0	0	0	1	0	0	0	0	1
Male Total	1	1	1	1	8	8	11	11	0	42
FEMALE										
Habit not Known	0	0	1	1	3	6	6	16	0	33
Only Smoking	0	0	0	0	0	0	0	1	0	1
Female Total	0	0	1	1	3	6	6	17	0	34
ALL										
Habit not Known	1	1	2	1	8	12	15	26	0	66
Only Smoking	0	0	0	0	0	0	1	1	0	2
Only Drinking Alcohol	0	0	0	1	1	0	1	0	0	3
Smoking and Drinking Alcohol	0	0	0	0	1	2	0	0	0	3
Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
All Habits	0	0	0	0	1	0	0	0	0	1
All Total	1	1	2	2	11	14	17	28	0	76

PARALYSIS**MALE**

Habit not Known	3	1	3	15	53	127	110	323	2	637
Only Smoking	0	0	0	0	3	16	10	14	0	43
Only Chewing Tobacco	0	0	0	1	0	1	1	2	0	5
Smoking and Chewing Tobacco	0	0	0	0	0	0	1	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	1	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	1	4	3	0	7	0	15
Smoking and Drinking Alcohol	0	0	0	2	3	6	5	7	0	23
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	4	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	1	0	0	2	0	4
Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Male Total	3	1	4	20	65	155	127	361	2	738

FEMALE

Habit not Known	2	0	4	10	35	116	83	449	1	700
Only Chewing Tobacco	0	0	0	0	0	2	0	7	0	9
Only Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Smoking and Drinking Alcohol	0	0	0	0	0	1	1	1	0	3
Female Total	2	0	4	10	36	119	84	457	1	713

ALL										
Habit not Known	5	1	7	25	88	243	193	772	3	1337
Only Smoking	0	0	0	0	3	16	10	14	0	43
Only Chewing Tobacco	0	0	0	1	0	3	1	9	0	14
Smoking and Chewing Tobacco	0	0	0	0	0	0	1	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	1	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	1	5	3	0	7	0	16
Smoking and Drinking Alcohol	0	0	0	2	3	7	6	8	0	26
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	4	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	1	0	0	2	0	4
Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
All Total	5	1	8	30	101	274	211	818	3	1451
ACCIDENT(TRAFFIC/VEHICLES)										
MALE										
Habit not Known	21	186	146	147	137	111	48	95	3	894
Only Smoking	0	1	1	4	3	7	0	5	0	21
Only Chewing Tobacco	0	0	0	0	0	1	0	0	0	1
Only Chewing Arecanut	0	0	1	0	0	0	0	0	0	1

Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	1	3	4	5	1	1	1	0	16
Smoking and Drinking Alcohol	0	2	1	1	2	5	0	0	0	11
Chewing Tobacco and Drinking Alcohol	0	0	1	0	0	0	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
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
Male Total	21	190	153	157	149	126	49	101	3	949
FEMALE										
Habit not Known	9	12	16	27	30	24	17	34	0	169
Only Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Female Total	9	12	16	27	30	24	17	36	0	171
ALL										
Habit not Known	30	198	162	174	167	135	65	129	3	1063
Only Smoking	0	1	1	4	3	7	0	5	0	21
Only Chewing Tobacco	0	0	0	0	0	1	0	2	0	3
Only Chewing Arecanut	0	0	1	0	0	0	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	1	3	4	5	1	1	1	0	16

Smoking and Drinking Alcohol	0	2	1	1	2	5	0	0	0	11
Chewing Tobacco and Drinking Alcohol	0	0	1	0	0	0	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
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 Total	30	202	169	184	179	150	66	137	3	1120
SUICIDE										
MALE										
Habit not Known	5	66	95	132	144	110	49	63	2	666
Only Smoking	0	1	3	6	4	5	1	5	0	25
Only Chewing Tobacco	0	0	1	0	0	1	0	0	0	2
Only Chewing Arecanut	0	1	0	1	0	0	0	0	0	2
Only Drinking Alcohol	0	1	8	26	16	10	3	2	0	66
Smoking and Drinking Alcohol	0	0	8	15	26	13	1	1	0	64
Chewing Tobacco and Drinking Alcohol	0	0	0	0	3	2	0	0	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	3	0	0	0	5
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	3	1	1	0	0	0	5
All Habits	0	0	0	1	0	0	1	0	0	2
Male Total	5	69	115	185	196	145	55	71	2	843

FEMALE										
Habit not Known	6	54	47	22	26	20	14	24	0	213
Female Total	6	54	47	22	26	20	14	24	0	213
ALL										
Habit not Known	11	120	142	154	170	130	63	87	2	879
Only Smoking	0	1	3	6	4	5	1	5	0	25
Only Chewing Tobacco	0	0	1	0	0	1	0	0	0	2
Only Chewing Arecanut	0	1	0	1	0	0	0	0	0	2
Only Drinking Alcohol	0	1	8	26	16	10	3	2	0	66
Smoking and Drinking Alcohol	0	0	8	15	26	13	1	1	0	64
Chewing Tobacco and Drinking Alcohol	0	0	0	0	3	2	0	0	0	5
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	1	3	0	0	0	5
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	3	1	1	0	0	0	5
All Habits	0	0	0	1	0	0	1	0	0	2
All Total	11	123	162	207	222	165	69	95	2	1056
BLOOD PRESSURE										
MALE										
Habit not Known	4	3	1	10	34	81	67	224	0	424
Only Smoking	0	0	0	0	2	4	2	9	0	17

Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Smoking and Chewing Tobacco	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	0	0	2	3	1	0	0	6
Smoking and Drinking Alcohol	0	0	0	1	4	3	8	4	0	20
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	2	0	0	3
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	0	0	1
All Habits	0	0	1	0	1	1	0	0	0	3
Male Total	4	3	3	11	43	93	82	238	0	477
FEMALE										
Habit not Known	1	3	1	11	16	65	53	266	0	416
Only Smoking	0	0	0	0	0	1	0	0	0	1
Only Chewing Tobacco	0	0	0	0	0	1	0	7	0	8
Female Total	1	3	1	11	16	67	53	273	0	425
ALL										
Habit not Known	5	6	2	21	50	146	120	490	0	840
Only Smoking	0	0	0	0	2	5	2	9	0	18
Only Chewing Tobacco	0	0	0	0	0	1	0	8	0	9
Smoking and Chewing Tobacco	0	0	0	0	0	0	1	0	0	1

