



**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**

**REPORT ON  
MEDICAL CERTIFICATION OF  
CAUSE OF DEATHS IN DELHI- 2019**



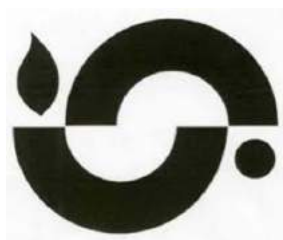
**DIRECTORATE OF ECONOMICS & STATISTICS  
&  
OFFICE OF THE CHIEF REGISTRAR (BIRTHS & DEATHS)  
VIKAS BHAWAN-II, 3rd FLOOR 'B' WING,  
UPPER BELA ROAD, NEAR METCALFE HOUSE,  
DELHI- 110054.**



सत्यमेव जयते

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### **WITH THE PREPARATION OF THE REPORT**

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## ***PREFACE***

This report on Medical Certification of Cause of Death is brought out by the Directorate of Economics & Statistics and Office of Chief Registrar (Births & Deaths), GNCTD. The Registration of Births and Deaths Act, 1969 provides for certification of cause of death by the medical practitioners who have last attended the deceased. The Section 10(2) of the Act empowers the State Government to introduce the system of medical certification of cause of death. In Delhi, the medical certification of cause of death has been made compulsory in July 2003 by bringing all the hospitals, government as well as private in the purview of the provisions of Section 10(3) of the RBD Act, 1969.

The report has been prepared exclusively on the basis of data on institutional deaths in Delhi. In domiciliary cases MCCD is not reported, so the readers of this report may bear in mind that this study is confined to 65.98% of the registered deaths during 2019 in Delhi which have occurred in hospitals.

The report is divided into four sections. First section is regarding the introduction of medical certification of cause of death (MCCD). Second section is for MCCD at a glance reflecting the level of death registration during 2001-2019 and distribution of institutional deaths by major causes during 2019. Third section is the time series analysis of MCC Deaths during the period 2001-2019. Detailed statistical tables are given in section four. In this section, period from the year 2001 to 2019 is taken into consideration for the study. This part contains the study of institutional deaths - local body wise, sex-wise and age-wise. It has also been attempted to analyze the incidence of major causes of deaths during the period 2001-2019 in Delhi on the basis of International Classification of Diseases (ICD) - 10 classification of WHO. This section specifically includes analysis of deaths due to Heart attack, cancer, tuberculosis, pneumonia, diabetic mellitus etc. in Delhi.

I would like to bring on record my appreciation for the sincere efforts put in by the officers and officials of Vital Statistics Unit in the preparation of the report.

It is hoped that this report will be a useful tool in the hands of policy makers of health related sectors, socio economic planners, health planners, researchers, scholars etc. Suggestions for further improvement in the report, if any, are welcome.

DELHI  
December, 2020

**ASHOK KUMAR**  
Director (Planning, Economics & Statistics)  
&  
Chief Registrar (Births & Deaths)

**REPORT ON MEDICAL CERTIFICATION  
OF  
CAUSE OF DEATHS (MCCD) IN DELHI 2019**

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**-: SECTION ONE :-**  
**INTRODUCTION**

# **SECTION ONE**

## **INTRODUCTION**

The Registration of Births and Deaths Act, 1969 (RBD Act, 1969) came into force in Delhi w.e.f. 1<sup>st</sup> July, 1970. The Act aims at compulsory accounting of vital events which results in the issuance of certificates as well as generation of valuable data for plan and policy formulation on health sector. The Delhi Registration of Births and Deaths Rules, 1970 has also been notified w.e.f. 1<sup>st</sup> January 1971. Further, these rules have been modified as per direction of Registrar General India in December, 1999 and came into force w.e.f. 1<sup>st</sup> January, 2000. Directorate of Economics & Statistics, Govt. of N.C.T. of Delhi also functions as the Office of Chief Registrar (Births & Deaths) for the N.C.T. of Delhi. The actual registration of Births & Deaths in Delhi is done by five local bodies viz North/South/East Delhi Municipal Corporations, NDMC and Delhi Cantonment Board through the registration offices under their jurisdictions. Each local body has Additional Chief Registrar (Births & Deaths) to coordinate smooth and effective functioning of registration works of vital events in the respective jurisdictional area. The registration office/ zone under the local body is headed by Registrar (B&D).

## **MEANING OF MCCD**

Medical Certification of Cause of Death is a record of the cause of death i.e. the disease, abnormality or injury which has directly or indirectly contributed to the death of a person. Death often results from the combined effects of two or more conditions. Sometimes these conditions may be related or un-related. When the conditions are related, the underlying cause of death is the disease or injury which initiated the sequence of events. All other conditions of death other than the underlying cause of death is termed as antecedent and immediate cause of death. The system of medical certification of cause of death provides cause specific mortality profiles which is a key indicator for analyzing the health trends of population in a scientific manner. The analysis of causes of deaths in different age groups has immense value to the public health planners/ administrators, medical professionals, epidemiologists and research workers etc.

## **STATUTORY PROVISIONS**

The section 10 (2) of the RBD Act empowers the State govt. to introduce the system of medical certification of cause of death in specified areas taking into consideration the facilities available and other related factors. The Section 10 (3) of the Act makes it mandatory for the medical practitioner, who has attended the person during his/ her last illness, to issue a medical certificate of cause of death in the prescribed format, in the event of the death of the person, without charging any fee. The Certificate of cause of death is submitted to the Registrar (B&D) by the informant along with the death report. As per Section 17 (1) (b) of the Act, the Registrar (B&D) has to keep the cause of death of the individual confidential; therefore the particulars of cause of death are not disclosed to any person while issuing the extract of the death register. Further, Section 23(3) of the RBD Act stipulates that any medical institution/ practitioner who neglects or refuses to issue a MCCD certificate under sub-section (3) of section 10 shall be punished with a fine upto fifty rupees.

## **MEDICAL CERTIFICATION OF CAUSE OF DEATH IN DELHI**

In the NCT of Delhi, the medical certification of cause of death has been made compulsory for all the hospitals managed by Govt./ Autonomous bodies including specialized hospital and all nursing homes managed by private organizations and societies of rural and urban areas since July 2003. However all domiciliary events have been kept out of the coverage of the Medical Certification of Cause of Death.

As per Act and Rules, Form No. 4 is there for reporting the cause of death in case of institutional deaths and Form No.4A for reporting the cause of death in domiciliary cases. However, the reporting of cause of domiciliary deaths event is purely voluntary.

## **SYSTEM OF IMPLEMENTATION**

All major hospitals/ health institutions both in public and private (including Charitable), which are approximately 950 in number, are reporting death events online to local bodies. The remaining hospitals report the details of the events to the concerned Registrar (B&D) along with the duly filled up form number 4.

\* \* \*



**-: SECTION TWO :-**  
**MCCD AT A GLANCE**

## SECTION TWO

### MCCD AT A GLANCE

Successful implementation of the scheme of Medical Certification of Cause of Death and the quality of data generated under it depends mainly on two factors, i.e. level of death registration, which is the percentage of deaths registered under CRS to total estimated number of deaths under SRS and proportion of institutional death events to total death events under CRS. Performance of Delhi based on both the above factors is much better than many states and UTs.

#### Statement No 2.1: Level of Death Registration:

YEAR	MID YEAR POPULATION (IN 1000)*	TOTAL REGISTERED DEATH UNDER C R S	ESTIMATED NO. OF DEATHS UNDER SRS	LEVEL OF DEATH REGISTRATION (IN %)
1	2	3	4	5
2001	13913	81100	70956	114
2002	14183	86176	72333	119
2003	14458	87743	72290	121
2004	14739	85378	69273	123
2005	15025	94187	69115	136
2006	15316	98908	71985	137
2007	15613	100974	74942	135
2008	15916	107600	76397	141
2009	16225	112013	71390	157
2010	16540	124353	69468	179
2011	16914	112142	72730	154
2012	17292	104616	72626	144
2013	17670	97185	72447	134
2014	18047	121286	68579	177
2015	18425	124516	66330	188
2016	18803	141632	75212	188
2017	19182	136117	70973	192
2018	19561	145533	64551	225
2019	19940	145284	N.A.	N.A.

\*Revised as per latest Population Projections prepared by National Commission of Population from the year 2011.

#### Statement No 2.2: Number of Institutional Deaths and percentage to total deaths registered under CRS:

YEAR	TOTAL DEATHS	INSTITUTIONAL DEATHS	% OF INSTITUTIONAL DEATHS TO TOTAL
2001	81100	45034	55.53
2002	86176	44965	52.18
2003	87743	48473	55.24
2004	87378	48559	55.58
2005	94187	56390	59.87
2006	98908	60254	60.92
2007	100974	59256	58.68
2008	107600	57122	53.09
2009	112013	68373	61.04
2010	124353	76373	61.42
2011	112142	68326	60.93
2012	104616	67856	64.86
2013	97185	68135	70.11
2014	121286	74592	61.50
2015	124516	78067	62.70
2016	141632	90517	63.91
2017	136117	89377	65.66
2018	145533	98153	67.44
2019	145284	95860	65.98

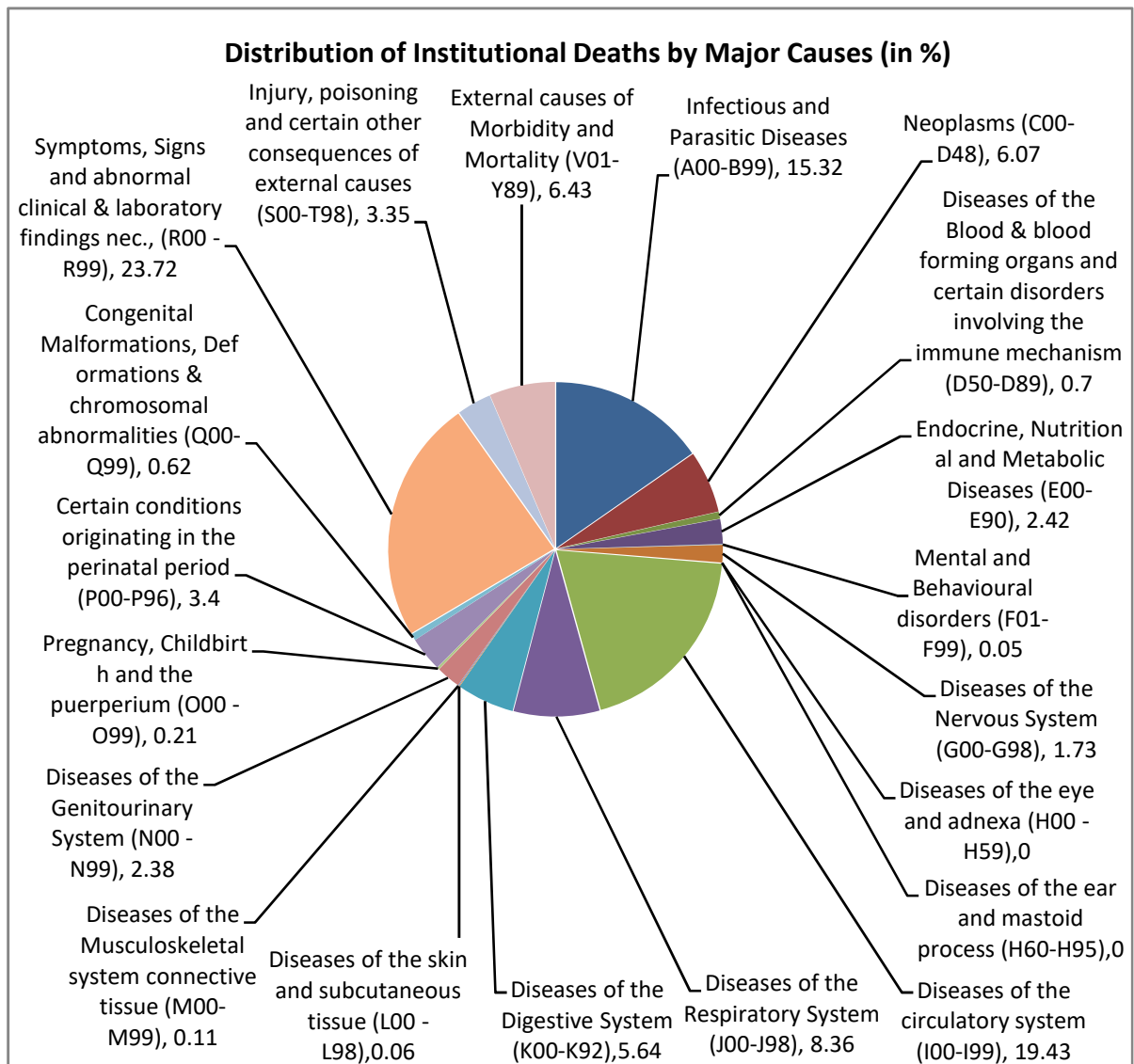
## Deaths by Major Causes:

During 2019, out of 145284 (89723 males, 55527 females and 34 others) deaths, 95860 deaths (59930 males, 35901 females and 29 others i.e. transgender/ ambiguous/ not stated) were covered in the MCCD. The classification of medically certified deaths by leading causes during 2019 as per International Classification of Diseases (10<sup>th</sup> revision) is presented as under:

### Statement No 2.3: Distribution of Institutional Deaths by major causes:

ICD 10 Chapter No.	Name of Broad Disease Group	No. of Persons				% to total
		Male	Female	Other	Total	
I	Infectious and Parasitic Diseases (A00-B99)	8869	5810	5	14684	15.32
II	Neoplasms (C00-D48)	3329	2485	1	5815	6.07
III	Diseases of the Blood & blood forming organs and certain disorders involving the immune mechanism (D50-D89)	387	288	0	675	0.70
IV	Endocrine, Nutritional and Metabolic Diseases (E00-E90)	1242	1074	0	2316	2.42
V	Mental and Behavioural disorders (F01-F99)	27	19	0	46	0.05
VI	Diseases of the Nervous System (G00-G98)	1020	642	0	1662	1.73
VII	Diseases of the eye and adnexa (H00 - H59)	0	2	0	2	0.00
VIII	Diseases of the ear and mastoid process (H60-H95)	1	0	0	1	0.00
IX	Diseases of the circulatory system (I00-I99)	11606	7014	1	18621	19.43
X	Diseases of the Respiratory System (J00-J98)	4943	3070	1	8014	8.36
XI	Diseases of the Digestive System (K00-K92)	3966	1444	0	5410	5.64
XII	Diseases of the skin and subcutaneous tissue (L00 - L98)	38	23	0	61	0.06
XIII	Diseases of the Musculoskeletal system connective tissue (M00-M99)	67	41	0	108	0.11
XIV	Diseases of the Genitourinary System (N00 - N99)	1344	942	0	2286	2.38
XV	Pregnancy, Childbirth and the puerperium (O00 - O99)	0	200	0	200	0.21
XVI	Certain conditions originating in the perinatal period (P00-P96)	1946	1299	12	3257	3.40
XVII	Congenital Malformations, Deformations & chromosomal abnormalities (Q00-Q99)	399	192	3	594	0.62
XVIII	Symptoms, Signs and abnormal clinical & laboratory findings nec., (R00 - R99)	14599	8132	6	22737	23.72
XIX	Injury, poisoning and certain other consequences of external causes (S00-T98)	2136	1072	0	3208	3.35
XX	External causes of Morbidity and Mortality (V01-Y89)	4011	2152	0	6163	6.43
<b>ALL</b>		<b>59930</b>	<b>35901</b>	<b>29</b>	<b>95860</b>	<b>100.00</b>

The following diagram will further illustrate the major causes which have accounted for deaths during 2019:-



The cause of death under the category of infectious and parasitic diseases includes deaths due to Cholera, Typhoid, Diarrhea, Gastroenteritis, Tuberculosis, Leprosy, Diphtheria, Tetanus, Septicemia, Hepatitis B, HIV, Malaria etc. During 2019, institutional deaths due to infectious and parasitic diseases were 14684 which work out to 15.32% of the total institutional deaths. Out of this, 07 deaths are due to cholera, 3935 deaths are due to Tuberculosis, 9754 are due to Septicemia, and 16 are due to Hepatitis and remaining were due to other diseases under this category.

Cause of death under the category of neoplasm includes the deaths due to cancer and cancer related diseases. Total number of institutional deaths due to cancerous diseases was 5815 during 2019 which works out to 6.07% of the total institutional deaths. Cancer of oral cavity, digestive organs, respiratory and thorax organs, breast cancer, neoplasm of genitourinary organs, leukemia etc. are the main causes of deaths under this category. Out of 5815 cancer deaths, 339 deaths are due to cancer of oral cavity, 946 deaths are due to cancer

of digestive organs, 710 deaths are due to leukemia, 661 deaths are due to cancer of respiratory and intrathoracic organs, 519 deaths are due to cancer of genitourinary organs and 355 deaths are due to breast cancer.

Diseases like thalassaemia, anaemia and disorders involving immune mechanism are included in the category of diseases of the blood and blood forming organs and disorders involving the immune mechanism. During 2019, 675 institutional deaths were reported under this category which works out to 0.70% of the total institutional deaths. Out of 675 deaths, 05 were due to thalassaemia and 470 were due to anaemia.

During 2019; 2316 (1242 males and 1074 females) institutional deaths were due to endocrine, nutritional and metabolic diseases like disorders of thyroid, diabetic mellitus etc. which works out to 2.42% of the total institutional deaths. Out of 2316 deaths, 1656 deaths were due to diabetes mellitus.

During 2019; 1662 (1020 males, 642 females) institutional deaths were due to diseases of the nervous system like meningitis, encephalitis, epilepsy etc. which is 1.73% of the total institutional deaths during the year. Out of 1662 deaths, 272 deaths were due to Meningitis, 264 deaths due to encephalitis and 77 deaths due to epilepsy.

It is observed that the diseases of the circulatory system i.e. heart and heart related diseases account for a major cause of death in Delhi. In this category, chronic rheumatic heart diseases, hypertensive heart diseases, acute myocardial infarction, pulmonary heart diseases, cerebrovascular heart diseases are included. During 2019, this category accounted for 18621 institutional deaths of which 11606 males and 7014 females and 1 was other, which works out to 19.43% of the total institutional deaths during the year. Out of 18621 deaths, 6937 deaths were due to hypertensive diseases, 4263 deaths were due to pulmonary circulation and other forms of heart diseases, 3487 deaths were due to ischaemic heart diseases, 2167 deaths were due to cerebrovascular diseases and 1176 deaths were due to acute rheumatic fever and chronic rheumatic heart diseases.

Another major cause of death is the diseases of the respiratory system. This includes respiratory infections, bronchitis and acute bronchitis, asthma, influenza, pneumonia etc., which account for 8014 deaths of which 4943 were male deaths and 3070 were female deaths and 1 was other. This cause works out to 8.36% of the total institutional deaths. Out of 8014 deaths, 2145 deaths were due to pneumonia, 50 deaths due to acute bronchitis and acute bronchiolitis and 109 deaths due to asthma.

During 2019; 5410 (3966 males and 1444 females) institutional deaths were due to the diseases of the digestive system like gastric and duodenal ulcer, gastroenteritis, appendicitis, hernia, hepatitis, disorder of liver, disorder of pancreas etc. This cause works out to 5.64% of the total institutional deaths. Out of 5410 deaths, 3129 deaths were due to

diseases of liver, 355 deaths were due to Peritonitis and 209 deaths were due to disorders of pancreas.

During 2019, the diseases connected with the genitourinary system has accounted for 2286 institutional deaths (1344 males, 942 females). It is 2.38% of the total institutional deaths. Under, this category, 1575 deaths were due to renal failure and 433 deaths were due to other disorder of kidney and ureter.

During 2019, certain conditions originating in the perinatal period have accounted for 3257 deaths of which 1946 male deaths and 1299 female deaths and 12 were other deaths. It is 3.40% of total institutional deaths. The deaths under this group are of infants and are due to complications of pregnancy, slow foetus growth, malnutrition & immaturity, hypoxia, birth asphyxia, infections of pre-natal period, hematological disorders etc. Out of 3257 deaths, 1554 deaths were due to Hypoxia, birth asphyxia and other respiratory conditions and 1207 deaths were due to slow fetal growth, fetal malnutrition and immaturity.

During 2019, symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified have accounted for 22737 deaths (14599 male deaths and 8132 female deaths and 6 others death). Percentage of institutional deaths reported under this category is 23.72%.

During 2019, injury, poisoning and certain other consequences of external causes were responsible for 3208 deaths (2136 males, 1072 females). The main reasons of death under this category were burns and corrosions and later effects of injuries and poisoning and other consequences of external causes. The deaths under this category work out to 3.35% of the total institutional deaths.

