



GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

**REPORT ON
MEDICAL CERTIFICATION OF
CAUSE OF DEATHS IN DELHI
2013**



***DIRECTORATE OF ECONOMICS & STATISTICS
&
OFFICE OF THE CHIEF REGISTRAR (BIRTH & DEATH)
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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) Delhi. 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. Section 10(2) of the act empowers the State Government to introduce the system of medical certification of cause of death in respective states. 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 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 70% of the deaths 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 2001-2013 and distribution of institutional deaths by major causes during 2013. Third section is the Time Series analysis of MCC Deaths during the period 2001-2013. Detailed statistical tables are given in section four. In this section, period from the year 2001 to 2013 is taken into consideration for the study. This part contains a 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 death during the period 2001-2013 in Delhi on the basis of ICD - 10 classification of WHO. This section also 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 welcomed.

DELHI
NOVEMBER, 2014



(Dr. B.K. SHARMA)
Director Cum Spl. Secretary
&
CHIEF REGISTRAR (B&D)

**REPORT ON MEDICAL CERTIFICATION
OF
CAUSE OF DEATHS (MCCD) IN DELHI 2013**

CONTENTS

SECTION	SUBJECT	PAGE NO.
1	INTRODUCTION	1-2
2	MCCD AT A GLANCE	3-13
3	TIME SERIES ANALYSIS OF MCC DEATHS	14-27
4	STATISTICAL TABLES	28-69

SECTION ONE

INTRODUCTION

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INTRODUCTION

The Registration of Births and Deaths Act 1969 (RBD Act 1969) came into force in Delhi w.e.f. 1st 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 have also been notified w.e.f. 1st January 1971. These rules have been modified and made more people friendly in December 1999 and came into force w.e.f. 1st 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 network of centres spread all over Delhi. Each local body has a notified Additional Chief Registrar to coordinate in the designated geographical area.

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 effect 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 cause of death in different age groups are of immense value to the public health planners, administrators, medical professionals, epidemiologists and research workers.

STATUTORY PROVISIONS

The Registration of Births and Deaths Act 1969 provide for Certification of cause of death by a medical practitioner, who has attended the deceased during the latter's last illness. Provision of section 10 (2) of the 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. Section 10(3) of the Registration of Births & Deaths Act 1969 makes it mandatory for the medical practitioner, who attended the person during his last illness, to issue a medical certificate of cause of death, in the event of the death of the person, without charging any fee, in the prescribed format, stating to the best of his knowledge and belief, the cause of death. The Certificate of cause of death will be delivered to the registrar by the informant along with the death report. Section 17 (1) (b) of the Act ensures the Confidentiality of cause of death which is reported by the medical practitioner. The particulars of cause of death will not be disclosed to any person, while issuing the extract of the death register. Further Section 23(3) of the RBD Act stipulates that any medical practitioner who neglects or refuses to issue a certificate under sub-section (3) of section 10 and any person who neglects or refuses to deliver such certificate shall be punishable with fine which may extend to 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.

Two types of forms are circulated through the concerned registrars viz. Form No.4 and Form No. 4A. Form No. 4 is used for the purpose of reporting cause of death in case of death taken place in hospitals & Form No.4A is used for reporting the cause of death in domiciliary cases. Reporting of cause of death of domiciliary event is purely voluntary.

SYSTEM OF IMPLEMENTATION

All major hospitals/ health institutions both in public and private (including Charitable) are reporting death events on line, approx.600 in number. The remaining hospitals report the details of the events to the concerned registrar (B & D) along with the duly filled up form No4.

* * *

SECTION TWO

MCCD AT A GLANCE

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MCCD AT A GLANCE

The successful implementation of scheme of Medical Certification of Cause of Death and the quality of data generated under it to a great extent depends on two factors Viz. level of death registration and proportion of institutional death events. Fortunately Delhi is on a sound footing in both respects.

Statement No 2.1: Level of Death Registration:

YEAR	MID YEAR POPULATION (IN 000)	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	16860	112142	72501	155
2012	17187	104616	72340	145
2013	17559	97185	NA	NA

Statement No 2.2: No .of Institutional Deaths:

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

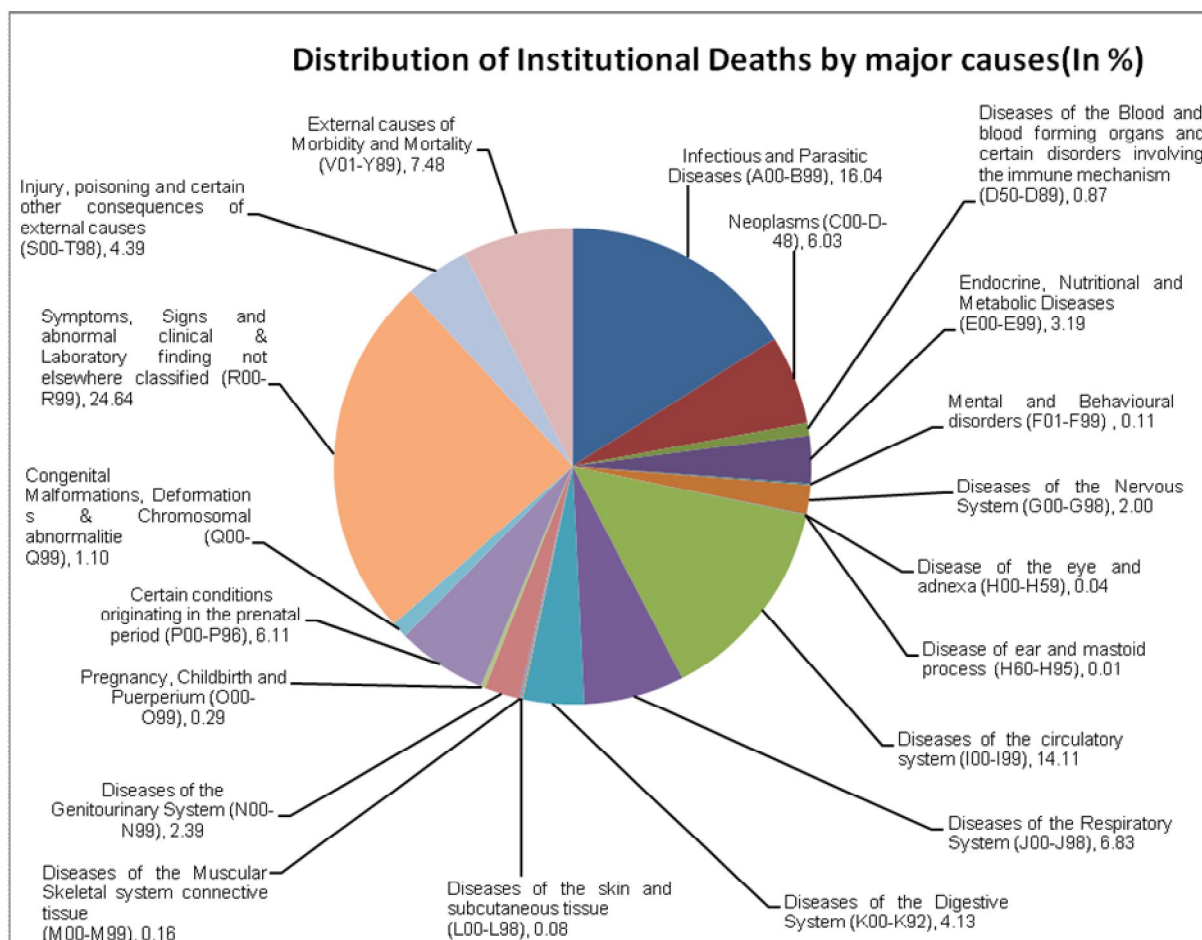
Deaths by Major Causes:

During 2013, out of 97185 (60447 males and 36738 females) deaths, 68135 deaths (42367 males and 25768 females) were covered in the MCCD. The classification of medically certified deaths by leading causes during 2013 as per International Classification of Disease 10th 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	Total	
I	Infectious and Parasitic Diseases (A00-B99)	6656	4273	10929	16.04
II	Neoplasms(C00-D48)	2379	1730	4109	6.03
III	Diseases of the Blood & blood forming organs and certain disorders involvingthe immune mechanism (D50-D89)	359	237	596	0.87
IV	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	1189	982	2171	3.19
V	Mental and Behavioural disorders(F10-F99)	52	24	76	0.11
VI	Diseases of the Nervous System (G00-G98)	857	503	1360	2.00
VII	Diseases of the eye and adnexa(H00 - H59)	19	7	26	0.04
VIII	Diseases of the ear and mastoid process (H60-H95)	3	2	5	0.01
IX	Diseases of the circulatory system (I00-I99)	6039	3578	9617	14.11
X	Diseases of the Respiratory System (J00-J98)	2852	1803	4655	6.83
XI	Diseases of the Digestive System (K00-K92)	2008	806	2814	4.13
XII	Diseases of the skin and subcutaneous tissue(L00 - L98)	28	27	55	0.08
XIII	Diseases of the Musculoskeletal system connective tissue (M00-M99)	52	59	111	0.16
XIV	Diseases of the Genitourinary System (N00 - N99)	908	718	1626	2.39
XV	Pregenancy, Childbirth and the puerperium (O 00 - O 99)	0	196	196	0.29
XVI	Certain conditions originating in the perinatal period (P00-P96)	2547	1615	4162	6.11
XVII	Congenital Malformations, Deformations & chromosomal abnormalities(Q00-Q99)	484	268	752	1.10
XVIII	Symptoms, Signs and abnormal clinical &laboratory findings nec.,(R00 - R 99)	10827	5960	16787	24.64
XIX	Injury, poisoning and certain other consequences of external causes (S00-T98)	1784	1206	2990	4.39
XX	External causes of Morbidity and Mortality (V01-Y89)	3324	1774	5098	7.48
ALL		42367	25768	68135	100.00

The following diagram will further illustrate the major causes which have accounted for deaths during 2013:-



The category of deaths due to infectious and parasitic diseases includes major diseases like Cholera, Typhoid, Diarrhea, Gastroenteritis, Tuberculosis, Leprosy, Diphtheria, Tetanus, Septicemia, Hepatitis B, HIV, Malaria etc. During 2013, deaths due to major infectious and parasitic diseases were 10929 which work out to 16.04% of the total institutional deaths. Out of this, 108 deaths are due to cholera, 3239 deaths are due to Tuberculosis, 107 deaths are due to Tetanus, 5621 are due to Septicemia, and 183 are due to Hepatitis.

The category neoplasm includes the deaths due to cancer and cancer related diseases. Total number of deaths due to cancerous diseases is 4109 which works out to 6.03% of the total institutional deaths during 2013. Cancer of oral cavity, digestive organs, respiratory and thorax organs, breast cancer, neoplasm of genitourinary organs, leukemia etc. are the important types of cancers, included in this category. Out of 4109 cancer deaths, 647 deaths are due to leukemia, 645 deaths are due to cancer of digestive organs, 465 deaths are due to cancer of respiratory and intra thoracic organs, 361 deaths are due to cancer of oral cavity, 361 deaths are due to cancer of genito urinary organs and 184 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. Total number of institutional deaths due to the above disease is 596 which work out to 0.87 % of the total institutional deaths. Out of 596 deaths, 33 are due to thalassaemia and 328 are due to anaemia.

The category endocrine, nutritional and metabolic diseases including disorders of thyroid, diabetic mellitus etc. The deaths due to the above diseases are 2171, which works out to 3.19% of the total institutional deaths. Out of 2171 deaths, 1921 deaths are due to diabetes mellitus.

The category of diseases of the nervous system include diseases like meningitis, encephalitis, epilepsy etc. This category accounts for 1360 number of deaths during 2013, which is 2.00 % of the total institutional deaths during the year. Out of 1360 deaths, 600 deaths are due to Meningitis, 199 deaths are due to encephalitis and 60 deaths are due to epilepsy.

It is noticed that the diseases of the circulatory system i.e. heart and heart related problems 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. Heart diseases account for 9617 deaths of which 6039 are males and 3578 are females. It works out to 14.11% of the total institutional deaths during 2013. Out of 9617 deaths, 3079 deaths are due to pulmonary circulation and other forms of heart diseases, 2172 deaths are due to cerebrovascular diseases, 1908 deaths are due to ischaemic heart diseases, 1015 deaths are due to chronic rheumatic heart diseases and 980 deaths are due to hypertensive 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 4655 deaths of which 2852 are male deaths and 1803 are female deaths. This is 6.83% of the total institutional deaths. Out of 4655 deaths, 1539 deaths are due to pneumonia, 134 deaths due to asthma, 128 deaths are due to acute bronchitis and acute bronchiolitis.

Another major cause of death is the diseases that affect the digestive system. This category includes gastric and duodenal ulcer, gastroenteritis, appendicitis, hernia, hepatitis, disorder of liver, disorder of pancreas etc. A total of 2814 persons (2008 males and 806 females) died of diseases connected with the digestive system during the year, 2013. It is 4.13% of the total institutional deaths. Out of 2814 deaths, 1659 deaths are due to diseases of

liver, 128 deaths are due to disorders of pancreas and 26 deaths are due to gastric and duodenal ulcer.

The diseases connected with the genitourinary system has accounted for the death of 1626 persons (908 are males and 718 are females). It is 2.39% of the total institutional deaths. This category includes 733 deaths due to renal failure.

Certain conditions originating in the perinatal period have accounted for 4162 deaths of which 2547 are male deaths and 1615 are female deaths. It is 6.11% of total institutional deaths in

Delhi. 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 4162 deaths, 1038 deaths are due to Hypoxia, birth asphyxia and other respiratory conditions and 630 deaths are due to slow foetal growth, foetal malnutrition and immaturity.

Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified account for 16787 deaths out of which 10827 male deaths and 5960 are female deaths. 24.64% of the institutional deaths during 2013 are included in this category.

Injury, poisoning and certain other consequences of external causes are responsible for 2990 deaths of which 1784 are males and 1206 are females. The main reasons of death under this category are burns and corrosions and later effects of injuries and poisoning and other consequences of external causes. The death under this category works out to 4.39% of the total institutional deaths.