Only Drinking Alcohol	0	0	0	0	2	3	1	0	0	6
Smoking and Drinking Alcohol	0	0	0	1	4	3	8	4	0	20
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	2	0	0	3
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	0	0	1
All Habits	0	0	1	0	1	1	0	0	0	3
All Total	5	6	4	22	59	160	135	511	0	902

TABLE - D21

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

Selected Cause of Death/Sex/Habit	Age Group									Total
	Below 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Above	Not Stated	
TUBERCULOSIS										
MALE										
Habit not Known	0	3	7	27	41	74	31	61	0	244
Only Smoking	0	0	0	2	7	8	10	16	1	44
Only Chewing Tobacco	0	0	0	0	2	1	0	2	0	5
Smoking and Chewing Tobacco	0	0	0	0	1	1	1	2	0	5
Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	1	1	4	1	1	0	8
Smoking and Drinking Alcohol	0	0	1	8	13	19	8	9	0	58
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	3	1	0	3	0	8
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
All Habits	0	0	0	0	0	1	1	0	0	2
Male Total	0	3	8	40	70	110	52	95	1	379
FEMALE										
Habit not Known	0	5	3	12	17	19	11	25	0	92
Only Chewing Tobacco	0	0	0	0	1	0	0	3	0	4
Female Total	0	5	3	12	18	19	11	28	0	96

ALL										
Habit not Known	0	8	10	39	58	93	42	86	0	336
Only Smoking	0	0	0	2	7	8	10	16	1	44
Only Chewing Tobacco	0	0	0	0	3	1	0	5	0	9
Smoking and Chewing Tobacco	0	0	0	0	1	1	1	2	0	5
Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	1	1	4	1	1	0	8
Smoking and Drinking Alcohol	0	0	1	8	13	19	8	9	0	58
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	3	1	0	3	0	8
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
All Habits	0	0	0	0	0	1	1	0	0	2
All Total	0	8	11	52	88	129	63	123	1	475
WHOOPING COUGH										
MALE										
Habit not Known	0	0	0	0	0	0	0	1	0	1
Male Total	0	0	0	0	0	0	0	1	0	1
FEMALE										
Habit not Known	0	0	0	0	0	0	0	3	0	3
Female Total	0	0	0	0	0	0	0	3	0	3
ALL										
Habit not Known	0	0	0	0	0	0	0	4	0	4
All Total	0	0	0	0	0	0	0	4	0	4

CANCER										
MALE										
Habit not Known	75	98	112	318	949	2217	1660	3615	8	9052
Only Smoking	0	0	1	10	110	381	300	477	0	1279
Only Chewing Tobacco	0	0	0	2	10	17	15	51	0	95
Smoking and Chewing Tobacco	0	0	0	1	10	22	20	29	0	82
Only Chewing Arecanut	0	0	0	0	3	3	1	5	0	12
Smoking and Chewing Arecanut	0	0	0	0	0	2	1	1	0	4
Chewing Tobacco and Arecanut	0	0	0	3	3	5	1	5	0	17
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	2	4	4	0	11
Only Drinking Alcohol	0	0	0	11	37	72	25	55	0	200
Smoking and Drinking Alcohol	0	0	1	15	139	357	181	255	1	949
Chewing Tobacco and Drinking Alcohol	0	0	1	0	8	7	6	16	0	38
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	3	19	36	27	39	0	125
Chewing Arecanut and Drinking Alcohol	0	0	1	0	1	2	2	4	0	10
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	1	3	2	3	3	0	12
Drinking, Chewing Tobacco and Arecanut	0	0	1	1	5	3	3	0	0	13
All Habits	0	0	0	5	7	11	11	12	0	46
Male Total	75	98	118	370	1305	3139	2260	4571	9	11945
FEMALE										
Habit not Known	56	55	121	496	1263	2001	1117	2860	1	7970
Only Smoking	0	0	0	0	0	2	4	6	0	12
Only Chewing Tobacco	0	0	0	1	11	22	26	92	0	152
Smoking and Chewing Tobacco	0	0	0	0	0	1	0	1	0	2
Only Chewing Arecanut	0	0	0	0	3	1	4	4	0	12

Chewing Tobacco and Arecanut	0	0	0	1	0	4	2	9	0	16
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	1	0	0	2
All Habits	0	0	0	0	0	0	1	0	0	1
Female Total	56	55	121	498	1277	2032	1155	2972	1	8167
ALL										
Habit not Known	131	153	233	814	2212	4218	2777	6475	9	17022
Only Smoking	0	0	1	10	110	383	304	483	0	1291
Only Chewing Tobacco	0	0	0	3	21	39	41	143	0	247
Smoking and Chewing Tobacco	0	0	0	1	10	23	20	30	0	84
Only Chewing Arecanut	0	0	0	0	6	4	5	9	0	24
Smoking and Chewing Arecanut	0	0	0	0	0	2	1	1	0	4
Chewing Tobacco and Arecanut	0	0	0	4	3	9	3	14	0	33
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	2	4	4	0	11
Only Drinking Alcohol	0	0	0	11	37	72	25	55	0	200
Smoking and Drinking Alcohol	0	0	1	15	139	357	181	255	1	949
Chewing Tobacco and Drinking Alcohol	0	0	1	0	8	7	6	16	0	38
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	3	19	36	27	39	0	125
Chewing Arecanut and Drinking Alcohol	0	0	1	0	1	2	2	4	0	10
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	1	3	2	3	3	0	12
Drinking, Chewing Tobacco and Arecanut	0	0	1	1	5	4	4	0	0	15
All Habits	0	0	0	5	7	11	12	12	0	47
All Total	131	153	239	868	2582	5171	3415	7543	10	20112
DIABETES										
MALE										
Habit not Known	2	0	11	35	137	292	219	687	0	1383

Only Smoking	0	0	0	7	7	12	16	31	1	74
Only Chewing Tobacco	0	0	0	0	1	1	0	7	0	9
Smoking and Chewing Tobacco	0	0	0	1	0	2	1	2	0	6
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	0	0	0	0	1
Only Drinking Alcohol	0	0	0	1	3	10	2	6	0	22
Smoking and Drinking Alcohol	0	0	0	0	15	19	8	20	0	62
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	0	3	0	0	0	4
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	0	0	0	0	1
All Habits	0	0	0	0	1	1	1	1	0	4
Male Total	2	0	12	44	166	341	248	755	1	1569
FEMALE										
Habit not Known	2	0	4	25	121	333	267	988	2	1742
Only Chewing Tobacco	0	0	0	0	0	2	0	12	0	14
Only Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Female Total	2	0	4	25	121	335	267	1002	2	1758
ALL										
Habit not Known	4	0	15	60	258	625	486	1675	2	3125
Only Smoking	0	0	0	7	7	12	16	31	1	74
Only Chewing Tobacco	0	0	0	0	1	3	0	19	0	23
Smoking and Chewing Tobacco	0	0	0	1	0	2	1	2	0	6
Only Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	1	0	2

Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	0	0	0	0	1
Only Drinking Alcohol	0	0	0	1	3	10	2	6	0	22
Smoking and Drinking Alcohol	0	0	0	0	15	19	8	20	0	62
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	0	0	3	0	0	0	4
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	0	0	0	0	1
All Habits	0	0	0	0	1	1	1	1	0	4
All Total	4	0	16	69	287	676	515	1757	3	3327

HEART ATTACK/HEART DISEASES

MALE

Habit not Known	261	196	403	1221	3967	8265	5571	17164	36	37084
Only Smoking	0	1	8	60	327	762	451	876	4	2489
Only Chewing Tobacco	0	0	0	4	16	36	45	128	0	229
Smoking and Chewing Tobacco	0	0	0	3	21	36	21	62	0	143
Only Chewing Arecanut	0	0	0	1	4	8	3	13	0	29
Smoking and Chewing Arecanut	0	0	0	0	1	3	0	3	0	7
Chewing Tobacco and Arecanut	0	0	0	1	3	7	2	4	0	17
Smoking, Chewing Tobacco and Arecanut	0	0	1	0	1	3	2	3	0	10
Only Drinking Alcohol	0	3	12	69	134	201	97	144	2	662
Smoking and Drinking Alcohol	0	2	17	79	308	573	302	383	1	1665
Chewing Tobacco and Drinking Alcohol	0	0	0	9	17	29	12	54	0	121
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	2	15	36	53	30	66	0	202
Chewing Arecanut and Drinking Alcohol	0	0	2	4	10	5	1	0	0	22

Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	2	3	5	5	6	0	21
Drinking, Chewing Tobacco and Arecanut	0	0	0	5	6	4	4	5	0	24
All Habits	0	0	6	4	10	12	9	21	0	62
Male Total	261	202	451	1477	4864	10002	6555	18932	43	42787
FEMALE										
Habit not Known	210	91	209	590	1861	4235	3420	17556	17	28189
Only Smoking	0	0	0	0	1	3	2	15	0	21
Only Chewing Tobacco	0	0	0	1	4	24	28	182	0	239
Smoking and Chewing Tobacco	0	0	0	0	0	1	2	1	0	4
Only Chewing Arecanut	0	0	0	0	1	4	5	23	0	33
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Arecanut	0	0	0	0	2	2	6	15	0	25
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	1	0	0	0	1	0	2
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Female Total	210	91	209	592	1869	4270	3463	17796	17	28517
SEX NOT REPORTED										
Habit not Known	1	0	1	0	0	0	0	0	0	2
SEX NOT REPORTED TOTAL	1	0	1	0	0	0	0	0	0	2
ALL										
Habit not Known	472	287	613	1811	5828	12500	8991	34720	53	65275
Only Smoking	0	1	8	60	328	765	453	891	4	2510
Only Chewing Tobacco	0	0	0	5	20	60	73	310	0	468
Smoking and Chewing Tobacco	0	0	0	3	21	37	23	63	0	147

Only Chewing Arecanut	0	0	0	1	5	12	8	36	0	62
Smoking and Chewing Arecanut	0	0	0	0	1	3	0	4	0	8
Chewing Tobacco and Arecanut	0	0	0	1	5	9	8	19	0	42
Smoking, Chewing Tobacco and Arecanut	0	0	1	0	1	3	2	4	0	11
Only Drinking Alcohol	0	3	12	70	134	201	97	145	2	664
Smoking and Drinking Alcohol	0	2	17	79	308	573	302	383	1	1665
Chewing Tobacco and Drinking Alcohol	0	0	0	9	17	30	12	55	0	123
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	2	15	36	53	30	66	0	202
Chewing Arecanut and Drinking Alcohol	0	0	2	4	10	5	1	0	0	22
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	2	3	5	5	6	0	21
Drinking, Chewing Tobacco and Arecanut	0	0	0	5	6	4	4	5	0	24
All Habits	0	0	6	4	10	12	9	21	0	62
All Total	472	293	661	2069	6733	14272	10018	36728	60	71306
PNEUMONIA										
MALE										
Habit not Known	24	23	17	51	131	190	134	790	1	1361
Only Smoking	0	0	0	3	13	23	7	39	0	85
Only Chewing Tobacco	0	0	0	0	0	1	3	5	0	9
Smoking and Chewing Tobacco	0	0	0	0	0	1	0	2	0	3
Only Chewing Arecanut	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	1	0	2
Only Drinking Alcohol	0	0	0	3	9	5	5	10	0	32

Smoking and Drinking Alcohol	0	0	2	3	12	24	12	16	0	69
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	3	2	2	4	0	12
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	1	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	1	0	0	0	2
All Habits	0	0	0	0	1	0	0	6	0	7
Male Total	24	23	19	61	171	249	164	876	1	1588
FEMALE										
Habit not Known	23	8	12	33	60	157	135	744	0	1172
Only Chewing Tobacco	0	0	0	0	0	0	0	6	0	6
Smoking and Chewing Tobacco	0	0	0	1	0	0	0	0	0	1
Only Chewing Arecanut	0	0	0	0	0	1	0	1	0	2
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Smoking and Drinking Alcohol	0	0	0	0	0	0	1	1	0	2
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Female Total	23	8	12	34	61	158	137	752	0	1185
ALL										
Habit not Known	47	31	29	84	191	347	269	1534	1	2533
Only Smoking	0	0	0	3	13	23	7	39	0	85
Only Chewing Tobacco	0	0	0	0	0	1	3	11	0	15
Smoking and Chewing Tobacco	0	0	0	1	0	1	0	2	0	4
Only Chewing Arecanut	0	0	0	0	0	2	0	2	0	4
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1

Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	1	0	2
Only Drinking Alcohol	0	0	0	3	9	5	5	10	0	32
Smoking and Drinking Alcohol	0	0	2	3	12	24	13	17	0	71
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	1	0	1	0	3
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	1	3	2	2	4	0	12
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	1	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	1	0	0	0	2
All Habits	0	0	0	0	1	0	0	6	0	7
All Total	47	31	31	95	232	407	301	1628	1	2773
ASTHMA										
MALE										
Habit not Known	76	45	66	147	425	1463	1531	8327	22	12102
Only Smoking	0	0	3	8	46	205	170	538	0	970
Only Chewing Tobacco	0	0	0	0	3	13	11	72	0	99
Smoking and Chewing Tobacco	0	0	0	1	3	11	7	55	0	77
Only Chewing Arecanut	0	0	1	1	1	0	1	4	0	8
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	2	0	2
Chewing Tobacco and Arecanut	0	0	1	0	0	4	0	7	0	12
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	2	0	4	0	7
Only Drinking Alcohol	0	0	1	4	17	33	29	71	0	155
Smoking and Drinking Alcohol	0	0	3	10	60	122	109	213	0	517
Chewing Tobacco and Drinking Alcohol	0	0	0	3	2	7	3	22	0	37
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	5	11	15	34	0	65

Chewing Arecanut and Drinking Alcohol	0	0	1	0	0	0	1	4	0	6
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	3	1	1	0	5
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	2	3	0	4	0	10
All Habits	0	0	1	2	7	11	2	11	0	34
Male Total	76	45	77	177	572	1888	1880	9369	22	14106
FEMALE										
Habit not Known	46	36	54	119	347	1074	1072	11301	22	14071
Only Smoking	0	0	0	0	1	1	3	8	0	13
Only Chewing Tobacco	0	0	0	1	4	7	9	119	0	140
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	4	0	4
Only Chewing Arecanut	0	0	0	0	0	0	2	15	0	17
Chewing Tobacco and Arecanut	0	0	0	1	0	0	1	9	0	11
Only Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	1	0	0	2
Female Total	46	36	54	121	353	1083	1088	11456	22	14259
ALL										
Habit not Known	122	81	120	266	772	2537	2603	19628	44	26173
Only Smoking	0	0	3	8	47	206	173	546	0	983
Only Chewing Tobacco	0	0	0	1	7	20	20	191	0	239
Smoking and Chewing Tobacco	0	0	0	1	3	11	7	59	0	81
Only Chewing Arecanut	0	0	1	1	1	0	3	19	0	25
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	2	0	2
Chewing Tobacco and Arecanut	0	0	1	1	0	4	1	16	0	23

Smoking, Chewing Tobacco and Arecanut	0	0	0	0	1	2	0	4	0	7
Only Drinking Alcohol	0	0	1	4	18	33	29	71	0	156
Smoking and Drinking Alcohol	0	0	3	10	60	122	109	213	0	517
Chewing Tobacco and Drinking Alcohol	0	0	0	3	2	8	4	22	0	39
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	5	11	15	34	0	65
Chewing Arecanut and Drinking Alcohol	0	0	1	0	0	0	1	4	0	6
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	3	1	1	0	5
Drinking, Chewing Tobacco and Arecanut	0	0	0	1	2	3	0	4	0	10
All Habits	0	0	1	2	7	11	2	11	0	34
All Total	122	81	131	298	925	2971	2968	20825	44	28365

JAUNDIS

MALE

Habit not Known	4	2	13	20	44	44	38	114	0	279
Only Smoking	0	0	0	2	6	2	0	3	0	13
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Arecanut	0	0	0	1	0	1	0	0	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	3	4	2	4	1	1	0	15
Smoking and Drinking Alcohol	0	0	1	4	7	6	2	0	0	20
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, 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	1	0	0	0	1
All Habits	0	0	1	1	1	1	0	0	0	4
Male Total	4	2	18	33	60	59	42	121	0	339
FEMALE										
Habit not Known	0	2	8	9	17	34	31	105	0	206
Only Smoking	0	0	0	0	0	2	1	3	0	6
Smoking and Drinking Alcohol	0	0	0	0	0	1	1	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	0	0	0	1	0	0	0	1
Female Total	0	2	8	9	17	39	33	108	0	216
ALL										
Habit not Known	4	4	21	29	61	78	69	219	0	485
Only Smoking	0	0	0	2	6	4	1	6	0	19
Only Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Chewing Arecanut	0	0	0	1	0	1	0	0	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	3	4	2	4	1	1	0	15
Smoking and Drinking Alcohol	0	0	1	4	7	7	3	0	0	22
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	1	0	1	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
All Habits	0	0	1	1	1	2	0	0	0	5
All Total	4	4	26	42	77	98	75	229	0	555

LIVER DISEASE**MALE**

Habit not Known	5	9	26	108	365	588	333	715	0	2149
Only Smoking	0	0	2	5	23	37	33	53	0	153
Only Chewing Tobacco	0	0	0	0	1	2	4	10	0	17
Smoking and Chewing Tobacco	0	0	0	1	1	2	1	1	0	6
Only Chewing Arecanut	0	0	0	0	1	0	0	2	0	3
Smoking and Chewing Arecanut	0	0	0	0	1	0	0	0	0	1
Only Drinking Alcohol	0	0	10	38	81	62	31	33	0	255
Smoking and Drinking Alcohol	0	0	4	19	76	115	41	40	0	295
Chewing Tobacco and Drinking Alcohol	0	0	0	2	1	1	4	3	0	11
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	1	8	5	4	8	1	28
Chewing Arecanut and Drinking Alcohol	0	0	0	1	2	2	0	1	0	6
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	2	0	0	0	3
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	3	0	0	1	4
All Habits	0	0	0	4	1	2	2	1	0	10
Male Total	5	9	43	179	562	821	453	867	2	2941
FEMALE										
Habit not Known	2	6	13	26	96	241	216	678	1	1279
Only Smoking	0	0	0	0	0	1	0	0	0	1
Only Chewing Tobacco	0	0	0	1	0	1	3	9	0	14
Smoking and Chewing Tobacco	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1

