



GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

REPORT

ON

MEDICAL CERTIFICATION OF

CAUSE OF DEATHS

IN DELHI-2012



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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 65% of the deaths in Delhi which have taken place 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 2001-2012 and distribution of institutional deaths by major causes during 2012. Third section is the Time Series analysis of MCC Deaths during the period 2001-2012. Detailed statistical tables are given in section four. In this section, period from the year 2001 to 2012 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 2001-2012 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
JANUARY, 2014

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

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SECTION ONE

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 three local bodies viz MCD, 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 provides 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 subsection (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.

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SECTION TWO

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	72498	155
2012	17187	104616	72185	145

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

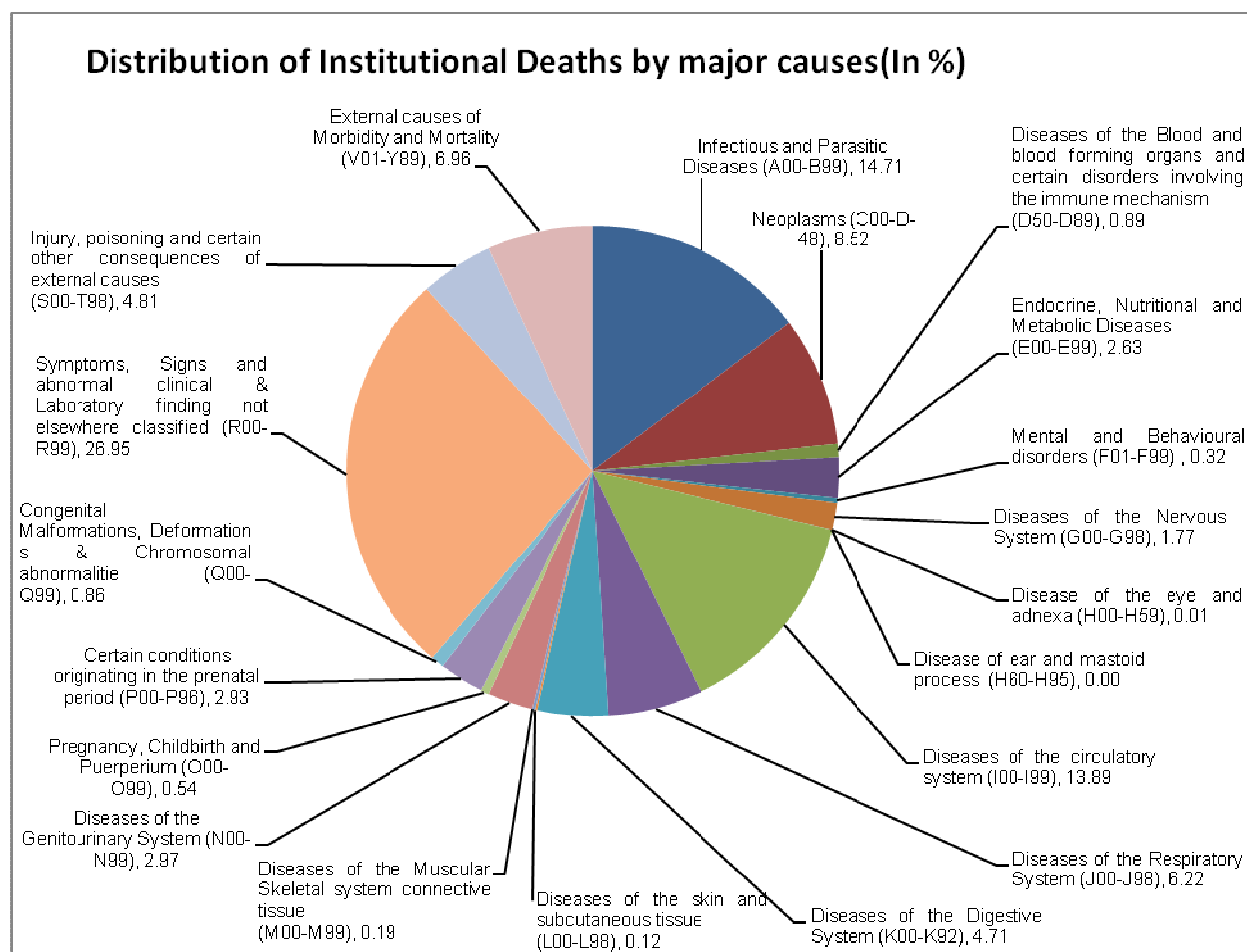
Deaths by Major Causes:

During 2012, out of 104616 (64608 males and 40008 females) deaths, 67856 deaths (42452 males and 25404 females) were covered in the MCCD. The classification of medically certified deaths by leading causes during 2012 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)	6097	3887	9984	14.71
II	Neoplasms(C00-D48)	3457	2315	5772	8.52
III	Diseases of the Blood & blood forming organs and certain disorders involving the immune mechanism (D50-D89)	349	255	604	0.89
IV	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	936	848	1784	2.63
V	Mental and Behavioural disorders(F10-F99)	158	62	220	0.32
VI	Diseases of the Nervous System (G00-G98)	727	475	1202	1.77
VII	Diseases of the eye and adnexa(H00 - H59)	7	1	8	0.01
VIII	Diseases of the ear and mastoid process (H60-H95)	1	2	3	0.00
IX	Diseases of the circulatory system (I00-I99)	5910	3510	9420	13.89
X	Diseases of the Respiratory System (J00-J98)	2616	1599	4215	6.22
XI	Diseases of the Digestive System (K00-K92)	2207	990	3197	4.71
XII	Diseases of the skin and subcutaneous tissue(L00 - L98)	48	36	84	0.12
XIII	Diseases of the Musculoskeletal system connective tissue (M00-M99)	69	57	126	0.19
XIV	Diseases of the Genitourinary System (N00 - N99)	1196	811	2007	2.97
XV	Pregenancy, Childbirth and the puerperium (O 00 - O 99)	0	367	367	0.54
XVI	Certain conditions originating in the perinatal period (P00-P96)	1273	714	1987	2.93
XVII	Congenital Malformations, Deformations& chromosomal abnormalities(Q00-Q99)	417	184	601	0.86
XVIII	Symptoms, Signs and abnormal clinical & laboratory findings nec.,(R00 - R 99)	11969	6319	18288	26.95
XIX	Injury, poisoning and certain other consequences of external causes (S00-T98)	1934	1329	3263	4.81
XX	External causes of Morbidity and Mortality (V01-Y89)	3081	1643	4724	6.96
ALL		42452	25404	67856	100.00

The following diagram will further illustrate the major causes which have accounted for deaths during 2012:-



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 2012, deaths due to major infectious and parasitic diseases were 9984 which work out to 14.71% of the total institutional deaths. Out of this, 20 deaths are due to cholera, 3118 deaths are due to Tuberculosis, 214 deaths are due to Tetanus, 4964 are due to Septicemia, and 134 are due to Hepatitis.

The category neoplasm shows the deaths due to cancer and cancer related diseases. Total number of deaths due to cancerous diseases is 5772 which works out to 8.52% of the total institutional deaths during 2012. 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 5772 cancer deaths, 292 deaths are due to cancer of oral cavity, 614 deaths are due to cancer of digestive organs, 420 deaths are due to cancer of respiratory and intra thoracic organs, 198 deaths are due to breast cancer, 420 deaths are due to cancer of genito urinary organs and 620 deaths are due to leukemia.

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 604 which work out to 0.89 % of the total institutional deaths. Out of 604 deaths 19 are due to thalassaemia and 348 are due to anaemia.

The category endocrine, nutritional and metabolic diseases include disorders of thyroid, diabetic mellitus etc. The deaths due to the above diseases are 1784, which works out to 2.63% of the total institutional deaths. Out of 1784 deaths 1518 deaths are due to diabetic mellitus.

The category diseases of the nervous system include diseases like meningitis, encephalitis, epilepsy etc. This category accounts for 1202 number of deaths during 2012, which is 1.77 % of the total institutional deaths during the year. Out of 1202 deaths, 544 deaths are due to Meningitis, 164 deaths are due to encephalities and 45 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 9420 deaths of which 5910 are males and 3510 are females. It works out to 13.89% of the total institutional deaths during 2012. Out of 9420 deaths 694 deaths are due to chronic rheumatic heart diseases, 1420 deaths are due to hypertensive heart diseases, 339 deaths are due to acute myocardial infarction, 2875 deaths are due to pulmonary heart diseases and 2879 deaths are due to cerebrovascular 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 4215 deaths of which 2616 are male deaths and 1599 are female deaths. This is 6.22% of the total institutional deaths. Out of 4215 deaths, 180 deaths are due to bronchitis, 105 deaths due to asthma, 1595 deaths are due to pneumonia.

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 3197 persons (2207 males and 990 females) died of diseases connected with the digestive system during the year, 2012. It is 4.71% of the total institutional deaths. Out of 3197 deaths 58 deaths are due to gastric and duodenal ulcer, 1504 deaths are due to diseases of liver, and 135 deaths are due to disorders of pancreas.

The diseases connected with the genitourinary system has accounted for the death of a total of 2007 persons (1196 are males and 811 are females). It is 2.97% of the total institutional deaths. This category includes 691 deaths due to renal failure.

Certain conditions originating in the perinatal period have accounted for 1987 deaths of which 1273 are male deaths and 714 are female deaths. It is 2.93% of total institutional deaths in Delhi. Death categorized under this head takes place in infants. Deaths under this category are due to complications of pregnancy, slow foetus growth, malnutrition & immaturity, hypoxia, birth asphyxia, infections of pre-natal period, hematological disorders etc. Out of 1987 deaths 788 deaths are due to slow foetal growth, foetal malnutrition and immaturity, 542 deaths are due to Hypoxia, birth asphyxia and other respiratory conditions .

Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified account for 18288 deaths out of which 11969 male deaths and 6319 are female deaths. 26.95% of the institutional deaths during 2012 are included in this category.

Injury, poisoning and certain other consequences of external causes are responsible for 3263 deaths of which 1934 are males and 1329 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 4.80% of the total institutional deaths.