## **ANALYSIS OF MEDICALLY CERTIFIED DEATHS BY CAUSES & AGE GROUPS:**

### **Infant Deaths by Major Causes:**

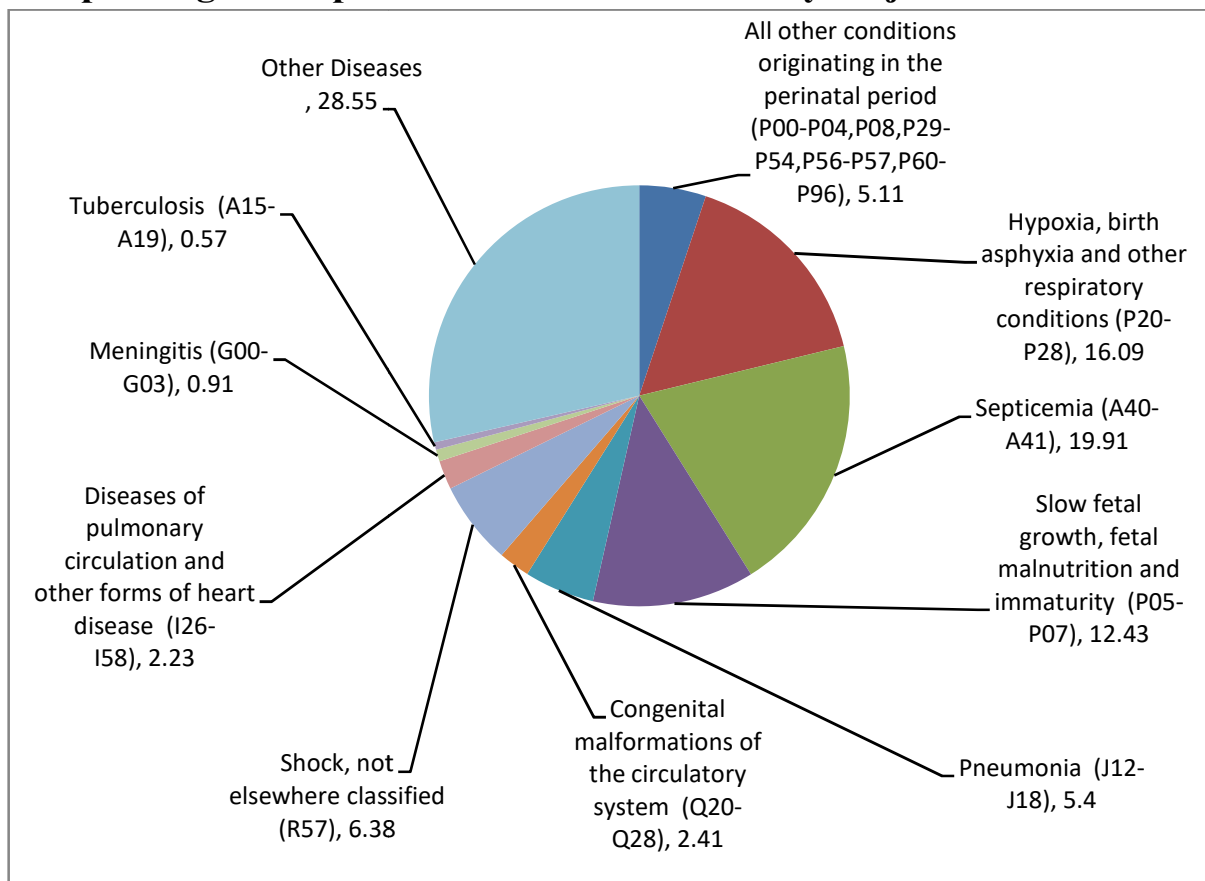
Out of total 145284 deaths, 8823 were infant deaths during 2019. Out of the 8823 infant deaths, 5317 were male infant deaths and 3491 were female infant deaths and 15 were others infant deaths. During 2019, the infant mortality rate works out to 24.12. The neo natal mortality rate is 16.18 and the post natal mortality rate is 7.93. Further, out of 8823 infant deaths 8798 (99.72%) were institutional i.e. MCCD were provided in these cases. The statement No. 2.4 gives the distribution of 8798 institutional infant deaths classified as per leading causes of death.

**Statement No 2.4: Distribution of infant deaths by major causes:**

Sl. No.	Cause of Death & ICD-10 Coding	No. of Infant Deaths				% to total MCCD Infant Deaths
		Male	Female	Others	Total	
1	All other conditions originating in the perinatal period (P00-P04,P08,P29-P54,P56-P57,P60-P96)	285	164	1	450	5.11
2	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	851	559	6	1416	16.09
3	Septicemia (A40-A41)	1034	717	1	1752	19.91
4	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	641	451	2	1094	12.43
5	Pneumonia (J12-J18)	288	187	0	475	5.40
6	Congenital malformations of the circulatory system (Q20-Q28)	154	57	1	212	2.41
7	Shock, not elsewhere classified (R57)	360	201	0	561	6.38
8	Diseases of pulmonary circulation and other forms of heart disease (I26- I58)	121	75	0	196	2.23
9	Meningitis (G00-G03)	49	31	0	80	0.91
10	Tuberculosis (A15-A19)	33	17	0	50	0.57
<b>Total (1 to 10)</b>		<b>3816</b>	<b>2459</b>	<b>11</b>	<b>6286</b>	<b>71.45</b>
<b>All Infant Deaths (MCCD)</b>		<b>5302</b>	<b>3481</b>	<b>15</b>	<b>8798</b>	<b>100.00</b>

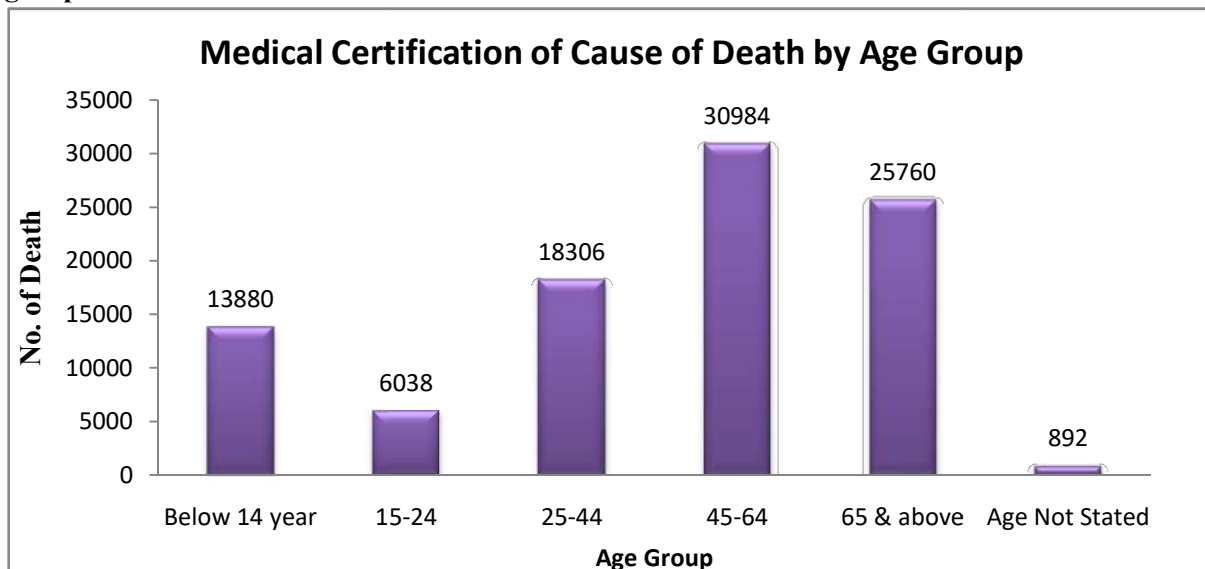
It is observed that out of the total institutional infant deaths during the year 2019, 19.91% due to septicaemia, 16.09% due to Hypoxia, birth asphyxia and other respiratory conditions, 12.43% infants died due to slow fetal growth, fetal malnutrition and immaturity, 6.38% deaths due to shock (n.e.c.), 5.40% due to pneumonia, 5.11% due to other conditions originating in the perinatal period, 2.41% due to Congenital malformations of the circulatory system and remaining were due to other causes.

**The pie diagram represents the infant deaths by major causes:**



**Medical Certification of Cause of Deaths by age group:**

The following bar diagram depicts the number of Medical Certification of Cause of Deaths by age groups:



Age group wise analysis of 95860 institutional deaths reflect that during the year 2019 maximum number of deaths i.e. 30984(32.32%) occurred in the age group of 45-64 years followed by 25760(26.87%) deaths in the age group of 65 years & above, 18306(19.10%) deaths in the age groups of 25-44 years.



## **Age group wise analysis of institutional deaths by major group of causes of deaths:**

### **Children aged 1-4 years:**

Out of total institutional deaths, 2.43% (1.33% for males and 1.10% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (22.48%) deaths were due to infectious and parasitic diseases followed by 13.90% deaths due to diseases of the respiratory system; 8.71% deaths due to injury, poisoning and certain other consequences of external causes; 6.35% deaths due to diseases of circulatory system; 4.72% deaths due to diseases of the nervous system; 4.59% deaths due to external causes of morbidity and mortality; and 4.12% deaths due to diseases of neoplasm.

### **Children aged 5-14 years:**

Out of total institutional deaths, 2.87% (1.57% for males and 1.30% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (24.21%) deaths were due to infectious and parasitic diseases followed by 9.12% deaths due to diseases of the respiratory system; 5.23% deaths due to diseases of the injury, poisoning and certain other consequences of external causes; 7.78% deaths due to diseases of the circulatory system; 7.63% deaths due to neoplasms; 5.89% deaths due to diseases of the nervous system; and 4.18% deaths due to external causes of morbidity and mortality.

### **Persons aged 15-24 years:**

Out of total institutional deaths, 6.30% (3.60% for males and 2.70% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (20.55%) deaths were due to infectious and parasitic diseases followed by 13.53% deaths due to diseases of the circulatory system; 6.09% deaths due to diseases of the respiratory system; 9.61% deaths due to injury and poisoning and certain other consequences of external causes; 4.65% deaths due to diseases of the neoplasms; 4.97% deaths due to external causes of morbidity and mortality and 4.02% deaths due to diseases of the digestive system.

It is observed that out of 2587 institutional females deaths in this age group, 107 i.e. 4.14% deaths were due to burns.

**Persons aged 25-34 years:**

Out of total institutional deaths, 8.42% (5.43% for males and 2.99% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (16.73%) deaths were due to infectious and parasitic diseases followed by 15.42% deaths due to diseases of the circulatory system; 7.98% deaths due to diseases of the digestive system; 7.87% deaths due to injury & poisoning and certain other consequences of external causes; 6.16% deaths due to external causes of morbidity and mortality; 5.62% deaths due to diseases of the respiratory system and 5.14% deaths due to diseases of the neoplasms. It is observed that out of total 2864 institutional females deaths in the age group, 137 i.e. 4.78% deaths were due to burns.

**Persons aged 35-44 years:**

Out of total institutional deaths, 10.67% (7.46% for males and 3.21% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (18.83%) deaths due to diseases of the circulatory system followed by 14.87% deaths were due to infectious and parasitic diseases; 9.52% deaths due to diseases of the digestive system; 6.91% deaths due to diseases of the malignant neoplasms; 6.44% deaths due to diseases of the respiratory system; 5.44% deaths due to external causes of morbidity and mortality and 5.15% deaths due to diseases of the injury and poisoning and certain other consequences of external causes. It is observed that out of 3078 institutional female deaths in this age group, 79 i.e. 2.57% deaths were due to burns.

**Persons aged 45-54 years:**

Out of total institutional deaths, 14.41% (9.65% for males and 4.76% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (23.39%) deaths were due to the diseases of circulatory system; followed by 12.81% deaths were due to infectious and parasitic diseases; 8.37% deaths due to diseases of the malignant neoplasms; 8.03% death due to diseases of the digestive system; 7.84% deaths due to diseases of the respiratory system; 6.01% deaths due to external causes of morbidity and mortality; 3.16% deaths due to the injury & poisoning and certain other consequences of external causes; 3.02% deaths due to endocrine, nutritional & metabolic diseases and 2.44% deaths due to diseases of the genitourinary system.

**Persons aged 55-64 years:**

Out of total institutional deaths, 17.91% (11.56% for males and 6.34% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (25.10%) deaths were due to diseases of circulatory system followed by 13.08% deaths due to infectious and parasitic diseases; 8.73% deaths due to diseases of the respiratory system; 8.19% deaths due to diseases of malignant neoplasm; 7.31% deaths due to external causes of morbidity and mortality; 5.58% deaths due to digestive system and 3.20% deaths due to endocrine, nutritional & metabolic diseases.

**Persons aged 65-69 years:**

Out of total institutional deaths, 8.08% (4.99% for males and 3.09% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (24.30%) deaths were due to diseases of circulatory system followed by 12.35% deaths due to infectious and parasitic diseases; 9.45% deaths due to diseases of the respiratory system; 8.10% deaths due to external causes of morbidity and mortality; 7.95% deaths due to diseases of the malignant neoplasms; 4.75% deaths due to diseases of digestive system and 3.73% deaths due to endocrine; nutritional & metabolic diseases.

**Persons aged 70 years and above:**

Out of total institutional deaths, 18.79% (10.84% for males and 7.95% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (25.19%) deaths were due to diseases of circulatory system followed by 13.01% deaths due to infectious and parasitic diseases; 10.72% deaths due to diseases of the respiratory system; 9.42% deaths due to external causes of morbidity and mortality; 4.98% deaths due to diseases of malignant neoplasms; 4.32% deaths due to diseases of digestive system and 2.89% deaths due to endocrine, nutritional & metabolic diseases.

**Medical Certification of Cause of Death in States/UTs**

The Registrar General, India and the World Health Organization have stressed the need to have a better system of reporting of cause of death along with the death report. Delhi is one of the few States which has successfully implemented the scheme. During the period of 2001-2019, in Delhi, approx. 66% of the total deaths have taken place in hospitals.

The Office of RGI has provided the MCCD data of different States/ UTs. The following table reflects the number of MCCDeaths and percentage of these Deaths to Registered Deaths during the years 2016 to 2018:

**Statement No. 2.5: Percentage of Medical Certification of Cause of Deaths to Registered Deaths in States/UTs**

S. No.	Name of State/ UT	No. of Registered Death			*Percentage of Medically Certified Deaths to Total Registered Deaths		
		2016	2017	2018	2016	2017	2018
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Andhra Pradesh	313285	355546	375777	15.7	14.1	14.9
2	Arunachal Pradesh	2591	2939	3860	35.6	41.5	32.9
3	Assam	130414	14012	142605	26.8	31.2	12.0
4	Bihar	177021	261425	213989	6.2	6.8	13.6
5	Chhattisgarh	182985	175035	177549	17.9	19.4	19.8
6	Goa	13130	13020	13072	100.0	100.0	100.0
7	Gujarat	417835	388316	433256	17.0	20.9	23.4
8	Haryana	181138	174937	185842	13.8	16.3	20.4
9	Himachal Pradesh	35819	39114	41833	15.9	14.5	15.0
10	Jammu & Kashmir	36431	37184	39410	-	-	-
11	Jharkhand	130655	116393	102729	3.7	4.7	4.6
12	Karnataka	420774	481747	483511	34.8	30.4	31.1
13	Kerala	256130	263342	258530	10.8	11.1	11.9
14	Madhya Pradesh	338587	370538	424257	9.7	9.4	10.5
15	Maharashtra	666448	647161	667900	20.6	38.9	34.8
16	Manipur	-	4130	4474	-	55.2	51.4
17	Meghalaya	-	13779	14779	-	40.5	43.1
18	Mizoram	6422	5525	5525	41.7	54.6	58.9
19	Nagaland	2137	1836	828	9.2	15.4	28.7
20	Odisha	345527	322660	328799	12.9	11.7	11.1
21	Punjab	213578	210398	213234	15.1	15.7	17.1
22	Rajasthan	416992	424763	443173	13.7	12.9	13.1
23	Sikkim	3496	3339	3386	41.5	43.5	42.5
24	Tamilnadu	563625	580496	574006	42.0	43.3	45.0
25	Telangana	204917	178345	136528	26.2	32.9	37.4
26	Tripura	10440	26296	29080	38.9	21.4	22.3
27	Uttarakhand	48228	33931	47894	9.6	7.1	11.1
28	Uttar Pradesh	608740	571170	906653	5.7	8.6	5.1
29	West Bengal	445540	442995	490530	4.9	13.0	12.9
<b>UTs</b>							
1	A & N Islands	2351	2137	2237	55.3	61.5	59.5
2	Chandigarh	16570	21236	23330	47.8	44.3	71.8
3	Dadra & Nagar Haveli	1790	2080	2174	66.1	58.1	54.0
4	Daman & Diu	1250	1136	1169	78.8	87	90.8
5	Delhi	141632	136117	145533	57.2	60.7	62.3
6	Lakshadweep	321	351	314	83.5	95.4	94.9
7	Puducherry	12460	13350	12839	72.7	63.7	74.0

\* Excuding external causes of morbidity and mortality.

**-: SECTION THREE :-**

**TIME SERIES ANALYSIS**

**OF**

**MEDICALLY**

**CERTIFIED CAUSE OF**

**DEATH**

## SECTION THREE

### TIME SERIES ANALYSIS OF MEDICALLY CERTIFIED CAUSE OF DEATH

Analysis of the trend in death registration in Delhi during the period 2001 to 2019 has been presented in this Section, caused due to specific diseases like heart attack, cancer, tuberculosis, pneumonia and diabetic mellitus etc.

#### Medical Certification of Cause of Deaths (2001-2019)

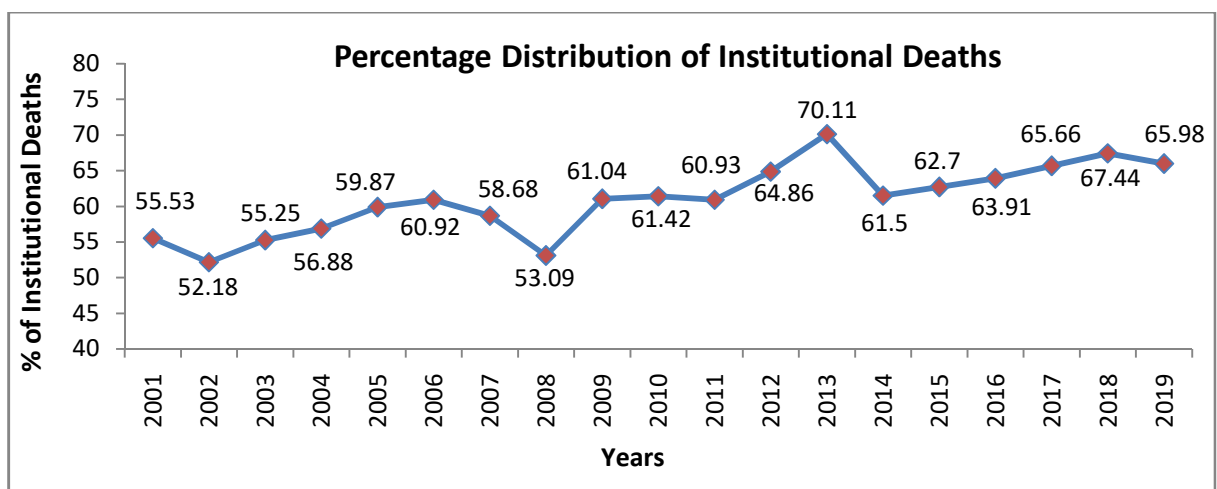
It is observed that during the period from 2001-2019, the level of institutional deaths in Delhi varied between 52.18 to 70.11 percent. The lowest level i.e. 52.18% institutional deaths were reported during the year 2002 and the maximum level i.e. 70.11% were reported during 2013. During the year 2003, the notification was issued making it mandatory for providing cause of death for every institutional death in Delhi. Following table shows the percentage distribution of medically certified cause of deaths i.e. the proportion of institutional deaths to total deaths.

#### Statement No 3.1: Distribution of Institutional Deaths during pre and post MCCD Notification (Year-2003):

Year	Total Deaths	Institutional Deaths	Percentage
<b>A. Prior to Notification</b>			
2001	81100	45034	55.53
2002	86176	44965	52.18
<b>B. After Notification</b>			
2003	87743	48473	55.24
2004	85378	48559	56.88
2005	94187	56390	59.87
2006	98908	60254	60.92
2007	100974	59256	58.68
2008	107600	57122	53.09
2009	112013	68373	61.04
2010	124353	76373	61.42
2011	112142	68326	60.93
2012	104616	67856	64.86
2013	97185	68135	70.11
2014	121286	74592	61.50
2015	124516	78067	62.70
2016	141632	90517	63.91
2017	136117	89377	65.66
2018	145533	98153	67.44
2019	145284	95860	65.98

From the table, it is clear that the total number of deaths in Delhi has increased from 81100 in the year 2001 to 145284 in the year 2019. It may be observed that during the year 2007 to 2012 and 2014 to 2019, the number of deaths in Delhi were above one lac. During the period of 2001 to 2019, the lowest number of deaths i.e. 81100 were reported in 2001 and the highest number i.e. 145533 were reported in 2018. It is also observed that the proportion of institutional deaths to total deaths was in the range of 52 to 61 percent during 2001 to 2008 and above 60% from the year 2009. However, this proportion was maximum to the level of 70 percent during 2013 which reflect that the families of the deceased have tried their best to get the treatment by admitting them in hospitals.

**The following diagram will show the trend in institutional deaths in Delhi:**



The graph depicts percentage distribution of institutional deaths, which is varying between 61 to 70 percent during 2009 to 2019.

### **Local Body wise Institutional Deaths**

The Municipal Corporation of Delhi has been trifurcated into three local bodies i.e. North/South/East Delhi Municipal Corporation w.e.f. April 2012 and due to this fact the death events occurred and registered in municipal corporation area from the year 2013 onwards have been reflected in three local bodies. Therefore, the information of registered institutional death events has been given in r/o five local bodies for 2019 including NDMC & Delhi Cantonment Board.

The following table shows the local body wise details of institutional deaths in Delhi during the period from 2001 to 2019:

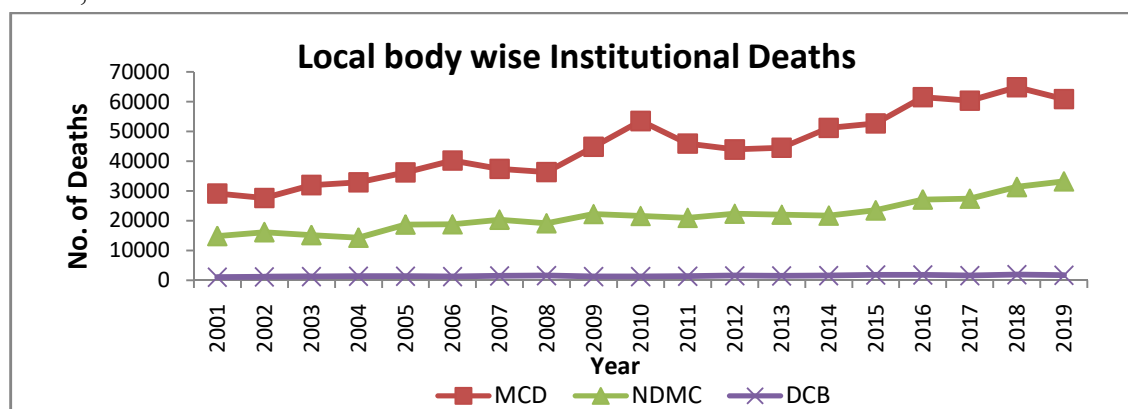
**Statement No 3.2 Distribution of Institutional Deaths Local body wise:**

Institutional Deaths				
Year	MCD	NDMC	DCB	Total
2001	29117	14866	1051	45034
2002	27632	16192	1141	44965
2003	31981	15195	1297	48473
2004	32892	14316	1351	48559
2005	36250	18744	1396	56390
2006	40226	18804	1224	60254
2007	37379	20388	1489	59256
2008	36366	19187	1569	57122
2009	44818	22249	1306	68373
2010	53519	21591	1263	76373
2011	45923	20994	1409	68326
2012	43944	22373	1539	67856

Year	North DMC (1)	South DMC (2)	East DMC (3)	Total MCD (1+2+3)	NDMC (4)	DCB (5)	Total (1 to 5)
2013	21136	12282	11139	44557	22070	1508	68135
2014	23973	15197	12042	51212	21754	1626	74592
2015	25243	15536	11955	52734	23524	1809	78067
2016	27962	18611	14977	61550	27164	1803	90517
2017	28133	17582	14623	60338	27422	1617	89377
2018	28485	19726	16647	64858	31380	1915	98153
2019	26763	18895	15206	60864	33264	1732	95860

The time series given in statement 3.1 and 3.2 shows that 2106743 deaths were registered in Delhi during the period from 2001 to 2019 and out of these 61.50% were institutional deaths. The local body wise analysis of proportion of institutional deaths during 2019 reflect that maximum i.e. 34.70% in NDMC followed by 27.92% occurred North DMC, 19.71% in South DMC, 15.86% in East DMC and 1.81% in DCB. Evidently, maximum institutional deaths were in NDMC. It may be observed that before the year 2013 the maximum deaths vis-a-vis institutional deaths were always in the then MCD due to jurisdiction over large area.