ANALYSIS OF MEDICALLY CERTIFIED DEATHS BY CAUSES & AGE GROUPS:

Infant Deaths by Major Causes:

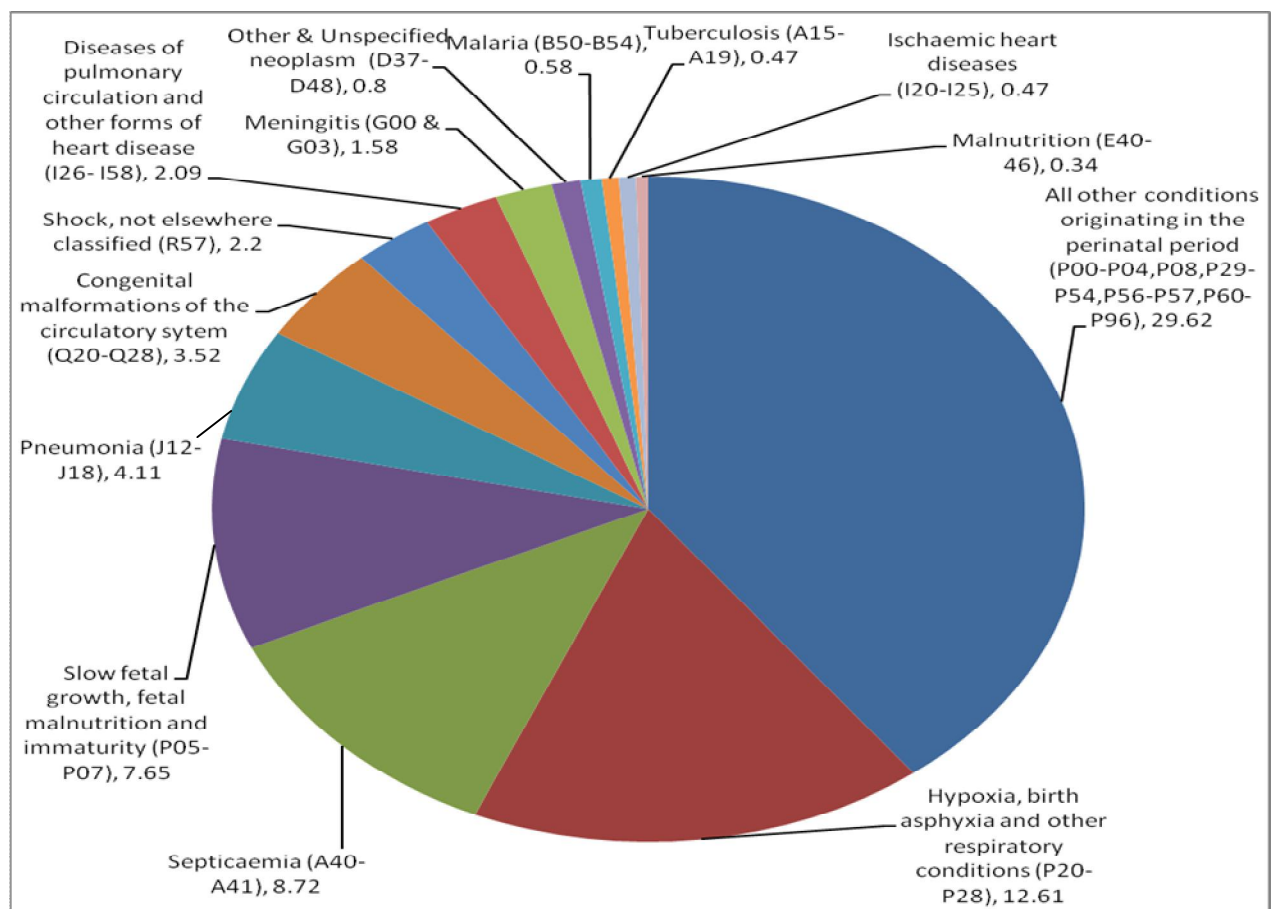
Out of total 97185 deaths, 8278 were infant deaths during 2013. Out of the 8278 infant deaths, 5015 are male infant deaths and 3263 are female infant deaths. The infant mortality rate is 22.37. The neo natal mortality rate is 15.37 and the post natal mortality rate is 7.00. Further, out of 8278 infant deaths 8233 (99.46%) were in MCCD. The following table gives the distribution of 8233 institutional infant deaths classified as per leading causes of death, having 74.77% proportion of total institutional infant deaths.

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	Total	
1	All other conditions originating in the perinatal period (P00-P04,P08,P29-P54,P56-P57,P60-P96)	1490	949	2439	29.62
2	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	627	411	1038	12.61
3	Septicaemia (A40-A41)	442	276	718	8.72
4	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	401	229	630	7.65
5	Pneumonia (J12-J18)	203	135	338	4.11
6	Congenital malformations of the circulatory sytem (Q20-Q28)	193	97	290	3.52
7	Shock, not elsewhere classified (R57)	109	72	181	2.20
8	Diseases of pulmonary circulation and other forms of heart disease (I26- I58)	110	62	172	2.09
9	Meningitis (G00 & G03)	83	47	130	1.58
10	Other & Unspecified neoplasm (D37-D48)	39	27	66	0.80
11	Malaria (B50-B54)	30	18	48	0.58
12	Tuberculosis (A15-A19)	23	16	39	0.47
13	Ischaemic heart diseases (I20-I25)	27	12	39	0.47
14	Malnutrition (E40-E46)	13	15	28	0.34
Total (1 to 14)		3790	2366	6156	74.77
All Infant Deaths (MCCD)		4992	3241	8233	100.00

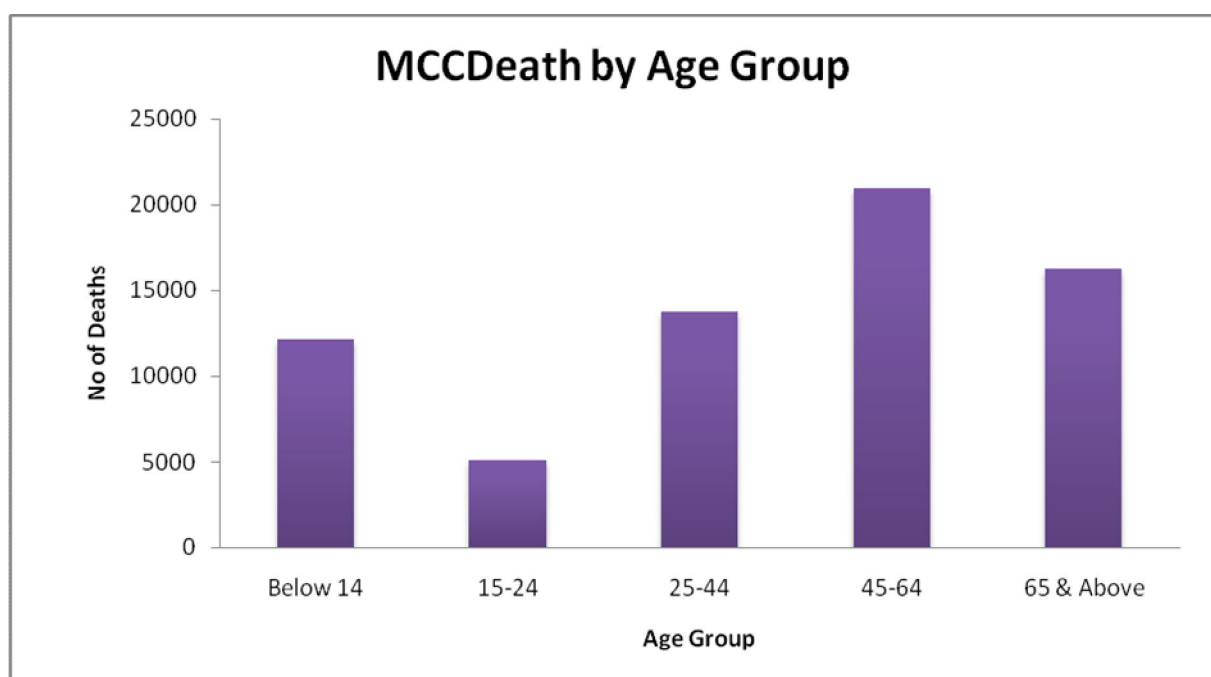
It is observed that out of the total institutional infant deaths during the year 2013, 29.62% infants died due to other conditions originating in the perinatal period, 12.61% due to Hypoxia, birth asphyxia and other respiratory conditions, 8.72% due to septicaemia, 7.65% due to slow foetal growth, foetal malnutrition and immaturity, 4.11% due to pneumonia, 3.52% due to Congenital malformations of the circulatory sytem and 2.20% deaths due to shock.

The pie diagram represents the infant deaths by major causes:



MCC Deaths by age group:

The following Bar diagram depicts the number of MCC Deaths by age groups:



Obviously, Maximum i.e. 20921 Institutional Deaths during 2013 occurred in the age group of 45-64 years followed by 16242 deaths in the age group of 65 years & above, 13737 deaths in the age groups of 25-44 years. It is observed that minimum i.e. 5099 institutional deaths occurred in the age group of 15-24 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, 2.35% (1.32% for males and 1.03% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (19.33%) deaths were due to infectious and parasitic diseases followed by 8.60% deaths due to injury, poisoning and certain other consequences of external causes; 8.29% deaths due to diseases of the respiratory system; 6.61% deaths due to diseases of nervous system; 5.17% deaths due to neoplasms and 5.05% deaths due to diseases of circulatory system.

Children aged 5-14 years:

Out of total institutional deaths, 3.37% (1.94% for males and 1.43% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (21.44%) deaths were due to infectious and parasitic diseases followed by 8% deaths due to neoplasms; 6.92% deaths due to diseases of the circulatory system; 6.70% deaths due to diseases of the nervous system; 6.61% deaths due to diseases of the respiratory system.

Persons aged 15-24 years:

Out of total institutional deaths, 7.48% (4.12% for males and 3.36% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (19.73%) deaths were due to infectious and parasitic diseases followed by 13.22% deaths due to injury and poisoning and certain other consequences of external causes; 9.90% deaths due to diseases of the circulatory system; 4.73% deaths due to diseases of the respiratory system and 2.69% deaths due to diseases of the nervous system. It is observed that out of 2290 institutional females deaths in this age group, 277 i.e.12.10% deaths were due to burns and 55 i.e.2.40% deaths due to complication of pregnancy, childbirth and the puerperium.

Persons aged 25-34 years:

Out of total institutional deaths, 9.20% (5.74% for males and 3.46% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (18.91%) deaths were due to infectious and parasitic diseases followed by 11.34% deaths due to injury & poisoning and certain other consequences of external causes; 10.58% deaths due to diseases of the circulatory system; 5.84% deaths due to diseases of the digestive system; 4.90% deaths due to diseases of the respiratory system and 4.87% deaths due to diseases of the malignant neoplasm. It is observed that out of total 2355 institutional females deaths in the age group of 25-34 years, 239 i.e.10.15% deaths were due to burns and corrosions whereas 73 i.e.3.10% women in this age group died due to complication of pregnancy, childbirth and the puerperium.

Persons aged 35-44 years:

Out of total institutional deaths, 10.96% (7.46% for males and 3.50% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (17.55%) deaths were due to infectious and parasitic diseases followed by 13.42% deaths due to diseases of the circulatory system; 7.56% deaths due to diseases of the digestive system; 7.28% deaths due to diseases of the malignant neoplasm; 6.13% deaths due to diseases of the injury and poisoning and certain other consequences of external causes; 5.22% deaths due to diseases of the respiratory system and 1.86% deaths due to diseases of the nervous system. It is observed that out of 2386 institutional female deaths in this age group, 3.31 % deaths were due to burns and corrosions whereas 35 i.e.1.47% women in this age group died due to complication of pregnancy, childbirth and the puerperium.

Persons aged 45-54 years:

Out of total institutional deaths, 13.95% (9.37% for males and 4.58% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (17.05%) deaths were due to diseases of circulatory system followed by 15.66% deaths due to the infectious and parasitic diseases; 8.49% deaths due to diseases of the malignant neoplasm; 6.42% deaths due to diseases of the respiratory system; 5.95% death due to diseases of the digestive system; 3.73% deaths due to the endocrine, nutritional & metabolic diseases; 3.07% deaths due to the injury & poisoning and certain other consequences of external causes and 2.74% deaths due to diseases of the genitourinary system.

Persons aged 55-64 years:

Out of total institutional deaths, 16.75% (10.70% for males and 6.05% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (18.47%) deaths were due to diseases of circulatory system followed by 14.71% deaths due to infectious and parasitic diseases; 8.03% deaths due to diseases of malignant neoplasm; 7.78% deaths due to diseases of the respiratory system and 5.38% deaths due to endocrine, nutritional & metabolic diseases.

Persons aged 65-69 years:

Out of total institutional deaths, 7.05% (4.33% for males and 2.72% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (19.06%) deaths were due to diseases of circulatory system followed by 15.29% deaths due to infectious and parasitic diseases; 8.18% deaths due to diseases of the respiratory system; 6.89% deaths due to diseases of the malignant neoplasm and 5.47% deaths due to endocrine, nutritional & metabolic diseases.

Persons aged 70 years and above:

Out of total institutional deaths, 16.78% (9.86% for males and 6.92% for females) were in this age group. The major group of cause of death wise analysis under this age group shows that the maximum (19.62%) deaths were due to diseases of circulatory system followed by 15.59% deaths due to infectious and parasitic diseases; 9.30% deaths due to diseases of the respiratory system; 4.88% deaths due to endocrine, nutritional & metabolic diseases and 4.65% deaths due to diseases of malignant neoplasms.

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 2001-2013, in Delhi, approx. 60% 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 2008 to 2010 :

Statement No. 2.5 Percentage of MCCDeaths to Registered Deaths in States/UTs.

S.N.	Name of State/ UT	No.Of Registered Death			Percentage of MCCDeaths			
		2008	2009	2010	2008	2009	2010	
1	2	3	4	5	7	8	9	
1	Andhra Pradesh	412561	434064	415050	14.9	15.4	17.9	
2	Arunachal Pradesh	1598	1580	2593	-	-	-	
3	Assam	80211	99165	103943	27.3	20.6	13.4	
4	Bihar	168133	137801	108705	7.5	11.2	7.7	
5	Chhattisgarh	107017	109230	115544	7.7	8.7	9.8	
6	Goa	11891	11858	11998	100	100	100	
7	Gujarat	311990	317985	323689	15.9	17.9	20.1	
8	Haryana	143929	141681	147113	16.3	18.0	18.2	
9	Himachal Pradesh	42386	42393	41798	10.00	11.0	12.1	
10	Jammu & Kashmir	35265	35997	35360	-	-	-	
11	Jharkhand	96798	107940	107916	-	0.5	0.1	
12	Karnataka	372062	373290	381743	30.3	30.9	31.8	
13	Kerala	221769	232020	238864	9.5	11.0	12.2	
14	Madhya Pradesh	304783	322335	325118	11.3	11.6	12.3	
15	Maharashtra	629770	633206	663383	34.6	33.5	32.2	
16	Manipur	3323	4296	4157	76.7	49.0	55.3	
17	Meghalaya	10850	14842	13863	40.3	34.3	18.8	
18	Mizoram	5587	5942	5365	43.2	49.3	48.1	
19	Nagaland	7347	6465	6836	2.9	3.8	2.9	
20	Odisha	272417	284419	278710	11.3	12.2	12.5	
21	Punjab	183141	185930	186519	10.7	11.0	10.9	
22	Rajasthan	328953	337248	370460	9.8	9.5	10.0	
23	Sikkim	2890	3125	3035	32.00	35.4	37.7	
24	Tamilnadu	429981	447900	472450	29.5	32.7	30.1	
25	Tripura	NA	NA	7810	-	-	-	
26	Uttarakhand	27990	29696	29127	10.6	10.7	11.8	
27	Uttar Pradesh	927328	868240	813822	-	-	-	
28	West Bengal	360977	346630	319581	3.6	5.7	6.4	
UTs								
1	A&N Islands	1824	1899	2000	54.0	48.3	41.7	
2	Chandigarh	14098	14918	15105	-	-	-	
3	Dadra & Nagar Haveli	1187	1201	1216	-	-	-	
4	Daman & Diu	962	1017	1012	-	-	-	
5	Delhi	107600	112013	124353	53.09	61.04	61.42	
6	Lakshadweep	370	316	289	-	-	-	
7	Puducherry	11519	11681	12022	63.2	59.8	60.2	

SECTION THREE

TIME SERIES ANALYSIS OF MEDICALLY CERTIFIED CAUSE OF DEATH

SECTION THREE

TIME SERIES ANALYSIS OF MEDICALLY CERTIFIED CAUSE OF DEATH

This Section is devoted to the analysis of trends in the deaths registered in Delhi during the period 2001 to 2013. This section also attempts an analysis of the trends in deaths due to specific causes like heart attack, cancer, tuberculosis, pneumonia and diabetic mellitus in Delhi during 2001-2013.