ANALYSIS OF MEDICALLY CERTIFIED DEATHS BY CAUSES & AGE GROUPS:

Infant Deaths by Major Causes:

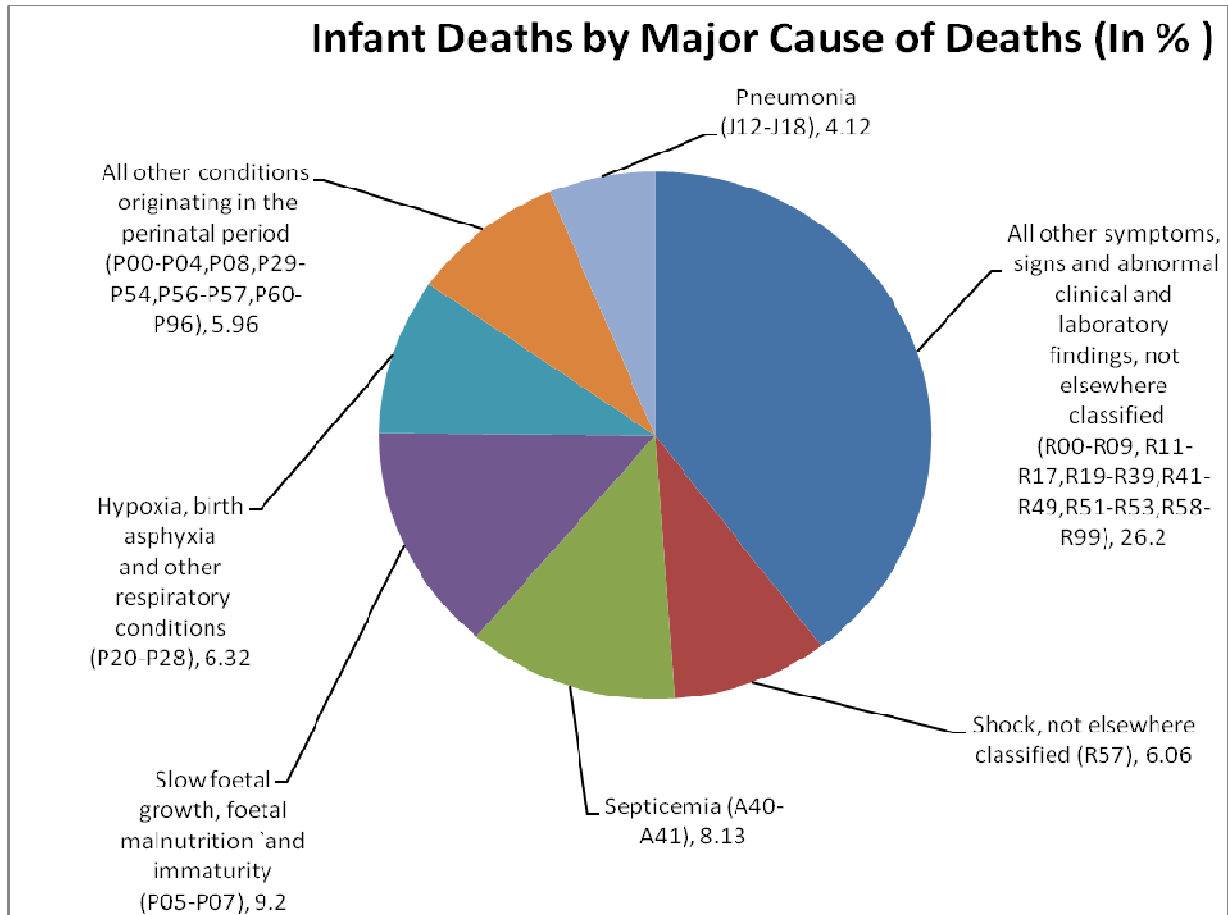
Out of total 104616 deaths 8628 were infant deaths during 2012. Out of the 8628 infant deaths, 5334 are male infant deaths and 3294 are female infant deaths. The infant mortality rate is 23.94. The neo natal mortality rate is 14.34 and the post natal mortality rate is 9.60. Further out of 8628 infant deaths 8569 (99.32%) were in MCCD. The following table gives the distribution of 8569 institutional infant deaths classified as per leading causes of death, having 65.99% proportion of total institutional infant deaths.

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

S.No	Cause of Death & ICD No. 10	No. of Infant Deaths			
		Male	Female	Total	% to Total Infant deaths
1	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)	1353	892	2245	26.20
2	Shock, not elsewhere classified (R57)	320	199	519	6.06
3	Septicemia (A40-A41)	430	267	697	8.13
4	Slow foetal growth, foetal malnutrition and immaturity (P05-P07)	468	320	788	9.20
5	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	349	193	542	6.32
6	All other conditions originating in the perinatal period (P00-P04,P08,P29-P54,P56-P57,P60-P96)	359	152	511	5.96
7	Pneumonia (J12-J18)	207	146	353	4.12
Total (1-7)		3486	2169	5655	65.99
ALL INFANT DEATHS		5307	3262	8569	100

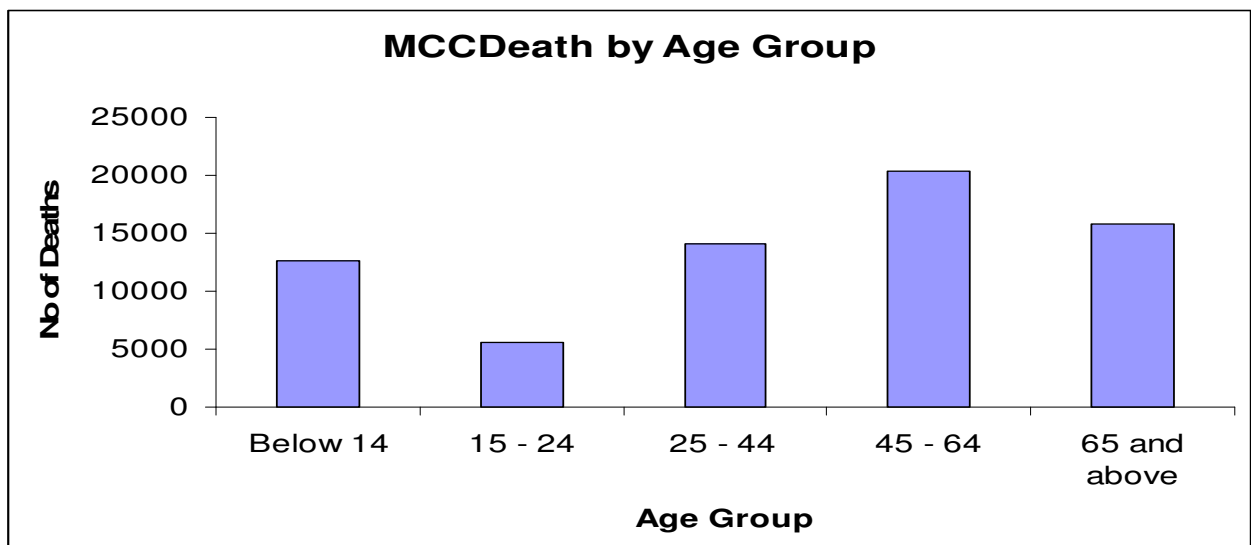
It is observed that out of the total institutional infant deaths during the year 2012, 5.96% infants died due to other conditions originating in the perinatal period, 6.32% due to Hypoxia, birth asphyxia and other respiratory conditions, 8.13% due to septicaemia, 6.06% due to shock, 4.12% due to pneumonia and 9.20% due to slow foetal growth, foetal malnutrition and immaturity.

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 number (20418) of Institutional Deaths during 2012 occurred in the age group of 45-64 years followed by 15637 deaths in the age group of 65 years & above, 13866 deaths in the age groups of 25-44 years. It is observed that minimum number (5165) of deaths occurred in the age group of 15-24 years.

Age group wise institutional deaths by causes:

Children aged 1-4 years:

During 2012, mortality among the children of this age group was 2.61% (1.46% for males and 1.15% for females). Out of institutional deaths of 1768 (991 males and 777 females) children, the infectious and parasitic diseases caused 18.44% death, 8.14% died by diseases of the respiratory system; 5.54% died due to diseases of circulatory system, 5.31% died by the diseases of nervous system.

Children aged 5-14 years:

Mortality in this age group was 3.59% (1.98% for males and 1.61% for females). Out of the total institutional deaths of 2433 (1340 males and 1093 females) children in this age-group, the leading causes of mortality are infectious and parasitic diseases (21.50%); diseases of circulatory system (8.43%), diseases of the respiratory system (5.34 %), diseases of the nervous system and sense organs (4.85%), Endocrine, Nutritional and metabolic diseases (1.31%), symptoms, sign and abnormal clinical & laboratory findings n.e.c. (25.81%).

Persons aged 15-24 years:

Mortality in this age group was 7.61% (4.28% for males and 3.33% for females). Out of the total institutional deaths of 5165 (2903 males and 2262 females) persons in this age group, the leading causes of mortality are infectious and parasitic diseases (16.36%), injury and poisoning etc (14.56%), 9.87% by diseases of circulatory system, 4.05% by diseases of the respiratory system, 2.34% by diseases of nervous system, Symptoms, signs and abnormal clinical & laboratory findings n.e.c. (26.31%). Out of 2262 institutional female deaths in this age group, (12.64%) died due to burns, (5.08%) due to complication of pregnancy, childbirth and the puerperium.

Persons aged 25-34 years:

The mortality in this age group was 9.34 % (5.89% for males and 3.45% for females). Out of the total institutional deaths of 6335 (3997 males and 2338 females) in this age group, the important causes of mortality in both the sexes are infectious and parasitic diseases (16.39%); injury & poisoning (12.94%); diseases of the circulatory system (11.30%); (6.80%) malignant neoplasm mortality, (3.79%) by diseases of the respiratory system, and symptoms, signs and abnormal clinical & laboratory findings n.e.c. (27.96%). Out of total 2338 female deaths in the age group of 25-34 years, 296 i.e. 12.66% deaths are due to burns whereas 123 females i.e. 5.26% women in this age group died due to complication of pregnancy, childbirth and the puerperium are cause of deaths.

Persons aged 35-44 years:

The mortality in this age group was 11.10% (7.59% for males and 3.51% for females). Out of the total institutional deaths of 7531 (5150 males and 2381 females) persons in this age group, the important causes of mortality in both the sexes are infectious and parasitic diseases (16.29%), diseases of the circulatory system (13.49%); diseases of malignant neoplasm (9.02%), diseases of digestive system (8.48%), injury and poisoning (6.57%); diseases of respiratory system (4.62%), diseases of the nervous system (1.53%), symptoms, signs and abnormal clinical & laboratory findings n.e.c. (26.97%). Out of 2381 institutional female deaths in this age group, 4.83 % died due to burns.