Only Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	0	2	0	0	0	0	2
Female Total	2	6	13	27	98	244	220	688	1	1299
ALL										
Habit not Known	7	15	39	134	461	829	549	1393	1	3428
Only Smoking	0	0	2	5	23	38	33	53	0	154
Only Chewing Tobacco	0	0	0	1	1	3	7	19	0	31
Smoking and Chewing Tobacco	0	0	0	1	1	3	1	1	0	7
Only Chewing Arecanut	0	0	0	0	1	0	0	2	0	3
Smoking and Chewing Arecanut	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	1	0	0	1
Only Drinking Alcohol	0	0	10	38	81	62	31	34	0	256
Smoking and Drinking Alcohol	0	0	4	19	76	115	41	40	0	295
Chewing Tobacco and Drinking Alcohol	0	0	0	2	3	1	4	3	0	13
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	1	8	5	4	8	1	28
Chewing Arecanut and Drinking Alcohol	0	0	0	1	2	2	0	1	0	6
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	2	0	0	0	3
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	0	3	0	0	1	4
All Habits	0	0	0	4	1	2	2	1	0	10
All Total	7	15	56	206	660	1065	673	1555	3	4240
ULCER										
MALE										
Habit not Known	3	1	1	3	20	19	18	55	0	120
Only Smoking	0	0	0	0	2	1	2	1	0	6

Only Chewing Tobacco	0	0	0	0	1	0	1	2	0	4
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	1	1	0	1	1	0	4
Smoking and Drinking Alcohol	0	0	0	2	2	6	2	1	0	13
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
All Habits	0	0	0	0	2	0	0	0	0	2
Male Total	3	1	1	6	28	26	25	62	0	152
FEMALE										
Habit not Known	0	0	2	3	9	19	14	66	0	113
Only Smoking	0	0	0	0	0	0	0	1	0	1
Female Total	0	0	2	3	9	19	14	67	0	114
ALL										
Habit not Known	3	1	3	6	29	38	32	121	0	233
Only Smoking	0	0	0	0	2	1	2	2	0	7
Only Chewing Tobacco	0	0	0	0	1	0	1	2	0	4
Smoking and Chewing Tobacco	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	1	1	0	1	1	0	4
Smoking and Drinking Alcohol	0	0	0	2	2	6	2	1	0	13
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	0	1	0	0	1
Chewing Arecanut and Drinking Alcohol	0	0	0	0	0	0	0	1	0	1
All Habits	0	0	0	0	2	0	0	0	0	2
All Total	3	1	3	9	37	45	39	129	0	266

PARALYSIS										
MALE										
Habit not Known	5	9	21	51	161	431	406	1477	4	2565
Only Smoking	0	0	0	1	10	37	40	67	0	155
Only Chewing Tobacco	0	0	0	1	0	3	4	15	0	23
Smoking and Chewing Tobacco	0	0	0	0	0	3	3	4	0	10
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	0	0	3	0	3
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	1	6	4	4	15	0	30
Smoking and Drinking Alcohol	0	0	0	4	7	19	15	23	0	68
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	1	2	6	0	10
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	1	2	0	3	6	0	13
Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
All Habits	0	0	0	0	2	1	0	3	0	6
Male Total	5	9	22	60	189	502	477	1619	4	2887
FEMALE										
Habit not Known	7	6	9	26	104	387	338	2176	4	3057
Only Smoking	0	0	0	0	0	0	1	2	0	3
Only Chewing Tobacco	0	0	0	0	0	3	7	21	0	31
Smoking and Chewing Tobacco	0	0	0	0	0	0	1	0	0	1
Only Chewing Arecanut	0	0	0	0	0	1	0	2	0	3
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	2	0	2

Only Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Smoking and Drinking Alcohol	0	0	0	0	0	1	1	1	0	3
Female Total	7	6	9	26	105	392	348	2204	4	3101
ALL										
Habit not Known	12	15	30	77	265	818	744	3653	8	5622
Only Smoking	0	0	0	1	10	37	41	69	0	158
Only Chewing Tobacco	0	0	0	1	0	6	11	36	0	54
Smoking and Chewing Tobacco	0	0	0	0	0	3	4	4	0	11
Only Chewing Arecanut	0	0	0	0	0	2	0	2	0	4
Smoking and Chewing Arecanut	0	0	0	0	0	1	0	0	0	1
Chewing Tobacco and Arecanut	0	0	0	0	0	0	0	5	0	5
Smoking, Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	0	0	1
Only Drinking Alcohol	0	0	0	1	7	4	4	15	0	31
Smoking and Drinking Alcohol	0	0	0	4	7	20	16	24	0	71
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	1	2	6	0	10
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	1	2	0	3	6	0	13
Chewing Arecanut and Drinking Alcohol	0	0	0	1	0	0	0	0	0	1
All Habits	0	0	0	0	2	1	0	3	0	6
All Total	12	15	31	86	294	894	825	3823	8	5988
ACCIDENT(TRAFFIC/VEHICLES)										
MALE										
Habit not Known	51	511	410	326	336	288	120	217	7	2266
Only Smoking	0	2	3	6	12	16	4	7	0	50
Only Chewing Tobacco	0	0	0	0	0	1	0	1	0	2

Only Chewing Arecanut	0	1	1	0	0	0	0	0	0	2
Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	6	13	20	15	8	4	2	0	68
Smoking and Drinking Alcohol	0	5	5	9	14	10	2	1	0	46
Chewing Tobacco and Drinking Alcohol	0	0	2	0	0	0	0	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	1	1	1	1	0	0	5
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	1	0	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	1	0	0	0	2
All Habits	0	0	1	1	0	1	0	0	0	3
Male Total	51	525	436	364	380	326	132	228	7	2449
FEMALE										
Habit not Known	24	27	43	56	82	68	42	83	1	426
Only Chewing Tobacco	0	0	0	0	0	0	0	2	0	2
Only Chewing Arecanut	0	0	0	0	1	0	0	0	0	1
Female Total	24	27	43	56	83	68	42	85	1	429
SEX NOT REPORTED										
Habit not Known	0	0	0	0	0	0	0	0	1	1
SEX NOT REPORTED TOTAL	0	0	0	0	0	0	0	0	1	1
ALL										
Habit not Known	75	538	453	382	418	356	162	300	9	2693
Only Smoking	0	2	3	6	12	16	4	7	0	50
Only Chewing Tobacco	0	0	0	0	0	1	0	3	0	4
Only Chewing Arecanut	0	1	1	0	1	0	0	0	0	3
Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1

Only Drinking Alcohol	0	6	13	20	15	8	4	2	0	68
Smoking and Drinking Alcohol	0	5	5	9	14	10	2	1	0	46
Chewing Tobacco and Drinking Alcohol	0	0	2	0	0	0	0	0	0	2
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	1	1	1	1	1	0	0	5
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	1	0	0	2
Drinking, Chewing Tobacco and Arecanut	0	0	0	0	1	1	0	0	0	2
All Habits	0	0	1	1	0	1	0	0	0	3
All Total	75	552	479	420	463	394	174	313	9	2879