Medical Certification of cause of deaths in retrospect (2001-2013)

It is observed that during the period from 2001-2013, the level of institutional deaths in Delhi has varied between 55.53 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 regarding mandatory provision of providing cause of death for every institutional death in Delhi was issued. The following table shows the percentage distribution of medically certified cause of deaths i.e. the proportion of institutional deaths to total deaths.

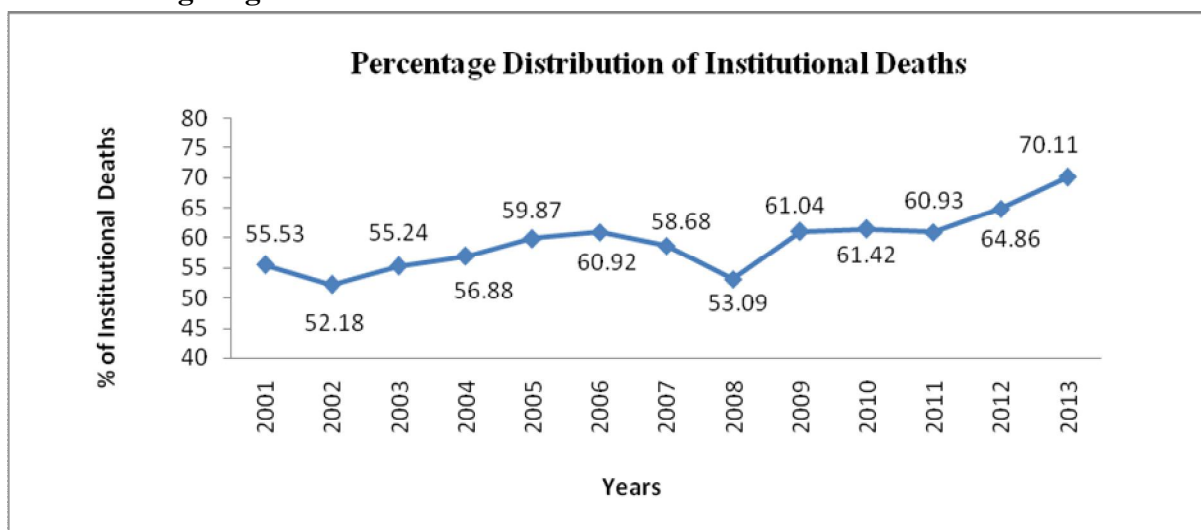
Statement No 3.1: Distribution of Institutional Deaths during pre and post MCCD Notification (Year-2003):

Year	Total Deaths	Institutional Deaths	Percentage
A. Prior to Notification			
2001	81100	45034	55.53
2002	86176	44965	52.18
B. After Notification			
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

From the table, it is clear that the total No. of deaths in Delhi has increased from 81100 in the year 2001 to 97185 in the year 2013. It may be observed that during the year 2007 to 2012,

the number of deaths in Delhi were above one lac. During the period of 2001 to 2013, the lowest number of deaths i.e. 81100 were reported in 2001 and the highest number i.e. 124353 were reported in 2010. It is also observed that the proportion of institutional deaths to total deaths was in the range of 52 to 60 percent during 2001 to 2008 and above 60% from the year 2009. During the year 2013, this proportion was maximum to the level of 70 percent 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 pertains to the percentage distribution of institutional deaths clearly reflect that after the year 2008, the proportion of institutional deaths is lying between 61 to 71 percent.

Local Body wise Institutional Deaths

The Municipal Corporation of Delhi has been trifurcated in to 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 in 2013 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 2013 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 2013:

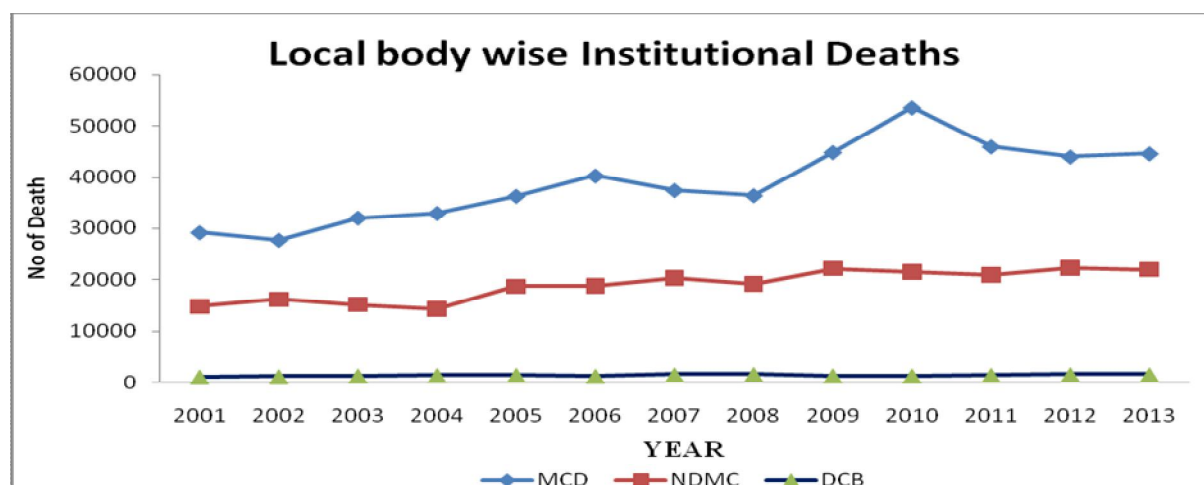
Statement No 3.2 Distribution of Institutional Deaths Local body wise :

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	59296
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-2013	North DMC (i)	South DMC (ii)	East DMC (iii)	Total MCD (i)+(ii)+(iii)	NDMC	DCB	Total
	21136	12282	11139	11139	22070	1508	68135

The time series given in statement 3.2 shows that 1292375 deaths were registered in Delhi during the period from 2001 to 2013 and out of these 59.51% were institutional deaths. The local body wise analysis of proportion of institutional deaths during 2013 reflect that maximum 32.39% were in NDMC followed by 31.02% in North DMC, 18.03% in South DMC, 16.35% in East DMC and 2.21% in DCB. Evidently, maximum institutional deaths were in NDMC and it is due to the presence of big central government hospitals in NDMC area, however 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 :



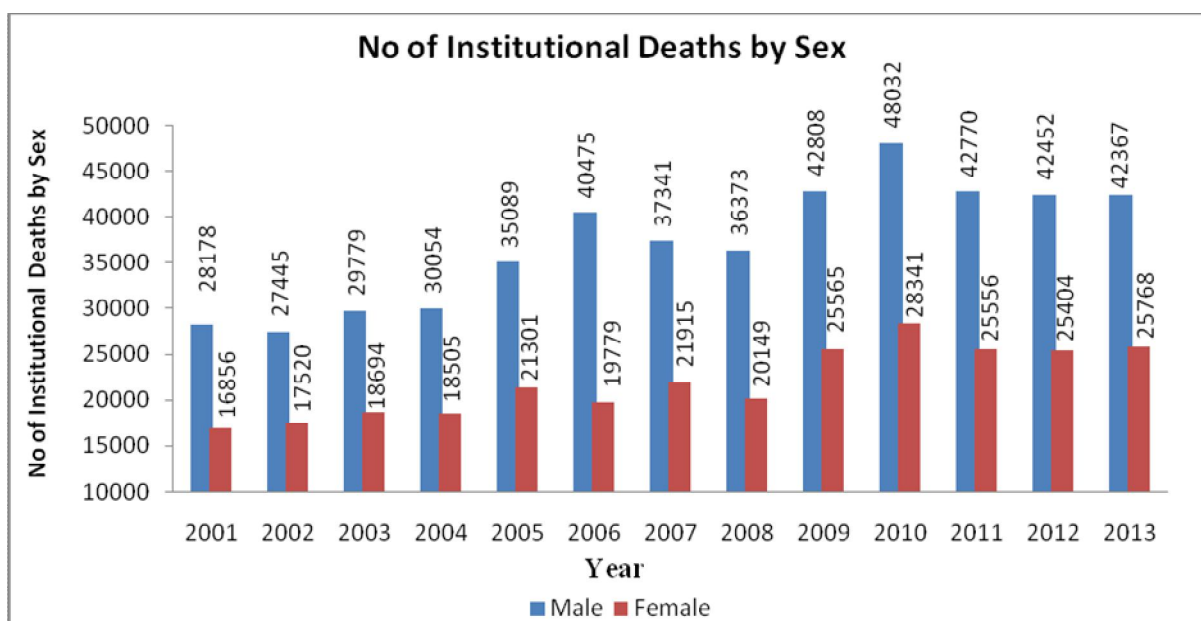
Sex-wise and age-wise analysis of institutional deaths during 2001-2013.

The following table shows the number of institutional deaths sex-wise during the period 2001-2013:

Statement No 3.3: Distribution of Institutional Deaths by sex:

Year	Male	Female	Total
2001	28178	16856	45034
2002	27445	17520	44965
2003	29779	18694	48473
2004	30054	18505	48559
2005	35089	21301	56390
2006	40475	19779	60254
2007	37341	21915	59296
2008	36373	20149	57122
2009	42808	25565	68373
2010	48032	28341	76373
2011	42770	25556	68326
2012	42452	25404	67856
2013	42367	25768	68135

From the table, it is clear that during the period 2001-2013 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 2006 whereas it is the minimum during the year 2002.



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 42367 in 2013, whereas the number of female deaths has increased from 16856 in 2001 to 25768 in 2013. Obviously, the percentage increase in number of male deaths is 50.35 % and it is 52.87 % in number of female deaths.

The age-wise analysis of the institutional deaths will make the picture more clear. 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 2001-2013:

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

age group wise % of MCCD deaths							
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

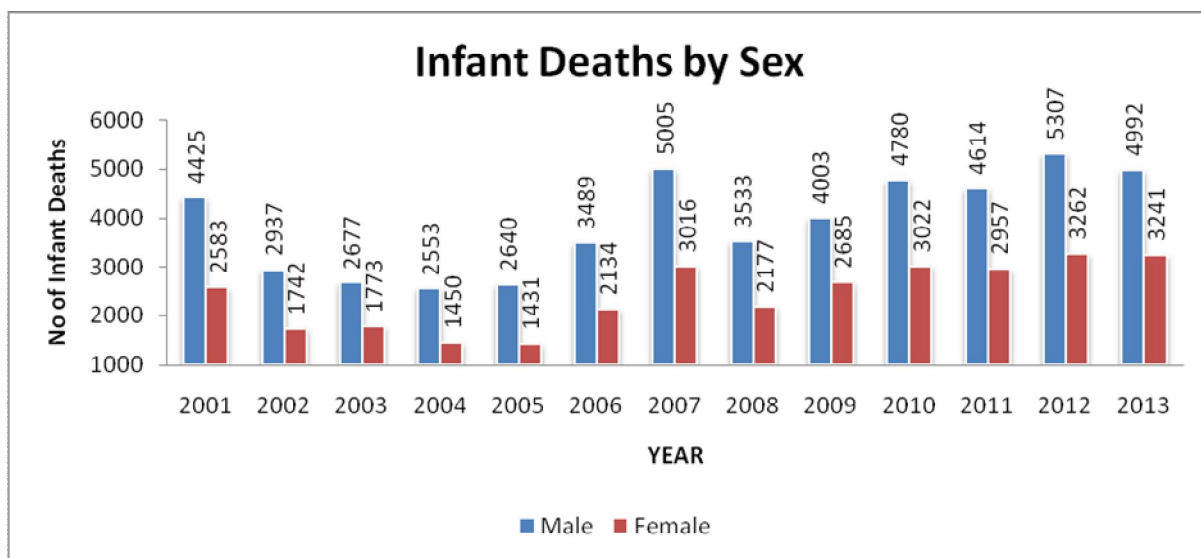
The age group wise analysis of institutional deaths reflect that in the age group of 14 years & below the percentage of institutional deaths to total institutional deaths during the period 2001-2013 has come down from 25.35% to 17.81%. It is also observed that almost similar pattern exist in r/o percentage of institutional deaths in the age group of 15-24 years and 25-44 years to total institutional deaths during the period 2001 to 2013. On the other hand, it has increased from 24.60% to 30.71% in the age group of 45-64 years and from 18.38% to 23.84 % 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 2001-2013:

During the period 2001-2013, 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	Total
2001	4425	2583	7008
2002	2937	1742	4679
2003	2677	1773	4450
2004	2553	1450	4003
2005	2640	1431	4071
2006	3489	2134	5623
2007	5005	3016	8021
2008	3533	2177	5710
2009	4003	2685	6688
2010	4780	3022	7802
2011	4614	2957	7571
2012	5307	3262	8569
2013	4992	3241	8233



Major causes of death during 2001-2013:

The following table shows the number of deaths due to heart attack and related heart diseases during 2001-2013 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	61.10
2003	11721	9577	81.71
2004	12669	9976	78.74
2005	8576	6448	75.19
2006	8836	6848	77.50
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
Total	151482	123091	81.26

During the period 2001-2013, 151482 deaths (100443 male and 51039 female) in Delhi were due to heart attack and heart related diseases. Out of this 123091 (81.26%) were occurred in hospitals. The maximum number of 16158 deaths were reported in 2009 and the minimum number of 8136 deaths were reported in 2001.

It is observed that out of total deaths due to heart diseases during 2001-2013 the proportion of institutional deaths varied between 61.10% to 99.75%. The maximum number of 13904 institutional deaths due to heart diseases were reported in 2009 whereas the lowest number of 6448 institutional deaths were reported in 2005.

Age group wise & Sex wise breakup of institutional deaths due to heart attack/diseases during 2001-2013 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 & Below	5907	7.50	3609	8.13	9516	7.73
15-24	4427	5.62	3051	6.88	7478	6.08
25-44	15414	19.58	7929	17.87	23343	18.96
45-64	29213	37.11	13924	31.39	43137	35.04
65 & above	23371	29.69	15595	35.15	38966	31.66
Not stated	395	0.50	256	0.58	651	0.53
Total	78727	100.00	44364	100.00	123091	100.00

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 2001-2013, 43137 persons died due to heart attack in the age group of 45 to 64 years, 38966 in the age group of 65 years & above and 23343 in the age group of 25 to 44 years.