Persons aged 45-54 years:

Mortality in this age group was 14.17 % (9.70% for males and 4.47% for females). Out of the total institutional deaths of 9620 (6583 males and 3037 females) persons in this age group, the important causes of mortality in both sexes are diseases of circulatory system (16.48%); infectious and parasitic diseases (13.80%); diseases of the malignant neoplasm (11.36%), diseases of digestive system (6.81%), diseases of the respiratory system (5.93%), Injury & poisoning (3.49%), endocrine, nutritional & metabolic diseases (3.33%), diseases of the genitourinary system (3.32%), and symptoms, signs and abnormal clinical & laboratory findings n.e.c. (24.69%).

Persons aged 55-64 years:

Mortality in this age group was 15.91% (10.31% for males and 5.60% for females). Out of the total institutional deaths of 10798 (6998 males and 3800 females) persons in this age group, the important causes of mortality are diseases of the circulatory system (18.23%); infectious and parasitic diseases (13.93 %), malignant neoplasm (10.47%) , diseases of the respiratory system (7.13%), endocrine, nutritional & metabolic diseases (4.34%) and symptoms, signs and abnormal clinical & laboratory findings n.e.c. (25.72%).

Persons aged 65-69 years:

Mortality in this age group was 6.88% (4.17% for males and 2.71% for females). Out of the total deaths of 4666 (2829 males and 1837 females) persons in this age group, the important causes of mortality are diseases of the circulatory system (20.60%); infectious and parasitic diseases (12.94%); malignant neoplasm (9.90%), diseases of the respiratory system (7.91 %), endocrine, nutritional & metabolic diseases (4.52%), and symptoms, signs and abnormal clinical & laboratory findings n.e.c. (23.96%).

Persons aged 70 years and above:

Mortality in this age group was 16.16% (9.36% for males and 6.80% for females). Out of the total institutional deaths of 10971 (6354 males and 4617 females) in this age group, the important causes of mortality are diseases of the circulatory system (19.12%); infectious and parasitic diseases (14.26%), diseases of the respiratory system (8.60%), malignant neoplasm (7.15%), endocrine, nutritional & metabolic diseases (4.07%) and symptoms, signs and abnormal clinical & laboratory findings n.e.c. (26.47%).

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 2001-2012, in Delhi, approx. 60% of the deaths have taken place in hospitals and cause of death was reported in these cases.

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 2006 to 2008.

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			
		2006	2007	2008	2006	2007	2008	
1	2	3	4	5	7	8	9	
1	Andhra Pradesh	403800	427698	412561	14.5	14.6	14.9	
2	Arunachal Pradesh	1364	1609	1598	-	-	-	
3	Assam	91858	77458	80211	-	-	27.3	
4	Bihar	172789	176040	168133	6.6	8.4	7.5	
5	Chhattisgarh	140962	151146	107017	4.8	5.7	7.7	
6	Goa	11980	12174	11891	-	100	100	
7	Gujrat	297787	305752	311990	10.7	11.2	15.9	
8	Haryana	123501	133581	143929	14.8	16.5	16.3	
9	Himachal Pradesh	40337	39915	42386	6.9	7.4	10.00	
10	Jammu & Kashmir	31756	34489	35265	-	-	-	
11	Jharkhand	98743	100569	96798	-	-	-	
12	Karnataka	387604	381890	372062	24.3	25.5	30.3	
13	Kerala	219094	238691	221769	3.3	9.3	9.5	
14	Madhya Pradesh	339943	330922	304783	7.3	8.0	11.3	
15	Maharashtra	568611	603112	629770	36.8	35.7	34.6	
16	Manipur	4195	4975	3323	45.6	42.5	76.7	
17	Meghalaya	12747	11235	10850	34.1	36.9	40.3	
18	Mizoram	4697	4907	5587	31.2	36.1	43.2	
19	Nagaland	7239	6204	7347	5.6	5.7	2.9	
20	Orissa	249427	260843	272417	5.7	10.1	11.3	
21	Punjab	163549	173989	183141	9.7	10.4	10.7	
22	Rajasthan	315308	323587	328953	10.7	9.6	9.8	
23	Sikkim	2717	2720	2890	30.3	32.7	32.00	
24	Tamilnadu	443503	433970	429981	22.9	26.5	29.5	
25	Tripura	13698	NA	NA	16.1	-	-	
26	Uttrakhand	24378	28673	27990	5.1	11.1	10.6	
27	Uttar Pradesh	720950	1117312	927328	-	-	-	
28	West Bengal	279321	293114	360977	2.9	2.9	3.6	
UTs								
1	A&N Islands	1953	1889	1824	61.8	55.5	54	
2	Chandigarh	11455	12690	14098	-	-	-	
3	Dadra & Nagar Haveli	1122	1165	1187	-	-	-	
4	Daman & Diu	956	1030	962	-	-	-	
5	Delhi	98908	100974	107600	60.92	58.68	53.09	
6	Lakshadweep	390	347	370	-	-	-	
7	Puducherry	11596	10460	11519	79.6	95.5	63.2	

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 2012. 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 2001-2012.

Medical Certification of cause of deaths in retrospect (2001-2012)

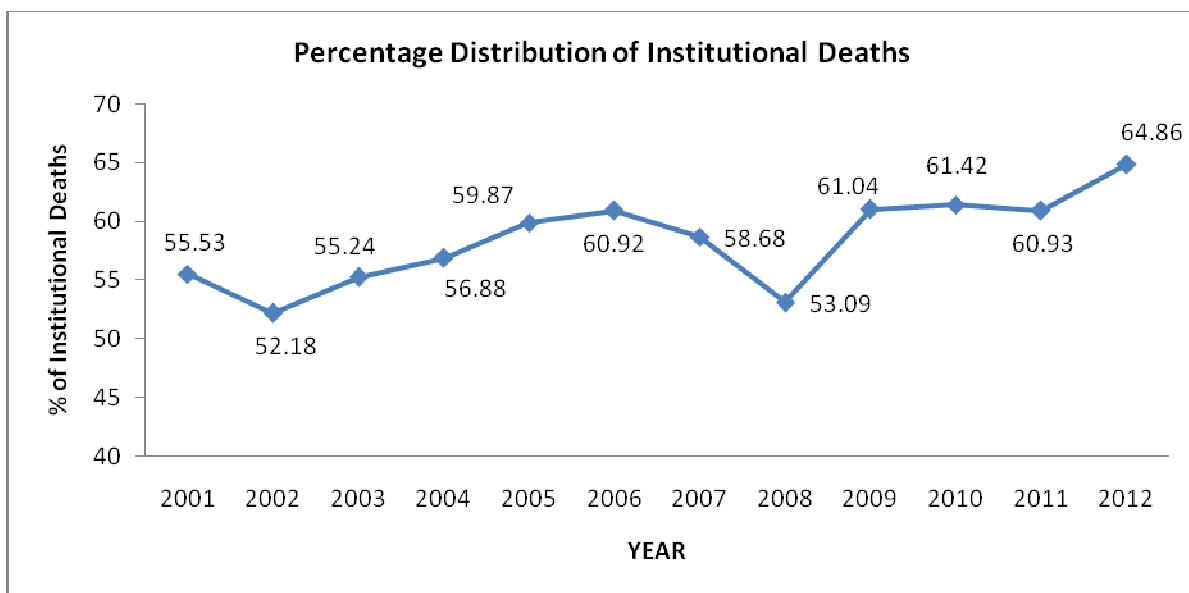
During the period from 2001-2012, it was noticed that the level of hospital deaths in Delhi has varied between 55.53 to 64.86 percent. The lowest level i.e. 52.18% institutional deaths were reported during the year 2002. The maximum level of institutional deaths i.e. 64.86% were reported during 2012. The following table shows the percentage distribution of medical certification of cause of death i.e. the number of deaths taken place in hospitals.

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

From the table, it is clear that the total No. of deaths in Delhi has increased from 81100 in the year 2001 to 104616 in the year 2012. The lowest number of deaths i.e. 81100 were reported in 2001 and the highest number i.e. 124353 were reported in 2010. Similarly the number of institutional deaths also increased during the period. The lowest number of institutional deaths i.e. 44965 were reported in 2002 and the highest number of institutional deaths i.e. 76373 were reported in 2010.

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



It is evident from the above graph that the percentage of institutional deaths increased from 55.24% in the year 2003 to 64.86% in 2012. In July 2003 the government has notified the MCCD a mandatory feature in the NCT of Delhi.

Local Body wise Institutional Deaths

In the NCT of Delhi maximum number of deaths are registered in MCD area followed by NDMC and DCB. Similarly, in case of hospital deaths also the maximum number is reported by MCD followed by NDMC and DCB.

During the period from 2001 to 2012, out of the total 1195190 deaths, institutional deaths are 700981 i.e. 58.65 % of the total deaths. Out of this, MCD has reported 460047 number of deaths, NDMC 224899 number of deaths and DCB 16035 number of deaths. In other words, MCD has reported 65.63% institutional deaths while NDMC 32.08% and DCB 2.29%.

During the period 2001 to 2012, out of 700981 institutional deaths 665744(94.97%) have occurred in hospitals situated in urban area while 35237(5.03%) institutional deaths have taken place in hospitals located in rural area.