SUICIDE

MALE

Habit not Known	33	325	455	533	567	557	202	337	4	3013
Only Smoking	0	9	13	21	28	34	13	13	0	131
Only Chewing Tobacco	0	0	1	4	2	2	2	5	0	16
Smoking and Chewing Tobacco	0	0	1	1	1	1	0	3	0	7
Only Chewing Arecanut	0	3	1	4	0	0	0	0	0	8
Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	1	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	12	94	145	138	112	30	13	0	544
Smoking and Drinking Alcohol	0	7	49	102	147	116	34	20	0	475
Chewing Tobacco and Drinking Alcohol	0	3	6	7	12	5	0	1	0	34
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	7	9	9	7	4	5	0	41
Chewing Arecanut and Drinking Alcohol	0	2	2	3	10	0	2	1	0	20
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	2	2	0	0	0	0	0	4

Drinking, Chewing Tobacco and Arecanut	0	0	6	8	5	1	0	1	0	21
All Habits	0	0	11	9	5	6	1	1	0	33
Male Total	33	361	649	849	924	841	288	401	4	4350
FEMALE										
Habit not Known	20	273	178	119	140	125	70	153	0	1078
Only Smoking	0	0	0	0	0	1	0	0	0	1
Only Chewing Tobacco	0	0	0	0	0	2	2	3	0	7
Only Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Chewing Tobacco and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Chewing Arecanut and Drinking Alcohol	0	0	0	0	1	0	0	0	0	1
Female Total	20	273	178	119	143	128	72	156	0	1089
ALL										
Habit not Known	53	598	633	652	707	682	272	490	4	4091
Only Smoking	0	9	13	21	28	35	13	13	0	132
Only Chewing Tobacco	0	0	1	4	2	4	4	8	0	23
Smoking and Chewing Tobacco	0	0	1	1	1	1	0	3	0	7
Only Chewing Arecanut	0	3	1	4	0	0	0	0	0	8
Chewing Tobacco and Arecanut	0	0	1	0	0	0	0	1	0	2
Smoking, Chewing Tobacco and Arecanut	0	0	0	1	0	0	0	0	0	1
Only Drinking Alcohol	0	12	94	145	139	112	30	13	0	545
Smoking and Drinking Alcohol	0	7	49	102	147	116	34	20	0	475
Chewing Tobacco and Drinking Alcohol	0	3	6	7	13	5	0	1	0	35
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	7	9	9	7	4	5	0	41

Chewing Arecanut and Drinking Alcohol	0	2	2	3	11	0	2	1	0	21
Smoking, Chewing Arecanut and Drinking Alcohol	0	0	2	2	0	0	0	0	0	4
Drinking, Chewing Tobacco and Arecanut	0	0	6	8	5	1	0	1	0	21
All Habits	0	0	11	9	5	6	1	1	0	33
All Total	53	634	827	968	1067	969	360	557	4	5439

BLOOD PRESSURE

MALE

Habit not Known	6	5	9	31	95	228	193	710	2	1279
Only Smoking	0	0	0	2	8	19	14	32	0	75
Only Chewing Tobacco	0	0	0	1	0	2	2	8	0	13
Smoking and Chewing Tobacco	0	0	0	0	0	1	2	0	0	3
Only Chewing Arecanut	0	0	1	0	0	0	0	0	0	1
Smoking and Chewing Arecanut	0	0	0	0	0	0	0	1	0	1
Only Drinking Alcohol	0	0	0	2	8	7	4	4	0	25
Smoking and Drinking Alcohol	0	0	0	6	9	12	15	9	0	51
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	2	1	0	0	4
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	3	4	0	9
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	0	2	0	0	0	3
All Habits	0	0	1	1	2	2	0	1	0	7
Male Total	6	5	12	44	122	277	234	769	2	1471

FEMALE

Habit not Known	2	6	5	28	61	216	216	1202	2	1738
Only Smoking	0	0	0	0	0	1	0	0	0	1
Only Chewing Tobacco	0	0	0	1	0	3	4	31	0	39

Only Chewing Arecanut	0	0	0	0	0	0	2	4	0	6
Chewing Tobacco and Arecanut	0	0	0	0	0	1	0	2	0	3
Female Total	2	6	5	29	61	221	222	1239	2	1787
ALL										
Habit not Known	8	11	14	59	156	444	409	1912	4	3017
Only Smoking	0	0	0	2	8	20	14	32	0	76
Only Chewing Tobacco	0	0	0	2	0	5	6	39	0	52
Smoking and Chewing Tobacco	0	0	0	0	0	1	2	0	0	3
Only Chewing Arecanut	0	0	1	0	0	0	2	4	0	7
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	2	0	3
Only Drinking Alcohol	0	0	0	2	8	7	4	4	0	25
Smoking and Drinking Alcohol	0	0	0	6	9	12	15	9	0	51
Chewing Tobacco and Drinking Alcohol	0	0	0	1	0	2	1	0	0	4
Smoking, Chewing Tobacco and Drinking Alcohol	0	0	0	0	0	2	3	4	0	9
Drinking, Chewing Tobacco and Arecanut	0	0	1	0	0	2	0	0	0	3
All Habits	0	0	1	1	2	2	0	1	0	7
All Total	8	11	17	73	183	498	456	2008	4	3258

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	4	7	0	11	0	9	0	2	11
		Urban	28	20	0	48	0	39	0	9	48
		Total	32	27	0	59	0	48	0	11	59
2	Kannur	Rural	35	32	2	69	2	50	0	17	69
		Urban	71	44	0	115	11	64	0	40	115
		Total	106	76	2	184	13	114	0	57	184
3	Wayanad	Rural	22	6	0	28	2	18	0	8	28
		Urban	29	26	0	55	1	32	0	22	55
		Total	51	32	0	83	3	50	0	30	83
4	Kozhikode	Rural	6	9	0	15	0	10	0	5	15
		Urban	209	190	8	407	41	133	0	233	407
		Total	215	199	8	422	41	143	0	238	422
5	Malappuram	Rural	32	29	0	61	2	26	0	33	61
		Urban	84	70	0	154	19	106	0	29	154
		Total	116	99	0	215	21	132	0	62	215
6	Palakkad	Rural	4	3	0	7	2	4	0	1	7
		Urban	52	38	0	90	6	47	0	37	90
		Total	56	41	0	97	8	51	0	38	97
7	Thrissur	Rural	69	60	3	132	4	46	0	82	132
		Urban	73	50	0	123	8	35	0	80	123