Sex group wise analysis reflect that in case of males 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 indicate that in the age group of 45-64 years number of male deaths due to heart attack/diseases is more than double of female deaths. Approx. 37% 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 number of deaths occurred in hospitals in Delhi during the period 2001-2013:

No 3.8: Institutional deaths due to Pneumonia:

Year	No. of Deaths due to Pneumonia	No. of Deaths in Hospitals	Hospitals deaths (in %age)
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
Total	20212	18656	92.30

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

The institutional deaths out of total deaths due to pneumonia varied between 80.34% to 99.48% during the 2001- 2013. The maximum number of 2185 institutional deaths due to pneumonia were reported in 2010 whereas the lowest number of 810 institutional deaths were reported in 2006.

Age group wise & Sex wise occurrence of institutional deaths due to pneumonia during 2001-2013 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
14 years & Below	4385	38.54	3130	42.42	7515	40.06
15-24	812	7.14	670	9.08	1482	7.90
25-44	1625	14.28	947	12.83	2572	13.71
45-64	2374	20.86	1288	17.46	3662	19.53
65 & above	2111	18.55	1313	17.79	3424	18.25
Not stated	72	0.63	31	0.42	103	0.55
Total	11379	100.00	7379	100.00	18758	100.00

The institutional deaths due to pneumonia are the maximum in the age group of 14 years & below followed by 45-64 years age group and 65 & above age group. During the 2001-2013, 7515 persons died of pneumonia in the age group of 14 years & below, 3662 in the age group of 45-64 years and 3424 in the age group of 65 years & above.

The sexwise analysis of deaths due to pneumonia reflect that maximum deaths were in the age group of 14 years & below in case of both i.e.males and females. Evidently, the statement 3.9 indicate that out of total institutional deaths due to Pneumonia, approx. 40% deaths were in the age group of 14 years & below.

Institutional deaths due to Tuberculosis:

The following table shows the total deaths due to tuberculosis and out of these number of deaths occurred in hospitals in Delhi during the period 2001-2013:

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
Total	43209	36387	84.21

The analysis of data reveals that the maximum number of 4924 deaths due to tuberculosis were reported in 2003 and the minimum number of 1881 deaths were reported in 2001.

The institutional deaths due to tuberculosis varied between 73.05% to 90.80% during the years 2001-2013. The maximum number of 3603 institutional deaths due to tuberculosis were reported in 2011 whereas the lowest number of 1473 institutional deaths were reported in 2001.

Age group-wise & Sex wise occurrence of institutional deaths due to tuberculosis during 2001-2013 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
14 & below	1421	5.93	1406	11.30	2827	7.77
15-24	2395	10.00	2645	21.27	5040	13.85
25-44	7576	31.63	3756	30.21	11332	31.14
45-64	8559	35.74	3029	24.35	11588	31.85
65 & above	3897	16.27	1542	12.40	5439	14.95
Not stated	102	0.43	59	0.47	161	0.44
Total	23950	100.00	12437	100.00	36387	100.00

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 2001-2013, 11588 persons died of tuberculosis in the age group of 45-64 years, 11332 in the age group of 25-44 years and 5439 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 (35.74%) are in the age group of 45-64 years whereas in females it is maximum (30.21%) 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 more than double 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 number of deaths occurred in hospitals in Delhi during the period 2001-2013:

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	71.30
2005	2009	1545	76.90
2006	2060	1471	71.41
2007	2597	1911	73.58
2008	3070	2204	71.79
2009	3936	3227	81.99
2010	5728	5436	94.90
2011	9925	9266	93.36
2012	6444	5772	89.57
2013	5570	4109	73.77
Total	47030	38830	82.56

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 94.90% during 2001-2013. 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 2001-2013 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
14 & below	2603	10.94	1538	10.24	4141	10.66
15-24	1832	7.70	941	6.26	2773	7.14
25-44	4975	20.90	3116	20.74	8091	20.84
45-64	8880	37.30	6066	40.37	14946	38.49
65 & above	5326	22.37	3244	21.58	8570	22.07
Not stated	188	0.79	121	0.81	309	0.80
Total	23804	100.00	15026	100.00	38830	100.00

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 25-44years age group. During 2001-2013, out of total deaths due to cancer, the maximum (38.49%) deaths were occurred in the

age group of 45-64years, 22.07% deaths in the age group of 65 years & above and 20.84% deaths in the age group of 25-44 years.

The sex 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 followed by 65 years & above.

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 2001-2013:

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
Total	29131	27039	92.82

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 96.64% during the years 2001-2013.

Age group wise & sex wise occurrence of institutional deaths due to Diabetic Mellitus during 2001-2013 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	Male	%age	Female	%age	Total	%age
14 years & Below	2361	15.27	1689	14.58	4050	14.98
15-24	722	4.67	586	5.06	1308	4.84
25-44	1843	11.93	1451	12.53	3294	12.18
45-64	5553	35.92	3872	33.43	9425	34.86
65 & above	4942	31.97	3952	34.13	8894	32.89
Not stated	37	0.24	31	0.27	68	0.25
Total	15458	100.00	11581	100.00	27039	100.00

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 2001-2013, out of total institutional deaths due to diabetic mellitus, the maximum (34.86%) deaths were in the age group of 45-64 years and 32.89% 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 & below is higher than the deaths in the age group of 15-24 years and 25-44 years.

The sexwise analysis reflect that the maximum (35.92%) males deaths due to diabetic mellitus are in the age group of 45-64 years while for females it is maximum (34.13%) in the age groups of 65 years & above

Institutional Burns deaths by Age and Sex:

The sexwise and age groupwise number of institutional deaths due to burns during the period 2001-2013 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 & Below		15-24 Years		25-44 Years		45-64 Years		65 & Above		Total		
	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	453	430	883
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	384	461	845
2009	40	48	98	169	172	251	58	38	10	16	378	524	902
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
Total	737	672	1260	2467	2214	3328	783	556	287	388	5284	7413	12697

During the period 2001 to 2013 total burn deaths in Delhi are 12697. Out of which 5284 are male deaths and 7413 are female deaths. Obviously, the number of female burn deaths are much higher than that of the male burn deaths. During the period 2001 to 2013, maximum number of burn deaths i.e. 1422 were 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 43.65% followed by 29.35% in the age group of 15-24 years.

* * *

SECTION FOUR

STATISTICAL TABLES

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)	M	571	166	248	495	713	892	1030	1039	463	1039	0	6656
		F	367	144	245	511	472	419	459	640	272	744	0	4273
1	INTESTINAL INFECTIOUS DISEASES (A00-A09)	M	28	7	12	8	10	20	26	28	13	24	0	176
		F	10	7	4	11	8	11	18	19	12	25	0	125
1	Cholera (A00)	M	1	0	0	3	8	10	15	11	7	16	0	71
		F	0	0	1	3	5	3	4	7	3	11	0	37
2	Typhoid Fever and paratyphoid fevers(A01)	M	1	1	2	2	1	1	5	5	1	3	0	22
		F	0	0	1	3	1	2	5	5	5	2	0	24
3	Food Poisoning (A02,A05)	M	0	0	0	0	0	1	0	1	0	0	0	2
		F	1	0	0	0	0	0	0	0	0	1	0	2
4	Shigellosis (A03)	M	9	3	4	1	0	4	3	4	0	2	0	30
		F	2	2	0	1	0	2	4	1	0	0	0	12
5	Amocbiasis (A06)	M	0	0	1	0	0	0	0	1	0	0	0	2
		F	1	0	0	0	0	0	1	0	0	0	0	2
6	Diarrhoea and gastroenteritis of presumed infectious origin (A09)	M	17	3	5	2	1	4	2	6	4	3	0	47
		F	6	5	2	4	2	4	2	6	4	10	0	45
7	Other intestinal infectious diseases (A04,A07-A08)	M	0	0	0	0	0	0	1	0	1	0	0	2
		F	0	0	0	0	0	0	2	0	0	1	0	3
2	Tuberculosis (A15-A19)	M	23	23	31	205	332	405	410	341	161	231	0	2162
		F	16	8	70	246	173	127	129	140	56	112	0	1077
1	Respiratory Tuberculosis (A15-16)	M	16	5	11	156	272	338	348	300	141	185	0	1772
		F	11	0	48	187	125	101	106	100	37	87	0	802
2	Tuberculosis of nervous system(A17)	M	6	13	12	26	33	30	33	16	7	18	0	194
		F	5	8	10	25	24	13	11	21	8	13	0	138

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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	1	5	8	23	27	37	29	25	13	28	0	196
		F	0	0	12	34	24	13	12	19	11	12	0	137
3	Other bacterial diseases (A20-A49)	M	463	103	131	153	242	334	493	586	256	724	0	3485
		F	299	92	110	157	185	193	244	419	187	569	0	2455
1	Plague (A20)	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
2	Leprosy (A30)	M	0	0	0	2	1	1	6	4	1	6	0	21
		F	0	0	0	0	0	1	0	1	1	1	0	4
3	Neontorum Tetanus (A33)	M	15	1	2	1	10	4	5	8	1	10	0	57
		F	13	1	1	4	3	4	0	2	2	2	0	32
4	Other Tetanus (A34-A35)	M	0	0	3	1	1	1	3	1	0	0	0	10
		F	1	1	2	2	1	0	0	1	0	0	0	8
5	Diphtheria (A36)	M	2	13	28	0	5	2	0	0	0	1	0	51
		F	4	8	20	2	2	0	1	1	2	0	0	40
6	Whooping cough (A37)	M	0	0	0	0	0	1	0	0	0	1	0	2
		F	0	0	0	0	0	0	0	0	1	0	0	1
7	Meningococcal infection (A39)	M	2	0	0	2	5	0	4	3	1	2	0	19
		F	2	3	0	0	2	1	3	3	2	3	0	19
8	Septicaemia (A40-A41)	M	442	89	97	146	218	322	470	566	250	694	0	3294
		F	276	79	86	148	177	180	239	407	178	557	0	2327
9	All other types of bacterial Diseases (A21-A28,A31-A32,A38,A42-A49)	M	2	0	1	1	2	3	5	4	3	10	0	31
		F	3	0	1	1	0	7	1	4	1	6	0	24

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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	Infections with a predominantly sexual mode of transmission (A50-A64)	M	1	1	0	0	1	2	3	2	1	6	0	17
		F	3	1	2	1	0	1	0	1	0	7	0	16
1	Syphilis(A50-53)	M	1	1	0	0	1	2	3	2	1	6	0	17
		F	3	1	2	1	0	1	0	1	0	7	0	16
2	Other Types of infections with a predominatly 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	0	0	0	0
5	Viral diseases (A70-A74 & A80-B34)	M	17	23	63	97	102	101	73	64	25	38	0	603
		F	11	30	49	75	87	63	51	43	12	23	0	444
1	Acute Poliomyelitis(A80)	M	2	0	0	2	0	3	1	6	1	1	0	16
		F	0	1	0	2	0	1	0	1	0	4	0	9
2	Rabies(A82)	M	0	0	2	4	2	3	0	0	1	0	0	12
		F	0	0	1	0	1	1	0	1	0	1	0	5
3	Japanese encephalitis (A83.0)	M	1	0	0	1	3	1	0	0	0	0	0	6
		F	1	0	1	0	1	0	0	0	0	0	0	3
4	Other Viral encephalitis (A83.1-A83.9, A84-A86)	M	4	6	6	3	4	1	0	1	2	1	0	28
		F	1	6	6	2	3	0	0	2	0	2	0	22
5	Dengue fever (A90)	M	2	4	34	42	38	33	22	12	3	10	0	200
		F	4	16	30	38	45	21	23	23	4	9	0	213
6	Other arthropod-borne viral fevers and viral haemorrhagic favers (A-91-A94, A96-A99)	M	0	0	1	6	3	2	3	3	2	0	0	20
		F	1	0	4	5	4	5	4	1	0	0	0	24
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
8	Measles (B05)	M	1	0	0	1	0	0	0	1	0	0	0	3
		F	0	1	0	0	0	0	0	0	1	0	0	2
9	Acute Hepatitis B (B16)	M	1	1	4	10	12	14	13	18	6	13	0	92
		F	2	1	1	7	8	5	10	5	4	3	0	46

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Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
10	Other viral hepatitis (B15, B17-B19)	M	0	4	0	4	4	1	2	5	1	0	0	21
		F	0	1	0	8	4	4	2	3	1	1	0	24
11	Human immunodeficiency virus (HIV) disease (B20-B24)	M	4	2	3	11	27	29	21	9	6	5	0	117
		F	1	1	2	6	13	19	6	1	2	1	0	52
12	All other types of viral diseases (A70-A74,A81,A87-A89,A95,B00-B02,B04,B06-B09 &B25-B34)	M	2	6	13	13	9	14	11	9	3	8	0	88
		F	1	3	4	7	8	7	6	6	0	2	0	44
6	Protozoal diseases (B50-B64)	M	31	7	9	31	22	25	23	14	5	12	0	179
		F	18	6	10	19	16	16	16	15	3	5	0	124
1	Malaria (B50-B54)	M	30	7	9	31	22	22	23	12	5	12	0	173
		F	18	6	10	19	16	16	16	15	3	4	0	123
2	All other types of protozoal diseases (B55-B64)	M	1	0	0	0	0	3	0	2	0	0	0	6
		F	0	0	0	0	0	0	0	0	0	1	0	1
7	Other certain infectious and parasitic diseases & late effect of infectious and parasitic diseases (A65-A69 & A75-A79, B35-B49&B65-B99)	M	8	2	2	1	4	5	2	4	2	4	0	34
		F	10	0	0	2	3	8	1	3	2	3	0	32
1	Filariasis (B74)	M	0	1	0	1	2	1	1	2	0	2	0	10
		F	1	0	0	1	3	1	1	2	0	1	0	10
2	Other helminthiasis (B65-B73,B75,B77-B83)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	1	0	0	1	0	0	0	0	1	1	0	4
3	Other spirochaetal diseases and Rickettsioses (A65-A69 & A75-A79)	M	0	0	0	0	0	1	0	0	0	2	0	3
		F	0	0	0	0	0	1	0	0	0	0	0	1
4	All other infectious and parasitic diseases & late effects of infectious and parasitic diseases (B35-B49,B76,B85-B99)	M	8	1	2	0	2	3	1	2	2	0	0	21
		F	8	0	0	0	0	6	0	1	1	1	0	17