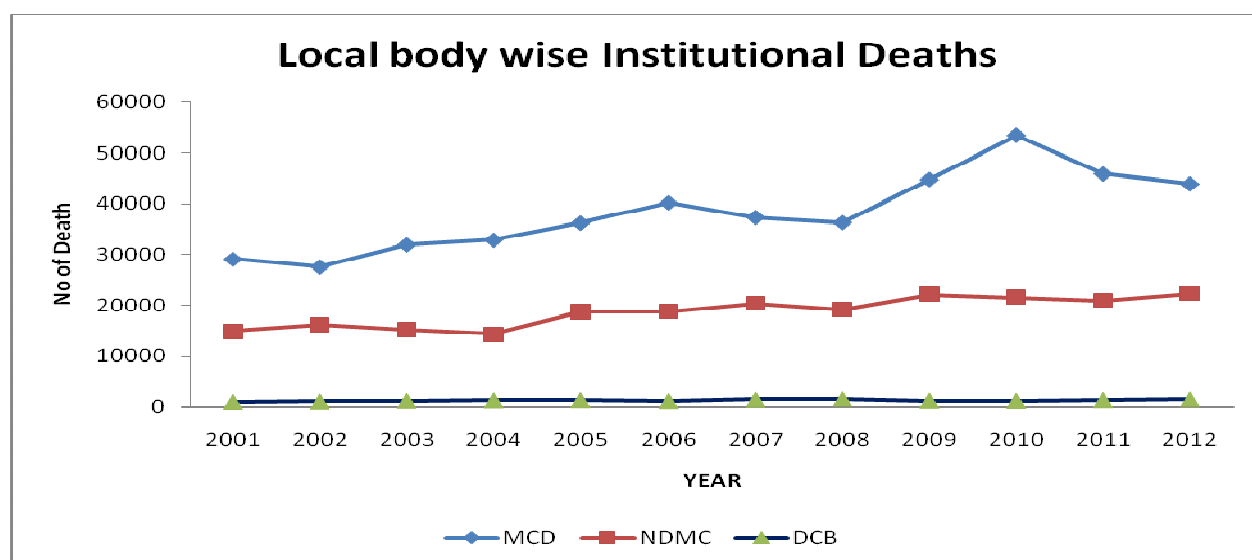
The following table shows the local body wise details of institutional deaths in Delhi during the period from 2001 to 2012.

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

The institutional deaths reported by MCD has increased from 29117 in 2001 to 43944 in 2012 i.e the increase of 50.92% over the number of institutional deaths in 2001. In NDMC, the number of institutional deaths has been increased from 14866 (in 2001) to 22373 (in 2012) showing an increase of 50.50% and in DCB, the institutional deaths have increased from 1051 to 1539 in 2012. This shows that number of patients undergoing hospital treatment at the time of death is increasing in Delhi.

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



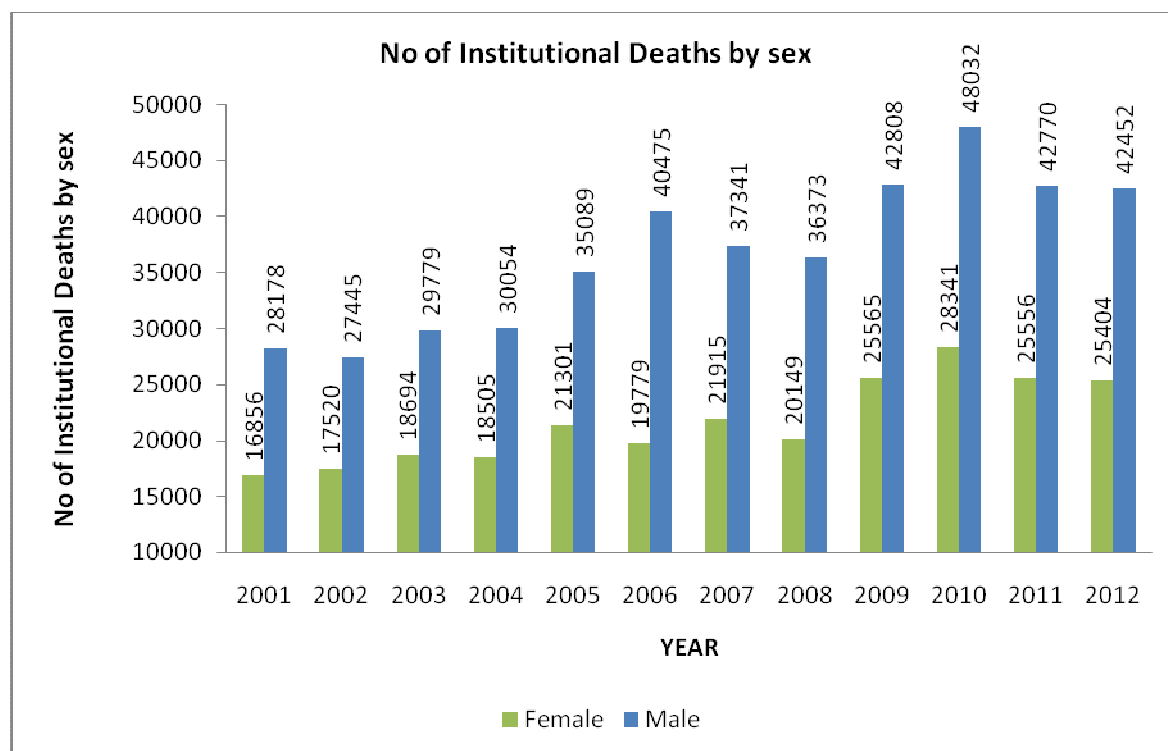
Sex-wise and age-wise analysis of institutional deaths during 2001-2012.

The following table shows the number of institutional deaths sex-wise during the period 2001-2012:

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

From the table, it is clear that during the period 2001-2012 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 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 42452 in 2012, whereas the female deaths increased from 16856 in 2001 to 25404 in 2012. Obviously, the percentage increase in number of male deaths is 50.66 % and it is 50.71 % 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 2001-2012.

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

year	% of MCCD deaths age group wise						
	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

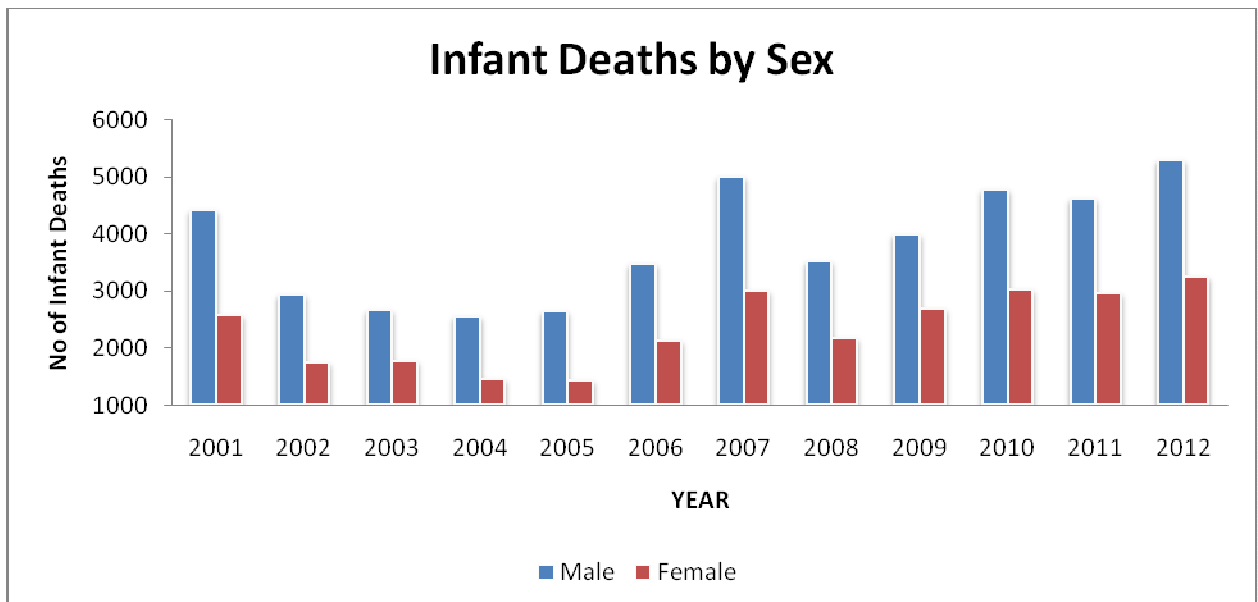
The age group wise analysis reflect that the percentage of number of deaths to total number of deaths has come down from 25.35% to 18.82% in the age group of 14 years & below during the period 2001-2012 whereas no significant difference noticed in the age group of 15-24 years. However, the number of deaths has slightly decreased from 20.65% to 20.43% in the group 25-44 years, and increased from 24.60% to 30.09% in the age group of 45-64 years and from 18.38% to 23.05 % in the age group of 65 years & above.

Institutional infant deaths during the period 2001-2012:

During the period 2001-2012, 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



Major causes of death during 2001-2012:

The following table shows the number of deaths due to heart attack and related heart diseases during 2001-2012 as compared to institutional deaths:

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

Year	Deaths due to heart attack	Deaths taken place in Hospitals	Hospitals death (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

During the period 2001-2012, 139960 deaths (92956 male and 47004 female) have taken place in Delhi due to heart attack and heart related diseases. Out of this 113474 (81.08%) have taken place in hospitals. The maximum number of 16158 deaths were reported in 2009 and the minimum number of 8136 deaths were reported in 2001.

Institutional deaths due to heart diseases varied between 61.10% to 99.75% during 2001-2012. The maximum number of 13904 institutional deaths due to heart diseases was reported in 2009 whereas the lowest number of 6448 institutional deaths were reported in 2005.

Age group wise & Sex wise occurrence of institutional deaths due to heart attack during 2001-2012 may be seen in the following table:

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

Age Group	Male	%age	Female	%age	Total	%age
14years & Below	5549	7.63	3409	8.36	8958	7.89
15-24	4130	5.68	2843	6.97	6973	6.15
25-44	14353	19.75	7325	17.96	21678	19.10
45-64	26725	36.77	12683	31.10	39408	34.74
65years & above	21536	29.63	14270	34.99	35806	31.55
Not stated	395	0.54	256	0.62	651	0.57
Total	72688	100.00	40786	100.00	113474	100.00

The institutional deaths due to heart attack 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 2001-2012, 39408 persons died due to heart attack in the age group of 45 to 64 years, 35806 in the age group of 65 years & above and 21678 in the age group of 25 to 44 years. In case of males the death due to heart attack is 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 occurrence of heart attack in males in the age group of 45-64 years is more than double than that of heart attacks in females. Approx. 36% of the total heart attack deaths in males occur in the age group of 45-64 years.

Institutional deaths due to Pneumonia:

The following table shows the number of deaths due to pneumonia and deaths taken place in hospitals in Delhi during the period 2001-2012.

No 3.8: Institutional deaths due to Pneumonia:

Year	Deaths due to Pneumonia	Deaths taken place in Hospitals	Hospitals death (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

The analysis of data reveals that the maximum numbers of 2250 deaths were reported in 2002 and the minimum numbers of 868 deaths were reported in 2006.