The following diagram will make clear the trend regarding institutional deaths in MCD, NDMC and DCB areas:





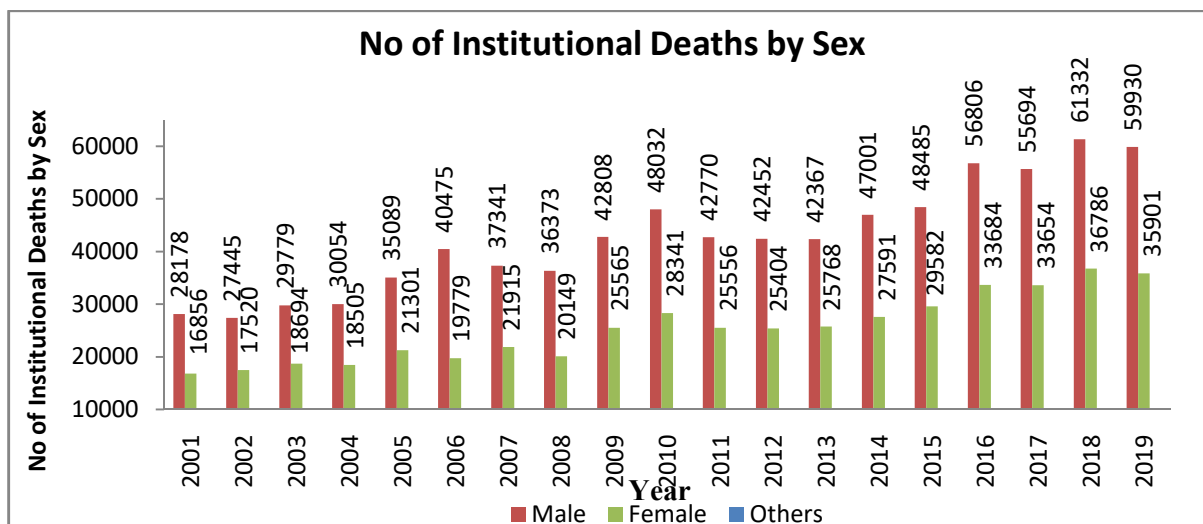
### Sex-wise and age-wise analysis of institutional deaths during 2001-2019:

The following table shows the number of institutional deaths sex-wise during the period 2001-2019:

**Statement No 3.3: Distribution of Institutional Deaths by sex:**

Year	Male	Female	Other	Total	Ratio of Male deaths to Female deaths
2001	28178	16856	N.A.	45034	1.67
2002	27445	17520	N.A.	44965	1.57
2003	29779	18694	N.A.	48473	1.59
2004	30054	18505	N.A.	48559	1.62
2005	35089	21301	N.A.	56390	1.65
2006	40475	19779	N.A.	60254	2.05
2007	37341	21915	N.A.	59256	1.70
2008	36373	20149	N.A.	57122	1.81
2009	42808	25565	N.A.	68373	1.67
2010	48032	28341	N.A.	76373	1.69
2011	42770	25556	N.A.	68326	1.67
2012	42452	25404	N.A.	67856	1.67
2013	42367	25768	N.A.	68135	1.64
2014	47001	27591	N.A.	74592	1.70
2015	48485	29582	N.A.	78067	1.64
2016	56806	33684	27	90517	1.69
2017	55694	33654	29	89377	1.65
2018	61332	36786	35	98153	1.67
2019	59930	35901	29	95860	1.67

From the table, it is clear that during the period 2001-2019 there is the trend of more male deaths compared to female deaths. The maximum difference in number of male deaths to female deaths has been noticed during the year 2018 whereas it is the minimum during the year 2002. The ratio of male deaths to female deaths varied from 1.57 to 2.05.



It is observed from the statement 3.3 that during the period both male institutional deaths as well as female deaths have an increase. The number of male deaths has increased from 28178 in 2001 to 59930 in 2019, whereas the number of female deaths has increased from 16856 in 2001 to 35901 in 2019. Obviously, the percentage increase in number of male deaths is 112.68% and it is 112.99% in number of female deaths.

The age-wise analysis of the institutional deaths will make the picture clearer. For the purpose of the study, 5 age-groups are taken into consideration i.e. 14 years and below, 15-24, 25-44, 45-64, 65 years and above.

The following table shows the age-wise details of institutional deaths occurred during the period from 2001-2019:

**Statement No 3.4: Distribution of Institutional Deaths age group wise:**

Age group wise % of MCCDeaths							
year	14 & below	15-24	25-44	45-64	65 & above	Age Not Stated	All
2001	25.35	8.52	20.65	24.60	18.38	2.50	100.00
2006	21.82	9.96	21.24	26.38	20.40	0.20	100.00
2007	22.01	8.38	20.27	27.58	21.76	0.00	100.00
2008	16.74	7.83	22.65	31.25	21.43	0.10	100.00
2009	18.25	8.53	22.60	29.12	21.43	0.07	100.00
2010	17.04	8.24	21.16	30.85	22.71	0.00	100.00
2011	18.39	8.11	20.56	29.79	23.15	0.00	100.00
2012	18.82	7.61	20.43	30.09	23.05	0.00	100.00
2013	17.81	7.48	20.16	30.71	23.84	0.00	100.00
2014	16.25	6.89	19.48	31.74	24.93	0.71	100.00
2015	16.65	6.83	19.85	31.62	24.95	0.10	100.00
2016	14.13	6.32	18.79	31.24	26.83	2.69	100.00
2017	14.06	6.42	19.01	32.05	25.63	2.83	100.00
2018	14.25	6.17	18.81	32.06	26.96	1.75	100.00
2019	14.48	6.30	19.10	32.32	26.87	0.93	100.00

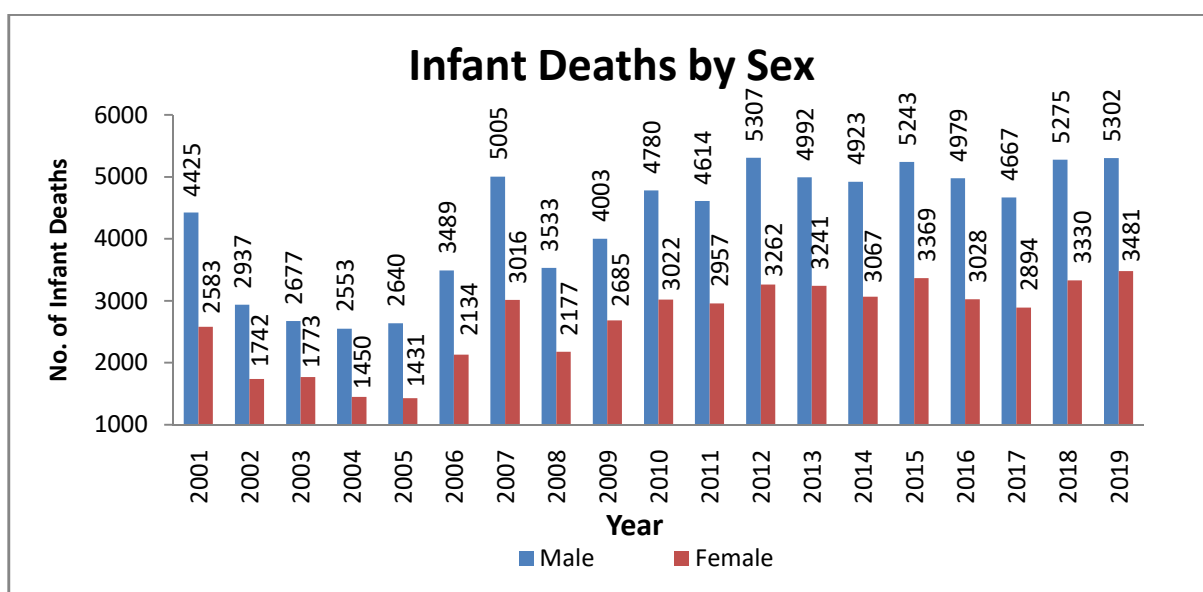
The age group wise analysis of institutional deaths reflect that in the age group of 14 years and below the percentage of institutional deaths to total institutional deaths during the period 2001-2019 has come down from 25.35% to 14.48%. It is also observed that almost similar pattern exist in r/o percentage of institutional deaths in the age group of 15-24 years and 25-44 years to total institutional deaths during the period 2001 to 2019. On the other hand, it has increased from 24.60% to 32.32% in the age group of 45-64 years and from 18.38% to 26.87 % in the age group of 65 years & above and it indicate that the sick people of these age groups admitted in the hospital in large number than other age groups for getting treatment.

## Institutional infant deaths during the period 2001-2019:

During the period 2001-2019, the trend of institutional infant deaths may be observed from the following table:-

**Statement No 3.5: Distribution of Institutional Infant Deaths by sex:**

Year	Infant Deaths			
	Male	Female	Other	Total
2001	4425	2583	N.A.	7008
2002	2937	1742	N.A.	4679
2003	2677	1773	N.A.	4450
2004	2553	1450	N.A.	4003
2005	2640	1431	N.A.	4071
2006	3489	2134	N.A.	5623
2007	5005	3016	N.A.	8021
2008	3533	2177	N.A.	5710
2009	4003	2685	N.A.	6688
2010	4780	3022	N.A.	7802
2011	4614	2957	N.A.	7571
2012	5307	3262	N.A.	8569
2013	4992	3241	N.A.	8233
2014	4923	3067	N.A.	7990
2015	5243	3369	N.A.	8612
2016	4979	3028	8	8015
2017	4667	2894	8	7569
2018	5275	3330	12	8617
2019	5302	3481	15	8798



## Major causes of death during 2001-2019:

The following table shows the number of deaths due to heart attack and related heart diseases during 2001-2019 as compared to institutional deaths:

### Statement No 3.6: Institutional deaths due to heart attack and related heart diseases:

Year	No. of Deaths due to heart attack	No. of Deaths in Hospitals	Hospitals deaths (in % age)
2001	8136	6960	85.55
2002	11892	7266	61.1
2003	11721	9577	81.71
2004	12669	9976	78.74
2005	8576	6448	75.19
2006	8836	6848	77.5
2007	15442	13476	87.27
2008	15876	12949	81.56
2009	16158	13904	86.05
2010	8236	8215	99.75
2011	10694	8435	78.88
2012	11724	9420	80.35
2013	11522	9617	83.47
2014	10880	9455	86.9
2015	12680	11875	93.65
2016	16665	15919	95.52
2017	17840	17203	96.43
2018	20169	19445	96.41
2019	20201	18621	92.18

During the period 2001-2019, 249917 deaths (162267 male, 87643 female and 7 others) in Delhi were due to heart attack and heart related diseases. Out of this 215609 (86.27%) were occurred in hospitals. The maximum numbers of 20201 deaths were reported in 2019 and the minimum numbers of 8136 deaths were reported in 2001.

It is observed that out of total deaths due to heart diseases during 2001-2019 the proportion of institutional deaths varied between 61.10% to 99.75%. The maximum number of 19445 institutional deaths due to heart diseases was reported in 2018 whereas the lowest number of 6448 institutional deaths was reported in 2005.

Age group wise & Sex wise breakup of institutional deaths due to heart attack/diseases during 2001-2019 may be seen in the statement No. 3.7:

### Statement No 3.7: Distribution of Institutional Deaths due to heart attack/diseases by sex & age group:

Age Group (in years)	Male	%age	Female	%age	Total	%age
14 and below	8220	6.04	5117	6.43	13337	6.18
15-24	6466	4.75	4567	5.75	11033	5.12
25-44	25074	18.42	13088	16.46	38162	17.70
45-64	53342	39.19	27008	33.98	80350	37.27
65 & above	42384	31.14	29280	36.84	71664	33.24
Not stated	630	0.46	426	0.54	1056	0.49
<b>Total</b>	<b>136116</b>	<b>100.00</b>	<b>79486</b>	<b>100.00</b>	<b>215602*</b>	<b>100.00</b>

\* The figure 215602 excludes 7 cases of others.

The institutional deaths due to heart attack/ diseases are the maximum in the age group of 45-64 years followed by 65 years & above age group and 25 to 44 years age group. During 2001-2019, 80350 persons died due to heart attack in the age group of 45 to 64 years, 71664 in the age group of 65 years & above and 38162 in the age group of 25 to 44 years.

Sex group wise analysis reflect that in case of male the deaths due to heart attack/ diseases are maximum in the age group of 45-64 years whereas in female it is maximum in the age group of 65 years and above. The analysis indicates that in the age group of 45-64 years number of male deaths due to heart attack/ diseases is approximately double of female deaths. Approx. 39% of the total male deaths due to heart attack/ diseases deaths in males occur in the age group of 45-64 years.

### **Institutional deaths due to Pneumonia:**

The following table shows the total deaths due to pneumonia and out of these numbers of deaths occurred in hospitals in Delhi during the period 2001-2019:

#### **No 3.8: Institutional deaths due to Pneumonia:**

<b>Year</b>	<b>No. of Deaths due to Pneumonia</b>	<b>No. of Deaths in Hospitals</b>	<b>Hospitals deaths (in% age)</b>
2001	1205	1200	99.58
2002	2250	1956	86.93
2003	2182	1753	80.34
2004	1234	1119	90.68
2005	1503	1294	86.09
2006	868	810	93.37
2007	879	818	93.06
2008	1539	1357	88.17
2009	1593	1449	90.96
2010	2201	2185	99.27
2011	1598	1581	98.94
2012	1613	1595	98.88
2013	1547	1539	99.48
2014	1441	1438	99.79
2015	1950	1943	99.64
2016	1989	1959	98.49
2017	1649	1643	99.64
2018	2051	2049	99.90
2019	2156	2145	99.49

The analysis of data reveals that the maximum number of 2250 deaths due to pneumonia was reported in 2002 and the minimum number of 868 deaths was reported in 2006.

The institutional deaths out of total deaths due to pneumonia varied between 80.34% to 99.90% during the 2001- 2019. The maximum number of 2185 institutional deaths due to pneumonia was reported in 2010 whereas the lowest number of 810 institutional deaths was reported in 2006.

Age group wise & Sex wise occurrence of institutional deaths due to pneumonia during 2001-2019 may be seen in the following table:

**Statement No 3.9: Distribution of Institutional Deaths due to Pneumonia by sex & age group:**

Age Group (in years)	Male	%age	Female	%age	Total	%age
<b>14 and below</b>	6509	36.05	4614	39.18	11123	37.29
<b>15-24</b>	1105	6.12	971	8.25	2076	6.96
<b>25-44</b>	2533	14.03	1474	12.52	4007	13.43
<b>45-64</b>	3925	21.74	2209	18.76	6134	20.56
<b>65 &amp; above</b>	3856	21.35	2431	20.64	6287	21.07
<b>Not stated</b>	128	0.71	77	0.65	205	0.69
<b>Total</b>	<b>18056</b>	<b>100.00</b>	<b>11776</b>	<b>100.00</b>	<b>29832</b>	<b>100.00</b>

The institutional deaths due to pneumonia are the maximum in the age group of 14 years and below followed by 65 & above age group and 45-64 years age group. During the 2001-2019, 11123 persons died of pneumonia in the age group of 14 years and below, 6287 in the age group of 65 years & above and 6134 in the age group of 45-64 years.

The sexwise analysis of deaths due to pneumonia reflects that maximum deaths were in the age group of 14 years and below in case of both i.e. males and females. Evidently, the statement 3.9 indicates that out of total institutional deaths due to Pneumonia, approx. 37% deaths were in the age group of 14 years and below.

**Institutional deaths due to Tuberculosis:**

The following table shows the total deaths due to tuberculosis and out of these numbers of deaths occurred in hospitals in Delhi during the period 2001-2019:

**Statement No 3.10: Institutional deaths due to Tuberculosis:**

Year	No. of Deaths due to Tuberculosis	No. of Deaths in Hospitals	Hospitals deaths (in %age)
2001	1881	1473	78.31
2002	4683	3554	75.89
2003	4924	3597	73.05
2004	2315	1987	85.83
2005	3618	3279	90.63
2006	3510	3064	87.29
2007	2516	2018	80.21
2008	2632	2139	81.27
2009	2558	2251	87.99
2010	3446	3065	88.94
2011	3968	3603	90.80
2012	3496	3118	89.19
2013	3662	3239	88.45
2014	4930	4350	88.24
2015	4265	3635	85.23
2016	4448	3733	83.93
2017	4131	3656	88.50
2018	4315	3834	88.85
2019	4510	3935	87.25

The analysis of data reveals that the maximum number of 4930 deaths due to tuberculosis was reported in 2014 and the minimum number of 1881 deaths was reported in 2001.

The institutional deaths due to tuberculosis varied between 73.05% to 90.80% during the years 2001-2019. The maximum numbers of 4350 institutional deaths due to tuberculosis were reported in 2014 whereas the lowest numbers of 1473 institutional deaths were reported in 2001.

Age group-wise & Sex wise occurrence of institutional deaths due to tuberculosis during 2001-2019 may be seen in the following table:

**Statement No 3.11: Distribution of Institutional Deaths due to tuberculosis by sex & age group**

Age Group (in years)	Male	%age	Female	%age	Total	%age
<b>14 and below</b>	2019	5.14	2160	10.67	4179	7.02
<b>15-24</b>	3944	10.04	4559	22.51	8503	14.28
<b>25-44</b>	12564	31.98	6018	29.72	18582	31.21
<b>45-64</b>	14242	36.26	4888	24.14	19130	32.14
<b>65 &amp; above</b>	6353	16.18	2522	12.46	8875	14.91
<b>Not stated</b>	159	0.40	102	0.50	261	0.44
<b>Total</b>	<b>39281</b>	<b>100.00</b>	<b>20249</b>	<b>100.00</b>	<b>59530</b>	<b>100.00</b>

The institutional deaths due to tuberculosis are maximum in the age group of 45-64 years followed by 25-44 years age group and 65 years and above age group. During 2001-2019, 19130 persons died of tuberculosis in the age group of 45-64 years, 18582 in the age group of 25-44 years and 8875 in the age group of 65 years and above.

The sex groupwise analysis shows that out of total male deaths due to tuberculosis the maximum (36.26%) are in the age group of 45-64 years whereas in females it is maximum (29.72%) in the age group of 25-44 years. It is observed that the occurrence of tuberculosis in males in the age group of 45-64 years is approx. triple than that of tuberculosis in females in this age group.

**Institutional deaths due to Cancer:**

The following table shows the total deaths due to cancer and out of these numbers of deaths occurred in hospitals in Delhi during the period 2001-2019:

**Statement No 3.12: Institutional deaths due to Cancer:**

Year	No. of Deaths due to Cancer	No. of Deaths in Hospitals	Hospitals Deaths (in% age)
2001	1117	977	87.47
2002	1552	871	56.12
2003	1489	948	63.67
2004	1533	1093	71.3
2005	2009	1545	76.9
2006	2060	1471	71.41
2007	2597	1911	73.58
2008	3070	2204	71.79
2009	3936	3227	81.99
2010	5728	5436	94.9
2011	9925	9266	93.36
2012	6444	5772	89.57
2013	5570	4109	73.77
2014	5686	5479	96.36
2015	4994	4666	93.43
2016	5742	4812	83.80
2017	5281	5162	97.75
2018	6514	6396	98.19
2019	6353	5815	91.53

The analysis of data reveals that the maximum number of 9925 deaths due to cancer were reported in 2011 and the minimum number of 1117 deaths were reported in 2001.

The institutional deaths due to cancer varied between 56.12% to 98.19% during 2001-2019. The maximum number of 9266 institutional deaths due to cancer were reported in 2011 whereas the lowest number of 871 institutional deaths were reported in 2002.

Age group wise & sexwise occurrence of institutional deaths due to cancer during the period 2001-2019 may be seen in the following table:

**Statement No 3.13: Distribution of Institutional Deaths due to Cancer by sex & age group**

Age Group (in years)	Male	%age	Female	%age	Total	%age
<b>14 and below</b>	3998	9.35	2265	7.98	6263	8.80
<b>15-24</b>	3112	7.28	1537	5.42	4649	6.53
<b>25-44</b>	8430	19.71	6285	22.14	14715	20.68
<b>45-64</b>	16914	39.54	12175	42.89	29089	40.88
<b>65 &amp; above</b>	10066	23.53	5970	21.03	16036	22.54
<b>Not stated</b>	252	0.59	153	0.54	405	0.57
<b>Total</b>	<b>42772</b>	<b>100.00</b>	<b>28385</b>	<b>100.00</b>	<b>71157</b>	<b>100.00</b>

The institutional deaths due to cancer are the maximum in the age group of 45-64 years followed by 65 years and above age group and 25-44 years age group. During 2001-2019, out of total deaths due to cancer, the maximum (40.88%) deaths were occurred in the age group of 45-64 years, 22.54% deaths in the age group of 65 years & above and 20.68% deaths in the age group of 25-44 years.



The sex and age groupwise analysis shows that out of total deaths due to cancer, in case of both i.e. the males & females the maximum deaths are in the age group of 45-64 years.

**Institutional deaths due to Diabetic Mellitus:**

The following table shows the total deaths due to diabetic mellitus and out of these number of deaths occurred in hospitals in Delhi during the period 2001-2019:

**Statement No 3.14: Institutional deaths due to Diabetic Mellitus:**

Year	No. of Deaths due to Diabetic Mellitus	No. of Deaths in Hospitals	Hospitals Deaths (in %age)
2001	620	566	91.29
2002	657	591	89.95
2003	757	640	84.54
2004	782	640	81.84
2005	1133	1052	92.85
2006	5296	5118	96.64
2007	3920	3761	95.94
2008	4626	3986	86.17
2009	4671	4451	95.29
2010	1379	1267	91.88
2011	1642	1528	93.06
2012	1623	1518	93.53
2013	2025	1921	94.86
2014	1859	1762	94.78
2015	1459	1356	92.94
2016	2638	2557	96.93
2017	2615	2561	97.93
2018	2286	2205	96.46
2019	1834	1656	90.29

It is observed that the maximum number of 5296 deaths were reported in 2006 and the minimum number of 620 deaths were reported in 2001. The institutional deaths due to diabetic mellitus varied between 81.84% to 97.93% during the years 2001-2019.