		Total	142	110	3	255	12	81	0	162	255
8	Ernakulam	Rural	19	13	0	32	0	19	0	13	32
		Urban	18	22	0	40	0	25	0	15	40
		Total	37	35	0	72	0	44	0	28	72
9	Idukki	Rural	7	7	0	14	4	7	0	3	14
		Urban	6	11	0	17	1	12	0	4	17
		Total	13	18	0	31	5	19	0	7	31
10	Kottayam	Rural	67	67	1	135	2	57	0	76	135
		Urban	14	6	0	20	0	12	0	8	20
		Total	81	73	1	155	2	69	0	84	155
11	Alappuzha	Rural	21	18	0	39	0	31	0	8	39
		Urban	4	4	0	8	2	5	0	1	8
		Total	25	22	0	47	2	36	0	9	47
12	Pathanamthitta	Rural	6	6	0	12	0	7	0	5	12
		Urban	15	7	0	22	1	10	0	11	22
		Total	21	13	0	34	1	17	0	16	34
13	Kollam	Rural	8	7	0	15	1	8	0	6	15
		Urban	9	14	0	23	4	14	0	5	23
		Total	17	21	0	38	5	22	0	11	38
14	Thiruvananthapuram	Rural	3	1	0	4	1	2	0	1	4
		Urban	143	135	2	280	30	19	0	231	280
		Total	146	136	2	284	31	21	0	232	284
State	State	Rural	303	265	6	574	20	294	0	260	574
		Urban	755	637	10	1402	124	553	0	725	1402
		Total	1058	902	16	1976	144	847	0	985	1976

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	26	22	0	48	0	48	0	48
		Urban	0	0	0	0	0	0	0	0
		Total	26	22	0	48	0	48	0	48
2	Kannur	Rural	53	45	1	99	2	97	0	99
		Urban	13	15	0	28	11	17	0	28
		Total	66	60	1	127	13	114	0	127
3	Wayanad	Rural	32	18	0	50	2	48	0	50
		Urban	1	2	0	3	1	2	0	3
		Total	33	20	0	53	3	50	0	53
4	Kozhikode	Rural	60	59	2	121	0	121	0	121
		Urban	33	30	0	63	41	22	0	63
		Total	93	89	2	184	41	143	0	184
5	Malappuram	Rural	65	54	0	119	2	117	0	119
		Urban	17	17	0	34	19	15	0	34
		Total	82	71	0	153	21	132	0	153
6	Palakkad	Rural	28	20	0	48	2	46	0	48
		Urban	6	5	0	11	6	5	0	11
		Total	34	25	0	59	8	51	0	59
7	Thrissur	Rural	43	31	2	76	4	72	0	76
		Urban	10	7	0	17	8	9	0	17
		Total	53	38	2	93	12	81	0	93

8	Ernakulam	Rural	15	22	0	37	0	37	0	37
		Urban	3	4	0	7	0	7	0	7
		Total	18	26	0	44	0	44	0	44
9	Idukki	Rural	9	14	0	23	4	19	0	23
		Urban	0	1	0	1	1	0	0	1
		Total	9	15	0	24	5	19	0	24
10	Kottayam	Rural	32	28	1	61	2	59	0	61
		Urban	3	7	0	10	0	10	0	10
		Total	35	35	1	71	2	69	0	71
11	Alappuzha	Rural	14	13	0	27	0	27	0	27
		Urban	6	5	0	11	2	9	0	11
		Total	20	18	0	38	2	36	0	38
12	Pathanamthitta	Rural	12	4	0	16	0	16	0	16
		Urban	0	2	0	2	1	1	0	2
		Total	12	6	0	18	1	17	0	18
13	Kollam	Rural	12	12	0	24	1	23	0	24
		Urban	2	2	0	4	4	0	0	4
		Total	14	14	0	28	5	23	0	28
14	Thiruvananthapuram	Rural	8	12	0	20	1	19	0	20
		Urban	11	20	0	31	30	1	0	31
		Total	19	32	0	51	31	20	0	51
Not Reported		Urban	544	431	10	985	0	0	985	985
State	State	Rural	409	354	6	769	20	749	0	769
		Urban	649	548	10	1207	124	98	985	1207
		Total	1058	902	16	1976	144	847	985	1976

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	Below 15	0	0	0	0	1	0	0	1	1	0	0	1
2	15-19	15	12	0	27	37	32	3	72	52	44	3	99
3	20-24	75	70	2	147	162	154	1	317	237	224	3	464
4	25-29	108	83	1	192	210	183	0	393	318	266	1	585
5	30-34	62	62	3	127	139	99	2	240	201	161	5	367
6	35-39	25	27	0	52	66	45	1	112	91	72	1	164
7	40-44	5	5	0	10	5	1	1	7	10	6	1	17
8	45 & above	1	0	0	1	1	1	0	2	2	1	0	3
9	Age Not Stated	12	6	0	18	134	122	2	258	146	128	2	276
Total		303	265	6	574	755	637	10	1402	1058	902	16	1976

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	125	100	2	227	309	278	5	592	434	378	7	819
2	32-36	80	77	3	160	209	168	2	379	289	245	5	539
3	37-39	82	74	1	157	177	141	3	321	259	215	4	478
4	40	4	4	0	8	19	13	0	32	23	17	0	40
5	41+	12	10	0	22	41	37	0	78	53	47	0	100
Total		303	265	6	574	755	637	10	1402	1058	902	16	1976

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		
		Government	Private & Non-Government	
I	RURAL	275	299	574
II. Urban	(i) Towns with population one lakh and above			
1	Kollam (C)	8	4	12
2	Kottayam (M)	2	5	7
3	Kozhikode (C)	335	68	403
4	Palakkad (M)	36	29	65
5	Thiruvananthapuram (C)	241	32	273
6	Thrissur (C)	11	80	91
Total (i)		633	218	851
II. Urban	(ii) All Other urban areas			
1	Adoor (M)		1	1
2	Aluva (M)	1	3	4
3	Angamaly (M)		3	3
4	Attingal (M)		2	2
5	Chalakkudy (M)	1	7	8
6	Changanasserry (M)		3	3
7	Chavakkad (M)		1	1
8	Chengannur (M)		1	1
9	Cherthala (M)		2	2
10	Eloor(M)	2	1	3
11	Ettumanoor (M)		9	9
12	Iringalakuda (M)	2		2
13	Iritty(M)		3	3
14	Kalamasserry (M)	17		17
15	Kalpetta (M)	2	8	10
16	Kanjhagad (M)	3	3	6
17	Kannur (C)		26	26
18	Kannur Cantonment (M)	7		7
19	Karunagappally(M)	2	1	3
20	Kasaragod (M)	6	36	42