The institutional deaths due to pneumonia varied between 80.34% to 99.27% during the 2001- 2012. The maximum number of 2185 institutional deaths due to pneumonia was reported in 2010 whereas the lowest number of 810 institutional deaths was reported in 2006.

Age group wise & Sex wise occurrence of institutional deaths due to pneumonia during 2001-2012 may be seen in the following table:

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

Age Group	Male	% age	Female	% age	Total	% age
14 years & Below	4101	39.21	2912	43.07	7013	40.73
15-24	759	7.26	629	9.30	1388	8.06
25-44	1498	14.32	862	12.75	2360	13.71
45-64	2141	20.47	1160	17.16	3301	19.17
65 & above	1887	18.05	1167	17.26	3054	17.74
Not stated	72	0.69	31	0.46	103	0.60
Total	10458	100.00	6761	100.00	17219	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 2001-2012, 7013 persons died of pneumonia in the age group of 14 years & below, 3301 in the age group of 45-64 years and 3054 in the age group of 65 years & above. In case of males and females death due to Pneumonia is maximum in the age group of 14 Years & below. This shows that children in 14 years & below age are more affected by Pneumonia in Delhi, constituting about 41% of the hospitals deaths due to Pneumonia.

Institutional deaths due to Tuberculosis:

The following table shows the deaths due to tuberculosis and deaths taken place in hospitals in Delhi during the period 2001-2012:

Statement No 3.10: Institutional deaths due to Tuberculosis:

Year	Deaths due to Tuberculosis	Deaths taken place in Hospital	Hospital death (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

The analysis of data reveals that the maximum numbers of 4924 deaths were reported in 2003 and the minimum numbers of 1881 deaths were reported in 2001.

The institutional deaths due to Tuberculosis varied between 73.05% to 90.80% during the years 2001-2012. The maximum numbers 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 2001-2012 may be seen in the following table:-

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

Age Group	Male	%age	Female	%age	Total	%age
14 Years & below	1344	6.17	1312	11.55	2656	8.01
15-24	2190	10.05	2399	21.12	4589	13.84
25-44	6839	31.39	3456	30.42	10295	31.06
45-64	7808	35.84	2760	24.30	10568	31.88
65 & above	3505	16.09	1374	12.09	4879	14.72
Not stated	102	0.47	59	0.52	161	0.49
Total	21788	100.00	11360	100.00	33148	100.00

The institutional deaths due to Tuberculosis are the maximum in the age group of 45-64 years followed by 25-44 years age group and 65 years and above age group. During 2001-2012, 10568 persons died of tuberculosis in the age group of 45-64 years, 10295 in the age group of 25-44 years and 4456 in the age group of 65 years and above. In case of males the death due to Tuberculosis is maximum in the age group of 45-64 years whereas in females it is maximum in the age group of 25-44 years. The occurrence of Tuberculosis in males in the age group of 45-64 years is more than double than that of Tuberculosis in females. 35.84% of the total Tuberculosis deaths in males occur in the age group of 45-64 years.

Institutional deaths due to Cancer:

The following table shows the details of deaths due to Cancer and deaths taken place in hospitals in Delhi during the period 2001-2012:

Statement No 3.12: Institutional deaths due to Cancer:

Year	Deaths due to Cancer	Deaths taken place in Hospital	Hospital death (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

The analysis of data reveals that the maximum number of 9925 deaths 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 2001-2012. The maximum number of 9266 institutional deaths due to Cancer was reported in 2011 whereas the lowest number of 871 institutional deaths was reported in 2002.

Age group wise & Sex wise occurrence of Cancer during the period 2001-2012 may be seen in the following table:-

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

Age Group	Male	%age	Female	%age	Total	%age
14 Years & below	2355	10.99	1391	10.46	3746	10.79
15-24	1662	7.76	833	6.27	2495	7.18
25-44	4533	21.16	2709	20.37	7242	20.86
45-64	7914	36.94	5308	39.92	13222	38.08
65 & above	4773	22.28	2934	22.07	7707	22.20
Not stated	188	0.87	121	0.91	309	0.89
Total	21425	100.00	13296	100.00	34721	100.00

The institutional deaths due to Cancer are the maximum in the age group of 45-64years followed by 65 years and above age group and 25-44years age group. During 2001-2011, 13222 persons died of Cancer in the age group of 45-64years, 7707 in the age group of 65years & above and 7242 in the age group of 25-44years. In case of males and females, death due to Cancer is maximum in the age group of 45-64years.

Institutional deaths due to Diabetic Mellitus:

The following table shows the details of deaths due to Diabetic Mellitus and deaths taken place in hospitals in Delhi during the period 2001-2012:

Statement No 3.14: Institutional deaths due to Diabetic Mellitus:

Year	Deaths due to Diabetic Mellitus	Deaths taken place in Hospital	Hospital death (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

The above data reflect that the maximum numbers of 5296 deaths were reported in 2006 and the minimum numbers of 620 deaths were reported in 2001. The institutional deaths due to Diabetic mellitus varied between 81.84% to 93.53% during the years 2001-2012. The maximum number of 5118 institutional deaths due to Diabetic Mellitus was reported in 2006 whereas the lowest number of 566 institutional deaths was reported in 2001. Age group wise & Sex wise occurrence of institutional deaths due to Diabetic Mellitus during 2001-2012 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	2353	16.33	1687	15.75	4040	16.08
15-24	716	4.97	576	5.38	1292	5.15
25-44	1734	12.03	1356	12.66	3090	12.30
45-64	5058	35.10	3453	32.25	8511	33.88
65 & above	4511	31.31	3606	33.67	8117	32.32
Not stated	37	0.26	31	0.29	68	0.27
Total	14409	100.00	10709	100.00	25118	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 2001-2012, 8511 persons died due to diabetic Mellitus in the age group of 45-64 years, and 8117 in the age group of 65 years & above. In case of males the maximum deaths due to Diabetic Mellitus are in the age group of 45-64 years. While in case of female the maximum deaths are in 65 years and above age group.

Institutional Burns deaths by Age and Sex:

Institutional deaths from burns tabulated for the period 2001-2012 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	M	F	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
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
Total	652	617	1146	2195	2013	3017	717	508	286	374	4814	6711	11525

During the period 2001 to 2012 total burn deaths in Delhi is 11525. Out of which 4814 are male deaths and 6711 are female deaths. The female burn death is much higher than that of the male burn deaths. During the period 2001 to 2012, 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 has taken place in age group of 25 to 44 years followed by 15-24 years and in both the age groups, the numbers of female deaths are much higher than the male deaths. The burn deaths in the age group 25-44 account for 43.64 % institutional burn deaths and in the age group 15-24 accounts for 28.98% institutional burn deaths.

* * *

Table -1														
Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
I	CERTAIN INFECTIOUS AND PARASITIC DISEASES (A00-B99)													
I	INTESTINAL INFECTIOUS DISEASES (A00-B99)	M	617	176	260	422	653	830	918	1009	352	860	0	6097
		F	408	150	263	423	385	397	410	495	252	704	0	3887
1	INTESTINAL INFECTIOUS DISEASES (A00-A09)	M	32	2	4	9	9	18	18	27	10	23	0	152
		F	23	7	5	9	7	14	11	13	7	17	0	113
1	Cholera (A00)	M	2	0	1	0	0	3	1	3	0	3	0	13
		F	0	1	0	0	1	1	0	1	1	2	0	7
2	Typhoid Fever and paratyphoid	M	0	0	0	3	2	2	0	1	1	1	0	10
		F	0	1	1	1	0	0	0	2	0	1	0	6
3	Food Poisoning (A02,A05)	M	0	0	0	1	0	0	1	0	0	0	0	2
		F	0	0	0	0	1	0	2	0	0	1	0	4
4	Shigellosis (A03)	M	7	0	0	1	1	0	2	0	0	3	0	14
		F	9	0	0	0	0	0	0	0	0	0	0	9
5	Amocbiasis (A06)	M	0	0	0	0	0	0	0	2	1	0	0	3
		F	0	0	0	0	1	0	0	0	0	0	0	1
6	Diarrhoea and gastroenteritis of presumed infectious origin (A09)	M	23	2	3	4	6	13	14	18	8	16	0	107
		F	14	5	4	8	4	13	9	9	6	13	0	85
7	Other intestinal infectious diseases (A04,A07-A08)	M	0	0	0	0	0	0	0	3	0	0	0	3
		F	0	0	0	0	0	0	0	1	0	0	0	1
2	Tuberculosis (A15-A19)	M	21	19	55	196	325	419	398	361	98	193	0	2085
		F	7	15	72	228	174	153	125	127	52	80	0	1033
1	Respiratory Tuberculosis (A15-16)	M	12	6	25	150	270	360	356	319	81	162	0	1741
		F	4	5	44	179	128	121	105	102	42	68	0	798

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2	Tuberculosis of nervous system(A17)	M	7	10	16	20	22	25	21	18	4	13	0	156
		F	2	9	14	23	20	13	10	13	2	7	0	113
3	Tuberculosis of other organs & miliary Tuberculosis (A18-A19)	M	2	3	14	26	33	34	21	24	13	18	0	188
		F	1	1	14	26	26	19	10	12	8	5	0	122
3	Other bacterial diseases (A20-A49)	M	459	111	119	132	210	291	409	556	232	618	0	3137
		F	286	81	112	125	133	168	225	321	181	579	0	2211
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	0	1	3	2	7	2	2	0	17
		F	0	0	0	1	0	1	0	1	1	0	0	4
3	Neontorum Tetanus (A33)	M	21	2	9	7	11	14	22	26	3	20	0	135
		F	18	0	4	5	2	4	4	8	1	4	0	50
4	Other Tetanus (A34-A35)	M	0	1	2	6	3	3	2	0	2	2	0	21
		F	0	0	5	1	1	1	0	0	0	0	0	8
5	Diphtheria (A36)	M	3	12	14	0	0	0	0	1	0	0	0	30
		F	1	9	13	1	0	0	0	1	0	0	0	25
6	Whooping cough (A37)	M	0	0	0	0	0	1	0	1	0	0	0	2
		F	0	0	0	0	0	0	0	0	0	0	0	0
7	Meningococcal infection (A39)	M	3	0	2	1	3	5	4	8	1	2	0	29
		F	0	0	2	1	1	3	1	2	2	2	0	14
8	Septicaemia (A40-A41)	M	430	96	89	115	190	265	372	504	222	588	0	2871
		F	267	71	87	116	127	155	218	306	176	570	0	2093
9	All other types of bacterial Diseases (A21-A28,A31-A32,A38,A42-A49)	M	2	0	3	3	2	0	7	9	2	4	0	32
		F	0	1	1	0	2	4	2	3	1	3	0	17