Age group wise & sex wise occurrence of institutional deaths due to Diabetic Mellitus during 2001-2019 may be seen in the following table:-

**Statement No 3.15: Distribution of Institutional Deaths due to Diabetic Mellitus by sex & age group:**

Age Group (in years)	Male	%age	Female	%age	Total	%age
14 and below	2379	10.88	1724	9.99	4103	10.48
15-24	785	3.59	654	3.79	1439	3.68
25-44	2415	11.04	1927	11.16	4342	11.09
45-64	8756	40.03	6648	38.51	15404	39.36
65 & above	7483	34.21	6264	36.29	13747	35.13
Not stated	56	0.25	45	0.26	101	0.26
<b>Total</b>	<b>21874</b>	<b>100.00</b>	<b>17262</b>	<b>100.00</b>	<b>39136</b>	<b>100.00</b>

The institutional deaths due to diabetic mellitus are the maximum in the age group 45-64 years followed by 65 years & above age group. During 2001-2019, out of total institutional deaths due to diabetic mellitus, the maximum (39.36%) deaths were in the age group of 45-64 years and 35.13% deaths in the age group of 65 years & above. From the statement 3.15, it is observed that the proportion of deaths due to diabetic mellitus in the age group of 14 years and below is higher than the deaths in the age group of 15-24 years.

The sex wise analysis reflect that the maximum (40.03%) males deaths due to diabetic mellitus are in the age group of 45-64 years and for females also it is maximum with 38.51% in the same age group.

#### **Institutional Burns deaths by Age and Sex:**

The sex wise and age groupwise number of institutional deaths due to burns during the period 2001-2019 are given in the following table:-

**Statement No 3.16: Distribution of Medically Certified Deaths Due to Burns by Sex and Age Group:-**

Year	14 years and below		15-24 Years		25-44 Years		45-64 Years		65 & Above		Not Stated		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	Total Male	Total Female	Total
2001	81	85	119	224	191	334	47	45	45	58	-	-	483	746	1229
2002	27	33	57	100	84	132	28	24	32	58	-	-	228	347	575
2003	32	35	37	45	54	132	28	24	32	58	-	-	183	294	477
2004	44	37	69	158	122	155	33	18	4	4	-	-	272	372	644
2005	76	65	104	207	177	229	73	60	31	42	-	-	461	603	1064
2006	57	52	114	149	193	180	68	39	20	10	-	-	452	430	882
2007	65	44	64	166	148	209	40	37	12	17	-	-	329	473	802
2008	20	36	57	158	146	194	111	45	48	28	-	-	382	461	843
2009	40	48	98	169	172	251	58	38	10	16	-	-	378	522	900
2010	66	49	142	248	228	385	85	62	14	19	-	-	535	763	1298
2011	48	55	145	280	238	398	70	50	11	29	-	-	512	812	1324
2012	94	75	136	286	254	411	68	57	17	24	-	-	569	853	1422
2013	87	58	118	277	207	318	74	57	11	25	-	-	497	735	1232
2014	106	81	127	241	241	308	76	75	22	33	-	-	572	738	1310
2015	92	84	121	162	236	338	76	68	22	40	-	-	547	692	1239
2016	69	83	116	209	195	284	67	68	18	35	14	22	479	701	1180
2017	61	67	97	134	159	187	68	63	18	38	13	9	416	498	914
2018	64	42	73	124	152	202	65	60	17	27	8	9	379	464	843
2019	69	52	80	107	127	216	50	56	18	37	0	0	344	468	812
<b>Total</b>	<b>1198</b>	<b>1081</b>	<b>1874</b>	<b>3444</b>	<b>3324</b>	<b>4863</b>	<b>1185</b>	<b>946</b>	<b>402</b>	<b>598</b>	<b>35</b>	<b>40</b>	<b>8018</b>	<b>10972</b>	<b>18990</b>

During the period 2001 to 2019 total burn deaths in Delhi are 18990. Out of which 8018 are male deaths and 10972 are female deaths. Obviously, the numbers of female burn deaths are much higher than that of the male burn deaths. During the period 2001 to 2019, maximum number of burn deaths i.e. 1422 was reported in the year 2012 and the least number of burn deaths i.e. 477 were reported in the year 2003.

The age-wise analysis of the deaths due to burn shows that the maximum number of burn deaths were occurred in age group of 25-44 years followed by 15-24 years and in both the age groups, the number of female deaths are much higher than the male deaths in the concerned age group. The institutional burn deaths in the age group of 25-44 years are 43.11% followed by 28% in the age group of 15-24 years.

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**-: SECTION FOUR :-**

**STATISTICAL TABLES**

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
I	CERTAIN INFECTIOUS AND PARASITIC DISEASES (A00-B99)													
I	CERTAIN INFECTIOUS AND PARASITIC DISEASES (A00-B99)	M	1127	279	306	591	806	1034	1201	1437	594	1409	85	8869
		F	782	245	360	650	542	488	569	808	363	935	68	5810
		O	1	0	0	0	3	0	0	0	0	0	0	1
1	INTESTINAL INFECTIOUS DISEASES (A00-A09)	M	42	17	7	9	8	11	14	16	8	16	0	148
		F	29	13	3	4	10	5	12	12	6	15	1	110
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Cholera (A00)	M	0	0	1	0	0	0	2	0	2	0	0	5
		F	1	0	0	0	0	0	0	0	1	0	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Typhoid and paratyphoid fevers(A01)	M	0	0	1	1	0	0	0	1	1	1	0	5
		F	0	0	0	0	1	0	3	1	1	1	0	7
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Food Poisoning (A02,A05)	M	0	1	0	0	0	1	0	2	0	0	0	4
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Shigellosis (A03)	M	2	0	0	0	0	0	1	2	0	0	0	5
		F	0	0	1	0	0	0	0	1	0	0	1	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
5	Amoebiasis (A06)	M	0	0	0	0	0	1	0	0	0	0	0	1
		F	0	0	0	1	2	0	0	0	0	1	0	4
		O	0	0	0	0	0	0	0	0	0	0	0	0
6	Diarrhoea and gastroenteritis of presumed infectious origin (A09)	M	39	16	5	7	8	8	11	11	3	11	0	119
		F	27	13	2	3	7	5	9	9	3	10	0	88
		O	0	0	0	0	0	0	0	0	0	0	0	0
7	Other intestinal infectious diseases (A04,A07-A08)	M	1	0	0	1	0	1	0	0	2	4	0	9
		F	1	0	0	0	0	0	0	1	1	3	0	6
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Tuberculosis (A15-A19)	M	33	33	51	222	362	404	461	525	170	301	9	2571
		F	17	23	106	311	228	178	148	179	73	100	1	1364
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Respiratory Tuberculosis (A15-16)	M	25	13	20	172	307	345	413	474	160	277	9	2215
		F	7	9	54	240	175	152	127	158	59	88	1	1070
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Tuberculosis of nervous system (A17)	M	5	11	20	26	28	18	13	23	5	7	0	156
		F	7	13	19	34	33	13	11	6	6	6	0	148
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1															
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019															
AGE IN YEARS															
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
3	Tuberculosis of other organs & miliary Tuberculosis (A18-A19)	M	3	9	11	24	27	41	35	28	5	17	0	200	
		F	3	1	33	37	20	13	10	15	8	6	0	146	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Other bacterial diseases (A20-A49)	M	1039	206	198	307	390	559	687	861	394	1071	75	5787	
		F	722	190	208	294	272	277	378	586	271	801	65	4064	
		O	1	0	0	0	2	0	0	0	0	0	0	1	4
1	Plague (A20)	M	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Leprosy (A30)	M	0	0	0	0	0	1	1	3	1	7	0	13	
		F	0	0	0	1	0	0	0	0	0	1	0	2	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Neontorum Tetanus (A33)	M	2	0	0	0	0	0	0	0	0	0	0	2	
		F	4	0	0	0	0	0	0	0	0	0	1	5	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Other Tetanus (A34-A35)	M	0	2	0	2	0	0	0	1	1	0	0	6	
		F	0	0	2	1	0	0	0	1	0	0	0	4	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Diphtheria (A36)	M	0	7	14	0	0	0	0	0	0	0	0	21	
		F	0	7	11	1	0	0	0	0	0	0	0	19	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Whooping cough (A37)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Meningococcal infection (A39)	M	1	1	0	1	0	0	0	0	2	2	0	7	
		F	1	0	1	0	0	0	1	0	0	0	0	3	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Septicaemia (A40-A41)	M	1034	196	184	303	388	558	683	855	388	1060	75	5724	
		F	717	183	194	291	271	276	376	584	271	799	64	4026	
		O	1	0	0	0	2	0	0	0	0	0	1	4	
9	All other types of bacterial Diseases (A21-A28,A31-A32,A38,A42-A49)	M	2	0	0	1	2	0	3	2	2	2	0	14	
		F	0	0	0	0	1	1	2	0	0	1	0	5	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Infections with a predominantly sexual mode of transmission (A50-A64)	M	0	0	0	0	0	1	0	0	0	0	1	2	
		F	0	0	0	0	0	0	0	2	0	0	0	2	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Syphilis (A50-53)	M	0	0	0	0	0	1	0	0	0	0	1	2	
		F	0	0	0	0	0	0	0	1	0	0	0	1	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0

Table -1															
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019															
AGE IN YEARS															
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
2	Other Types of infections with a predominately sexual mode of transmission (A54-A64)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	1	0	0	0	1
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Viral diseases (A70-A74 & A80-B34)	M	10	21	40	38	40	45	28	28	20	12	0	282	
		F	12	15	37	26	23	21	21	25	9	13	1	203	
		O	0	0	0	0	1	0	0	0	0	0	0	0	1
1	Acute Poliomyelitis (A80)	M	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Rabies (A82)	M	0	0	3	2	2	1	0	3	0	1	0	12	
		F	0	0	1	0	0	0	0	1	0	0	0	2	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Japanese encephalitis (A83.0)	M	0	0	2	1	0	1	1	0	0	0	0	5	
		F	0	0	1	0	1	0	1	0	1	2	0	6	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Other Viral encephalitis (A83.1-A83.9, A84-A86)	M	2	9	7	2	4	7	0	1	0	2	0	34	
		F	1	5	8	0	2	0	0	2	2	2	0	22	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Dengue fever (A90)*	M	4	6	18	13	6	7	6	7	4	1	0	72	
		F	1	4	21	18	10	6	5	6	3	4	0	78	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Other arthropod-borne viral fevers and viral haemorrhagic fevers (A91-A94, A96-A99)	M	0	0	2	2	2	2	1	0	1	0	0	10	
		F	0	1	2	1	0	1	1	0	0	1	0	7	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Smallpox (B03)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Measles (B05)	M	1	0	0	0	0	0	0	0	0	0	0	1	
		F	1	0	0	0	0	0	0	0	0	0	0	1	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Acute Hepatitis B (B16)	M	0	0	0	1	1	1	3	3	0	1	0	10	
		F	0	0	0	1	2	1	0	2	0	0	0	6	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Other viral hepatitis (B15, B17-B19)	M	0	4	5	4	5	3	5	4	6	2	0	38	
		F	0	3	2	3	0	2	8	3	2	2	0	25	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Human immunodeficiency virus (HIV) disease (B20-B24)	M	0	0	0	9	14	19	10	6	2	1	0	61	
		F	0	0	1	2	7	9	4	4	0	0	0	27	
		O	0	0	0	0	1	0	0	0	0	0	0	1	

\* Note:- Out of 150 cases of dengue, only 02 are confirmed cases of deaths in Delhi while remaining 148 cases may be either suspected or residing outside Delhi as per "Dengue Death Review Committee".

Table -1															
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019															
AGE IN YEARS															
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
12	All other types of viral diseases (A70-A74,A81, A87-A89,A95,B00-B02,B04,B06-B09 &B25-B34)	M	3	2	3	4	6	4	2	4	7	4	0	39	
		F	9	2	1	1	1	2	2	7	1	2	1	29	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Protozoal diseases (B50-B64)	M	1	1	10	12	6	10	7	4	0	3	0	54	
		F	1	4	5	12	7	3	8	2	1	2	0	45	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
1	*Malaria (B50-B54)	M	1	1	8	12	6	10	7	4	0	2	0	51	
		F	1	4	5	12	7	3	7	2	1	2	0	44	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
2	All other types of protozoal disease (B55-B64)	M	0	0	2	0	0	0	0	0	0	1	0	3	
		F	0	0	0	0	0	0	1	0	0	0	0	1	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Other certain infectious and parasitic diseases & late effect of infectious and parasitic diseases (A65-A69 & A75-A79, B35-B49&B65-B99)	M	2	1	0	3	0	4	4	3	2	6	0	25	
		F	1	0	1	3	2	4	2	2	3	4	0	22	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Filariasis (B74)	M	0	0	0	0	0	0	0	1	0	0	0	1	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Other helminthiasis (B65-B73,B75,B77-B83)	M	0	0	0	0	0	1	0	0	0	0	0	1	
		F	1	0	0	1	0	0	0	0	1	1	0	4	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Other spirochaetal diseases and Rickettsioses (A65-A69 & A75-A79)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	1	1	0	0	0	0	0	0	0	2	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
4	All other infectious and parasitic diseases & late effects of infectious and parasitic diseases (B35-B49,B76,B85-B99)	M	2	1	0	3	0	3	4	2	2	6	0	23	
		F	0	0	0	1	2	4	2	2	2	3	0	16	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
II	NEOPLASMS(C00-D48)	M	16	60	137	189	233	326	589	864	363	551	1	3329	
		F	11	36	73	92	182	380	568	542	253	346	2	2485	
		O	0	0	0	0	0	1	0	0	0	0	0	1	
8	Malignant neoplasms of lip. Oral cavity cavity and pharynx (C00-C14)	M	0	0	3	3	19	48	78	85	22	27	0	285	
		F	0	1	0	3	4	7	13	16	6	4	0	54	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0

\* Note:- All 95 cases of deaths due to Malaria may be either suspected or residing outside Delhi as no death was declared in Delhi due to Malaria as per "Dengue Death Review Committee".



Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	0	0	3	3	19	48	78	85	22	27	0	285
		F	0	1	0	3	4	7	13	16	6	4	0	54
		O	0	0	0	0	0	0	0	0	0	0	0	0
9	Malignant neoplasms of digestive organs (C15-C26)	M	0	0	1	9	27	50	106	154	55	71	1	474
		F	0	1	0	6	31	65	124	121	48	75	1	472
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Malignant neoplasm of oesophagus (C15)	M	0	0	0	1	2	4	27	40	12	20	0	106
		F	0	0	0	0	3	5	13	17	7	10	0	55
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Malignant neoplasm of stomach (C16)	M	0	0	1	1	2	6	11	20	6	11	0	58
		F	0	0	0	0	4	11	6	12	2	11	0	46
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Malignant neoplasm of small intestine including deodenum (C17)	M	0	0	0	1	1	2	0	2	0	1	0	7
		F	0	0	0	0	0	1	0	1	0	1	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Malignant neoplasm of colon (C18)	M	0	0	0	1	4	8	8	11	4	3	0	39
		F	0	0	0	3	2	6	10	9	6	9	0	45
		O	0	0	0	0	0	0	0	0	0	0	0	0
5	Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal (C19-C21)	M	0	0	0	4	4	7	7	6	5	6	0	39
		F	0	0	0	2	12	3	4	5	1	0	0	27
		O	0	0	0	0	0	0	0	0	0	0	0	0
6	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	M	0	0	0	0	5	9	10	19	5	9	1	58
		F	0	1	0	0	1	5	10	9	7	8	1	42
		O	0	0	0	0	0	0	0	0	0	0	0	0
7	Malignant neoplasm of pancreas (C25)	M	0	0	0	1	1	1	9	12	11	9	0	44
		F	0	0	0	0	0	0	9	12	4	12	0	37
		O	0	0	0	0	0	0	0	0	0	0	0	0
8	Other malignant neoplasms of digestive organs (C23-C24, C26)	M	0	0	0	0	8	13	34	44	12	12	0	123
		F	0	0	0	1	9	34	72	56	21	24	0	217
		O	0	0	0	0	0	0	0	0	0	0	0	0
10	Malignant neoplasm of respiratory and intrathoracic organs (C30-C39)	M	0	0	0	9	11	37	111	182	78	85	0	513
		F	1	0	0	1	5	26	28	47	19	21	0	148
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Malignant neoplasm of larynx (C32)	M	0	0	0	1	0	7	12	18	4	11	0	53
		F	0	0	0	0	0	0	0	1	1	2	0	4
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2	Malignant neoplasm of trachea, bronchus and lung (C33-C34)	M	0	0	0	7	10	29	96	159	70	68	0	439
		F	0	0	0	1	5	26	27	44	17	17	0	137
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Other malignant neoplasm of respiratory and intrathoracic organs (C30-C31, C37-C39)	M	0	0	0	1	1	1	3	5	4	6	0	21
		F	1	0	0	0	0	0	1	2	1	2	0	7
		O	0	0	0	0	0	0	0	0	0	0	0	0
11	<b>Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)</b>	<b>M</b>	<b>1</b>	<b>1</b>	<b>9</b>	<b>11</b>	<b>6</b>	<b>7</b>	<b>13</b>	<b>13</b>	<b>7</b>	<b>7</b>	<b>0</b>	<b>75</b>
		<b>F</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>6</b>	<b>38</b>	<b>86</b>	<b>93</b>	<b>79</b>	<b>33</b>	<b>35</b>	<b>1</b>	<b>380</b>
		<b>O</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1	Malignant neoplasm of bone & articular cartilage (C40-C41)	M	0	0	5	7	1	5	4	1	0	1	0	24
		F	0	0	5	1	4	2	0	2	0	0	0	14
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Malignant melanoma of skin (C43)	M	0	0	0	0	0	1	0	2	0	2	0	5
		F	0	0	0	0	0	0	2	1	0	0	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Other malignant neoplasms of skin (C44)	M	0	0	0	0	1	1	5	4	2	1	0	14
		F	0	0	0	1	0	0	2	0	0	0	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Malignant neoplasms of mesothelial and soft tissue (C45-C49)	M	1	1	4	4	4	0	2	6	3	2	0	27
		F	1	1	2	1	1	2	0	0	1	0	1	10
		O	0	0	0	0	0	0	0	0	0	0	0	0
5	Malignant neoplasm of breast (C50)	M	0	0	0	0	0	0	2	0	2	1	0	5
		F	0	0	0	3	33	82	89	76	32	35	0	350
		O	0	0	0	0	0	0	0	0	0	0	0	0
12	<b>Malignant neoplasms of genitourinary organs (C51-C68)</b>	<b>M</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>12</b>	<b>20</b>	<b>53</b>	<b>23</b>	<b>73</b>	<b>0</b>	<b>194</b>
		<b>F</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>15</b>	<b>61</b>	<b>87</b>	<b>80</b>	<b>32</b>	<b>42</b>	<b>0</b>	<b>325</b>
		<b>O</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1	Malignant neoplasm of cervix uteri (C53)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	3	24	40	25	17	18	0	127
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Malignant neoplasm of other and unspecified parts of uterus (C54-C55)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	1	1	4	6	2	4	0	18
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Malignant neoplasm of ovary (C56)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	2	2	10	32	39	41	6	14	0	146
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Malignant neoplasm of placenta (C58)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	1	0	0	0	0	0	0	1
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
5	Other malignant neoplasms of female genital organs (C51-C52,C57)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	1	0	1	3	5	2	3	0	15
		O	0	0	0	0	0	0	0	0	0	0	0	0
6	Malignant neoplasm of prostate (C61)	M	0	0	0	0	0	1	9	20	11	42	0	83
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
7	Other malignant neoplasms of male genital organs (C60,C62-C63)	M	0	0	0	4	1	5	4	9	2	5	0	30
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
8	Malignant neoplasm of bladder (C67)	M	0	0	0	0	1	2	5	17	7	20	0	52
		F	0	0	0	0	0	0	1	3	3	2	0	9
		O	0	0	0	0	0	0	0	0	0	0	0	0
9	Other malignant neoplasms of urinary tract (C64-C66,C68)	M	0	4	2	0	1	4	2	7	3	6	0	29
		F	0	2	0	1	0	3	0	0	2	1	0	9
		O	0	0	0	0	0	0	0	0	0	0	0	0
13	Malignant neoplasms of eye, brain and other parts of central nervous system (C69-C72)	M	0	9	6	10	6	9	11	7	8	5	0	71
		F	0	3	8	3	5	5	6	4	0	2	0	36
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Malignant neoplasm of eye & adnexa (C69)	M	0	3	0	1	0	0	0	1	0	1	0	6
		F	0	3	0	0	0	0	0	0	0	0	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Malignant neoplasm of meninges, brain and other parts of central nervous system (C70-C72)	M	0	6	6	9	6	9	11	6	8	4	0	65
		F	0	0	8	3	5	5	6	4	0	2	0	33
		O	0	0	0	0	0	0	0	0	0	0	0	0
14	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	M	2	6	12	10	10	25	40	121	68	111	0	405
		F	1	4	2	3	11	26	60	69	48	65	0	289
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites (C73-C80 & C97)	M	2	6	12	10	10	25	40	121	68	111	0	405
		F	1	4	2	3	11	26	60	69	48	65	0	289
		O	0	0	0	0	0	0	0	0	0	0	0	0
15	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	M	4	38	91	108	103	70	86	97	32	48	0	677
		F	2	19	45	53	56	59	62	41	21	23	0	381
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Hodgkin lymphoma (C81)	M	0	0	2	2	1	2	2	7	1	2	0	19
		F	0	0	3	3	1	5	2	5	0	2	0	21
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Non-Hodgkin lymphoma (C82-C85)	M	0	4	20	27	24	15	15	25	7	7	0	144
		F	0	2	5	7	5	14	10	8	4	5	0	60
		O	0	0	0	0	0	0	0	0	0	0	0	0