21	Kattappana (M)		4	4
22	Kodungallur (M)	1	13	14
23	Kondotty (M)		4	4
24	Kothamangalam (M)		6	6
25	Kottakkal(M)		28	28
26	Kottarakkara (M)		6	6
27	Kunnamkulam (M)	3	4	7
28	Kuthuparamba (M)		4	4
29	Malappuram (M)		15	15
30	Mananthavady (M)	27	2	29
31	Manjeri (M)	23	25	48
32	Maradu (M)		1	1
33	Mavelikkara (M)		5	5
34	Mukkam (M)		4	4
35	Neyyattinkara (M)	1	4	5
36	North Paravur (M)	1	2	3
37	Ottappalam (M)	2	23	25
38	Pala (M)		1	1
39	Pandalam (M)		1	1
40	Pathanamthitta (M)		6	6
41	Payyannur (M)		23	23
42	Perinthalmanna (M)		2	2
43	Perumbavoor (M)	2	1	3
44	Ponnani (M)	2		2
45	Punalur (M)	1	1	2
46	Sulthan Batheri (M)	4	12	16
47	Thalasserry (M)	5	22	27
48	Thaliparamba (M)	6	19	25
49	Thirurangadi (M)	7	24	31
50	Thiruvalla (M)		14	14
51	Thodupuzha (M)	4	9	13
52	Tirur (M)	6	10	16
53	Valancherry (M)		8	8
Total (ii)		138	413	551
Total Urban		771	631	1402
State Total (Rural+Urban)		1046	930	1976

TABLE - S6

Still Births by Cause of Still Birth and Age of the Mother (Rural & Urban)										
Cause of Still Birth	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										
Cholera	0	0	2	0	0	0	0	0	0	2
Anaemia's	0	0	1	0	0	0	0	0	0	1
Asthma	0	1	0	0	0	0	0	0	0	1
Complication in Pregnancy, Child birth	0	1	2	5	1	1	0	0	1	11
Others	0	0	9	4	4	2	0	0	0	19
Blood Pressure	0	0	0	1	0	0	0	0	0	1
Not Stated	1	97	450	575	362	161	17	3	275	1941
All Areas Total	1	99	464	585	367	164	17	3	276	1976
Rural Areas										
Anaemia's	0	0	1	0	0	0	0	0	0	1
Complication in Pregnancy, Child birth	0	0	0	3	1	0	0	0	0	4
Others	0	0	4	1	1	1	0	0	0	7
Not Stated	0	27	142	188	125	51	10	1	18	562
Rural Areas Total	0	27	147	192	127	52	10	1	18	574
Urban Areas										
Cholera	0	0	2	0	0	0	0	0	0	2
Asthma	0	1	0	0	0	0	0	0	0	1
Complication in Pregnancy, Child birth	0	1	2	2	0	1	0	0	1	7
Others	0	0	5	3	3	1	0	0	0	12
Blood Pressure	0	0	0	1	0	0	0	0	0	1
Not Stated	1	70	308	387	237	110	7	2	257	1379
Urban Areas Total	1	72	317	393	240	112	7	2	258	1402

TABLE - S7

Still Birth by Duration of Pregnancy and Age of the Mother (Rural & Urban)										
Duration of Pregnancy (in weeks)	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										
< 32	0	39	166	193	114	48	5	2	252	819
32-36	1	31	124	179	132	60	7	0	5	539
37-39	0	19	139	153	96	47	5	1	18	478
40+	0	10	35	60	25	9	0	0	1	140
All Areas Total	1	99	464	585	367	164	17	3	276	1976
Rural Areas										
< 32	0	12	56	77	49	20	4	1	8	227
32-36	0	10	36	52	40	17	3	0	2	160
37-39	0	4	46	49	33	14	3	0	8	157
40+	0	1	9	14	5	1	0	0	0	30
Rural Areas Total	0	27	147	192	127	52	10	1	18	574
Urban Areas										
< 32	0	27	110	116	65	28	1	1	244	592
32-36	1	21	88	127	92	43	4	0	3	379
37-39	0	15	93	104	63	33	2	1	10	321
40+	0	9	26	46	20	8	0	0	1	110
Urban Areas Total	1	72	317	393	240	112	7	2	258	1402

DEFINITIONS USED IN THIS REPORT

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

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

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

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

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

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**.

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

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

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

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 (TFR)** 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).

$$\text{Total fertility rate} = \frac{\sum_{15-19}^{45-49} \text{ASFR}}{1000} \times (\text{Sum of age specific fertility rates over different age groups}) \times (\text{Width of age group}) / 1000$$

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.

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

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 fetal viability (22 weeks gestation) and the end of the 7th day after delivery per 1,000 live births in a given year or period.

$$\text{Neo-natal mortality rate} = \frac{\text{Number of infant deaths < than 29 days during the year}}{\text{Number of live births during the year}} \times 1000$$

$$\text{Early neo- natal mortality rate} = \frac{\text{Number of infant deaths < than 7 days during the year}}{\text{Number of live births during the year}} \times 1000$$

$$\text{Late neo- natal mortality rate} = \frac{\text{Number of infant deaths of 7 days to < than 29 days during the year}}{\text{Number of live births during the year}} \times 1000$$

$$\text{Post neo- natal mortality rate} = \frac{\text{Number of infant deaths of 29 days to < than one year during the year}}{\text{Number of live births during the year}} \times 1000$$

$$\text{Peri neo- natal mortality rate} = \frac{\text{Number of still births and infant deaths of < than 7 days during the year}}{\text{Number of live births and still births during the year}} \times 1000$$

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

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

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

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



**Department of Economics & Statistics,
Vital Statistics Division, Thiruvananthapuram-33**
website: www.ecostat.kerala.gov.in, E-mail: ecostatdir@gmail.com
Ph: 0471 - 2305318, Fax: 0471 - 2305317