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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	0	0	2	1	0	2	0	0	1	0	7
		F	0	0	0	1	0	1	1	0	0	0	0	3
1	Syphilis(A50-53)	M	1	0	0	1	0	0	2	0	0	0	0	4
		F	0	0	0	1	0	1	1	0	0	0	0	3
2	Other Types of infections with a predominatly sexual mode of transmission (A54-A64)	M	0	0	0	1	1	0	0	0	0	1	0	3
		F	0	0	0	0	0	0	0	0	0	0	0	0
5	Viral diseases (A70-A74 & A80-B34)	M	15	30	63	45	78	74	67	46	11	13	0	442
		F	22	35	55	30	50	42	30	21	8	21	0	314
1	Acute Poliomyelitis(A80)	M	0	1	0	0	0	1	1	0	0	0	0	3
		F	0	0	0	3	0	0	0	0	1	1	0	5
2	Rabies(A82)	M	1	1	4	2	0	2	3	1	1	0	0	15
		F	1	0	1	0	1	1	2	0	0	0	0	6
3	Japanese encephalitis (A83.0)	M	0	1	1	1	1	1	3	3	0	1	0	12
		F	0	1	0	0	0	0	0	0	0	0	0	1
4	Other Viral encephalitis (A83.1-A83.9, A84-A86)	M	3	14	15	3	8	1	1	3	0	1	0	49
		F	1	11	15	2	4	1	1	1	0	3	0	39
5	Dengue fever (A90)	M	5	5	25	17	17	14	9	9	3	3	0	107
		F	9	12	24	10	13	12	16	11	2	3	0	112
6	Other arthropod-borne viral fevers and viral haemorrhagic favers (A-91-A94, A96-A99)	M	2	0	2	6	10	2	2	2	1	1	0	28
		F	3	1	2	3	4	3	1	0	0	0	0	17

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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)
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	4	0	0	1	0	0	0	0	0	0	6
		F	3	2	5	0	0	0	0	0	0	0	0	10
9	Acute Hepatitis B (B16)	M	1	1	1	1	10	9	14	8	2	4	0	51
		F	0	3	1	4	6	10	5	5	1	7	0	42
10	Other viral hepatitis (B15, B17-B19)	M	0	1	4	3	2	4	2	2	2	1	0	21
		F	0	0	1	4	9	3	0	1	0	2	0	20
11	Human immunodeficiency virus (HIV) disease (B20-B24)	M	0	1	1	6	22	28	21	11	1	0	0	91
		F	0	1	2	0	8	6	2	1	0	0	0	20
12	All other types of viral diseases (A70-A74,A81,A87-A89,A95,B00-B02,B04,B06-B09 &B25-B34)	M	2	1	10	6	7	12	11	7	1	2	0	59
		F	5	4	4	4	5	6	3	2	4	5	0	42
6	Protozoal diseases (B50-B64)	M	24	9	15	33	26	25	17	14	1	9	0	173
		F	22	7	15	28	17	16	13	11	3	6	0	138
1	Malaria (B50-B54)	M	24	9	15	33	26	25	17	14	1	9	0	173
		F	22	7	14	28	17	15	13	11	3	6	0	136
2	All other types of protozoal diseases (B55-B64)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	1	0	0	1	0	0	0	0	0	2
7	Other certain infectious and parasitic diseases & late effect of infectious and parasitic diseases (A65-A69 & A75-A79, B35-B49&B65-B99)	M	65	5	4	5	4	3	7	5	0	3	0	101
		F	48	5	4	2	4	3	5	2	1	1	0	75

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Filariasis (B74)	M	0	0	0	0	0	0	2	3	0	2	0	7
		F	0	0	0	0	1	1	1	0	0	0	0	3
2	Other helminthiasis (B65-B73,B75,B77-B83)	M	0	0	0	1	0	0	0	0	0	0	0	1
		F	0	0	0	1	0	0	0	1	0	0	0	2
3	Other spirochaetal diseases and Rickettsioses (A65-A69 & A75-A79)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
4	All other infectious and parasitic diseases & late effects of infectious and parasitic diseases (B35-B49,B76,B85-B99)	M	65	5	4	4	4	3	5	2	0	1	0	93
		F	48	5	4	1	3	2	4	1	1	1	0	70
II	NEOPLASMS(C00-D48)	M	263	84	153	260	257	374	610	676	287	493	0	3457
		F	168	47	88	129	174	305	483	455	175	291	0	2315
8	Malignant neoplasms of lip. Oral cavity cavity and pharynx (C00-C14)	M	3	1	1	4	20	32	55	59	22	25	0	222
		F	1	0	0	1	7	6	14	20	8	13	0	70
1	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	3	1	1	4	20	32	55	59	22	25	0	222
		F	1	0	0	1	7	6	14	20	8	13	0	70
9	Malignant neoplasms of digestive organs (C15-C26)	M	1	1	0	6	8	39	90	84	52	51	0	332
		F	0	1	0	7	14	48	69	80	29	34	0	282
1	Malignant neoplasm of oesophagus (C15)	M	0	0	0	0	0	13	22	25	12	14	0	86
		F	0	0	0	1	3	16	24	38	11	8	0	101
2	Malignant neoplasm of stomach (C16)	M	0	0	0	0	2	2	11	15	6	7	0	43
		F	0	0	0	0	1	4	4	6	4	1	0	20

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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 small intestine including deodenum (C17)	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	Malignant neoplasm of colon (C18)	M	1	0	0	2	2	2	4	9	6	3	0	29
		F	0	0	0	2	1	2	3	1	4	3	0	16
5	Malignant neoplasm of rectosigmoid junction, rectum, anus and anal canal (C19-C21)	M	0	0	0	4	3	5	7	4	7	1	0	31
		F	0	0	0	2	1	3	1	3	0	1	0	11
6	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	M	0	1	0	0	0	8	14	14	11	8	0	56
		F	0	1	0	2	4	3	8	6	2	0	0	26
7	Malignant neoplasm of pancreas (C25)	M	0	0	0	0	0	4	13	9	6	9	0	41
		F	0	0	0	0	0	2	8	7	3	7	0	27
8	Other malignant neoplasms of digestive organs (C23-C24, C26)	M	0	0	0	0	1	5	19	8	4	9	0	46
		F	0	0	0	0	4	18	21	19	5	14	0	81
10	Malignant neoplasm of respiratory and intrathoracic organs (C30-C39)	M	1	1	1	4	6	23	81	108	48	63	0	336
		F	0	0	2	0	3	13	23	23	10	10	0	84
1	Malignant neoplasm of larynx (C32)	M	1	0	0	0	1	3	10	15	9	7	0	46
		F	0	0	0	0	0	1	0	0	0	2	0	3
2	Malignant neoplasm of trachea, bronchus and lung (C33-C34)	M	0	1	1	3	5	20	70	91	38	52	0	281
		F	0	0	2	0	3	12	23	23	8	8	0	79
3	Other malignant neoplasm of respiratory and intrathoracic organs (C30-C31, C37-C39)	M	0	0	0	1	0	0	1	2	1	4	0	9
		F	0	0	0	0	0	0	0	0	2	0	0	2

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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)
11	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)	M	25	6	11	18	6	10	9	8	8	8	0	109
		F	14	5	11	8	27	43	73	54	13	19	0	267
1	Malignant neoplasm of bone & articular cartilage (C40-C41)	M	1	1	2	12	4	8	6	4	3	7	0	48
		F	3	0	4	5	6	4	5	3	1	2	0	33
2	Malignant melanoma of skin (C43)	M	23	4	6	2	1	1	3	4	3	0	0	47
		F	11	5	3	1	2	4	1	1	0	1	0	29
3	Other malignant neoplasms of skin (C44)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	1	0	0	1
4	Malignant neoplasms of mesothelial and soft tissue (C45-C49)	M	1	1	3	4	1	1	0	0	2	1	0	14
		F	0	0	4	1	1	0	0	0	0	0	0	6
5	Malignant neoplasm of breast (C50)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	1	18	35	67	49	12	16	0	198
12	Malignant neoplasms of genitourinary organs (C51-C68)	M	4	4	6	6	8	17	20	32	21	50	0	168
		F	3	4	3	6	13	48	70	50	27	28	0	252
1	Malignant neoplasm of cervix uteri (C53)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	2	19	26	15	8	5	0	75
2	Malignant neoplasm of other and unspecified parts of uterus (C54-C55)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	1	1	4	0	1	0	7
3	Malignant neoplasm of ovary (C56)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	1	2	5	24	28	22	8	7	0	97

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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	Malignant neoplasm of placenta (C58)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	1	0	0	0	1	0	0	1	0	0	3
5	Other malignant neoplasms of female genital organs (C51-C52,C57)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	1	1	1	3	3	0	1	0	10
6	Malignant neoplasm of prostate (C61)	M	0	0	0	0	1	2	1	11	10	25	0	50
		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	2	1	4	4	4	3	3	3	6	0	30
		F	0	0	0	0	0	0	0	0	0	0	0	0
8	Malignant neoplasm of bladder (C67)	M	4	2	4	2	3	10	14	17	8	19	0	83
		F	3	3	2	3	5	2	12	6	8	14	0	58
9	Other malignant neoplasms of urinary tract (C64-C66,C68)	M	0	0	1	0	0	1	2	1	0	0	0	5
		F	0	0	0	0	0	0	0	0	2	0	0	2
13	Malignant neoplasms of eye, brain and other parts of central nervous system (C69-C72)	M	0	5	6	5	14	10	15	11	4	5	0	75
		F	0	2	1	2	0	5	6	2	4	2	0	24
1	Malignant neoplasm of eye & adnexa (C69)	M	0	2	0	1	0	1	0	2	1	1	0	8
		F	0	2	0	0	0	0	1	1	1	0	0	5
2	Malignant neoplasm of meninges, brain and other parts of central nervous system (C70-C72)	M	0	3	6	4	14	9	15	9	3	4	0	67
		F	0	0	1	2	0	5	5	1	3	2	0	19