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DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
3	Multiple myeloma and malignant plasms cell neoplasms (C90)	M	0	1	0	2	0	3	18	23	5	16	0	68
		F	0	1	2	0	0	2	8	6	5	6	0	30
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Leukaemia (C91-C95)	M	4	33	69	77	78	50	51	40	19	22	0	443
		F	2	16	35	43	50	38	41	22	11	9	0	267
		O	0	0	0	0	0	0	0	0	0	0	0	0
5	Other malignant neoplasms of lymphoid, haematopoietic and related tissue (C88 & C96)	M	0	0	0	0	0	0	0	2	0	1	0	3
		F	0	0	0	0	0	0	1	0	1	1	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
16	Carcinoma in situ(D00-D09)	M	1	0	1	2	5	12	29	37	16	49	0	152
		F	1	0	0	0	5	12	29	28	13	23	0	111
		O	0	0	0	0	0	1	0	0	0	0	0	1
1	Carcinoma in situ (D00-D09)	M	1	0	1	2	5	12	29	37	16	49	0	152
		F	1	0	0	0	5	12	29	28	13	23	0	111
		O	0	0	0	0	0	1	0	0	0	0	0	1
17	Benign neoplasms (D10-D36)	M	1	0	3	5	13	8	24	30	5	18	0	107
		F	1	1	1	4	7	8	22	11	2	10	0	67
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Leiomyoma of uterus (D25)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	1	0	0	0	0	1
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	All other benign neoplasms (D10-D24, D26-D36)	M	1	0	3	5	13	8	24	30	5	18	0	107
		F	1	1	1	4	7	8	21	11	2	10	0	66
		O	0	0	0	0	0	0	0	0	0	0	0	0
18	Other & Unspecified neoplasm (D37-D48)	M	7	2	9	18	30	48	71	85	49	57	0	376
		F	4	4	8	9	5	25	44	46	31	46	0	222
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Other and unspecified neoplasm (D37-D48)	M	7	2	9	18	30	48	71	85	49	57	0	376
		F	4	4	8	9	5	25	44	46	31	46	0	222
		O	0	0	0	0	0	0	0	0	0	0	0	0
III	Diseases of the Blood & blood forming organs and certain disorders involving the immune mechanism (D50-D89)	M	25	20	55	60	46	51	49	37	12	32	0	387
		F	9	17	26	51	55	35	27	30	17	21	0	288
		O	0	0	0	0	0	0	0	0	0	0	0	0
19	Diseases of the Blood & blood forming organs and certain disorders involving the immune mechanism (D50-D89)	M	25	20	55	60	46	51	49	37	12	32	0	387
		F	9	17	26	51	55	35	27	30	17	21	0	288
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Thalassaemia (D56)	M	0	0	0	1	0	1	0	0	0	0	0	2
		F	0	1	0	1	1	0	0	0	0	0	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Other anaemias (D50-D55,D57-D64)	M	17	11	45	46	33	36	34	24	7	20	0	273
		F	6	8	19	37	39	25	19	20	14	10	0	197
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	All other diseases of blood and blood- forming organs (D65-D76)	M	8	9	9	13	13	14	15	13	4	12	0	110
		F	3	7	7	13	15	10	8	10	3	10	0	86
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Certain disorders involving the immune mechanism (D80-D89)	M	0	0	1	0	0	0	0	0	1	0	0	2
		F	0	1	0	0	0	0	0	0	0	1	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
IV	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES (E00-E90)	M	52	30	33	28	43	104	235	305	163	236	13	1242
		F	37	23	17	39	32	84	182	244	126	285	5	1074
		O	0	0	0	0	0	0	0	0	0	0	0	0
20	Malnutrition (E40-E46)	M	42	21	19	0	0	0	0	0	1	0	13	96
		F	27	17	8	0	1	0	0	0	0	0	5	58
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Kwashiorkor (E40)	M	0	0	0	0	0	0	0	0	1	0	0	1
		F	0	0	0	0	1	0	0	0	0	0	0	1
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Nutritional marasmus (E41)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Other protein-energy malnutrition (E42-E46)	M	42	21	19	0	0	0	0	0	0	0	13	95
		F	27	17	8	0	0	0	0	0	0	0	5	57
		O	0	0	0	0	0	0	0	0	0	0	0	0
21	Endocrine, other nutritional & metabolic diseases (E00-E34 & E50-E89)	M	10	9	14	28	43	104	235	305	162	236	0	1146
		F	10	6	9	39	31	84	182	244	126	285	0	1016
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Disorders of thyroid gland (E00-E07)	M	0	0	1	1	1	0	0	2	0	0	0	5
		F	0	0	0	3	1	6	6	4	0	6	0	26
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Diabetes mellitus (E10-E14)	M	0	1	4	6	16	62	165	266	133	208	0	861
		F	0	2	3	11	14	50	146	215	113	241	0	795
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
3	All other nutritional deficiencies (E50-E64)	M	0	0	1	1	1	0	1	0	0	0	0	4
		F	1	0	0	0	1	0	0	1	0	0	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	All other endocrine and metabolic diseases (E15-E34 & E65-E90)	M	10	8	8	20	25	42	69	37	29	28	0	276
		F	9	4	6	25	15	28	30	24	13	38	0	192
		O	0	0	0	0	0	0	0	0	0	0	0	0
V	Mental and Behavioural disorders (F01-F99)	M	0	1	3	3	5	3	5	2	2	3	0	27
		F	2	2	0	2	1	1	3	0	0	8	0	19
		O	0	0	0	0	0	0	0	0	0	0	0	0
22	Mental and Behavioural disorders (F01-F99)	M	0	1	3	3	5	3	5	2	2	3	0	27
		F	2	2	0	2	1	1	3	0	0	8	0	19
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Mental and behavioural disorders due to psychoactive substance use (F10-F19)	M	0	0	0	3	2	3	2	2	2	1	0	13
		F	0	0	0	0	0	0	0	0	0	0	2	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Schizophrenia, schizotypal & delusional disorders (F20-F29)	M	0	0	1	0	1	0	2	0	0	0	0	4
		F	2	1	0	0	1	0	0	0	0	1	0	5
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	All other mental and behavioural disorders (F01-F09, F30-F99)	M	0	1	2	0	2	0	1	0	1	3	0	10
		F	0	1	0	2	0	1	3	0	0	5	0	12
		O	0	0	0	0	0	0	0	0	0	0	0	0
VI	Diseases of the Nervous System (G00-G98)	M	104	68	92	91	121	96	149	151	54	93	1	1020
		F	60	42	70	77	52	48	78	89	41	83	2	642
		O	0	0	0	0	0	0	0	0	0	0	0	0
23	Inflammatory diseases of the central nervous system (G00 - G09)	M	76	32	29	30	40	27	44	33	14	21	1	347
		F	50	29	35	27	19	15	14	23	5	25	2	244
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Meningitis (G00 & G03)	M	49	10	11	8	15	12	20	12	4	10	1	152
		F	31	15	16	16	8	7	6	8	0	12	1	120
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Encephalitis, myelitis and encephalomyelitis (G04)	M	27	22	16	17	15	7	17	14	8	10	0	153
		F	19	14	18	9	8	7	5	13	4	13	1	111
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Other inflammatory diseases of the central nervous system (G06, G08-G09)	M	0	0	2	5	10	8	7	7	2	1	0	42
		F	0	0	1	2	3	1	3	2	1	0	0	13
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
24	Other diseases of the Nervous system (G10-G98)	M	28	36	63	61	81	69	105	118	40	72	0	673
		F	10	13	35	50	33	33	64	66	36	58	0	398
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Alzheimer disease (G30)	M	0	0	0	1	0	0	0	2	0	0	0	3
		F	0	0	1	0	0	0	0	0	1	3	0	5
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Epilepsy (G40-G41)	M	5	3	10	5	4	5	11	5	1	1	0	50
		F	0	3	4	8	3	4	2	3	0	0	0	27
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	All other diseases of the nervous system (G10-G25, G31, G35-G37,G43-G98)	M	23	33	53	55	77	64	94	111	39	71	0	620
		F	10	10	30	42	30	29	62	63	35	55	0	366
		O	0	0	0	0	0	0	0	0	0	0	0	0
VII	Diseases of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	1	0	0	0	1	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
25	Diseases of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	1	0	0	0	1	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Diseases of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	1	0	0	0	1	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
VIII	Diseases of the ear and mastoid process (H60-H95)	M	0	0	0	0	0	0	0	0	0	1	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
26	Diseases of the ear and mastoid process (H60-H95)	M	0	0	0	0	0	0	0	0	0	1	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
IX	Diseases of the circulatory system (I00-I99)	M	174	92	113	470	785	1331	2131	2756	1157	2586	11	11606
		F	117	56	101	347	460	596	1100	1553	726	1951	7	7014
		O	0	0	0	0	0	0	0	1	0	0	0	1
27	Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	M	5	7	12	38	48	76	97	159	68	132	0	642
		F	8	6	7	32	54	68	74	101	29	154	0	533
		O	0	0	0	0	0	0	0	1	0	0	0	1

<b>Table -1</b>														
<b>DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019</b>														
<b>AGE IN YEARS</b>														
<b>SL. No.</b>	<b>NAME OF THE DISEASE</b>	<b>SEX</b>	<b>&lt;1</b>	<b>1-4</b>	<b>5-14</b>	<b>15-24</b>	<b>25-34</b>	<b>35-44</b>	<b>45-54</b>	<b>55-64</b>	<b>65-69</b>	<b>&gt;=70</b>	<b>NOT STATED</b>	<b>TOTAL</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>	<b>(7)</b>	<b>(8)</b>	<b>(9)</b>	<b>(10)</b>	<b>(11)</b>	<b>(12)</b>	<b>(13)</b>	<b>(14)</b>	<b>(15)</b>
1	Acute rheumatic fever (I00-I02)	M	1	4	3	14	16	26	46	112	44	96	0	362
		F	5	2	4	6	19	17	32	49	18	115	0	267
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Chronic rheumatic heart diseases (I05-I09)	M	4	3	9	24	32	50	51	47	24	36	0	280
		F	3	4	3	26	35	51	42	52	11	39	0	266
		O	0	0	0	0	0	0	0	0	1	0	0	0
28	Hypertensive disease (I10 - I15)	M	17	7	17	215	365	568	844	986	362	792	3	4176
		F	8	4	19	157	250	262	493	660	282	625	1	2761
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Hypertensive heart disease (I11)	M	17	7	17	204	335	503	725	853	309	684	3	3657
		F	8	4	18	152	237	236	421	564	237	524	0	2401
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	All other hypertensive diseases (I10, I12-I15)	M	0	0	0	11	30	65	119	133	53	108	0	519
		F	0	0	1	5	13	26	72	96	45	101	1	360
		O	0	0	0	0	0	0	0	0	0	0	0	0
29	Ischaemic heart diseases (I20-I25)	M	23	4	5	24	74	186	379	625	285	710	1	2316
		F	16	6	9	23	27	57	145	265	150	473	0	1171
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Acute myocardial infarction (I21-I22)	M	3	3	3	3	18	45	82	157	64	128	1	507
		F	1	2	3	8	8	16	33	64	34	100	0	269
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	All other ischaemic heart diseases (I20 & I23-I25)	M	20	1	2	21	56	141	297	468	221	582	0	1809
		F	15	4	6	15	19	41	112	201	116	373	0	902
		O	0	0	0	0	0	0	0	0	0	0	0	0
30	Diseases of pulmonary circulation and other forms of heart disease (I26- I58)	M	121	66	67	151	209	318	434	564	265	503	5	2703
		F	75	37	54	105	94	137	230	315	141	366	6	1560
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Pulmonary heart disease and diseases (I26-I28)	M	44	35	26	69	98	138	186	226	94	219	4	1139
		F	32	21	21	42	40	69	79	109	63	137	5	618
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Other forms of heart diseases (I30-I58)	M	77	31	41	82	111	180	248	338	171	284	1	1564
		F	43	16	33	63	54	68	151	206	78	229	1	942
		O	0	0	0	0	0	0	0	0	0	0	0	0
31	Cerebrovascular diseases (I60-I69)	M	4	6	11	36	79	157	321	351	130	307	1	1403
		F	6	3	9	29	29	60	134	168	94	232	0	764
		O	0	0	0	0	0	0	0	0	0	0	0	0



Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Cerebrovascular diseases (I60-I69)	M	4	6	11	36	79	157	321	351	130	307	1	1403
		F	6	3	9	29	29	60	134	168	94	232	0	764
		O	0	0	0	0	0	0	0	0	0	0	0	0
32	Other diseases of the circulatory system (I70-I99)	M	4	2	1	6	10	26	56	71	47	142	1	366
		F	4	0	3	1	6	12	24	44	30	101	0	225
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Atherosclerosis (I70)	M	0	0	0	0	0	1	2	5	1	9	0	18
		F	0	0	0	0	0	1	2	2	1	2	0	8
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Arterial embolism and thrombosis (I74)	M	0	0	0	0	0	1	0	0	0	0	0	1
		F	0	0	0	0	0	0	0	0	1	0	0	1
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Other diseases of arteries, arterioles & capillaries (I71-I73 & I77-I78)	M	1	0	0	3	1	4	7	7	5	13	0	41
		F	0	0	2	0	3	5	7	4	8	11	0	40
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Phlebitis, thrombophlebitis, venous embolism and thrombosis (I80-I82)	M	0	1	0	0	0	2	3	1	2	0	1	10
		F	0	0	0	1	2	0	3	3	2	2	0	13
		O	0	0	0	0	0	0	0	0	0	0	0	0
5	All other diseases of the circulatory system (I83-I99)	M	3	1	1	3	9	18	44	58	39	120	0	296
		F	4	0	1	0	1	6	12	35	18	86	0	163
		O	0	0	0	0	0	0	0	0	0	0	0	0
X	DISEASES OF THE RESPIRATORY SYSTEM (J00-J98)	M	427	172	141	200	267	432	702	968	466	1155	13	4943
		F	266	152	110	168	187	227	381	530	266	776	7	3070
		O	1	0	0	0	0	0	0	0	0	0	0	0
33	DISEASES OF THE UPPER RESPIRATORY TRACT (J00-J06 & J30-J39)	M	5	3	3	1	0	9	13	17	12	33	1	97
		F	0	1	1	2	2	1	7	7	5	18	0	44
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Acute pharyngitis and acute tonsillitis (J02-J03)	M	0	0	0	0	0	1	1	0	0	0	0	2
		F	0	0	0	0	1	0	0	0	1	0	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Acute laryngitis and tracheitis (J04)	M	0	0	0	0	0	0	1	0	0	1	1	3
		F	0	0	0	0	0	1	0	0	0	1	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
3	Other acute upper respiratory infections (J00-J01, J05-J06)	M	2	3	2	0	0	6	8	11	8	23	0	63
		F	0	1	0	2	0	0	4	6	2	13	0	28
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	All other diseases of upper respiratory tract (J30-J39)	M	3	0	1	1	0	2	3	6	4	9	0	29
		F	0	0	1	0	1	0	3	1	2	4	0	12
		O	0	0	0	0	0	0	0	0	0	0	0	0
34	Lower respiratory diseases (J20-J22 & J40-J47)	M	30	10	11	54	75	133	272	427	191	435	0	1638
		F	16	1	7	41	45	74	147	190	94	280	0	895
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Acute bronchitis and acute bronchiolitis (J20-J21)	M	4	1	1	4	1	0	2	2	0	12	0	27
		F	2	0	1	0	0	3	4	1	3	9	0	23
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Bronchitis, chronic and unspecified, emphysema (J40-J43)	M	3	0	0	6	16	39	43	50	13	39	0	209
		F	7	0	1	2	6	6	11	14	9	15	0	71
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Asthma (J45-J46)	M	0	0	1	0	1	4	9	10	6	29	0	60
		F	0	0	0	3	6	3	11	11	2	13	0	49
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Other lower respiratory disorders (J22, J44 & J47)	M	23	9	9	44	57	90	218	365	172	355	0	1342
		F	7	1	5	36	33	62	121	164	80	243	0	752
		O	0	0	0	0	0	0	0	0	0	0	0	0
35	Other diseases of the respiratory system (J10-J18, J60-J98)	M	392	159	127	145	192	290	417	524	263	687	12	3208
		F	250	150	102	125	140	152	227	333	167	478	7	2131
		O	1	0	0	0	0	0	0	0	0	0	0	1
1	Influenza (J10-J11)	M	3	1	4	2	2	2	10	12	4	7	0	47
		F	1	1	1	1	4	5	5	9	1	5	0	33
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Pneumonia (J12-J18)	M	288	106	64	44	48	69	118	154	82	272	4	1249
		F	187	107	49	37	31	41	74	111	69	185	5	896
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Pleurisy (J90)	M	0	0	0	4	1	4	2	5	1	3	0	20
		F	0	0	0	1	0	0	1	3	1	3	0	9
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
4	All other diseases of the respiratory system (J60-J86, J92-J98)	M	101	52	59	95	141	215	287	353	176	405	8	1892
		F	62	42	52	86	105	106	147	210	96	285	2	1193
		O	1	0	0	0	0	0	0	0	0	0	0	0
XI	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	M	96	39	66	139	496	840	883	691	256	452	8	3966
		F	52	32	39	104	148	134	227	267	112	327	2	1444
		O	0	0	0	0	0	0	0	0	0	0	0	0
36	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	1	0	0	0	0	4	1	1	1	2	0	10
		F	0	0	0	1	1	1	0	0	0	0	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	1	0	0	0	0	4	1	1	1	2	0	10
		F	0	0	0	1	1	1	0	0	0	0	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
37	Diseases of the other parts of digestive system (K20-K92)	M	95	39	66	139	496	836	882	690	255	450	8	3956
		F	52	32	39	103	147	133	227	267	112	327	2	1441
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Gastric and duodenal ulcer (K25-K27)	M	0	0	0	0	0	0	2	2	1	5	0	10
		F	0	0	0	0	0	0	0	2	0	1	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Gastritis and duodenitis (K29)	M	1	0	0	0	0	2	0	0	0	2	0	5
		F	0	0	0	0	2	0	0	0	1	3	0	6
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Diseases of appendix (K35-K38)	M	0	0	0	1	0	1	0	0	1	3	0	6
		F	0	0	0	0	1	0	0	0	1	0	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Hernia (K40-K46)	M	2	0	0	1	0	4	2	9	1	7	3	29
		F	3	0	0	0	1	0	1	3	2	3	0	13
		O	0	0	0	0	0	0	0	0	0	0	0	0
5	Paralytic ileus and intestinal obstruction without hernia (K56)	M	0	0	1	1	3	3	1	4	5	7	0	25
		F	0	1	0	2	3	2	4	4	4	3	0	23
		O	0	0	0	0	0	0	0	0	0	0	0	0
6	Peritonitis (K65)	M	14	2	7	24	34	33	41	46	8	21	1	231
		F	5	3	6	25	13	9	19	19	2	23	0	124
		O	0	0	0	0	0	0	0	0	0	0	0	0
7	Diseases of the liver (K70-K76)	M	19	27	48	72	376	664	656	425	138	136	0	2561
		F	13	19	28	53	79	68	92	115	28	73	0	568
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
8	Chiolelithiasis and cholecystitis (K80-K81)	M	0	0	0	0	2	4	6	3	4	3	0	22
		F	1	0	0	0	2	4	5	5	1	10	0	28
		O	0	0	0	0	0	0	0	0	0	0	0	0
9	Disorders of the pancreas (K85-K86)	M	0	0	0	12	25	37	34	17	7	8	0	140
		F	0	0	0	5	14	10	14	15	4	7	0	69
		O	0	0	0	0	0	0	0	0	0	0	0	0
10	All other diseases of the other parts of digestive system (K20-K22, K28, K30-K31, K50-K55, K57-K63, K66, K82-K83 & K90-K92)	M	59	10	10	28	56	88	140	184	90	258	4	927
		F	30	9	5	18	32	40	92	104	69	204	2	605
		O	0	0	0	0	0	0	0	0	0	0	0	0
XII	Diseases of the skin and subcutaneous tissue (L00-L99)	M	0	0	1	1	4	3	11	7	2	9	0	38
		F	0	0	0	0	2	4	9	2	2	4	0	23
		O	0	0	0	0	0	0	0	0	0	0	0	0
38	Diseases of the skin and subcutaneous tissue (L00-L99)	M	0	0	1	1	4	3	11	7	2	9	0	38
		F	0	0	0	0	2	4	9	2	2	4	0	23
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Infections of the skin and subcutaneous tissue (L00-L08)	M	0	0	1	0	3	3	10	6	1	8	0	32
		F	0	0	0	0	2	2	7	2	1	2	0	16
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	All other diseases of the skin and subcutaneous tissue (L10-L99)	M	0	0	0	1	1	0	1	1	1	1	0	6
		F	0	0	0	0	0	2	2	0	1	2	0	7
		O	0	0	0	0	0	0	0	0	0	0	0	0
XIII	Diseases of the Musculoskeletal system connective tissue (M00-M99)	M	5	1	3	6	9	11	11	14	1	6	0	67
		F	0	0	2	9	3	7	5	9	1	5	0	41
		O	0	0	0	0	0	0	0	0	0	0	0	0
39	Diseases of the Musculoskeletal system connective tissue (M00-M99)	M	5	1	3	6	9	11	11	14	1	6	0	67
		F	0	0	2	9	3	7	5	9	1	5	0	41
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Rheumatoid arthritis and other inflammatory polyarthropathies (M05-M13)	M	1	0	0	0	2	0	2	1	0	0	0	6
		F	0	0	1	1	0	1	0	3	0	1	0	7
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Osteomyelitis (M86)	M	0	0	1	0	1	0	1	0	0	0	0	3
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
3	All other diseases of the musculoskeletal system and connective tissue (M00-M02, M15-M43-M85, M87-M99)	M	4	1	2	6	6	11	8	13	1	6	0	58
		F	0	0	1	8	3	6	5	6	1	4	0	34
		O	0	0	0	0	0	0	0	0	0	0	0	0
XIV	DISEASES OF THE GENITOURINARY SYSTEM (N00 - N99)	M	72	16	43	83	106	140	208	301	111	253	11	1344
		F	38	17	26	48	63	95	129	208	103	209	6	942
		O	0	0	0	0	0	0	0	0	0	0	0	0
40	Disease of urinary system (N00-N39)	M	68	16	43	83	106	137	204	288	107	243	11	1306
		F	38	17	26	45	63	92	127	202	99	204	6	919
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Glomerular diseases (including Nephritic Synodrome) (N00-N07)	M	0	1	8	5	0	2	3	2	0	2	0	23
		F	1	5	0	2	2	0	3	3	1	3	0	20
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Renal tubulo-interstitial diseases (N10-N15)	M	2	0	0	1	1	1	1	2	2	1	0	11
		F	0	0	1	0	1	1	1	1	0	1	0	6
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Renal failure (N17-N19)	M	66	14	34	64	81	105	138	195	73	161	11	942
		F	36	12	24	40	47	68	82	135	68	115	6	633
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Urolithiasis (N20-N23)	M	0	0	0	0	0	2	0	0	0	1	0	3
		F	0	0	0	0	0	0	2	1	0	1	0	4
		O	0	0	0	0	0	0	0	0	0	0	0	0
5	Other disorders of kidney and ureter (N25-N29)	M	0	1	0	10	21	21	55	77	24	44	0	253
		F	1	0	1	3	11	18	30	44	20	52	0	180
		O	0	0	0	0	0	0	0	0	0	0	0	0
6	All other diseases of urinary system (N30-N39)	M	0	0	1	3	3	6	7	12	8	34	0	74
		F	0	0	0	0	2	5	9	18	10	32	0	76
		O	0	0	0	0	0	0	0	0	0	0	0	0
41	Other diseases of the genitourinary system (N40-N99)	M	4	0	0	0	0	3	4	13	4	10	0	38
		F	0	0	0	3	0	3	2	6	4	5	0	23
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Hyperplasia of prostate (N40)	M	0	0	0	0	0	2	0	1	0	2	0	5
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	All other diseases of male genital organs (N41-N50)	M	4	0	0	0	0	1	4	12	4	8	0	33
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1															
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019															
AGE IN YEARS															
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
3	Salpingitis and oophoritis (N70)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	1	0	0	0	1	0	1	0	3	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
4	All other diseases of female genital organs (N60-N64, N71-N76, N80-N99)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	2	0	3	2	5	4	4	0	20	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
XV	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM (O00-O99)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	72	105	19	4	0	0	0	0	0	200
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Pregnancy with abortive outcome (O00-O08)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	1	3	0	0	0	0	0	0	0	4
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Spontaneous abortion (O03)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Medical abortion (O04)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Other pregnancies with abortive outcome (O00-O02 & O05-O08)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	1	3	0	0	0	0	0	0	0	4
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Other direct obstetric deaths (O10-O92)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	22	41	3	0	0	0	0	0	0	66
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium (O10-O16)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	4	9	0	0	0	0	0	0	0	13
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Infections of genitourinary tract in pregnancy (O23)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Obstructed labour (O64-O66)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	1	0	0	0	0	0	0	0	1
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Complications pre-dominantly related to the puerperium (O85-O92)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	2	7	0	0	0	0	0	0	0	9
		O	0	0	0	0	0	0	0	0	0	0	0	0	0