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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)
II	NEOPLASMS(C00-D48)	M	74	53	121	170	170	272	447	519	205	348	0	2379
		F	54	30	63	108	135	272	360	398	126	184	0	1730
8	Malignant neoplasms of lip. Oral cavity cavity and pharynx (C00-C14)	M	0	0	0	4	14	53	70	80	27	37	0	285
		F	2	0	1	0	3	11	20	22	8	9	0	76
1	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	0	0	0	4	14	53	70	80	27	37	0	285
		F	2	0	1	0	3	11	20	22	8	9	0	76
9	Malignant neoplasms of digestive organs (C15-C26)	M	7	2	1	7	25	41	94	85	38	52	0	352
		F	3	1	3	5	19	39	76	83	30	34	0	293
1	Malignant neoplasm of oesophagus (C15)	M	0	0	0	2	2	9	27	29	9	14	0	92
		F	1	0	1	0	5	16	28	38	13	8	0	110
2	Malignant neoplasm of stomach (C16)	M	0	1	0	0	6	11	20	10	4	8	0	60
		F	0	0	0	3	4	2	11	8	2	3	0	33
3	Malignant neoplasm of small intestine including deodenum (C17)	M	1	0	0	0	0	0	1	2	0	0	0	4
		F	0	0	0	0	1	1	0	0	0	1	0	3
4	Malignant neoplasm of colon (C18)	M	3	0	0	3	4	3	10	4	3	4	0	34
		F	1	1	1	0	2	2	4	2	0	4	0	17
5	Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal (C19-C21)	M	0	0	0	2	7	2	7	9	0	5	0	32
		F	0	0	0	0	5	0	4	2	1	2	0	14
6	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	M	3	1	1	0	3	8	11	17	7	12	0	63
		F	0	0	1	1	1	9	9	13	5	3	0	42
7	Malignant neoplasm of pancreas (C25)	M	0	0	0	0	1	5	11	4	7	4	0	32
		F	0	0	0	1	1	1	2	4	3	4	0	16
8	Other malignant neoplasms of digestive organs (C23-C24, C26)	M	0	0	0	0	2	3	7	10	8	5	0	35
		F	1	0	0	0	0	8	18	16	6	9	0	58

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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)
10	Malignant neoplasm of respiratory and intrathoracic organs (C30-C39)	M	2	3	1	2	7	33	82	117	49	89	0	385
		F	0	0	1	1	4	11	19	22	11	11	0	80
1	Malignant neoplasm of larynx (C32)	M	0	1	0	0	0	6	13	20	9	19	0	68
		F	0	0	0	1	0	0	1	2	1	0	0	5
2	Malignant neoplasm of trachea, bronchus and lung (C33-C34)	M	2	0	1	2	7	27	69	96	40	68	0	312
		F	0	0	0	0	4	11	18	20	9	10	0	72
3	Other malignant neoplasm of respiratory and intrathoracic organs (C30-C31, C37-C39)	M	0	2	0	0	0	0	0	1	0	2	0	5
		F	0	0	1	0	0	0	0	0	1	1	0	3
11	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)	M	6	3	11	6	9	4	8	8	1	2	0	58
		F	6	2	6	10	19	62	55	44	10	14	0	228
1	Malignant neoplasm of bone & articular cartilage (C40-C41)	M	2	0	7	3	5	2	6	6	1	1	0	33
		F	2	2	4	5	1	4	3	3	1	3	0	28
2	Malignant melanoma of skin (C43)	M	4	1	0	0	2	1	1	0	0	0	0	9
		F	2	0	0	0	0	1	0	2	0	1	0	6
3	Other malignant neoplasms of skin (C44)	M	0	0	1	0	0	1	0	1	0	0	0	3
		F	0	0	0	0	0	0	0	0	0	0	0	0
4	Malignant neoplasms of mesothelial and soft tissue (C45-C49)	M	0	2	3	3	2	0	1	1	0	1	0	13
		F	0	0	2	0	2	1	1	4	0	0	0	10
5	Malignant neoplasm of breast (C50)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	2	0	0	5	16	56	51	35	9	10	0	184
12	Malignant neoplasms of genitourinary organs (C51-C68)	M	1	4	3	3	3	6	12	23	21	37	0	113
		F	6	3	3	10	14	42	66	66	14	24	0	248
1	Malignant neoplasm of cervix uteri (C53)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	3	1	1	3	5	23	25	31	8	7	0	107
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	1	1	1	0	4	1	1	0	9

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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)
3	Malignant neoplasm of ovary (C56)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	1	4	7	15	29	25	4	11	0	96
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
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	0	0	0	3	0	0	0	0	3
6	Malignant neoplasm of prostate (C61)	M	0	0	0	0	0	1	0	7	13	23	0	44
		F	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	1	1	0	2	0	1	3	0	0	0	8
		F	0	0	0	0	0	0	0	0	0	0	0	0
8	Malignant neoplasm of bladder (C67)	M	1	1	2	2	1	5	8	10	8	12	0	50
		F	2	0	1	2	0	2	7	6	1	5	0	26
9	Other malignant neoplasms of urinary tract (C64-C66,C68)	M	0	2	0	1	0	0	3	3	0	2	0	11
		F	1	2	0	0	0	1	2	0	0	0	0	6
13	Malignant neoplasms of eye, brain and other parts of central nervous system (C69-C72)	M	3	3	12	6	7	9	5	7	1	4	0	57
		F	2	4	3	5	4	5	7	5	4	1	0	40
1	Malignant neoplasm of eye & adnexa (C69)	M	3	0	3	1	1	3	2	4	0	0	0	17
		F	1	1	0	2	1	1	4	2	0	1	0	13
2	Malignant neoplasm of meninges, brain and other parts of central nervous system (C70-C72)	M	0	3	9	5	6	6	3	3	1	4	0	40
		F	1	3	3	3	3	4	3	3	4	0	0	27
14	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	M	1	2	4	8	8	7	16	28	4	7	0	85
		F	1	4	1	2	5	6	12	11	3	2	0	47
1	Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites (C73-C80 & C97)	M	1	2	4	8	8	7	16	28	4	7	0	85
		F	1	4	1	2	5	6	12	11	3	2	0	47

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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)
15	Maligant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	M	11	30	83	115	72	80	81	79	33	35	0	619
		F	4	12	38	60	48	44	49	58	19	21	0	353
1	Hodgkin's disease (C81)	M	2	0	6	6	3	5	7	9	4	5	0	47
		F	2	0	2	2	1	5	3	4	7	4	0	30
2	Non-Hodgkin's lymphoma (C82-C85)	M	3	6	11	8	16	14	22	19	6	6	0	111
		F	0	1	1	4	3	4	8	13	4	6	0	44
3	Multiple myeloma and malignant plasms cell neoplasms (C90)	M	0	0	0	0	0	6	13	16	9	12	0	56
		F	0	0	0	0	0	6	9	16	4	1	0	36
4	Leukaemia (C91-C95)	M	5	24	66	101	53	55	39	35	14	12	0	404
		F	2	11	35	54	44	29	29	25	4	10	0	243
5	Other malignant neoplasms of lymphoid, haematopoietic and related tissue (C88 & C96)	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
16	Carcinoma in situ(D00-D09)	M	3	0	0	4	5	11	36	61	18	58	0	196
		F	0	1	2	5	9	29	37	51	18	41	0	193
	Carcinoma in situ (D00-D09)	M	3	0	0	4	5	11	36	61	18	58	0	196
		F	0	1	2	5	9	29	37	51	18	41	0	193
17	Benign neoplasms (D10-D36)	M	1	2	1	6	15	12	36	25	9	22	0	129
		F	3	0	1	5	3	11	15	24	6	20	0	88
1	Leiomyoma of uterus (D25)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	2	1	1	2	0	0	6
2	All other benign neoplasms (D10-D24, D26-D36)	M	1	2	1	6	15	12	36	25	9	22	0	129
		F	3	0	1	5	3	9	14	23	4	20	0	82

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
18	Other & Unspecified neoplasm (D37-D48)	M	39	4	5	9	5	16	7	6	4	5	0	100
		F	27	3	4	5	7	12	4	12	3	7	0	84
	Other and unspecified neoplasm (D37-D48)	M	39	4	5	9	5	16	7	6	4	5	0	100
		F	27	3	4	5	7	12	4	12	3	7	0	84
III	diseases of the Blood & blood forming organs and certain disorders involving the immune mechanism (D50-D89)	M	22	11	43	62	33	33	52	52	14	37	0	359
		F	18	11	25	40	33	27	21	26	10	26	0	237
19	diseases of the Blood & blood forming organs and certain disorders involving the immune mechanism (D50-D89)	M	22	11	43	62	33	33	52	52	14	37	0	359
		F	18	11	25	40	33	27	21	26	10	26	0	237
1	Thalassaemia (D56)	M	1	2	1	2	0	1	4	4	0	1	0	16
		F	0	1	0	3	4	0	3	3	1	2	0	17
2	Other anaemias (D50-D55,D57-D64)	M	9	6	35	44	16	13	24	25	5	14	0	191
		F	7	5	18	27	18	16	13	13	6	14	0	137
3	All other diseases of blood and blood- forming organs (D65-D76)	M	12	1	4	11	11	12	9	8	1	4	0	73
		F	9	2	5	5	10	8	1	2	1	2	0	45
4	Certain disorders involving the immune mechanism (D80-D89)	M	0	2	3	5	6	7	15	15	8	18	0	79
		F	2	3	2	5	1	3	4	8	2	8	0	38
IV	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES (E00-E89)	M	33	12	11	21	30	99	206	325	148	304	0	1189
		F	27	8	9	17	27	87	149	289	115	254	0	982
20	Malnutrition (E40-E46)	M	13	5	2	2	1	3	4	2	0	1	0	33
		F	15	5	0	1	0	2	0	3	0	5	0	31
1	Kwashiorkor (E40)	M	0	0	0	2	0	2	1	1	0	1	0	7
		F	0	1	0	0	0	0	0	1	0	2	0	4
2	Nutritional marasmus (E41)	M	2	1	1	0	1	1	2	0	0	0	0	8
		F	2	0	0	0	0	2	0	2	0	2	0	8

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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 protein-energy malnutrition (E42-E46)	M	11	4	1	0	0	0	1	1	0	0	0	18
		F	13	4	0	1	0	0	0	0	0	1	0	19
21	Endocrine, other nutritional & metabolic diseases (E00-E34 & E50-E89)	M	20	7	9	19	29	96	202	323	148	303	0	1156
		F	12	3	9	16	27	85	149	286	115	249	0	951
1	Disorders of thyroid gland (E00-E07)	M	3	0	0	3	2	2	4	3	1	3	0	21
		F	5	0	2	2	4	2	6	3	4	4	0	32
2	Diabetes mellitus (E10-E14)	M	0	1	7	6	25	84	186	309	140	291	0	1049
		F	0	0	2	10	19	76	140	279	108	238	0	872
3	All other nutritional deficiencies (E50-E64)	M	0	0	0	0	0	0	0	2	0	0	0	2
		F	0	0	0	1	0	0	1	0	0	0	0	2
4	All other endocrine and metabolic diseases (E15-E34 & E65-E90)	M	17	6	2	10	2	10	12	9	7	9	0	84
		F	7	3	5	3	4	7	2	4	3	7	0	45
V	Mental and Behavioural disorders (F01-F99)	M	5	2	3	3	5	10	8	7	2	7	0	52
		F	3	0	1	2	2	1	4	5	1	5	0	24
22	Mental and Behavioural disorders (F01-F99)	M	5	2	3	3	5	10	8	7	2	7	0	52
		F	3	0	1	2	2	1	4	5	1	5	0	24
1	Mental and behavioural disorders due to psychoactive substance use (F10-F19)	M	0	0	0	0	3	6	4	4	0	1	0	18
		F	0	0	0	0	0	0	1	0	0	1	0	2
2	Schizophrenia, schizotypal & delusional disorders (F20-F29)	M	4	2	2	2	1	3	3	2	2	5	0	26
		F	3	0	1	1	2	1	2	4	0	4	0	18
3	All other mental and behavioural disorders (F01-F09, F30-F99)	M	1	0	1	1	1	1	1	1	0	1	0	8
		F	0	0	0	1	0	0	1	1	1	0	0	4

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
VI	Diseases of the Nervous System (G00-G98)	M	119	67	95	91	75	89	91	100	51	79	0	857
		F	66	39	59	46	40	50	73	53	21	56	0	503
23	Inflammatory diseases of the central nervous system (G00 - G09)	M	105	53	59	51	40	39	54	53	29	36	0	519
		F	56	26	43	25	25	34	32	28	7	25	0	301
1	Meningitis (G00 & G03)	M	83	33	16	39	32	34	41	43	26	30	0	377
		F	47	14	19	20	17	31	27	23	5	20	0	223
2	Encephalitis, myelitis and encephalomyelitis (G04)	M	19	20	42	11	7	4	10	9	3	6	0	131
		F	8	12	23	4	6	2	4	4	1	4	0	68
3	Other inflammatory diseases of the central nervous system (G06, G08-G09)	M	3	0	1	1	1	1	3	1	0	0	0	11
		F	1	0	1	1	2	1	1	1	1	1	0	10
24	Other diseases of the Nervous system (G10-G98)	M	14	14	36	40	35	50	37	47	22	43	0	338
		F	10	13	16	21	15	16	41	25	14	31	0	202
1	Alzheimer's disease (G30)	M	1	0	0	0	0	0	0	0	0	2	0	3
		F	0	0	0	0	0	1	1	0	0	0	0	2
2	Epilepsy (G40-G41)	M	0	4	2	5	1	6	5	6	1	3	0	33
		F	2	1	6	4	3	1	4	2	0	4	0	27
3	All other diseases of the nervous system (G10-G25, G31, G35-G37,G43-G98)	M	13	10	34	35	34	44	32	41	21	38	0	302
		F	8	12	10	17	12	14	36	23	14	27	0	173
VII	Diseases of the eye and adnexa (H00-H59)	M	1	1	1	1	0	4	3	2	1	5	0	19
		F	1	0	0	0	1	1	1	1	0	2	0	7
25	Diseases of the eye and adnexa (H00-H59)	M	1	1	1	1	0	4	3	2	1	5	0	19
		F	1	0	0	0	1	1	1	1	0	2	0	7
1	Disease of the eye and adnexa (H00-H59)	M	1	1	1	1	0	4	3	2	1	5	0	19
		F	1	0	0	0	1	1	1	1	0	2	0	7