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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)
14	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	M	1	3	5	10	7	18	29	44	11	23	0	151
		F	0	1	1	2	5	6	19	17	7	11	0	69
1	Malignant neoplasm of other, ill-defined, secondary, unspecified and multiple sites (C73-C80 & C97)	M	1	3	5	10	7	18	29	44	11	23	0	151
		F	0	1	1	2	5	6	19	17	7	11	0	69
15	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	M	44	38	93	140	101	87	129	112	31	66	0	841
		F	27	20	42	58	56	73	88	66	26	36	0	492
1	Hodgkin's disease (C81)	M	44	7	17	25	21	25	40	40	18	28	0	265
		F	21	4	8	19	15	20	29	27	13	13	0	169
2	Non-Hodgkin's lymphoma (C82-C85)	M	0	0	10	10	14	19	26	26	4	11	0	120
		F	2	1	4	8	9	10	14	10	3	9	0	70
3	Multiple myeloma and malignant plasma cell neoplasms (C90)	M	0	0	0	1	1	6	14	18	3	13	0	56
		F	0	0	0	0	1	2	11	7	4	3	0	28
4	Leukaemia (C91-C95)	M	0	31	66	102	64	37	47	28	6	14	0	395
		F	4	15	30	31	31	41	34	22	6	11	0	225
5	Other malignant neoplasms of lymphoid, haematopoietic and related tissue (C88 & C96)	M	0	0	0	2	1	0	2	0	0	0	0	5
		F	0	0	0	0	0	0	0	0	0	0	0	0
16	Carcinoma in situ(D00-D09)	M	25	15	22	37	47	74	115	139	56	135	0	665
		F	28	9	11	17	18	40	81	98	36	87	0	425

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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)
	Carcinoma in situ (D00-D09)	M	25	15	22	37	47	74	115	139	56	135	0	665
		F	28	9	11	17	18	40	81	98	36	87	0	425
17	Benign neoplasms (D10-D36)	M	19	4	0	3	13	24	27	29	21	23	0	163
		F	15	3	5	3	9	6	23	16	8	12	0	100
1	Leiomyoma of uterus (D25)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	2	1	0	0	0	3
2	All other benign neoplasms (D10-D24, D26-D36)	M	19	4	0	3	13	24	27	29	21	23	0	163
		F	15	3	5	3	9	6	21	15	8	12	0	97
18	Other & Unspecified neoplasm (D37-D48)	M	140	6	8	27	27	40	40	50	13	44	0	395
		F	80	2	12	25	22	17	17	29	7	39	0	250
	Other and unspecified neoplasm (D37-D48)	M	140	6	8	27	27	40	40	50	13	44	0	395
		F	80	2	12	25	22	17	17	29	7	39	0	250
III	diseases of the Blood & blood forming organs and certain disorders involving the immune mechanism (D50-D89)	M	24	18	52	55	45	39	41	34	12	29	0	349
		F	17	14	30	42	22	26	27	32	13	32	0	255
19	diseases of the Blood & blood forming organs and certain disorders involving the immune mechanism (D50-D89)	M	24	18	52	55	45	39	41	34	12	29	0	349
		F	17	14	30	42	22	26	27	32	13	32	0	255

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Thalassaemia (D56)	M	0	3	0	2	4	0	1	1	0	2	0	13
		F	1	0	1	1	0	1	1	0	1	0	0	6
2	Other anaemias (D50-D55,D57-D64)	M	11	9	41	42	21	23	22	16	5	13	0	203
		F	4	8	20	26	8	16	15	18	10	20	0	145
3	All other diseases of blood and blood-forming organs (D65-D76)	M	13	5	11	8	12	8	7	6	3	6	0	79
		F	11	6	8	10	10	4	7	9	1	6	0	72
4	Certain disorders involving the immune mechanism (D80-D89)	M	0	1	0	3	8	8	11	11	4	8	0	54
		F	1	0	1	5	4	5	4	5	1	6	0	32
IV	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES (E00-E89)	M	36	15	12	32	25	63	168	249	113	223	0	936
		F	26	13	20	27	27	42	152	220	98	223	0	848
20	Malnutrition (E40-E46)	M	25	11	1	4	3	2	3	4	0	4	0	57
		F	13	11	4	5	2	0	2	1	1	4	0	43
1	Kwashiorkor (E40)	M	0	0	0	0	1	0	1	0	0	0	0	2
		F	0	0	0	3	0	0	0	0	0	0	0	3
2	Nutritional marasmus (E41)	M	0	0	0	3	2	1	1	4	0	4	0	15
		F	1	0	0	1	1	0	1	1	1	4	0	10
3	Other protein-energy malnutrition (E42-E46)	M	25	11	1	1	0	1	1	0	0	0	0	40
		F	12	11	4	1	1	0	1	0	0	0	0	30
21	Endocrine, other nutritional & metabolic diseases (E00-E34 & E50-E89)	M	11	4	11	28	22	61	165	245	113	219	0	879
		F	13	2	16	22	25	42	150	219	97	219	0	805
1	Disorders of thyroid gland (E00-E07)	M	2	0	1	2	1	2	1	7	4	0	0	20
		F	0	1	0	1	2	2	12	5	2	9	0	34

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2	Diabetes mellitus (E10-E14)	M	4	0	7	15	14	52	155	234	105	210	0	796
		F	5	0	14	18	19	38	131	201	94	202	0	722
3	All other nutritional deficiencies (E50-E64)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	1	0	0	0	0	0	0	0	0	0	0	1
4	All other endocrine and metabolic diseases (E15-E34 & E65-E90)	M	5	4	3	11	7	7	9	4	4	9	0	63
		F	7	1	2	3	4	2	7	13	1	8	0	48
V	Mental and Behavioural disorders (F01-F99)	M	0	0	0	16	24	32	31	28	11	16	0	158
		F	0	0	0	10	14	9	10	8	4	7	0	62
22	Mental and Behavioural disorders (F01-F99)	M	0	0	0	16	24	32	31	28	11	16	0	158
		F	0	0	0	10	14	9	10	8	4	7	0	62
1	Mental and behavioural disorders due to psychoactive substance use (F10-F19)	M	0	0	0	1	10	4	7	5	1	0	0	28
		F	0	0	0	0	0	0	0	0	1	0	0	1
2	Schizophrenia, schizotypal & delusional disorders (F20-F29)	M	0	0	0	13	14	28	24	21	9	16	0	125
		F	0	0	0	10	13	8	9	7	3	7	0	57
3	All other mental and behavioural disorders (F01-F09, F30-F99)	M	0	0	0	2	0	0	0	2	1	0	0	5
		F	0	0	0	0	1	1	1	1	0	0	0	4
VI	Diseases of the Nervous System (G00-G98)	M	114	57	68	70	81	75	91	77	33	61	0	727
		F	74	37	50	51	48	40	50	48	16	61	0	475

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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)
23	Inflammatory diseases of the central nervous system (G00 - G09)	M	96	48	45	33	39	38	43	41	15	28	0	426
		F	62	26	38	30	24	22	30	23	12	33	0	300
1	Meningitis (G00 & G03)	M	82	18	23	23	31	33	38	35	14	27	0	324
		F	50	11	14	22	17	19	27	21	11	28	0	220
2	Encephalitis, myelitis and encephalomyelitis (G04)	M	14	30	22	8	5	4	4	5	1	1	0	94
		F	12	15	22	6	4	3	2	1	1	4	0	70
3	Other inflammatory diseases of the central nervous system (G06, G08-G09)	M	0	0	0	2	3	1	1	1	0	0	0	8
		F	0	0	2	2	3	0	1	1	0	1	0	10
24	Other diseases of the Nervous system (G10-G98)	M	18	9	23	37	42	37	48	36	18	33	0	301
		F	12	11	12	21	24	18	20	25	4	28	0	175
1	Alzheimer's disease (G30)	M	0	0	0	0	0	0	0	0	0	1	0	1
		F	0	0	0	0	0	0	0	0	0	1	0	1
2	Epilepsy (G40-G41)	M	4	2	5	4	4	3	2	3	1	4	0	32
		F	1	2	1	1	2	2	2	1	0	1	0	13
3	All other diseases of the nervous system (G10-G25, G31, G35-G37,G43-G98)	M	14	7	18	33	38	34	46	33	17	28	0	268
		F	11	9	11	20	22	16	18	24	4	26	0	161
VII	Diseases of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	1	2	1	3	0	7
		F	0	0	0	0	0	0	0	0	1	0	0	1
25	Diseases of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	1	2	1	3	0	7
		F	0	0	0	0	0	0	0	0	1	0	0	1

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Disease of the eye and adnexa (H00-H59)	M	0	0	0	0	0	0	1	2	1	3	0	7
		F	0	0	0	0	0	0	0	0	1	0	0	1
													0	
VIII	Diseases of the ear and mastoid process (H60-H95)	M	0	0	0	0	0	0	0	1	0	0	0	1
		F	1	0	0	0	1	0	0	0	0	0	0	2
26	Diseases of the ear and mastoid process (H60-H95)	M	0	0	0	0	0	0	0	1	0	0	0	1
		F	1	0	0	0	1	0	0	0	0	0	0	2
IX	Diseases of the circulatory system (I00-I99)	M	178	62	114	274	409	664	1088	1303	570	1248	0	5910
		F	85	36	91	236	307	352	497	665	391	850	0	3510
27	Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	M	5	5	18	37	53	88	83	85	37	65	0	476
		F	4	1	6	30	49	46	56	43	17	34	0	286
1	Acute rheumatic fever (I00-I02)	M	1	0	2	2	7	5	5	5	3	9	0	39
		F	2	0	1	2	5	4	6	1	2	6	0	29
2	Chronic rheumatic heart diseases (I05-I09)	M	4	5	16	35	46	83	78	80	34	56	0	437
		F	2	1	5	28	44	42	50	42	15	28	0	257
28	Hypertensive disease (I10 - I15)	M	10	1	3	19	49	84	154	191	107	210	0	828
		F	3	1	2	24	29	45	76	120	79	213	0	592
1	Hypertensive heart disease (III)	M	2	1	0	3	14	17	44	42	28	57	0	208
		F	0	1	0	1	6	4	13	24	18	51	0	118