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DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
5	Other complications of pregnancy and delivery (O20-O22,O24-O63 & O67-O84)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	16	24	3	0	0	0	0	0	43
		O	0	0	0	0	0	0	0	0	0	0	0	0
44	Other obstetric conditions, not elsewhere classified (O95-O99)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	49	61	16	4	0	0	0	0	130
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Indirect obstetric deaths (O98-O99)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	47	59	16	3	0	0	0	0	125
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	All other obstetric conditions, not elsewhere classified (O95-O97)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	2	2	0	1	0	0	0	0	5
		O	0	0	0	0	0	0	0	0	0	0	0	0
XVI	Certain conditions originating in the perinatal period (P00-P96)	M	1797	0	0	0	0	0	0	0	0	0	149	1946
		F	1179	0	0	0	0	0	0	0	0	0	120	1299
		O	9	0	0	0	0	0	0	0	0	0	3	12
45	Certain conditions originating in the perinatal period (P00-P96)	M	1797	0	0	0	0	0	0	0	0	0	149	1946
		F	1179	0	0	0	0	0	0	0	0	0	120	1299
		O	9	0	0	0	0	0	0	0	0	0	3	12
1	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	M	641	0	0	0	0	0	0	0	0	0	66	707
		F	451	0	0	0	0	0	0	0	0	0	49	500
		O	2	0	0	0	0	0	0	0	0	0	0	2
2	Birth trauma (P10-P15)	M	7	0	0	0	0	0	0	0	0	0	0	7
		F	2	0	0	0	0	0	0	0	0	0	3	5
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	M	851	0	0	0	0	0	0	0	0	0	75	926
		F	559	0	0	0	0	0	0	0	0	0	60	619
		O	6	0	0	0	0	0	0	0	0	0	3	9
4	Haemolytic disease of fetus and new born (P55)	M	1	0	0	0	0	0	0	0	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
5	Other perinatal Jaundice (P58-P59)	M	12	0	0	0	0	0	0	0	0	0	1	13
		F	3	0	0	0	0	0	0	0	0	0	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
6	All other conditions originating in the perinatal period (P00-P04,P08,P29-P54,P56-P57,P60-P96)	M	285	0	0	0	0	0	0	0	0	0	7	292
		F	164	0	0	0	0	0	0	0	0	0	8	172
		O	1	0	0	0	0	0	0	0	0	0	0	1

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SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
XVII	Congenital Malformations, Deformations & chromosomal abnormalities (Q00-Q99)	M	274	52	22	20	7	7	2	4	4	3	4	399
		F	144	12	11	3	2	3	7	2	0	2	6	192
		O	3	0	0	0	0	0	0	0	0	0	0	0
46	Congenital Malformations, Deformations & chromosomal abnormalities (Q00-Q99)	M	274	52	22	20	7	7	2	4	4	3	4	399
		F	144	12	11	3	2	3	7	2	0	2	6	192
		O	3	0	0	0	0	0	0	0	0	0	0	0
1	Spina bifida (Q05)	M	9	2	0	0	0	0	0	0	1	0	0	12
		F	2	0	0	0	0	0	0	0	0	0	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Congenital malformations of the circulatory sytem (Q20-Q28)	M	154	35	20	15	5	1	1	1	1	2	2	237
		F	57	9	10	2	1	3	3	1	0	0	2	88
		O	1	0	0	0	0	0	0	0	0	0	0	0
3	Cleft lip and cleft palate (Q35-Q37)	M	1	0	0	0	0	0	0	0	0	0	0	1
		F	1	0	0	0	0	0	0	1	0	0	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	All other congenital malformations, deformations, and chromosomal abnormalities, not elsewhere classified (Q00-Q04, Q06-Q18, Q30-Q34 & Q38-Q99)	M	110	15	2	5	2	6	1	3	2	1	2	149
		F	84	3	1	1	1	0	4	0	0	2	4	100
		O	2	0	0	0	0	0	0	0	0	0	0	0
XVIII	Symptoms, Signs and abnormal clinical &Laboratory finding not elsewhere classified (R00-R99)	M	1013	282	335	961	1511	1992	2192	2510	1121	2477	205	14599
		F	701	275	307	652	665	655	893	1267	683	1903	131	8132
		O	1	0	0	2	0	1	0	0	0	0	2	6
47	Symptoms, Signs and abnormal clinical &Laboratory finding not elsewhere classified (R00-R99)	M	1013	282	335	961	1511	1992	2192	2510	1121	2477	205	14599
		F	701	275	307	652	665	655	893	1267	683	1903	131	8132
		O	1	0	0	2	0	1	0	0	0	0	2	6
1	Abdominal and pelvic pain (R10)	M	563	92	112	412	672	971	1097	1202	561	1305	167	7154
		F	431	106	125	334	320	317	436	671	367	1004	114	4225
		O	1	0	0	1	0	0	0	0	0	0	2	4
2	Ascites (R18)	M	0	0	0	3	8	12	8	3	0	3	0	37
		F	0	0	1	0	1	1	1	3	1	1	0	9
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Somnolence, stupor and coma (R40)	M	0	0	4	6	8	4	4	12	7	6	0	51
		F	0	0	0	7	5	3	2	2	3	8	0	30
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Fever of unknown origin (R50)	M	1	3	10	42	53	69	47	56	11	18	0	310
		F	5	2	12	20	25	34	24	17	6	25	0	170
		O	0	0	0	0	0	0	0	0	0	0	0	0



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DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
5	Senility (R54)	M	0	0	0	0	0	0	0	39	26	85	0	150
		F	0	0	0	0	0	0	0	13	16	54	0	83
		O	0	0	0	0	0	0	0	0	0	0	0	0
6	Syncope and collapse (R55)	M	0	0	0	1	1	1	0	0	0	1	0	4
		F	0	0	0	0	0	0	0	2	0	2	0	4
		O	0	0	0	0	0	0	0	0	0	0	0	0
7	Convulsions, not elsewhere classified (R56)	M	10	0	2	4	7	5	10	6	1	2	0	47
		F	3	2	2	2	3	2	2	4	0	3	0	23
		O	0	0	0	0	0	0	0	0	0	0	0	0
8	Shock, not elsewhere classified (R57)	M	360	111	123	188	288	430	584	807	373	827	24	4115
		F	201	107	112	146	170	196	299	431	212	660	8	2542
		O	0	0	0	0	0	1	0	0	0	0	0	1
9	All other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R09, R11-R17,R19-R39,R41-R49,R51-R53,R58-R99)	M	79	76	84	305	474	500	442	385	142	230	14	2731
		F	61	58	55	143	141	102	129	124	78	146	9	1046
		O	0	0	0	1	0	0	0	0	0	0	0	1
XIX	Injury, poisoning and certain other consequences of external causes (S00-T98)	M	27	103	91	403	422	371	336	203	75	103	2	2136
		F	24	100	53	177	213	156	100	111	46	91	1	1072
		O	0	0	0	0	0	0	0	0	0	0	0	0
48	Fractures (S02,S12,S22,S32,S42,S52,S62 S72,S82,S92,T02,T08,T10,T12)	M	0	2	5	33	38	37	36	21	9	10	0	191
		F	1	1	2	1	7	12	10	9	3	10	0	56
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Fracture of skull and facial bones (S02)	M	0	1	0	1	1	3	4	1	1	0	0	12
		F	0	1	0	0	0	1	0	3	1	2	0	8
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Fracture of neck, thorax or pelvis (S12,S22,S32 & T08)	M	0	1	1	10	9	10	10	4	2	3	0	50
		F	0	0	0	1	1	2	3	1	1	1	0	10
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Fracture of upper limb (S42,S52,S62 & T10)	M	0	0	0	0	0	0	0	1	1	1	0	3
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Fractures of lower limb (S72,S82,S92 & T12)	M	0	0	4	22	27	22	22	15	5	5	0	122
		F	1	0	2	0	6	9	7	4	1	7	0	37
		O	0	0	0	0	0	0	0	0	0	0	0	0
5	Fractures involving multiple body regions and of unspecified body region (T02)	M	0	0	0	0	1	2	0	0	0	1	0	4
		F	0	0	0	0	0	0	0	1	0	0	0	1
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
49	Dislocations, sprains and strains of specified and multiple body regions (S03, S13, S23, S33, S43, S53, S63, S73, S83, S93, T03)	M	0	0	0	1	0	0	2	0	0	0	0	3
		F	0	0	1	0	0	0	0	0	0	0	0	1
		O	0	0	0	0	0	0	0	0	0	0	0	0
50	Intracranial and internal injuries, including nerves (S04, S06, S14, S24, S26-S27, S34, S36-S37, S44, S54, S64, S74, S84 & S94)	M	12	29	27	77	112	101	121	81	28	41	1	630
		F	9	24	12	14	26	30	31	40	20	29	0	235
		O	0	0	0	0	0	0	0	0	0	0	0	0
51	Crushing injuries and traumatic amputations of specified and multiple body regions (S07-S08, S17-S18, S28, S38, S47-S48, S57-S58, S67-S68, S77-S78, S87-S88, S97-S98, T04-T05)	M	0	0	0	2	0	2	0	0	0	1	0	5
		F	0	1	0	0	0	0	0	0	0	0	0	1
		O	0	0	0	0	0	0	0	0	0	0	0	0
52	Other injuries of specified, unspecified and multiple body regions (S00-S01, S05, S09-S11, S15-S16, S19-S21, S25, S29-S31, S35, S39-S41, S45-S46, S49-S51, S55-S56, S59-S61, S65-S66, S69-S71, S75-S76, S79-S81, S85-S86, S89-S91, S95-S96, S99, T00-T01, T06-T14)	M	5	27	32	161	143	137	114	73	25	21	1	739
		F	5	40	16	26	25	20	28	24	9	19	1	213
		O	0	0	0	0	0	0	0	0	0	0	0	0
53	Effects of foreign body entering through natural orifice (T15-T19)	M	2	2	0	0	2	3	1	2	1	4	0	17
		F	2	0	1	1	1	0	0	3	0	2	0	10
		O	0	0	0	0	0	0	0	0	0	0	0	0
54	Burns and Corrosions (T20-T32)	M	6	41	22	80	79	48	37	13	6	12	0	344
		F	5	32	15	107	137	79	27	29	11	26	0	468
		O	0	0	0	0	0	0	0	0	0	0	0	0
55	Poisonings by drugs & biological substances and Toxic effects of substances chiefly nonmedicinal as to source (T36-T50 & T51-T65)	M	1	1	5	26	30	27	13	7	4	4	0	118
		F	2	1	2	17	9	7	1	2	1	3	0	45
		O	0	0	0	0	0	0	0	0	0	0	0	0
56	Other and unspecified effects of external causes and certain early complications of trauma (T33-T35, T66-T79)	M	1	1	0	22	16	13	10	5	1	3	0	72
		F	0	1	4	11	7	6	1	2	0	1	0	33
		O	0	0	0	0	0	0	0	0	0	0	0	0
57	Complications of Surgical and Medical care, not elsewhere classified (T80-T88)	M	0	0	0	1	2	2	2	1	1	7	0	16
		F	0	0	0	0	1	2	2	2	2	1	0	10
		O	0	0	0	0	0	0	0	0	0	0	0	0
58	Late effects of injuries, of poisoning and of other consequences of external causes (T90-T98)	M	0	0	0	0	0	1	0	0	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0

Table -1															
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019															
AGE IN YEARS															
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
XX	External causes of Morbidity and Mortality (V01-Y89)	M	93	62	68	204	345	412	550	836	404	1020	17	4011	
		F	59	45	47	96	152	145	280	419	224	676	9	2152	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	Transport Accidents (V01-V99)	M	1	1	10	47	67	40	38	42	10	11	0	267	
		F	0	4	2	10	9	7	8	9	3	5	0	57	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Railway accidents (V05, V15, V80.6, V81,V82.2,V87.6 & V88.6)	M	0	0	0	2	3	4	1	1	1	0	0	12	
		F	0	0	0	0	1	0	0	0	0	0	0	1	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Motor vehicle traffic accidents (V02-V04, V09.2-V09.3, V12-V14, V19.4-V19.6, V19.9,V20-V28,V29.4-V29.6,V29.9, V30-V38,V39.4-V39.6,V39.9,V40-V48,V49.4-V49.6,V49.9,V50-58,V59.4-V59.6,V59.9, V60-V68,V69.4-V69.6, V69.9, V70-V78,V79.4-V79.6,V79.9, V80.3-V80.5, V82.1, V87.0-V87.5, V87.7-V87.9 V89.2-V89.3)	M	0	0	2	9	14	11	12	8	2	4	0	62	
		F	0	1	0	4	0	1	1	1	0	2	0	10	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Other road vehicle accidents (V01,V06,V09.9,V10-V11,V16-V18,V19.8,V29.8,V39.8,V49.8,V59.8, V69.8,V79.8,V80.0-V80.2,V80.7-V80.9,V82.3-V82.7,V82.9 & V89.1)	M	1	0	7	34	48	25	24	32	6	7	0	184	
		F	0	3	2	3	8	6	7	6	2	3	0	40	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Water transport accidents (V90-V94)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Air & Space transport accidents (V95-V97)	M	0	0	0	0	0	0	0	0	0	0	0	0	
		F	0	0	0	0	0	0	0	0	1	0	0	1	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
6	All other transport accidents (V09.0-V09.1,V19.0-V19.3,V29.0-V29.3, V39.0-V39.3,V49.0-V49.3,V59.0-V59.3,V69.0-V69.3,V79.0-V79.3,V82.0,V82.8, V83-V86,V88.0-V88.5,V88.7-V88.9, V89.0,V89.9 & V98-V99)	M	0	1	1	2	2	0	1	1	1	0	0	9	
		F	0	0	0	3	0	0	0	2	0	0	0	5	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	Accidental Falls (W00-W19)	M	1	15	10	39	70	55	44	27	6	26	0	293	
		F	1	14	4	13	15	7	6	13	1	10	0	84	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	Accidental drowning and submersion (W65-W74)	M	0	1	0	2	8	6	7	2	2	1	0	29	
		F	0	0	1	0	1	1	1	0	0	1	0	5	
		O	0	0	0	0	0	0	0	0	0	0	0	0	0

Table -1														
DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019														
AGE IN YEARS														
SL. No.	NAME OF THE DISEASE	SEX	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	NOT STATED	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
E51	Exposure to smoke, fire and flames (X00-X09)	M	0	1	0	1	0	1	0	0	0	0	0	3
		F	0	0	0	1	1	0	0	0	0	0	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
E52	Accidental poisoning by and exposure to noxious substances (X40-X49)	M	0	0	0	2	1	2	0	0	0	0	0	5
		F	0	0	0	1	1	0	0	0	0	0	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
E53	Intentional self-harm (Suicide-attempted) (X60-X84)	M	0	0	0	1	8	10	2	1	0	2	0	24
		F	0	0	0	1	5	2	1	0	0	0	0	9
		O	0	0	0	0	0	0	0	0	0	0	0	0
E54	Assault (Homicide) (X85-Y09)	M	0	0	1	1	2	1	0	3	0	0	0	8
		F	0	0	0	0	1	2	0	0	0	0	0	3
		O	0	0	0	0	0	0	0	0	0	0	0	0
E55	Other Violence (Y10-Y36)	M	2	1	2	4	5	5	2	8	1	2	0	32
		F	4	2	1	2	2	1	1	0	0	0	0	13
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Event of undetermined intent (Y10-Y34)	M	0	0	1	3	2	3	1	6	1	1	0	18
		F	1	0	0	0	0	0	1	0	0	0	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Legal intervention (Y35)	M	2	1	1	1	3	2	1	2	0	1	0	14
		F	3	2	1	2	2	1	0	0	0	0	0	11
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Operations of war (Y36)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
E56	Complications of medical and surgical care (Y40-Y84)	M	0	0	0	0	0	1	0	1	0	2	0	4
		F	0	0	0	0	0	0	0	1	0	1	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
1	Drugs, medicaments and biological substances causing adverse effects in therapeutic use (Y40-Y59)	M	0	0	0	0	0	0	0	1	0	1	0	2
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Misadven during surgical & medical care, adverse adverse incidents in diagnostic and therapeutic use, abnormal reactions and late complications (Y60-Y69,Y70-Y82 & Y83-Y84)	M	0	0	0	0	0	1	0	0	0	1	0	2
		F	0	0	0	0	0	0	0	1	0	1	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
E57	Other external causes of accidental injury not elsewhere classified (W20-W64, W75-W99, X10-X39, X50-X59)	M	87	43	45	107	182	290	456	752	385	976	17	3340
		F	54	25	39	68	117	124	263	395	220	659	9	1973
		O	0	0	0	0	0	0	0	0	0	0	0	0

<b>Table -1</b>														
<b>DEATHS BY CAUSE OF DEATHS, AGE AND SEX FOR MEDICALLY CERTIFIED DEATHS - 2019</b>														
<b>AGE IN YEARS</b>														
<b>SL. No.</b>	<b>NAME OF THE DISEASE</b>	<b>SEX</b>	<b>&lt;1</b>	<b>1-4</b>	<b>5-14</b>	<b>15-24</b>	<b>25-34</b>	<b>35-44</b>	<b>45-54</b>	<b>55-64</b>	<b>65-69</b>	<b>&gt;=70</b>	<b>NOT STATED</b>	<b>TOTAL</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>	<b>(7)</b>	<b>(8)</b>	<b>(9)</b>	<b>(10)</b>	<b>(11)</b>	<b>(12)</b>	<b>(13)</b>	<b>(14)</b>	<b>(15)</b>
1	Accidents caused by machinery, and by cutting & piercing instruments (W24-W31)	M	0	0	0	2	3	4	1	2	0	0	0	12
		F	0	0	0	0	0	0	1	0	0	0	0	1
		O	0	0	0	0	0	0	0	0	0	0	0	0
2	Accidents caused by firearm missile (W32-W34)	M	0	0	0	1	1	0	2	2	0	1	0	7
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
3	Bites of snakes & other venomous animals (X20-X27)	M	0	1	0	0	2	1	2	0	0	0	0	6
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
4	Sun stroke (X32)	M	0	0	0	0	1	0	1	0	0	0	0	2
		F	0	0	0	0	0	0	0	0	0	0	0	0
		O	0	0	0	0	0	0	0	0	0	0	0	0
5	All other accidents including late effects (W20-W23, W35-W64, W75-W99, X10-X19, X28-X31, X33-X39 & X50-X59)	M	87	42	45	104	175	285	450	748	385	975	17	3313
		F	54	25	39	68	117	124	262	395	220	659	9	1972
		O	0	0	0	0	0	0	0	0	0	0	0	0
E58	Late effects of external causes of morbidity and mortality (Y85-Y89)	M	2	0	0	0	2	1	1	0	0	0	0	6
		F	0	0	0	0	0	1	0	1	0	0	0	2
		O	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Total</b>	M	<b>5302</b>	<b>1277</b>	<b>1509</b>	<b>3449</b>	<b>5206</b>	<b>7153</b>	<b>9254</b>	<b>11086</b>	<b>4785</b>	<b>10389</b>	<b>520</b>	<b>59930</b>
		F	<b>3481</b>	<b>1054</b>	<b>1242</b>	<b>2587</b>	<b>2864</b>	<b>3078</b>	<b>4562</b>	<b>6081</b>	<b>2963</b>	<b>7623</b>	<b>366</b>	<b>35901</b>
		O	<b>15</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>29</b>
	<b>All</b>	T	<b>8798</b>	<b>2331</b>	<b>2751</b>	<b>6038</b>	<b>8073</b>	<b>10233</b>	<b>13816</b>	<b>17168</b>	<b>7748</b>	<b>18012</b>	<b>892</b>	<b>95860</b>

**TABLE - 2****LOCAL BODY WISE DETAILS OF MEDICALLY CERTIFIED CAUSE OF DEATH DURING (2001-2019)**

YEAR	TOTAL DEATHS	INSTITUTIONAL DEATHS LOCAL BODY WISE						
		North MCD	South MCD	East MCD	TOTAL (MCD)	NDMC	DCB	TOTAL
1	2	3	4	5	6	7	8	9
2001	81100	N.A.	N.A.	N.A.	29117	14866	1051	45034
2002	86176	N.A.	N.A.	N.A.	27632	16192	1141	44965
2003	87743	N.A.	N.A.	N.A.	31981	15195	1297	16492
2004	85378	N.A.	N.A.	N.A.	32892	14316	1351	48559
2005	94187	N.A.	N.A.	N.A.	36250	18744	1396	56390
2006	98909	N.A.	N.A.	N.A.	40226	18804	1224	60254
2007	100974	N.A.	N.A.	N.A.	37379	20388	1489	59256
2008	107600	N.A.	N.A.	N.A.	36366	19187	1569	57122
2009	112013	N.A.	N.A.	N.A.	44818	22249	1306	68373
2010	124353	N.A.	N.A.	N.A.	53519	21591	1263	22854
2011	112142	N.A.	N.A.	N.A.	45923	20994	1409	68326
2012	104616	N.A.	N.A.	N.A.	43944	22373	1539	67856
2013	97185	21136	12282	11139	44557	22070	1508	68135
2014	121286	23973	15197	12042	51212	21754	1626	74592
2015	124516	25243	15536	11955	52734	23524	1809	78067
2016	141632	27962	18611	14977	61550	27164	1803	28967
2017	136117	28133	17582	14623	60338	27422	1617	29039
2018	145533	28485	19726	16647	64858	31380	1915	33295
2019	145284	26763	18895	15206	60864	33264	1732	95860