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
VIII	Diseases of the ear and mastoid process (H60-H95)	M	1	0	1	1	0	0	0	0	0	0	0	3
		F	0	0	0	0	0	0	0	0	1	0	1	0
26	Diseases of the ear and mastoid process (H60-H95)	M	1	0	1	1	0	0	0	0	0	0	0	3
		F	0	0	0	0	0	0	0	1	0	1	0	2
IX	Diseases of the circulatory system (I00-I99)	M	207	43	108	297	396	665	1096	1392	547	1288	0	6039
		F	111	38	51	208	267	337	525	716	369	956	0	3578
27	Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	M	15	5	24	58	73	115	121	130	43	93	0	677
		F	7	3	11	64	79	70	74	79	31	49	0	467
1	Acute rheumatic fever (I00-I02)	M	6	4	9	7	3	12	5	11	2	11	0	70
		F	4	2	2	10	5	6	8	12	1	9	0	59
2	Chronic rheumatic heart diseases (I05-I09)	M	9	1	15	51	70	103	116	119	41	82	0	607
		F	3	1	9	54	74	64	66	67	30	40	0	408
28	Hypertensive disease (I10 - I15)	M	18	2	6	16	28	88	134	161	59	138	0	650
		F	7	3	1	10	11	32	39	79	49	99	0	330
1	Hypertensive heart disease (III)	M	15	1	4	14	21	59	78	95	40	84	0	411
		F	7	1	1	8	8	8	12	33	19	41	0	138
2	All other hypertensive diseases (I10, I12-I15)	M	3	1	2	2	7	29	56	66	19	54	0	239
		F	0	2	0	2	3	24	27	46	30	58	0	192
29	Ischaemic heart diseases (I20-I25)	M	27	4	10	38	49	114	217	298	136	308	0	1201
		F	12	5	12	36	41	43	99	170	69	220	0	707
1	Acute myocardial infarction (I21-I22)	M	4	1	3	5	6	20	57	66	26	81	0	269
		F	2	2	2	5	7	11	19	35	15	46	0	144
2	All other ischaemic heart diseases (I20 & I23-I25)	M	23	3	7	33	43	94	160	232	110	227	0	932
		F	10	3	10	31	34	32	80	135	54	174	0	563

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
30	Diseases of pulmonary circulation and other forms of heart disease (I26- I58)	M	110	26	42	118	137	169	307	454	174	423	0	1960
		F	62	22	23	57	63	89	152	197	117	337	0	1119
1	Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)	M	42	5	6	18	21	32	47	75	32	75	0	353
		F	31	1	2	16	14	21	24	28	24	65	0	226
2	Other forms of heart diseases (I30-I58)	M	68	21	36	100	116	137	260	379	142	348	0	1607
		F	31	21	21	41	49	68	128	169	93	272	0	893
31	Cerebrovascular diseases(I60-I69)	M	19	6	23	59	94	164	282	291	113	273	0	1324
		F	13	5	4	37	63	94	149	168	93	222	0	848
1	Cerebrovascular diseases (I60-I69)	M	19	6	23	59	94	164	282	291	113	273	0	1324
		F	13	5	4	37	63	94	149	168	93	222	0	848
32	Other diseases of the circulatory system (I70-I99)	M	18	0	3	8	15	15	35	58	22	53	0	227
		F	10	0	0	4	10	9	12	23	10	29	0	107
1	Atherosclerosis (I70)	M	3	0	1	0	2	2	6	7	2	2	0	25
		F	1	0	0	1	0	1	3	3	2	5	0	16
2	Arterial embolism and thrombosis (I74)	M	1	0	0	0	0	1	2	1	0	0	0	5
		F	0	0	0	0	0	1	0	0	0	0	0	1
3	Other diseases of arteries, arterioles & capillaries (I71-I73 & I77-I78)	M	0	0	0	3	3	3	6	17	6	9	0	47
		F	1	0	0	1	2	3	4	5	3	3	0	22
4	Phlebitis, thrombophlebitis, venous embolism and thrombosis (I80-I82)	M	13	0	1	4	5	5	5	8	1	4	0	46
		F	7	0	0	2	6	4	2	4	0	1	0	26
5	All other diseases of the circulatory system (I83-I99)	M	1	0	1	1	5	4	16	25	13	38	0	104
		F	1	0	0	0	2	0	3	11	5	20	0	42
X	DISEASES OF THE RESPIRATORY SYSTEM (J00-J98)	M	288	69	80	134	171	240	373	608	240	649	0	2852
		F	190	64	72	107	136	150	237	280	153	414	0	1803

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
33	DISEASES OF THE UPPER RESPIRATORY TRACT (J00-J06 & J30-J39)	M	10	4	12	14	15	37	53	73	27	67	0	312
		F	9	3	9	20	10	10	29	25	16	54	0	185
1	Acute pharyngitis and acute tonsillitis (J02-J03)	M	2	1	3	1	2	4	3	4	1	3	0	24
		F	1	2	3	3	2	1	2	1	2	2	0	19
2	Acute laryngitis and tracheitis (J04)	M	1	1	7	3	4	8	7	6	3	4	0	44
		F	0	0	4	9	3	3	4	6	1	1	0	31
3	Other acute upper respiratory infections (J00-J01, J05-J06)	M	6	2	1	9	9	25	42	62	22	58	0	236
		F	8	1	2	8	5	6	22	17	13	48	0	130
4	All other diseases of upper respiratory tract (J30-J39)	M	1	0	1	1	0	0	1	1	1	2	0	8
		F	0	0	0	0	0	0	1	1	0	3	0	5
34	Lower respiratory diseases (J20-J22 & J40-J47)	M	23	8	6	14	26	48	126	263	117	263	0	894
		F	19	4	9	10	24	41	88	104	72	160	0	531
1	Acute bronchitis and acute bronchiolitis (J20-J21)	M	6	2	4	3	7	6	7	14	6	21	0	76
		F	7	0	1	0	3	7	11	7	2	14	0	52
2	Bronchitis, chronic and unspecified, emphysema(J40-J43)	M	10	4	1	3	4	3	8	16	6	13	0	68
		F	3	3	4	3	2	9	5	4	2	13	0	48
3	Asthma (J45-J46)	M	1	0	0	0	3	4	9	18	12	23	0	70
		F	2	1	1	0	2	3	11	15	7	22	0	64
4	Other lower respiratory disorders (J22, J44 & J47)	M	6	2	1	8	12	35	102	215	93	206	0	680
		F	7	0	3	7	17	22	61	78	61	111	0	367
35	Other diseases of the respiratory system (J10-J18,J60-J98)	M	255	57	62	106	130	155	194	272	96	319	0	1646
		F	162	57	54	77	102	99	120	151	65	200	0	1087
1	Influenza (J10-J11)	M	12	1	3	6	11	10	16	25	5	21	0	110
		F	6	0	1	8	16	5	10	10	10	10	0	76
2	Pneumonia (J12-J18)	M	203	41	40	53	52	75	98	135	46	178	0	921
		F	135	49	34	41	42	43	52	76	30	116	0	618

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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	Pleurisy (J90)	M	1	0	0	1	1	5	3	5	3	4	0	23
		F	0	0	2	0	1	2	4	3	1	3	0	16
4	All other diseases of the respiratory system (J60-J86, J92-J98)	M	39	15	19	46	66	65	77	107	42	116	0	592
		F	21	8	17	28	43	49	54	62	24	71	0	377
XI	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	M	79	19	35	114	261	442	450	352	110	146	0	2008
		F	48	12	38	81	105	123	116	121	49	113	0	806
36	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	6	0	3	4	6	14	8	12	4	10	0	67
		F	0	0	1	8	9	4	1	4	2	5	0	34
1	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	6	0	3	4	6	14	8	12	4	10	0	67
		F	0	0	1	8	9	4	1	4	2	5	0	34
37	Diseases of the other parts of digestive system (K20-K92)	M	73	19	32	110	255	428	442	340	106	136	0	1941
		F	48	12	37	73	96	119	115	117	47	108	0	772
1	Gastric and duodenal ulcer (K25-K27)	M	0	0	1	1	4	7	3	2	1	2	0	21
		F	0	0	0	0	2	0	2	1	0	0	0	5
2	Gastritis and duodenitis (K29)	M	0	0	0	2	0	6	2	0	3	1	0	14
		F	1	0	0	2	1	2	1	2	0	3	0	12
3	Diseases of appendix (K35-K38)	M	0	0	1	1	1	2	0	2	1	0	0	8
		F	1	0	0	0	2	0	1	2	1	1	0	8
4	Hernia (K40-K46)	M	12	1	0	1	2	3	1	1	0	2	0	23
		F	3	0	0	1	0	0	3	1	1	5	0	14
5	Paralytic ileus and intestinal obstruction without hernia (K56)	M	17	1	1	4	3	8	8	10	3	6	0	61
		F	21	1	2	3	4	4	3	1	4	7	0	50

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
6	Peritonitis (K65)	M	12	1	2	11	17	19	16	21	3	17	0	119
		F	2	1	9	15	13	15	6	11	3	13	0	88
7	Diseases of the liver (K70-K76)	M	15	14	21	62	175	323	335	243	74	60	0	1322
		F	4	6	14	28	50	59	62	57	22	35	0	337
8	Chiolelithiasis and cholecystitis (K80-K81)	M	4	0	1	6	7	8	18	15	5	15	0	79
		F	3	2	2	6	8	5	5	10	6	16	0	63
9	Disorders of the pancreas (K85-K86)	M	0	0	0	8	20	17	20	8	2	5	0	80
		F	0	0	1	3	3	13	10	9	2	7	0	48
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	13	2	5	14	26	35	39	38	14	28	0	214
		F	13	2	9	15	13	21	22	23	8	21	0	147
XII	Diseases of the skin and subcutaneous tissue (L00-L98)	M	0	1	1	1	5	2	3	8	5	2	0	28
		F	1	3	2	1	4	5	4	2	3	2	0	27
38	Diseases of the skin and subcutaneous tissue (L00-L98)	M	0	1	1	1	5	2	3	8	5	2	0	28
		F	1	3	2	1	4	5	4	2	3	2	0	27
1	Infections of the skin and subcutaneous tissue (L00-L08)	M	0	1	1	0	3	2	3	6	3	1	0	20
		F	1	0	2	0	0	1	1	1	3	1	0	10
2	All other diseases of the skin and subcutaneous tissue (L10-L98)	M	0	0	0	1	2	0	0	2	2	1	0	8
		F	0	3	0	1	4	4	3	1	0	1	0	17
XIII	Diseases of the Musculoskeletal system connective tissue (M00-M99)	M	1	0	2	4	6	8	10	8	5	8	0	52
		F	3	0	1	8	7	10	8	11	5	6	0	59

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
39	Diseases of the Musculoskeletal system	M	1	0	2	4	6	8	10	8	5	8	0	52
	connective tissue (M00-M99)	F	3	0	1	8	7	10	8	11	5	6	0	59
1	Rheumatoid arthritis and other inflammatory polyarthropathies (M05-M13)	M	0	0	1	1	2	1	0	1	3	2	0	11
		F	1	0	0	2	2	1	4	4	3	2	0	19
2	Osteomyelitis (M86)	M	0	0	1	0	1	0	2	0	0	1	0	5
		F	1	0	0	0	0	1	0	0	0	1	0	3
3	All other diseases of the musculoskeletal system and connective tissue (M00-M02, M15-M43-M85, M87-M99)	M	1	0	0	3	3	7	8	7	2	5	0	36
		F	1	0	1	6	5	8	4	7	2	3	0	37
XIV	DISEASES OF THE GENITOURINARY SYSTEM (N00 - N99)	M	30	7	16	59	91	111	150	211	71	162	0	908
		F	38	7	15	51	77	81	110	147	59	133	0	718
40	Disease of urinary system (N00-N39)	M	19	5	13	55	82	105	142	201	67	154	0	843
		F	21	5	12	44	75	76	101	140	57	128	0	659
1	Glomerular diseases (including Nephritic Synodrome) (N00-N07)	M	1	2	4	6	11	11	11	16	5	10	0	77
		F	4	2	4	7	10	7	7	9	3	6	0	59
2	Renal tubulo-interstitial diseases (N10-N15)	M	2	0	0	6	2	5	10	5	1	4	0	35
		F	1	1	0	2	5	2	4	7	2	3	0	27
3	Renal failure (N17-N19)	M	15	3	5	11	35	38	53	97	39	93	0	389
		F	13	2	4	28	32	35	43	65	38	84	0	344
4	Urolithiasis (N20-N23)	M	0	0	0	2	2	5	0	3	0	0	0	12
		F	1	0	1	1	2	2	0	2	0	0	0	9
5	Other disorders of kidney and ureter (N25-N28)	M	1	0	4	29	32	43	63	74	19	44	0	309
		F	2	0	3	5	22	29	43	56	12	24	0	196
6	All other diseases of urinary system (N30-N39)	M	0	0	0	1	0	3	5	6	3	3	0	21
		F	0	0	0	1	4	1	4	1	2	11	0	24

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
41	Other diseases of the genitourinary system (N40-N99)	M	11	2	3	4	9	6	8	10	4	8	0	65
		F	17	2	3	7	2	5	9	7	2	5	0	59
1	Hyperplasia of prostate (N40)	M	9	1	1	2	6	4	6	5	2	5	0	41
		F	0	0	0	0	0	0	0	0	0	0	0	0
2	All other diseases of male genital organs (N41-N50)	M	2	1	2	2	3	2	2	5	2	3	0	24
		F	0	0	0	0	0	0	0	0	0	0	0	0
3	Salpingitis and oophoritis (N70)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	17	0	1	1	0	0	1	2	0	0	0	22
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	2	2	6	2	5	8	5	2	5	0	37
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	55	73	35	33	0	0	0	0	196
42	Pregnancy with abortive outcome (O00-O08)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	6	13	1	0	0	0	0	0	20
1	Spontaneous abortion (O03)	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
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
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	6	12	1	0	0	0	0	0	19
43	Other direct obstetric deaths (O10-O92)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	29	28	10	2	0	0	0	0	69
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	9	7	3	1	0	0	0	0	20
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	1	0	1	0	0	0	0	0	2

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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	Obstructed labour (O64-O66)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	1	1	0	0	0	0	0	2
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	5	5	3	0	0	0	0	0	13
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	14	15	2	1	0	0	0	0	32
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	20	32	24	31	0	0	0	0	107
1	Indirect obstetric deaths (O98-O99)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	5	9	2	1	0	0	0	0	17
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	15	23	22	30	0	0	0	0	90
XVI	Certain conditions originating in the perinatal period (P00-P96)	M	2547	0	0	0	0	0	0	0	0	0	0	2547
		F	1615	0	0	0	0	0	0	0	0	0	0	1615
45	Certain conditions originating in the perinatal period (P00-P96)	M	2547	0	0	0	0	0	0	0	0	0	0	2547
		F	1615	0	0	0	0	0	0	0	0	0	0	1615
1	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	M	401	0	0	0	0	0	0	0	0	0	0	401
		F	229	0	0	0	0	0	0	0	0	0	0	229
2	Birth trauma (P10-P15)	M	8	0	0	0	0	0	0	0	0	0	0	8
		F	9	0	0	0	0	0	0	0	0	0	0	9
3	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	M	627	0	0	0	0	0	0	0	0	0	0	627
		F	411	0	0	0	0	0	0	0	0	0	0	411
4	Haemolytic disease of fetus and new born(P55)	M	15	0	0	0	0	0	0	0	0	0	0	15
		F	16	0	0	0	0	0	0	0	0	0	0	16

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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 perinatal Jaundice (P58-P59)	M	6	0	0	0	0	0	0	0	0	0	0	6
		F	1	0	0	0	0	0	0	0	0	0	0	1
6	All other conditions originating in the perinatal period (P00-P04,P08,P29-P54,P56-P57,P60-P96)	M	1490	0	0	0	0	0	0	0	0	0	0	1490
		F	949	0	0	0	0	0	0	0	0	0	0	949
XVII	Congenital Malformations, Deformations & chromosomal abnormalities (Q00-Q99)	M	293	44	27	16	12	16	16	22	12	26	0	484
		F	156	26	11	11	10	5	11	12	8	18	0	268
46	Congenital Malformations, Deformations & chromosomal abnormalities (Q00-Q99)	M	293	44	27	16	12	16	16	22	12	26	0	484
		F	156	26	11	11	10	5	11	12	8	18	0	268
1	Spina bifida (Q05)	M	3	0	1	2	1	1	1	2	1	0	0	12
		F	3	0	0	2	0	0	0	0	0	1	0	6
2	Congenital malformations of the circulatory sytem (Q20-Q28)	M	193	34	19	10	2	1	1	4	2	3	0	269
		F	97	24	9	4	1	2	2	1	1	0	0	141
3	Cleft lip and cleft palate (Q35-Q37)	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
4	All other congenital malformations, deformations, and chromosomal abnormalities, not elsewhere classified (Q00-Q04, Q06-Q18, Q30-Q34 & Q38-Q99)	M	97	10	7	4	9	14	14	16	9	23	0	203
		F	56	2	2	5	9	3	9	11	7	17	0	121

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
XVIII	Symptoms, Signs and abnormal clinical &Laboratory finding not elsewhere classified (R00-R99)	M	521	279	375	795	1193	1505	1804	1863	748	1744	0	10827
		F	412	227	288	547	549	507	687	998	467	1278	0	5960
47	Symptoms, Signs and abnormal clinical &Laboratory finding not elsewhere classified (R00-R99)	M	521	279	375	795	1193	1505	1804	1863	748	1744	0	10827
		F	412	227	288	547	549	507	687	998	467	1278	0	5960
1	Abdominal and pelvic pain (R10)	M	319	161	184	356	550	765	1028	1077	454	1060	0	5954
		F	269	153	167	328	341	334	451	646	310	823	0	3822
2	Ascites (R18)	M	0	0	1	2	18	47	40	30	6	9	0	153
		F	0	0	0	5	10	7	11	13	2	4	0	52
3	Somnolence, stupor and coma (R40)	M	2	0	1	1	1	4	2	0	0	1	0	12
		F	0	0	0	2	1	3	0	0	0	0	0	6
4	Fever of unknown origin (R50)	M	0	2	9	23	32	23	19	12	1	12	0	133
		F	1	2	10	18	15	14	14	5	6	5	0	90
5	Senility (R54)	M	0	0	0	0	0	0	0	0	0	195	0	195
		F	0	0	0	0	0	0	0	0	0	38	0	38
6	Syncope and collapse (R55)	M	0	0	1	0	3	2	1	0	0	2	0	9
		F	0	0	0	2	0	0	0	1	1	2	0	6
7	Convulsions, not elsewhere classified (R56)	M	3	3	2	10	9	10	7	9	5	11	0	69
		F	1	4	0	6	8	2	5	13	2	18	0	59
8	Shock, not elsewhere classified (R57)	M	109	57	109	117	160	220	277	348	139	316	0	1852
		F	72	35	63	72	90	96	123	157	78	219	0	1005
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	88	56	68	286	420	434	430	387	143	138	0	2450
		F	69	33	48	114	84	51	83	163	68	169	0	882

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Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
XIX	Injury, poisoning and certain other consequences of external causes (S00-T98)	M	35	80	93	313	416	316	203	185	36	107	0	1784
		F	21	58	59	361	295	142	89	87	26	68	0	1206
48	Fractures (S02,S12,S22,S32,S42,S52,S62 S72,S82,S92,T02,T08,T10,T12)	M	1	2	4	21	19	27	10	14	3	20	0	121
		F	1	0	4	7	6	6	5	12	1	9	0	51
1	Fracture of skull and facial bones (S02)	M	0	2	1	3	9	4	3	3	1	5	0	31
		F	0	0	1	3	3	3	2	6	0	2	0	20
2	Fracture of neck, thorax or pelvis (S12,S22,S32 & T08)	M	0	0	1	6	7	17	5	5	0	5	0	46
		F	1	0	0	2	2	2	1	3	0	1	0	12
3	Fracture of upper limb (S42,S52,S62 & T10)	M	0	0	0	2	0	1	0	0	0	1	0	4
		F	0	0	0	0	0	0	0	0	0	0	0	0
4	Fractures of lower limb (S72,S82,S92 & T12)	M	1	0	1	7	3	4	1	4	1	8	0	30
		F	0	0	1	2	0	0	0	0	1	6	0	10
5	Fractures involving multiple body regions and of unspecified body region (T02)	M	0	0	1	3	0	1	1	2	1	1	0	10
		F	0	0	2	0	1	1	2	3	0	0	0	9
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	1	0	0	1	0	0	0	3
		F	0	0	0	0	0	1	0	0	0	0	0	1
50	Intracranial and internal injuries, including nerves (S04, S06, S14, S24, S26-S27, S34, S36-S37, S44, S54, S64, S74, S84 & S94)	M	5	3	1	9	17	14	19	22	1	11	0	102
		F	1	0	1	3	0	4	3	11	3	8	0	34
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	1	2	1	5	1	2	2	1	0	0	15
		F	0	2	0	1	0	0	0	0	0	0	0	3

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
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-T	M	6	29	41	121	172	145	87	82	20	49	0	752
		F	9	26	24	19	19	31	31	36	11	14	0	220
53	Effects of foreign body entering through natural orifice (T15-T19)	M	8	1	2	1	1	3	2	2	1	1	0	22
		F	2	0	0	1	2	0	2	1	1	3	0	12
54	Burns and Corrosions (T20-T32)	M	8	41	38	118	132	75	51	23	3	8	0	497
		F	6	29	23	277	239	79	37	20	6	19	0	735
55	Poisonings by drugs & biological substances and Toxic effects of substances chiefly nonmedicinal as to source (T36-T50 & T51-T65)	M	2	2	2	31	56	39	16	18	2	7	0	175
		F	1	1	5	39	21	16	5	3	0	1	0	92
56	Other and unspecified effects of external causes and certain early complications of trauma (T33-T35, T66-T79)	M	0	0	1	7	6	3	3	6	1	2	0	29
		F	0	0	2	7	2	1	1	0	1	3	0	17
57	Complications of Surgical and Medical care, not elsewhere classified (T80-T88)	M	5	1	2	2	4	7	12	15	4	8	0	60
		F	0	0	0	7	5	3	5	4	3	11	0	38
58	Late effects of injuries, of poisoning and of other consequences of external causes (T90-T98)	M	0	0	0	1	3	2	1	0	0	1	0	8
		F	1	0	0	0	1	1	0	0	0	0	0	3
XX	External causes of Morbidity and Mortality (V01-Y89)	M	165	44	60	232	336	379	442	602	293	771	0	3324
		F	110	39	40	136	122	134	235	333	171	454	0	1774

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
E48	Transport Accidents (V01-V99)	M	23	14	30	130	190	161	150	124	46	103	0	971
		F	23	12	19	68	47	32	59	51	21	68	0	400
1	Railway accidents (V05, V15, V80.6, V81,V82.2,V87.6 & V88.6)	M	0	0	0	0	3	5	0	0	0	0	0	8
		F	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	1	1	7	2	1	0	0	1	0	13
		F	0	0	0	0	0	0	1	1	0	0	0	2
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	5	6	11	53	62	52	40	32	10	17	0	288
		F	2	0	6	27	25	6	11	5	3	7	0	92
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
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	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	0	0	2	3	2	2	3	0	1	0	13
		F	0	0	0	1	0	0	0	0	0	0	0	1
E49	Accidental Falls (W00-W19)	M	3	7	12	62	80	65	61	40	14	25	0	369
		F	8	7	10	19	13	13	18	14	7	14	0	123
E50	Accidental drowning and submersion (W65-W74)	M	3	0	0	1	10	6	9	10	5	5	0	49
		F	2	2	2	5	1	2	4	2	0	4	0	24

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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	10	1	3	6	14	23	32	36	17	52	0	194
		F	11	3	0	8	2	9	23	25	11	40	0	132
E52	Accidental poisoning by and exposure to noxious substances (X40-X49)	M	2	0	2	4	6	5	3	1	0	0	0	23
		F	0	0	1	6	2	2	1	1	0	0	0	13
E53	Intentional self-harm (Suicide-attempted) (X60-X84)	M	0	0	1	0	2	0	2	1	0	1	0	7
		F	0	0	0	2	4	0	1	3	0	2	0	12
E54	Assault (Homicide) (X-85-Y09)	M	0	0	0	1	3	1	0	1	0	1	0	7
		F	0	0	0	0	0	0	0	0	0	1	0	1
E55	Other Violence (Y10-Y36)	M	1	0	2	0	2	0	0	2	0	0	0	7
		F	3	2	0	4	0	0	1	0	0	1	0	11
1	Event of undetermined intent (Y10-Y34)	M	1	0	2	0	2	0	0	2	0	0	0	7
		F	3	2	0	4	0	0	1	0	0	1	0	11
2	Legal intervention (Y35)	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
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
E56	Complications of medical and surgical care (Y40-Y84)	M	0	0	0	1	1	4	3	2	4	2	0	17
		F	0	0	0	2	2	1	2	1	0	2	0	10
1	Drugs, medicaments and biological substances causing adverse effects in therapeutic use (Y40-Y59)	M	0	0	0	1	0	4	1	2	4	1	0	13
		F	0	0	0	2	2	1	2	1	0	2	0	10
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	1	0	2	0	0	1	0	4
		F	0	0	0	0	0	0	0	0	0	0	0	0

TABLE-1														
Medically Certified Deaths By Cause and Sex, 2013 (According to the National List)														
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)
E57	Other external causes of accidental injury not elsewhere classified (W20-W64, W75-W99, X10-X39, X50-X59)	M	140	29	27	101	143	214	289	468	243	665	0	2319
		F	83	25	21	62	73	100	173	280	150	381	0	1348
1	Accidents caused by machinery, and by cutting & piercing instruments (W24-W31)	M	0	0	1	4	3	5	3	1	0	0	0	17
		F	1	0	0	1	0	3	2	1	1	0	0	9
2	Accidents caused by firearm missile (W32-W34)	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
3	Bites of snakes & other venomous animals (X20-X27)	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
4	Sun stroke (X32)	M	0	0	0	0	1	0	1	0	0	0	0	2
		F	2	0	0	0	1	0	0	2	0	0	0	5
5	All other accidents including late effects (W20-W23, W35-W64, W75-W99, X10-X19, X28-X31, X33-X39 & X50-X59)	M	140	29	26	97	139	209	285	467	243	665	0	2300
		F	80	25	21	61	72	97	171	277	149	381	0	1334
E58	Late effects of external causes of morbidity and mortality (Y85-Y89)	M	1	1	1	0	0	0	0	6	0	1	0	10
		F	1	0	0	0	0	1	0	1	0	2	0	5
	Total	M	4992	898	1320	2809	3913	5083	6384	7295	2951	6722	0	42367
		F	3241	706	979	2290	2355	2386	3122	4120	1855	4714	0	25768
		T	8233	1604	2299	5099	6268	7469	9506	11415	4806	11436	0	68135

Table-2

LOCAL BODY WISE DETAILS OF MEDICALLY CERTIFIED CAUSE OF DEATH DURING (2001-2013)

YEAR	TOTAL DEATH	INSTITUTIONAL DEATHS LOCAL BODY WISE					
		MCD(U)	MCD (R)	TOTAL	NDMC	DCB	TOTAL
1	2	3	4	5	6	7	8
2001	81100	29094	23	29117	14866	1051	45034
2002	86176	25948	1684	27632	16192	1141	44965
2003	87743	29451	2530	31981	15195	1297	48473
2004	85378	30876	2016	32892	14316	1351	48559
2005	94187	33564	2686	36250	18744	1396	56390
2006	98909	37789	2437	40226	18804	1224	60254
2007	100974	34426	2953	37379	20388	1489	59256
2008	107600	31449	4917	36366	19187	1569	57122
2009	112013	40371	4447	44818	22249	1306	68373
2010	124353	50194	3325	53519	21591	1263	76373
2011	112142	42006	3917	45923	20994	1409	68326
2012	104616	39642	4302	43944	22373	1539	67856
2013	97185	42494	2063	44557	22070	1508	68135

Table-3						
SEX WISE DEATHS (2001-2013)						
Year	Total Deaths	Male	Female	Institutional Deaths		
				Male	Female	Total
1	2	3	4	5	6	7
2001	81100	51238	29862	28178	16856	45034
2002	86176	53405	32771	27445	17520	44965
2003	87743	54561	33182	29779	18694	48473
2004	85378	53016	32362	30054	18505	48559
2005	94187	58554	35633	35089	21301	56390
2006	98908	64028	34880	40475	19779	60254
2007	100974	63461	37513	37341	21915	59256
2008	107600	68033	39567	36973	20149	57122
2009	112013	70075	41938	42808	25565	68373
2010	124353	78092	46261	48032	28341	76373
2011	112142	69732	42410	42770	25556	68326
2012	104616	64608	40008	42452	25404	67856
2013	97185	60447	36738	42367	25768	68135

Table-4

Details of Institutional Deaths by Age & Sex (2001-2013)

YEAR	Below 14		15-24		25-44		45-64		65 and above		Not stated		Total	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2001	6874	4545	2038	1803	5888	3418	7550	3509	5207	3071	621	510	28178	16856
2002	5532	3581	1844	1679	4661	2872	6972	3551	6963	4482	1473	1355	27445	17520
2003	6141	4228	2091	1689	5900	3543	7763	4274	7596	4812	288	148	29779	18694
2004	7394	4834	2559	2133	5972	3556	8001	3997	5895	3843	233	142	30054	18505
2005	7994	5394	2946	2315	7278	4152	9546	4714	6458	4210	867	516	35089	21301
2006	8357	4791	4013	1989	9032	3766	11217	4677	7778	4512	78	44	40475	19779
2007	7838	5204	2885	2081	7764	4246	11021	5321	7833	5061	0	2	37341	21915
2008	5855	3706	2743	1727	8568	4368	12014	5840	7750	4494	43	14	36973	20149
2009	7382	5096	3314	2517	9872	5577	13354	6554	8863	5794	23	27	42808	25565
2010	7652	5360	3498	2796	10475	5682	15858	7706	10549	6797	0	0	48032	28341
2011	7448	5120	3084	2460	9114	4932	13613	6742	9511	6302	0	0	42770	25556
2012	7638	5132	2903	2262	9147	4719	13581	6837	9183	6454	0	0	42452	25404
2013	7210	4926	2809	2290	8996	4741	13679	7242	9673	6569	0	0	42367	25768

Table-5**INSTITUTIONAL INFANT DEATHS DUE TO MAJOR DISEASES DURING (2001-2012)**

	Cause of Death	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
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)
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)
3	All other signs, causes 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)
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)
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)
6	Pneumonia	341 (4.86)	105 (2.24)	99 (2.22)	317 (7.92)	9 (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)
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)
8	Total	7008	4679	4450	4003	4071	5623	8021	5710	6688	7802	7752	8569	8233