**TABLE - 3****SEX WISE DEATHS (2001-2019)**

Year	Total Deaths				Institutional Deaths			
	Male	Female	Others#	Total	Male	Female	Others#	Total
1	2	3	4	5	6	7	8	9
2001	51238	29862	N.A	81100	28178	16856	N.A	45034
2002	53405	32771	N.A	86176	27445	17520	N.A	44965
2003	54561	33182	N.A	87743	29779	18694	N.A	48473
2004	53016	32362	N.A	85378	30054	18505	N.A	48559
2005	58554	35633	N.A	94187	35089	21301	N.A	56390
2006	64028	34880	N.A	98908	40475	19779	N.A	60254
2007	63461	37513	N.A	100974	37341	21915	N.A	59256
2008	68033	39567	N.A	107600	36973	20149	N.A	57122
2009	70075	41938	N.A	112013	42808	25565	N.A	68373
2010	78092	46261	N.A	124353	48032	28341	N.A	76373
2011	69732	42410	N.A	112142	42770	25556	N.A	68326
2012	64608	40008	N.A	104616	42452	25404	N.A	67856
2013	60447	36738	N.A	97185	42367	25768	N.A	68135
2014	75404	45882	N.A	121286	47001	27591	N.A	74592
2015	76421	48095	N.A	124516	48485	29582	N.A	78067
2016	87704	53887	41	141632	56806	33684	27	90517
2017	83600	52485	32	136117	55694	33654	29	89377
2018	89644	55848	41	145533	61332	36786	35	98153
2019	89723	55527	34	145284	59930	35901	29	95860

# includes transgender/ ambiguous/ not stated

**TABLE - 4**

**DETAILS OF INSTITUTIONAL DEATHS BY AGE & SEX (2001-2019)**

Year	14 Years & Below			15-24 Years			25-44 Years			45-64 Years			65 & Above			Not Stated			Total		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
2001	6874	4545	N.A.	2038	1803	N.A.	5888	3418	N.A.	7550	3509	N.A.	5207	3071	N.A.	621	510	N.A.	28178	16856	N.A.
2002	5532	3581	N.A.	1844	1679	N.A.	4661	2872	N.A.	6972	3551	N.A.	6963	4482	N.A.	1473	1355	N.A.	27445	17520	N.A.
2003	6141	4228	N.A.	2091	1689	N.A.	5900	3543	N.A.	7763	4274	N.A.	7596	4812	N.A.	288	148	N.A.	29779	18694	N.A.
2004	7394	4834	N.A.	2559	2133	N.A.	5972	3556	N.A.	8001	3997	N.A.	5895	3843	N.A.	233	142	N.A.	30054	18505	N.A.
2005	7994	5394	N.A.	2946	2315	N.A.	7278	4152	N.A.	9546	4714	N.A.	6458	4210	N.A.	867	516	N.A.	35089	21301	N.A.
2006	8357	4791	N.A.	4013	1989	N.A.	9032	3766	N.A.	11217	4677	N.A.	7778	4512	N.A.	78	44	N.A.	40475	19779	N.A.
2007	7838	5204	N.A.	2885	2081	N.A.	7764	4246	N.A.	11021	5321	N.A.	7833	5061	N.A.	0	2	N.A.	37341	21915	N.A.
2008	5855	3706	N.A.	2743	1727	N.A.	8568	4368	N.A.	12014	5840	N.A.	7750	4494	N.A.	43	14	N.A.	36973	20149	N.A.
2009	7382	5096	N.A.	3314	2517	N.A.	9872	5577	N.A.	13354	6554	N.A.	8863	5794	N.A.	23	27	N.A.	42808	25565	N.A.
2010	7652	5360	N.A.	3498	2796	N.A.	10475	5682	N.A.	15858	7706	N.A.	10549	6797	N.A.	0	0	N.A.	48032	28341	N.A.
2011	7448	5120	N.A.	3084	2460	N.A.	9114	4932	N.A.	13613	6742	N.A.	9511	6302	N.A.	0	0	N.A.	42770	25556	N.A.
2012	7638	5132	N.A.	2903	2262	N.A.	9147	4719	N.A.	13581	6837	N.A.	9183	6454	N.A.	0	0	N.A.	42452	25404	N.A.
2013	7210	4926	N.A.	2809	2290	N.A.	8996	4741	N.A.	13679	7242	N.A.	9673	6569	N.A.	0	0	N.A.	42367	25768	N.A.
2014	7230	4892	N.A.	2878	2262	N.A.	9883	4648	N.A.	15578	8097	N.A.	11109	7488	N.A.	322	204	N.A.	47001	27591	N.A.
2015	7671	5330	N.A.	3028	2308	N.A.	10127	5367	N.A.	16038	8644	N.A.	11583	7895	N.A.	38	38	N.A.	48485	29582	N.A.
2016	7659	5124	9	3205	2514	0	11360	5649	2	18592	9682	2	14610	9673	0	1380	1042	14	56806	33684	27
2017	7401	5162	8	3163	2574	1	11360	5628	2	18852	9790	3	13433	9468	2	1485	1032	13	55694	33654	29
2018	8230	5742	13	3451	2601	0	12563	5897	3	20482	10989	1	15613	10852	1	993	705	17	61332	36786	35
2019	8088	5777	15	3449	2587	2	12359	5942	5	20340	10643	1	15174	10586	0	520	366	6	59930	35901	29

# Others includes transgender/ ambiguous/ not stated



**TABLE - 5**

**INSTITUTIONAL INFANT DEATHS DUE TO MAJOR DISEASES DURING (2001-2019)**

Sl. No.	Cause of Death	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
1	Slow foetal growth, foetal malnutrition and immaturity	1014 (14.47)	1386 (29.62)	1626 (36.54)	1603 (40.04)	1140 (28.00)	995 (17.70)	1211 (15.10)	611 (10.70)	708 (10.59)	343 (4.40)	677 (8.73)	788 (9.20)	630 (7.65)	630 (7.88)	625 (7.26)	426 (5.32)	1268 (16.75)	1015 (11.78)	1094 (12.43)
2	All other signs, symptoms and ill defined conditions	2275 (32.48)	353 (7.54)	66 (1.48)	197 (4.92)	86 (2.11)	327 (5.81)	544 (6.78)	357 (6.25)	245 (3.66)	1160 (14.87)	1805 (23.28)	2245 (26.20)	157 (1.91)	96 (1.20)	177 (2.05)	153 (1.91)	194 (2.56)	143 (1.66)	140 (1.59)
3	All other conditions originating in perinatal period	20 (0.28)	134 (2.86)	109 (2.45)	935 (23.36)	2460 (60.43)	2195 (39.04)	4077 (50.83)	2602 (45.57)	2821 (42.58)	1478 (18.94)	604 (7.79)	511 (5.96)	2439 (29.62)	719 (9.00)	537 (6.23)	484 (6.04)	534 (7.06)	461 (5.35)	450 (5.11)
4	Septicemia	1015 (14.48)	352 (7.52)	420 (9.44)	420 (10.49)	22 (0.54)	294 (5.23)	137 (1.71)	195 (3.42)	593 (8.87)	696 (8.92)	747 (9.64)	697 (8.13)	718 (8.72)	908 (11.37)	978 (11.36)	933 (11.64)	1133 (14.97)	1707 (19.81)	1752 (19.91)
5	Meningitis	211 (3.01)	30 (0.64)	76 (1.71)	103 (2.57)	39 (0.96)	200 (3.56)	139 (1.73)	71 (1.24)	86 (1.28)	27 (0.35)	27 (0.35)	132 (1.54)	130 (1.58)	116 (1.45)	37 (0.43)	68 (0.85)	91 (1.20)	105 (1.22)	80 (0.91)
6	Pneumonia	341 (4.86)	105 (2.24)	99 (2.22)	317 (7.92)	09 (0.22)	115 (2.04)	101 (1.26)	106 (1.86)	167 (2.56)	372 (4.76)	172 (2.22)	353 (4.12)	338 (4.11)	308 (3.86)	396 (4.60)	400 (4.99)	282 (3.73)	382 (4.43)	475 (5.40)
7	Others	2132 (30.42)	2319 (49.56)	2054 (46.16)	428 (10.69)	315 (7.74)	1497 (26.62)	1812 (22.59)	1768 (30.96)	2068 (30.92)	3726 (47.76)	3720 (47.99)	3843 (44.85)	3821 (46.41)	5213 (65.24)	5862 (68.07)	5551 (69.26)	4067 (53.73)	4804 (55.75)	4807 (54.65)
<b>Total</b>		<b>7008</b>	<b>4679</b>	<b>4450</b>	<b>4003</b>	<b>4071</b>	<b>5623</b>	<b>8021</b>	<b>5710</b>	<b>6688</b>	<b>7802</b>	<b>7752</b>	<b>8569</b>	<b>8233</b>	<b>7990</b>	<b>8612</b>	<b>8015</b>	<b>7569</b>	<b>8617</b>	<b>8798</b>

**TABLE - 6**

**PERCENTAGE DISTRIBUTION OF LEADING MAJOR CAUSES OF DEATH DURING (2001-2019)**

YEAR	I (Certain Infectious And Parasitic Diseases)		IX (Diseases of the Circulatory System)		X (Diseases of the Respiratory System)		XVI (Certain Condition Originating in the Perinatal Period)		XVIII (Symptoms, Signs and abnormal clinical & Laboratory finding n.e.c.)		OTHER		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2001	5965	13.24	6960	15.45	3231	7.17	1982	4.40	18018	40.00	8893	19.74	45034	100.00
2002	8391	18.66	7266	16.16	3812	8.48	3252	7.23	13758	31.37	8486	18.87	44965	100.00
2003	10682	22.04	9577	19.76	3672	7.58	2738	5.65	13777	27.90	8027	16.56	48473	100.00
2004	9186	18.92	9976	20.54	2288	4.71	2479	5.11	16183	33.33	8447	17.40	48559	100.00
2005	12072	21.41	6448	11.43	2769	4.91	3632	6.44	19546	34.66	11923	21.15	56390	100.00
2006	8365	13.88	6848	11.37	2316	3.84	3190	5.30	23550	39.08	15985	26.53	60254	100.00
2007	9099	15.36	13476	22.74	2465	4.16	5288	8.92	14587	24.62	14341	24.20	59256	100.00
2008	8513	14.90	12949	22.67	2696	4.72	3213	5.62	15263	26.72	14488	25.36	57122	100.00
2009	9171	13.41	13904	20.34	3115	4.56	3529	5.16	21264	31.1	17390	25.43	68373	100.00
2010	15879	20.79	8215	10.76	3746	4.90	2697	3.53	25513	33.41	20323	26.61	76373	100.00
2011	10652	15.59	8435	12.35	3942	5.77	2027	2.97	17305	25.33	25965	37.99	68326	100.00
2012	9984	14.71	9420	13.89	4215	6.22	1987	2.93	18288	26.95	23962	35.30	67856	100.00
2013	10929	16.04	9617	14.11	4655	6.83	4162	6.11	16787	24.64	21985	32.27	68135	100.00
2014	12529	16.80	9455	12.68	5282	7.08	2797	3.75	18584	24.91	25945	34.78	74592	100.00
2015	11929	15.28	11875	15.21	6239	7.99	2959	3.79	19583	25.09	25482	32.64	78067	100.00
2016	13540	14.96	15919	17.59	8260	9.13	3449	3.81	19454	21.49	29895	33.03	90517	100.00
2017	13211	14.78	17203	19.25	7511	8.40	3662	4.10	19524	21.84	28266	31.63	89377	100.00
2018	13522	13.78	19445	19.81	8453	8.61	3237	3.30	22929	23.36	30567	31.14	98153	100.00
2019	14684	15.32	18621	19.43	8014	8.36	3257	3.40	22737	23.72	28547	29.78	95860	100.00

**TABLE - 7**

**DEATHS IN DELHI DUE TO HEART ATTACK (2001-2019)**

Year	Total Deaths	Institutional Deaths	Domicillary Deaths	No. Of Deaths Due to Heart Attack				No. Of Heart Attack Deaths in which MCCD Reported				% of Deaths Due to Heart Attack	% of Heart Attack Deaths in which MCCD Reported
				Male	Female	Others	Total	Male	Female	Others	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2001	81100	45034	36066	5232	2904	N.A.	8136	4399	2561	N.A.	6960	10.03	85.55
2002	86176	44965	41211	8986	2906	N.A.	11892	5233	2033	N.A.	7266	13.80	61.1
2003	87743	48473	39270	8285	3436	N.A.	11721	6017	3560	N.A.	9577	13.36	81.71
2004	85378	48559	36819	8148	4521	N.A.	12669	6252	3724	N.A.	9976	14.84	78.74
2005	94187	56390	37797	5504	3072	N.A.	8576	3980	2468	N.A.	6448	9.11	75.19
2006	98908	60254	38654	6112	2724	N.A.	8836	4698	2150	N.A.	6848	8.93	77.5
2007	100974	59256	41718	9974	5468	N.A.	15442	8524	4952	N.A.	13476	15.29	87.27
2008	107600	57122	50478	10345	5531	N.A.	15876	8487	4462	N.A.	12949	14.75	81.56
2009	112013	68373	43640	10514	5644	N.A.	16158	8665	5239	N.A.	13904	14.43	86.05
2010	124353	76373	47980	5222	3014	N.A.	8236	5208	3007	N.A.	8215	6.62	99.75
2011	112142	68326	43816	6961	3733	N.A.	10694	5315	3120	N.A.	8435	9.54	78.88
2012	104616	67856	36760	7673	4051	N.A.	11724	5910	3510	N.A.	9420	11.21	80.95
2013	97185	68135	29050	7487	4035	N.A.	11522	6039	3578	N.A.	9617	11.86	83.47
2014	121286	74592	46694	6838	4042	N.A.	10880	5786	3669	N.A.	9455	8.97	86.90
2015	124516	78067	46449	7912	4768	N.A.	12680	7293	4582	N.A.	11875	10.18	93.65
2016	141632	90517	51115	10548	6115	2	16665	9970	5947	2	15919	11.77	95.52
2017	136117	89377	46740	11171	6667	2	17840	10660	6541	2	17203	13.11	96.43
2018	145533	98153	47380	12639	7528	2	20169	12074	7369	2	19445	13.86	96.41
2019	145284	95860	49424	12716	7484	1	20201	11606	7014	1	18621	13.90	92.18

TABLE - 8

## DISTRIBUTION OF MEDICALLY CERTIFIED HEART ATTACK DEATHS BY AGE &amp; SEX (2001-2019)

Year	14 Years & Below			15-24 Years			25-44 Years			45-64 Years			65 & Above			Not Stated			Total			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2001	470	313	N.A.	220	145	N.A.	746	487	N.A.	1542	740	N.A.	1315	794	N.A.	106	82	N.A.	4399	2561	N.A.	6960
2002	218	134	N.A.	222	119	N.A.	1066	253	N.A.	1988	654	N.A.	1688	849	N.A.	51	24	N.A.	5233	2033	N.A.	7266
2003	417	211	N.A.	278	253	N.A.	1138	631	N.A.	2141	1074	N.A.	2008	1372	N.A.	35	19	N.A.	6017	3560	N.A.	9577
2004	654	404	N.A.	404	302	N.A.	1178	637	N.A.	2103	1067	N.A.	1885	1295	N.A.	28	19	N.A.	6252	3724	N.A.	9976
2005	382	222	N.A.	204	154	N.A.	736	478	N.A.	1453	780	N.A.	1060	745	N.A.	145	89	N.A.	3980	2468	N.A.	6448
2006	374	150	N.A.	362	135	N.A.	933	370	N.A.	1719	732	N.A.	1302	757	N.A.	8	6	N.A.	4698	2150	N.A.	6848
2007	712	476	N.A.	565	343	N.A.	1661	929	N.A.	2999	1444	N.A.	2587	1760	N.A.	0	0	N.A.	8524	4952	N.A.	13476
2008	597	368	N.A.	551	365	N.A.	1867	901	N.A.	3075	1377	N.A.	2383	1831	N.A.	14	3	N.A.	8487	4462	N.A.	12949
2009	775	548	N.A.	540	399	N.A.	1874	969	N.A.	3076	1567	N.A.	2392	1742	N.A.	8	14	N.A.	8665	5239	N.A.	13904
2010	313	205	N.A.	225	221	N.A.	1114	527	N.A.	2121	1015	N.A.	1405	1039	N.A.	0	0	N.A.	5208	3007	N.A.	8215
2011	283	166	N.A.	255	171	N.A.	967	484	N.A.	2117	1071	N.A.	1693	1228	N.A.	0	0	N.A.	5315	3120	N.A.	8435
2012	354	212	N.A.	274	236	N.A.	1073	659	N.A.	2391	1162	N.A.	1818	1241	N.A.	0	0	N.A.	5910	3510	N.A.	9420
2013	358	200	N.A.	297	208	N.A.	1061	604	N.A.	2488	1241	N.A.	1835	1325	N.A.	0	0	N.A.	6039	3578	N.A.	9617
2014	310	208	N.A.	235	173	N.A.	948	552	N.A.	2394	1349	N.A.	1887	1378	N.A.	12	9	N.A.	5786	3669	N.A.	9455
2015	297	189	N.A.	273	192	N.A.	1186	694	N.A.	3113	1725	N.A.	2423	1781	N.A.	1	1	N.A.	7293	4582	N.A.	11875
2016	448	274	0	286	269	0	1501	808	0	4164	2160	1	3474	2369	0	97	67	1	9970	5947	2	15919
2017	406	264	0	315	209	0	1709	912	0	4546	2409	1	3621	2704	1	63	43	0	10660	6541	2	17203
2018	473	299	0	460	326	0	2200	1137	0	5025	2788	0	3865	2776	1	51	43	1	12074	7369	2	19445
2019	379	274	0	470	347	0	2116	1056	0	4887	2653	1	3743	2677	0	11	7	0	11606	7014	1	18621

TABLE - 9

## DEATHS IN DELHI DUE TO PNEUMONIA (2001-2019)

Year	Total Deaths	Institutional Deaths	Domiciliary Deaths	No. of Deaths due to Pneumonia				No. of Pneumonia Deaths in which MCCD Reported				% of Deaths due to Pneumonia	% of Pneumonia Deaths in which MCCD Reported
				Male	Female	Others	Total	Male	Female	Others	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2001	81100	45034	36066	743	462	N.A.	1205	794	406	N.A.	1200	1.49	99.58
2002	86176	44965	41211	1259	991	N.A.	2250	1122	834	N.A.	1956	2.61	86.93
2003	87743	48473	39270	1264	918	N.A.	2182	1053	700	N.A.	1753	2.49	80.34
2004	85378	48559	36819	771	463	N.A.	1234	697	422	N.A.	1119	1.45	90.68
2005	94187	56390	37797	914	589	N.A.	1503	801	493	N.A.	1294	1.60	86.09
2006	98908	60254	38654	559	309	N.A.	868	526	284	N.A.	810	0.88	93.32
2007	100974	59256	41718	555	324	N.A.	879	512	306	N.A.	812	0.87	92.38
2008	107600	57122	50478	976	563	N.A.	1539	840	517	N.A.	1357	1.43	88.17
2009	112013	68373	43640	985	608	N.A.	1593	874	575	N.A.	1449	1.42	90.96
2010	124353	76373	47980	1351	850	N.A.	2201	1344	841	N.A.	2185	1.77	99.27
2011	112142	68326	43816	951	647	N.A.	1598	941	640	N.A.	1581	1.42	98.94
2012	104616	67856	36760	965	648	N.A.	1613	954	641	N.A.	1595	1.54	98.88
2013	97185	68135	29050	923	624	N.A.	1547	921	618	N.A.	1539	1.59	99.48
2014	121286	74592	46694	856	585	N.A.	1441	854	584	N.A.	1438	1.22	99.79
2015	124516	78067	46449	1161	789	N.A.	1950	1156	787	N.A.	1943	1.57	99.64
2016	141632	90517	51115	1204	785	0	1989	1191	768	0	1959	1.40	98.49
2017	136117	89377	46740	994	655	0	1649	991	652	0	1643	1.21	99.64
2018	145533	98153	47380	1237	813	1	2051	1236	812	1	2049	1.41	99.90
2019	145284	95860	49424	1257	899	0	2156	1249	896	0	2145	1.48	99.49

TABLE - 10

## DISTRIBUTION OF MEDICALLY CERTIFIED PNEUMONIA DEATHS BY AGE &amp; SEX (2001-2019)

Year	14 Years & Below			15-24 Years			25-44 Years			45-64 Years			65 & Above			Not Stated			Total			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2001	381	210	N.A.	39	35	N.A.	107	47	N.A.	131	48	N.A.	116	55	N.A.	20	11	N.A.	794	406	N.A.	1200
2002	675	558	N.A.	137	117	N.A.	78	40	N.A.	111	56	N.A.	115	61	N.A.	6	2	N.A.	1122	834	N.A.	1956
2003	616	424	N.A.	127	117	N.A.	78	40	N.A.	111	56	N.A.	115	61	N.A.	6	2	N.A.	1053	700	N.A.	1753
2004	337	202	N.A.	50	46	N.A.	97	60	N.A.	140	62	N.A.	65	49	N.A.	8	3	N.A.	697	422	N.A.	1119
2005	299	190	N.A.	70	45	N.A.	123	79	N.A.	151	90	N.A.	134	76	N.A.	24	13	N.A.	801	493	N.A.	1294
2006	169	120	N.A.	43	12	N.A.	89	36	N.A.	120	50	N.A.	101	66	N.A.	4	0	N.A.	526	284	N.A.	810
2007	165	117	N.A.	44	24	N.A.	66	41	N.A.	123	63	N.A.	114	61	N.A.	0	0	N.A.	512	306	N.A.	812
2008	193	143	N.A.	42	29	N.A.	213	103	N.A.	221	134	N.A.	169	108	N.A.	2	0	N.A.	840	517	N.A.	1357
2009	341	239	N.A.	32	43	N.A.	176	98	N.A.	162	96	N.A.	161	99	N.A.	2	0	N.A.	874	575	N.A.	1449
2010	371	257	N.A.	82	68	N.A.	229	139	N.A.	381	193	N.A.	281	184	N.A.	0	0	N.A.	1344	841	N.A.	2185
2011	256	181	N.A.	45	60	N.A.	122	90	N.A.	240	127	N.A.	278	182	N.A.	0	0	N.A.	941	640	N.A.	1581
2012	298	219	N.A.	48	33	N.A.	120	69	N.A.	250	165	N.A.	238	155	N.A.	0	0	N.A.	954	641	N.A.	1595
2013	284	218	N.A.	53	41	N.A.	127	85	N.A.	233	128	N.A.	224	146	N.A.	0	0	N.A.	921	618	N.A.	1539
2014	258	184	N.A.	28	41	N.A.	120	75	N.A.	220	134	N.A.	224	146	N.A.	4	4	N.A.	854	584	N.A.	1438
2015	373	265	N.A.	46	58	N.A.	190	134	N.A.	296	166	N.A.	251	164	N.A.	0	0	N.A.	1156	787	N.A.	1943
2016	375	259	0	55	61	0	170	93	0	271	148	0	304	195	0	16	12	0	1191	768	0	1959
2017	301	218	0	58	53	0	146	85	0	216	137	0	247	140	0	23	19	0	991	652	0	1643
2018	359	267	0	62	51	0	165	88	0	276	171	1	365	229	0	9	6	0	1236	812	1	2049
2019	458	343	0	44	37	0	117	72	0	272	185	0	354	254	0	4	5	0	1249	896	0	2145

**TABLE - 11**

**DEATHS IN DELHI DUE TO TUBERCULOSIS (2001-2019)**

Year	Total Deaths	Institutional Deaths	Domiciliary Deaths	No. of Deaths due to Tuberculosis				No. of Tuberculosis Deaths in which MCCD Reported				% of Deaths due to Tuberculosis	% of Tuberculosis Deaths in which MCCD Reported
				Male	Female	Others	Total	Male	Female	Others	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2001	81100	45034	36066	1219	662	N.A.	1881	898	575	N.A.	1473	2.32	78.31
2002	86176	44965	41211	2976	1707	N.A.	4683	2315	1239	N.A.	3554	5.43	75.89
2003	87743	48473	39270	3099	1825	N.A.	4924	2354	1243	N.A.	3597	5.61	73.05
2004	85378	48559	36819	1518	797	N.A.	2315	1254	733	N.A.	1987	2.71	85.83
2005	94187	56390	37797	2332	1286	N.A.	3618	2066	1213	N.A.	3279	3.84	90.63
2006	98908	60254	38654	2337	1173	N.A.	3510	1987	1077	N.A.	3064	3.55	87.29
2007	100974	59256	41718	1724	792	N.A.	2516	1321	697	N.A.	2018	2.49	80.21
2008	107600	57122	50478	1886	746	N.A.	2632	1486	653	N.A.	2139	2.45	81.27
2009	112013	68373	43640	1798	760	N.A.	2558	1539	712	N.A.	2251	2.28	87.99
2010	124353	76373	47980	2375	1071	N.A.	3446	2073	992	N.A.	3065	2.77	88.94
2011	112142	68326	43816	2696	1272	N.A.	3968	2410	1193	N.A.	3603	3.54	90.8
2012	104616	67856	36760	2363	1133	N.A.	3496	2085	1033	N.A.	3118	3.34	89.19
2013	97185	68135	29050	2460	1202	N.A.	3662	2162	1077	N.A.	3239	3.77	88.45
2014	121286	74592	46694	3394	1536	N.A.	4930	2959	1391	N.A.	4350	4.06	88.24
2015	124516	78067	46449	2849	1416	N.A.	4265	2382	1253	N.A.	3635	3.43	85.23
2016	141632	90517	51115	2939	1509	0	4448	2445	1288	0	3733	3.14	83.93
2017	136117	89377	46740	2773	1358	0	4131	2425	1231	0	3656	3.03	88.50
2018	145533	98153	47380	2911	1404	0	4315	2549	1285	0	3834	2.96	88.85
2019	145284	95860	49424	2993	1517	0	4510	2571	1364	0	3935	3.10	87.25

TABLE - 12

## DISTRIBUTION OF MEDICALLY CERTIFIED TUBERCULOSIS DEATHS BY AGE &amp; SEX (2001-2019)

Year	14 Years & Below			15-24 Years			25-44 Years			45-64 Years			65 & Above			Not Stated			Total			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2001	91	85	N.A.	105	135	N.A.	319	192	N.A.	265	104	N.A.	103	50	N.A.	15	9	N.A.	898	575	N.A.	1473
2002	101	80	N.A.	209	258	N.A.	424	237	N.A.	891	385	N.A.	666	263	N.A.	24	16	N.A.	2315	1239	N.A.	3554
2003	107	91	N.A.	172	177	N.A.	454	254	N.A.	905	432	N.A.	682	273	N.A.	34	16	N.A.	2354	1243	N.A.	3597
2004	168	159	N.A.	151	158	N.A.	425	241	N.A.	354	110	N.A.	153	64	N.A.	3	1	N.A.	1254	733	N.A.	1987
2005	220	240	N.A.	222	244	N.A.	718	422	N.A.	659	211	N.A.	222	82	N.A.	25	14	N.A.	2066	1213	N.A.	3279
2006	183	156	N.A.	173	215	N.A.	696	382	N.A.	679	216	N.A.	255	105	N.A.	1	3	N.A.	1987	1077	N.A.	3064
2007	93	87	N.A.	138	157	N.A.	444	235	N.A.	483	143	N.A.	163	75	N.A.	0	0	N.A.	1321	697	N.A.	2018
2008	92	74	N.A.	166	163	N.A.	487	226	N.A.	553	147	N.A.	188	43	N.A.	0	0	N.A.	1486	653	N.A.	2139
2009	40	49	N.A.	140	136	N.A.	555	216	N.A.	621	253	N.A.	183	58	N.A.	0	0	N.A.	1539	712	N.A.	2251
2010	75	91	N.A.	244	237	N.A.	746	343	N.A.	750	222	N.A.	258	99	N.A.	0	0	N.A.	2073	992	N.A.	3065
2011	79	106	N.A.	274	291	N.A.	827	381	N.A.	889	285	N.A.	341	130	N.A.	0	0	N.A.	2410	1193	N.A.	3603
2012	95	94	N.A.	196	228	N.A.	744	327	N.A.	759	252	N.A.	291	132	N.A.	0	0	N.A.	2085	1033	N.A.	3118
2013	77	94	N.A.	205	246	N.A.	737	300	N.A.	751	269	N.A.	392	168	N.A.	0	0	N.A.	2162	1077	N.A.	3239
2014	95	127	N.A.	304	328	N.A.	976	380	N.A.	1123	357	N.A.	458	197	N.A.	3	2	N.A.	2959	1391	N.A.	4350
2015	115	114	N.A.	262	296	N.A.	800	369	N.A.	867	315	N.A.	336	159	N.A.	2	0	N.A.	2382	1253	N.A.	3635
2016	105	113	0	266	319	0	822	372	0	851	294	0	382	164	0	19	26	0	2445	1288	0	3733
2017	75	106	0	236	353	0	806	366	0	906	270	0	386	127	0	16	9	0	2425	1231	0	3656
2018	91	148	0	259	307	0	818	369	0	950	296	0	423	160	0	8	5	0	2549	1285	0	3834
2019	117	146	0	222	311	0	766	406	0	986	327	0	471	173	0	9	1	0	2571	1364	0	3935



**TABLE - 13**

**DEATHS IN DELHI DUE TO CANCER (2001-2019)**

Year	Total Deaths	Institutional Deaths	Domiciliary Deaths	No. of Deaths due to Cancer				No. of Cancer Deaths in which MCCD Reported				% of Deaths due to Cancer	% of Cancer Deaths in which MCCD Reported
				Male	Female	Others	Total	Male	Female	Others	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2001	81100	45034	36066	666	451	N.A.	1117	605	372	N.A.	977	1.38	87.47
2002	86176	44965	41211	894	658	N.A.	1552	488	383	N.A.	871	1.80	56.12
2003	87743	48473	39270	897	592	N.A.	1489	522	426	N.A.	948	1.70	63.67
2004	85378	48559	36819	923	610	N.A.	1533	662	431	N.A.	1093	1.79	71.30
2005	94187	56390	37797	1207	802	N.A.	2009	956	589	N.A.	1545	2.13	76.90
2006	98908	60254	38654	1236	824	N.A.	2060	880	591	N.A.	1471	2.08	71.41
2007	100974	59256	41718	1589	1008	N.A.	2597	1160	751	N.A.	1911	2.57	73.58
2008	107600	57122	50478	2011	1059	N.A.	3070	1502	702	N.A.	2204	2.85	71.79
2009	112013	68373	43640	2512	1424	N.A.	3936	2066	1161	N.A.	3227	3.51	81.99
2010	124353	76373	47980	3514	2214	N.A.	5728	3412	2024	N.A.	5436	4.61	94.90
2011	112142	68326	43816	6109	3816	N.A.	9925	5715	3551	N.A.	9266	8.85	93.36
2012	104616	67856	36760	3813	2631	N.A.	6444	3457	2315	N.A.	5772	6.16	89.57
2013	97185	68135	29050	3244	2326	N.A.	5570	2379	1730	N.A.	4109	5.73	73.77
2014	121286	74592	46694	3366	2320	N.A.	5686	3224	2255	N.A.	5479	4.69	96.36
2015	124516	78067	46449	2950	2044	N.A.	4994	2748	1918	N.A.	4666	4.01	93.43
2016	141632	90517	51115	3436	2305	1	5742	2819	1992	1	4812	4.05	83.80
2017	136117	89377	46740	3196	2085	0	5281	3112	2050	0	5162	3.88	97.75
2018	145533	98153	47380	3816	2697	1	6514	3736	2659	1	6396	4.48	98.19
2019	145284	95860	49424	3672	2680	1	6353	3329	2485	1	5815	4.37	91.53

TABLE - 14

## DISTRIBUTION OF MEDICALLY CERTIFIED CANCER DEATHS BY AGE &amp; SEX (2001-2019)

Year	14 Years & Below			15-24 Years			25-44 Years			45-64 Years			65 & Above			Not Stated			Total			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2001	71	24	N.A.	52	15	N.A.	138	96	N.A.	200	144	N.A.	127	82	N.A.	17	11	N.A.	605	372	N.A.	977
2002	34	11	N.A.	23	14	N.A.	61	78	N.A.	192	171	N.A.	165	106	N.A.	13	3	N.A.	488	383	N.A.	871
2003	26	10	N.A.	23	15	N.A.	72	80	N.A.	214	200	N.A.	175	118	N.A.	12	3	N.A.	522	426	N.A.	948
2004	53	34	N.A.	42	23	N.A.	110	71	N.A.	251	187	N.A.	196	114	N.A.	10	2	N.A.	662	431	N.A.	1093
2005	75	36	N.A.	62	29	N.A.	153	116	N.A.	311	192	N.A.	231	123	N.A.	124	93	N.A.	956	589	N.A.	1545
2006	58	51	N.A.	77	22	N.A.	154	92	N.A.	342	276	N.A.	241	143	N.A.	8	7	N.A.	880	591	N.A.	1471
2007	80	38	N.A.	59	28	N.A.	189	153	N.A.	484	331	N.A.	348	201	N.A.	0	0	N.A.	1160	751	N.A.	1911
2008	109	40	N.A.	92	30	N.A.	307	120	N.A.	691	363	N.A.	300	148	N.A.	3	1	N.A.	1502	702	N.A.	2204
2009	183	109	N.A.	199	90	N.A.	558	270	N.A.	716	463	N.A.	409	228	N.A.	1	1	N.A.	2066	1161	N.A.	3227
2010	379	238	N.A.	266	120	N.A.	844	395	N.A.	1183	767	N.A.	740	504	N.A.	0	0	N.A.	3412	2024	N.A.	5436
2011	787	497	N.A.	507	318	N.A.	1316	759	N.A.	2044	1276	N.A.	1061	701	N.A.	0	0	N.A.	5715	3551	N.A.	9266
2012	500	303	N.A.	260	129	N.A.	631	479	N.A.	1286	938	N.A.	780	466	N.A.	0	0	N.A.	3457	2315	N.A.	5772
2013	248	147	N.A.	170	108	N.A.	442	407	N.A.	966	758	N.A.	553	310	N.A.	0	0	N.A.	2379	1730	N.A.	4109
2014	269	135	N.A.	259	124	N.A.	641	535	N.A.	1314	1024	N.A.	734	433	N.A.	7	4	N.A.	3224	2255	N.A.	5479
2015	257	145	N.A.	205	79	N.A.	490	484	N.A.	1177	886	N.A.	619	324	N.A.	0	0	N.A.	2748	1918	N.A.	4666
2016	204	103	0	220	92	0	524	493	0	1200	926	0	641	367	0	30	11	1	2819	1992	1	4812
2017	203	105	0	194	99	0	586	488	0	1318	935	0	796	417	0	15	6	0	3112	2050	0	5162
2018	249	119	0	213	110	0	655	607	0	1572	1228	0	1036	586	0	11	9	1	3736	2659	1	6396
2019	213	120	0	189	92	0	559	562	1	1453	1110	0	914	599	0	1	2	0	3329	2485	1	5815

TABLE - 15

## DEATHS IN DELHI DUE TO DIABETIC MELLITUS (2001-2019)

Year	Total Deaths	Institutional Deaths	Domicillary Deaths	No. of Deaths Due To Diabetic Mellitus				No. of Diabetic Mellitus Deaths in which MCCD Reported				% of Deaths Due To Diabetic Mellitus	% of Diabetic Mellitus Deaths in which MCCD Reported
				Male	Female	Others	Total	Male	Female	Others	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2001	81100	45034	36066	370	250	N.A.	620	345	221	N.A.	566	0.76	91.29
2002	86176	44965	41211	302	355	N.A.	657	277	314	N.A.	591	0.76	89.95
2003	87743	48473	39270	425	332	N.A.	757	362	278	N.A.	640	0.86	84.54
2004	85378	48559	36819	439	343	N.A.	782	362	278	N.A.	640	0.92	81.84
2005	94187	56390	37797	608	525	N.A.	1133	568	484	N.A.	1052	1.20	92.85
2006	98908	60254	38654	3082	2214	N.A.	5296	2993	2125	N.A.	5118	5.35	96.64
2007	100974	59256	41718	2202	1718	N.A.	3920	2123	1638	N.A.	3761	3.88	95.94
2008	107600	57122	50478	2673	1953	N.A.	4626	2399	1587	N.A.	3986	4.30	86.17
2009	112013	68373	43640	2670	2001	N.A.	4671	2561	1890	N.A.	4451	4.17	95.29
2010	124353	76373	47980	816	563	N.A.	1379	753	514	N.A.	1267	1.11	91.88
2011	112142	68326	43816	922	720	N.A.	1642	870	658	N.A.	1528	1.46	93.06
2012	104616	67856	36760	850	773	N.A.	1623	796	722	N.A.	1518	1.55	93.53
2013	97185	68135	29050	1112	913	N.A.	2025	1049	872	N.A.	1921	2.08	94.86
2014	121286	74592	46694	996	863	N.A.	1859	947	815	N.A.	1762	1.53	94.78
2015	124516	78067	46449	818	641	N.A.	1459	759	597	N.A.	1356	1.17	92.94
2016	141632	90517	51115	1383	1255	0	2638	1337	1220	0	2557	1.86	96.93
2017	136117	89377	46740	1390	1225	0	2615	1363	1198	0	2561	1.92	97.93
2018	145533	98153	47380	1190	1096	0	2286	1149	1056	0	2205	1.57	96.46
2019	145284	95860	49424	954	880	0	1834	861	795	0	1656	1.26	90.29

TABLE - 16

DISTRIBUTION OF MEDICALLY CERTIFIED DIABETIC MELLITUS DEATHS BY AGE & SEX (2001-2019)																						
Year	14 Years & Below			15-24 Years			25-44 Years			45-64 Years			65 & Above			Not Stated			Total			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2001	9	6	N.A.	6	8	N.A.	34	25	N.A.	172	83	N.A.	113	90	N.A.	11	9	N.A.	345	221	N.A.	566
2002	5	5	N.A.	3	6	N.A.	23	45	N.A.	144	140	N.A.	99	114	N.A.	3	4	N.A.	277	314	N.A.	591
2003	6	7	N.A.	4	1	N.A.	29	20	N.A.	178	118	N.A.	144	132	N.A.	1	0	N.A.	362	278	N.A.	640
2004	6	7	N.A.	4	1	N.A.	29	20	N.A.	178	118	N.A.	144	132	N.A.	1	0	N.A.	362	278	N.A.	640
2005	6	6	N.A.	3	5	N.A.	61	33	N.A.	263	212	N.A.	219	215	N.A.	16	13	N.A.	568	484	N.A.	1052
2006	885	635	N.A.	243	169	N.A.	355	326	N.A.	795	494	N.A.	711	499	N.A.	4	2	N.A.	2993	2125	N.A.	5118
2007	339	294	N.A.	147	114	N.A.	337	226	N.A.	684	513	N.A.	616	491	N.A.	0	0	N.A.	2123	1638	N.A.	3761
2008	548	328	N.A.	139	134	N.A.	356	256	N.A.	687	434	N.A.	668	433	N.A.	1	2	N.A.	2399	1587	N.A.	3986
2009	524	363	N.A.	134	108	N.A.	328	268	N.A.	818	515	N.A.	757	635	N.A.	0	1	N.A.	2561	1890	N.A.	4451
2010	6	10	N.A.	7	3	N.A.	50	36	N.A.	340	218	N.A.	350	247	N.A.	0	0	N.A.	753	514	N.A.	1267
2011	8	7	N.A.	11	9	N.A.	66	44	N.A.	410	276	N.A.	375	322	N.A.	0	0	N.A.	870	658	N.A.	1528
2012	11	19	N.A.	15	18	N.A.	66	57	N.A.	389	332	N.A.	315	296	N.A.	0	0	N.A.	796	722	N.A.	1518
2013	8	2	N.A.	6	10	N.A.	109	95	N.A.	495	419	N.A.	431	346	N.A.	0	0	N.A.	1049	872	N.A.	1921
2014	2	2	N.A.	9	8	N.A.	69	64	N.A.	472	390	N.A.	395	351	N.A.	0	0	N.A.	947	815	N.A.	1762
2015	2	4	N.A.	5	7	N.A.	65	35	N.A.	347	299	N.A.	340	252	N.A.	0	0	N.A.	759	597	N.A.	1356
2016	2	9	0	14	19	0	136	110	0	673	612	0	508	464	0	4	6	0	1337	1220	0	2557
2017	2	5	0	13	14	0	114	103	0	734	607	0	490	462	0	10	7	0	1363	1198	0	2561
2018	5	10	0	16	9	0	110	100	0	546	507	0	467	429	0	5	1	0	1149	1056	0	2205
2019	5	5	0	6	11	0	78	64	0	431	361	0	341	354	0	0	0	0	861	795	0	1656

**TABLE-17****DISTRIBUTION OF INFANT DEATHS (2001-2019)**

<b>Year</b>	<b>Neonatal Deaths (Infants below 4 weeks)</b>	<b>Neonatal Mortality Rate</b>	<b>Post-natal deaths (Infant 28 days- 12 months)</b>	<b>Post-natal Mortality Rate</b>	<b>Infant deaths (Infant 0-12 months)</b>	<b>Infant Mortality Rate</b>	<b>% Infant deaths to total deaths</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
2001	4213	14.22	2878	9.71	7091	23.93	8.74
2002	3115	10.36	1776	5.91	4891	16.27	5.68
2003	3455	11.07	1790	5.95	5245	17.42	5.98
2004	2774	9.07	1229	4.02	4003	13.08	4.69
2005	3183	9.81	999	3.08	4182	12.89	4.44
2006	3756	11.64	2069	6.41	5825	18.05	5.89
2007	4917	15.27	3277	10.18	8194	25.44	8.11
2008	4485	13.43	1653	4.95	6138	18.38	5.70
2009	4887	13.79	1834	5.17	6721	18.96	6.00
2010	5509	15.32	2569	7.15	8078	22.47	6.49
2011	5283	14.93	2469	6.98	7752	21.91	6.91
2012	5168	14.33	3460	9.60	8628	23.93	8.25
2013	5687	15.37	2591	7.00	8278	22.37	8.52
2014	5293	14.16	2804	7.50	8097	21.66	6.67
2015	5908	15.80	2787	7.45	8695	23.25	6.98
2016	4878	12.87	3217	8.48	8095	21.35	5.72
2017	5072	13.82	2573	7.01	7645	20.83	5.62
2018	5588	15.4	3051	8.41	8639	23.81	5.94
2019	5920	16.18	2903	7.93	8823	24.12	6.07

<b>TABLE-18</b>			
<b>MATERNAL DEATH (2010-2019)</b>			
<b>Year</b>	<b>Total Births</b>	<b>Total Maternal Deaths</b>	<b>Maternal Mortality Rate</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
2010	359463	510	1.42
2011	353759	515	1.46
2012	360473	376	1.04
2013	370000	198	0.54
2014	373693	163	0.44
2015	374012	139	0.37
2016	379161	156	0.41
2017	367046	178	0.48
2018	362803	146	0.40
2019	365868	200	0.55

<b>TABLE-19</b>			
<b>Death Rate of Delhi (2001-2019)</b>			
<b>Year</b>	<b>In Lakhs</b>		<b>Death Rate</b>
	<b>*Mid Year Population as on 1<sup>st</sup> July</b>	<b>Total number of Deaths</b>	
2001	139.40	0.81	5.81
2002	142.10	0.86	6.05
2003	144.86	0.88	6.07
2004	147.68	0.85	5.76
2005	150.54	0.94	6.24
2006	153.47	0.99	6.45
2007	156.45	1.01	6.46
2008	159.49	1.08	6.77
2009	162.58	1.12	6.89
2010	165.74	1.24	7.48
2011	169.14	1.12	6.63
2012	172.92	1.05	6.05
2013	176.70	0.97	5.50
2014	180.47	1.21	6.72
2015	184.25	1.25	6.76
2016	188.03	1.42	7.53
2017	191.82	1.36	7.10
2018	195.61	1.46	7.44
2019	199.40	1.45	7.29

\*Revised as per latest Population Projections prepared by National Commission of Population from the year 2011.