Table-6

PERCENTAGE DISTRIBUTION OF LEADING MAJOR CAUSES OF DEATH DURING (2001-2013)

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(Sympton,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		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

Table-7

DEATHS IN DELHI DUE TO HEART ATTACK (2001-2013)

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	Total	Male	Female	Total		
1	2	3	4	5	6	7	8	9	10	11	12
2001	81100	45034	36066	5232	2904	8136	4399	2561	6960	10.03	85.55
2002	86176	44965	41211	8986	2906	11892	5233	2033	7266	13.80	61.1
2003	87743	48473	39270	8285	3436	11721	6017	3560	9577	13.36	81.71
2004	85378	48559	36819	8148	4521	12669	6252	3724	9976	14.84	78.74
2005	94187	56390	37797	5504	3072	8576	3980	2468	6448	9.11	75.19
2006	98908	60254	38654	6112	2724	8836	4698	2150	6848	8.93	77.5
2007	100974	59256	41718	9974	5468	15442	8524	4952	13476	15.29	87.27
2008	107600	57122	50478	10345	5531	15876	8487	4462	12949	14.75	81.56
2009	112013	68373	43640	10514	5644	16158	8665	5239	13904	14.43	86.05
2010	124353	76373	47980	5222	3014	8236	5208	3007	8215	6.62	99.75
2011	112142	68326	43816	6961	3733	10694	5315	3120	8435	9.54	78.88
2012	104616	67856	36760	7673	4051	11724	5910	3510	9420	11.21	80.95
2013	97185	68135	29050	7487	4035	11522	6039	3578	9617	11.86	83.47

Table-8

DISTRIBUTION OF MEDICALLY CERTIFIED HEART ATTACK DEATHS BY AGE & SEX (2001-2013)

YEAR	BELOW 14 YEARS		15-24 YEARS		25-44 YEARS		45-64 YEARS		65 & ABOVE		Not Stated		TOTAL		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2001	470	313	220	145	746	487	1542	740	1315	794	106	82	4399	2561	6960
2002	218	134	222	119	1066	253	1988	654	1688	849	51	24	5233	2033	7266
2003	417	211	278	253	1138	631	2141	1074	2008	1372	35	19	6017	3560	9577
2004	654	404	404	302	1178	637	2103	1067	1885	1295	28	19	6252	3724	9976
2005	382	222	204	154	736	478	1453	780	1060	745	145	89	3980	2468	6448
2006	374	150	362	135	933	370	1719	732	1302	757	8	6	4698	2150	6848
2007	712	476	565	343	1661	929	2999	1444	2587	1760	0	0	8524	4952	13476
2008	597	368	551	365	1867	901	3075	1377	2383	1831	14	3	8487	4462	12949
2009	775	548	540	399	1874	969	3076	1567	2392	1742	8	14	8665	5239	13904
2010	313	205	225	221	1114	527	2121	1015	1405	1039	0	0	5208	3007	8215
2011	283	166	255	171	967	484	2117	1071	1693	1228	0	0	5315	3120	8435
2012	354	212	274	236	1073	659	2391	1162	1818	1241	0	0	5910	3510	9420
2013	358	200	297	208	1061	604	2488	1241	1835	1325	0	0	6039	3578	9617

Table-9

DEATHS IN DELHI DUE TO PNEUMONIA (2001-2013)

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	Total	Male	Female	Total		
1	2	3	4	5	6	7	8	9	10	11	12
2001	81100	45034	36066	743	462	1205	794	406	1200	1.49	99.58
2002	86176	44965	41211	1259	991	2250	1122	834	1956	2.61	86.93
2003	87743	48473	39270	1264	918	2182	1053	700	1753	2.49	80.34
2004	85378	48559	36819	771	463	1234	697	422	1119	1.45	90.68
2005	94187	56390	37797	914	589	1503	801	493	1294	1.60	86.09
2006	98908	60254	38654	559	309	868	526	284	810	0.88	93.32
2007	100974	59256	41718	555	324	879	512	306	812	0.87	92.38
2008	107600	57122	50478	976	563	1539	840	517	1357	1.43	88.17
2009	112013	68373	43640	985	608	1593	874	575	1449	1.42	90.96
2010	124353	76373	47980	1351	850	2201	1344	841	2185	1.77	99.27
2011	112142	68326	43816	951	647	1598	941	640	1581	1.42	98.94
2012	104616	67856	36760	965	648	1613	954	641	1595	1.54	98.88
2013	97185	68135	29050	923	624	1547	921	618	1539	1.58	98.21

Table-10

DISTRIBUTION OF MEDICALLY CERTIFIED PNEUMONIA DEATHS BY AGE & SEX (2001-2013)

Year	Below 14 Years		15-24 Years		25-44 Years		45-64 Years		65 & Above		Not Stated		Total		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2001	381	210	39	35	107	47	131	48	116	55	20	11	794	406	1200
2002	675	558	137	117	78	40	111	56	115	61	6	2	1122	834	1956
2003	616	424	127	117	78	40	111	56	115	61	6	2	1053	700	1753
2004	337	202	50	46	97	60	140	62	65	49	8	3	697	422	1119
2005	299	190	70	45	123	79	151	90	134	76	24	13	801	493	1294
2006	169	120	43	12	89	36	120	50	101	66	4	0	526	284	810
2007	165	117	44	24	66	41	123	63	114	61	0	0	512	306	812
2008	193	143	42	29	213	103	221	134	169	108	2	0	840	517	1357
2009	341	239	32	43	176	98	162	96	161	99	2	0	874	575	1449
2010	371	257	82	68	229	139	381	193	281	184	0	0	1344	841	2185
2011	256	181	45	60	122	90	240	127	278	182	0	0	941	640	1581
2012	298	219	48	33	120	69	250	165	238	155	0	0	954	641	1595
2013	284	218	53	41	127	85	233	128	224	146	0	0	921	618	1539

Table-11

DEATHS IN DELHI DUE TO TUBERCULOSIS (2001-2013)

YEAR	TOTAL DEATHS	INSTITUTIONAL DEATHS	DOMICILLARY 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	TOTAL	MALE	FEMALE	TOTAL		
1	2	3	4	5	6	7	8	9	10	11	12
2001	81100	45034	36066	1219	662	1881	898	575	1473	2.32	78.31
2002	86176	44965	41211	2976	1707	4683	2315	1239	3554	5.43	75.89
2003	87743	48473	39270	3099	1825	4924	2354	1243	3597	5.61	73.05
2004	85378	48559	36819	1518	797	2315	1254	733	1987	2.71	85.83
2005	94187	56390	37797	2332	1286	3618	2066	1213	3279	3.84	90.63
2006	98908	60254	38654	2337	1173	3510	1987	1077	3064	3.55	87.29
2007	100974	59256	41718	1724	792	2516	1321	697	2018	2.49	80.21
2008	107600	57122	50478	1886	746	2632	1486	653	2139	2.45	81.27
2009	112013	68373	43640	1798	760	2558	1539	712	2251	2.28	87.99
2010	124353	76373	47980	2375	1071	3446	2073	992	3065	2.77	88.94
2011	112142	68326	43816	2696	1272	3968	2410	1193	3603	3.54	90.8
2012	104616	67856	36760	2363	1133	3496	2085	1033	3118	3.34	89.19
2013	97185	68135	29050	2460	1202	3662	2162	1077	3239	3.33	88.45

Table-12

DISTRIBUTION OF MEDICALLY CERTIFIED TUBERCULOSIS DEATHS BY AGE & SEX (2001-2013)

YEAR	BELOW 14 YEARS		15-24 YEARS		25-44 YEARS		45-64 YEARS		65 & ABOVE		Not Stated		TOTAL		
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2001	91	85	105	135	319	192	265	104	103	50	15	9	898	575	1473
2002	101	80	209	258	424	237	891	385	666	263	24	16	2315	1239	3554
2003	107	91	172	177	454	254	905	432	682	273	34	16	2354	1243	3597
2004	168	159	151	158	425	241	354	110	153	64	3	1	1254	733	1987
2005	220	240	222	244	718	422	659	211	222	82	25	14	2066	1213	3279
2006	183	156	173	215	696	382	679	216	255	105	1	3	1987	1077	3064
2007	93	87	138	157	444	235	483	143	163	75	0	0	1321	697	2018
2008	92	74	166	163	487	226	553	147	188	43	0	0	1486	653	2139
2009	40	49	140	136	555	216	621	253	183	58	0	0	1539	712	2251
2010	75	91	244	237	746	343	750	222	258	99	0	0	2073	992	3065
2011	79	106	274	291	827	381	889	285	341	130	0	0	2410	1193	3603
2012	95	94	196	228	744	327	759	252	291	132	0	0	2085	1033	3118
2013	77	94	205	246	737	300	751	269	392	168	0	0	2162	1077	3239

Table-13**DEATHS IN DELHI DUE TO CANCER (2001-2013)**

YEAR	TOTAL DEATHS	INSTITUTIONAL DEATHS	DOMICILLARY 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	TOTAL	MALE	FEMALE	TOTAL		
1	2	3	4	5	6	7	8	9	10	11	12
2001	81100	45034	36066	666	451	1117	605	372	977	1.38	87.47
2002	86176	44965	41211	894	658	1552	488	383	871	1.80	56.12
2003	87743	48473	39270	897	592	1489	522	426	948	1.70	63.67
2004	85378	48559	36819	923	610	1533	662	431	1093	1.79	71.30
2005	94187	56390	37797	1207	802	2009	956	589	1545	2.13	76.90
2006	98908	60254	38654	1236	824	2060	880	591	1471	2.08	71.41
2007	100974	59256	41718	1589	1008	2597	1160	751	1911	2.57	73.58
2008	107600	57122	50478	2011	1059	3070	1502	702	2204	2.85	71.79
2009	112013	68373	43640	2512	1424	3936	2066	1161	3227	3.51	81.99
2010	124353	76373	47980	3514	2214	5728	3412	2024	5436	4.61	94.90
2011	112142	68326	43816	6109	3816	9925	5715	3551	9266	8.85	93.36
2012	104616	67856	36760	3813	2631	6444	3457	2315	5772	6.16	89.57
2013	97185	68135	29050	3244	2326	5570	2379	1730	4109	5.73	73.77

Table-14

DISTRIBUTION OF MEDICALLY CERTIFIED CANCER DEATHS BY AGE & SEX (2001-2013)

Year	Below 14		15-24 Years		25-44 Years		45-64 Years		65 & Above		Not Stated		Total		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2001	71	24	52	15	138	96	200	144	127	82	17	11	605	372	977
2002	34	11	23	14	61	78	192	171	165	106	13	3	488	383	871
2003	26	10	23	15	72	80	214	200	175	118	12	3	522	426	948
2004	53	34	42	23	110	71	251	187	196	114	10	2	662	431	1093
2005	75	36	42	29	153	116	311	192	231	123	124	93	956	589	1545
2006	58	51	42	22	154	92	342	276	241	143	8	7	880	591	1471
2007	80	38	42	28	189	153	484	331	348	201	0	0	1160	751	1911
2008	109	40	42	30	307	120	691	363	300	148	3	1	1502	702	2204
2009	183	109	42	90	558	270	716	463	409	228	1	1	2066	1161	3227
2010	379	238	42	120	844	395	1183	767	740	504	0	0	3412	2024	5436
2011	787	497	42	318	1316	759	2044	1276	1061	701	0	0	5715	3551	9266
2012	500	303	42	129	631	479	1286	938	780	466	0	0	3457	2315	5772
2013	248	147	170	108	442	407	966	758	553	310	0	0	2379	1730	4109

Table-15**DEATHS IN DELHI DUE TO DIABETIC MELLITUS (2001-2013)**

Year	Total Deaths	Institutional Deaths	Domicillary Deaths	NO. of Deaths Due To Diabetic Mellitus			No. Of Diabetic MellitusDeaths In which MCCD Reported			% Of Deaths Due To Diabetic Mellitus	% Of Diabetic Mellitus Deaths in which MCCD Reported
				MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL		
1	2	3	4	5	6	7	8	9	10	11	12
2001	81100	45034	36066	370	250	620	345	241	586	0.76	94.52
2002	86176	44965	41211	302	355	657	277	314	591	0.76	89.95
2003	87743	48473	39270	425	332	757	362	278	640	0.86	84.54
2004	85378	48559	36819	439	343	782	362	278	640	0.92	81.84
2005	94187	56390	37797	608	525	1133	568	484	1052	1.20	92.85
2006	98908	60254	38654	3082	2214	5296	2993	2125	5118	5.35	96.64
2007	100974	59256	41718	2202	1718	3920	2123	1638	3761	3.88	95.94
2008	107600	57122	50478	2673	1953	4626	2399	1587	3986	4.30	86.17
2009	112013	68373	43640	2670	2001	4671	2561	1890	4451	4.17	95.29
2010	124353	76373	47980	816	563	1379	753	514	1267	1.11	91.88
2011	112142	68326	43816	922	720	1642	870	658	1528	1.46	93.06
2012	104616	67856	36760	850	773	1623	796	722	1518	1.55	93.53
2013	97185	68135	29050	1112	913	2025	1049	872	1921	2.08	94.86

Table-16

DISTRIBUTION OF MEDICALLY CERTIFIED DIABETIC MELLITUS DEATHS BY AGE & SEX (2001-2013)

YEAR	BELOW 14 YEARS		15-24 YEARS		25-44 YEARS		45-64 YEARS		65 & ABOVE		Not Stated		Total		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11			12	13	14
2001	9	6	6	8	34	45	172	83	113	90	11	9	345	241	586
2002	5	5	3	6	23	45	144	140	99	114	3	4	277	314	591
2003	6	7	4	1	29	20	178	118	144	132	1	0	362	278	640
2004	6	7	4	1	29	20	178	118	144	132	1	0	362	278	640
2005	6	6	3	5	61	33	263	212	219	215	16	13	568	484	1052
2006	885	635	243	169	355	326	795	494	711	499	4	2	2993	2125	5118
2007	339	294	147	114	337	226	684	513	616	491	0	0	2123	1638	3761
2008	548	328	139	134	356	256	687	434	668	433	1	2	2399	1587	3986
2009	524	363	134	108	328	268	818	515	757	635	0	1	2561	1890	4451
2010	6	10	7	3	50	36	340	218	350	247	0	0	753	514	1267
2011	8	7	11	9	66	44	410	276	375	322	0	0	870	658	1528
2012	11	19	15	18	66	57	389	332	315	296	0	0	796	722	1518
2013	8	2	6	10	109	95	495	419	431	346	0	0	1049	872	1921

TABLE-17**DISTRIBUTION OF INFANT DEATHS (2001-2013)**

Year	Neonatal Deaths (Infants below 1 month)	Neonatal Mortality rate	Post-natal deaths (infant 1- 12 months)	Post-natal Mortality Rate	Infant deaths (infant 0-12 months)	Infant mortality rate	% Infant deaths to total deaths
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