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2	All other hypertensive diseases (I10, I12-I15)	M	8	0	3	16	35	67	110	149	79	153	0	620
		F	3	0	2	23	23	41	63	96	61	162	0	474
29	Ischaemic heart diseases (I20-I25)	M	11	10	11	16	20	60	139	175	101	228	0	771
		F	6	4	8	10	14	26	41	85	75	123	0	392
1	Acute myocardial infarction (I21-I22)	M	1	1	3	2	3	22	40	47	24	80	0	223
		F	2	0	2	2	5	8	12	27	16	42	0	116
2	All other ischaemic heart diseases (I20 & I23-I25)	M	10	9	8	14	17	38	99	128	77	148	0	548
		F	4	4	6	8	9	18	29	58	59	81	0	276
30	Diseases of pulmonary circulation and other forms of heart disease (I26-I58)	M	67	27	31	98	115	180	344	423	164	387	0	1836
		F	34	12	28	71	90	92	146	186	104	276	0	1039
1	Pulmonary heart disease and diseases (I26-I28)	M	9	4	1	5	3	9	35	52	24	68	0	210
		F	3	2	2	2	10	13	17	32	9	42	0	132
2	Other forms of heart diseases (I30-I58)	M	58	23	30	93	112	171	309	371	140	319	0	1626
		F	31	10	26	69	80	79	129	154	95	234	0	907
31	Cerebrovascular diseases(I60-I69)	M	78	19	46	98	154	226	339	389	141	327	0	1817
		F	33	18	43	79	92	124	164	217	106	186	0	1062
1	Cerebrovascular diseases (I60-I69)	M	78	19	46	98	154	226	339	389	141	327	0	1817
		F	33	18	43	79	92	124	164	217	106	186	0	1062

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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)
32	Other diseases of the circulatory system (I70-I99)	M	7	0	5	6	18	26	29	40	20	31	0	182
		F	5	0	4	22	33	19	14	14	10	18	0	139
1	Atherosclerosis (I70)	M	1	0	1	0	1	0	1	3	3	7	0	17
		F	0	0	0	0	1	0	2	0	0	3	0	6
2	Arterial embolism and thrombosis (I74)	M	0	0	1	0	0	1	0	1	2	2	0	7
		F	0	0	0	0	2	0	0	1	1	0	0	4
3	Other diseases of arteries, arterioles & capillaries (I71-I73 & I77-I78)	M	0	0	1	1	2	5	2	5	1	5	0	22
		F	0	0	0	1	1	3	3	3	3	6	0	20
4	Phlebitis, thrombophlebitis, venous embolism and thrombosis (I80-I82)	M	6	0	1	4	13	11	18	13	9	6	0	81
		F	5	0	4	18	28	14	5	6	5	3	0	88
5	All other diseases of the circulatory system (I83-I99)	M	0	0	1	1	2	9	8	18	5	11	0	55
		F	0	0	0	3	1	2	4	4	1	6	0	21
X	DISEASES OF THE RESPIRATORY SYSTEM (J00-J98)	M	290	75	75	129	138	227	370	499	246	567	0	2616
		F	201	69	55	80	102	121	200	271	123	377	0	1599
33	DISEASES OF THE UPPER RESPIRATORY TRACT (J00-J06 & J30-J39)	M	11	1	9	19	23	39	54	77	29	64	0	326
		F	11	4	10	6	20	17	21	34	22	41	0	186
1	Acute pharyngitis and acute tonsillitis (J02-J03)	M	0	0	2	0	0	2	2	0	0	2	0	8
		F	0	0	0	0	0	0	0	1	0	3	0	4

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2	Acute laryngitis and tracheitis (J04)	M	2	0	5	9	7	10	10	20	7	13	0	83
		F	1	3	5	3	9	6	8	16	4	7	0	62
3	Other acute upper respiratory infections (J00-J01, J05-J06)	M	9	1	2	7	16	26	41	55	22	46	0	225
		F	9	0	4	3	10	10	13	16	17	31	0	113
4	All other diseases of upper respiratory tract (J30-J39)	M	0	0	0	3	0	1	1	2	0	3	0	10
		F	1	1	1	0	1	1	0	1	1	0	0	7
34	Lower respiratory diseases (J20-J22 & J40-J47)	M	17	5	8	22	33	63	139	198	117	211	0	813
		F	14	6	5	17	20	34	56	76	47	130	0	405
1	Acute bronchitis and acute bronchiolitis (J20-J21)	M	8	1	5	5	15	23	21	20	9	18	0	125
		F	8	3	0	4	4	3	9	9	3	12	0	55
2	Bronchitis, chronic and unspecified, emphysema(J40-J43)	M	5	1	2	9	6	6	8	11	6	12	0	66
		F	4	2	1	6	3	4	2	8	5	5	0	40
3	Asthma (J45-J46)	M	0	0	1	1	0	2	6	14	1	16	0	41
		F	0	0	1	4	3	6	5	13	3	29	0	64
4	Other lower respiratory disorders (J22, J44 & J47)	M	4	3	0	7	12	32	104	153	101	165	0	581
		F	2	1	3	3	10	21	40	46	36	84	0	246
35	Other diseases of the respiratory system (J10-J18,J60-J98)	M	262	69	58	88	82	125	177	224	100	292	0	1477
		F	176	59	40	57	62	70	123	161	54	206	0	1008
1	Influenza (J10-J11)	M	15	1	2	0	2	4	5	15	8	24	0	76
		F	12	0	1	3	5	3	9	6	4	13	0	56

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2	Pneumonia (J12-J18)	M	207	57	34	48	48	72	115	135	59	179	0	954
		F	146	47	26	33	27	42	74	91	34	121	0	641
3	Pleurisy (J90)	M	4	0	2	5	1	6	2	4	3	8	0	35
		F	1	1	1	1	1	2	2	5	0	3	0	17
4	All other diseases of the respiratory system (J60-J86, J92-J98)	M	36	11	20	35	31	43	55	70	30	81	0	412
		F	17	11	12	20	29	23	38	59	16	69	0	294
XI	DISEASES OF THE DIGESTIVE SYSTEM (K00-K92)	M	133	21	29	123	245	509	528	356	92	171	0	2207
		F	97	23	50	99	114	130	127	146	73	131	0	990
36	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	1	3	1	1	3	7	5	1	8	0	30
		F	0	1	0	1	1	1	3	3	1	4	0	15
1	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	1	3	1	1	3	7	5	1	8	0	30
		F	0	1	0	1	1	1	3	3	1	4	0	15
37	Diseases of the other parts of digestive system (K20-K92)	M	133	20	26	122	244	506	521	351	91	163	0	2177
		F	97	22	50	98	113	129	124	143	72	127	0	975
1	Gastric and duodenal ulcer (K25-K27)	M	3	0	1	0	2	7	6	5	1	5	0	30
		F	4	2	2	3	1	5	0	7	2	2	0	28
2	Gastritis and duodenitis (K29)	M	1	0	0	0	1	0	0	2	2	1	0	7
		F	0	1	1	0	0	1	0	3	2	3	0	11
3	Diseases of appendix (K35-K38)	M	0	0	2	1	0	0	1	1	0	0	0	5
		F	0	0	0	2	0	0	0	0	0	0	0	2

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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	Hernia (K40-K46)	M	8	0	0	0	1	2	3	3	1	0	0	18
		F	0	0	1	0	0	1	2	2	0	5	0	11
5	Paralytic ileus and intestinal obstruction without hernia (K56)	M	63	5	5	13	17	27	35	24	12	11	0	212
		F	48	0	4	14	21	18	18	13	6	14	0	156
6	Peritonitis (K65)	M	25	4	5	25	22	44	53	58	21	40	0	297
		F	11	0	10	26	23	28	22	36	19	37	0	212
7	Diseases of the liver (K70-K76)	M	5	9	10	43	150	344	335	201	38	50	0	1185
		F	3	10	22	35	45	48	53	50	25	28	0	319
8	Cholelithiasis and cholecystitis (K80-K81)	M	4	0	0	3	1	2	4	4	1	5	0	24
		F	5	0	0	1	1	6	6	4	4	5	0	32
9	Disorders of the pancreas (K85-K86)	M	0	0	0	4	22	24	24	11	3	7	0	95
		F	0	0	0	5	7	9	3	9	3	4	0	40
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	24	2	3	33	28	56	60	42	12	44	0	304
		F	26	9	10	12	15	13	20	19	11	29	0	164
XII	Diseases of the skin and subcutaneous tissue (L00-L98)	M	2	2	1	5	7	7	8	8	4	4	0	48
		F	3	0	2	2	9	4	6	2	3	5	0	36
38	Diseases of the skin and subcutaneous tissue (L00-L98)	M	2	2	1	5	7	7	8	8	4	4	0	48
		F	3	0	2	2	9	4	6	2	3	5	0	36

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Infections of the skin and subcutaneous tissue (L00-L08)	M	0	2	0	4	4	6	4	3	3	3	0	29
		F	2	0	0	0	1	0	5	2	1	2	0	13
2	All other diseases of the skin and subcutaneous tissue (L10-L98)	M	2	0	1	1	3	1	4	5	1	1	0	19
		F	1	0	2	2	8	4	1	0	2	3	0	23
XIII	Diseases of the Musculoskeletal system connective tissue (M00-M99)	M	3	1	3	13	7	10	10	11	5	6	0	69
		F	1	3	2	9	4	10	5	8	3	12	0	57
39	Diseases of the Musculoskeletal system connective tissue (M00-M99)	M	3	1	3	13	7	10	10	11	5	6	0	69
		F	1	3	2	9	4	10	5	8	3	12	0	57
1	Rheumatoid arthritis and other inflammatory polyarthropathies (M05-M13)	M	0	0	2	6	2	4	0	1	2	1	0	18
		F	1	0	0	3	0	3	1	1	0	3	0	12
2	Osteomyelitis (M86)	M	1	0	0	1	0	2	0	2	1	1	0	8
		F	0	1	0	0	0	1	1	1	0	1	0	5
3	All other diseases of the musculoskeletal system and connective tissue (M00-M02, M15-M43-M85, M87-M99)	M	2	1	1	6	5	4	10	8	2	4	0	43
		F	0	2	2	6	4	6	3	6	3	8	0	40
XIV	DISEASES OF THE GENITOURINARY SYSTEM (N00 - N99)	M	182	18	34	71	89	112	204	197	96	193	0	1196
		F	126	21	24	49	53	97	115	130	65	131	0	811

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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)
40	Disease of urinary system (N00-N39)	M	182	18	34	64	87	102	180	188	91	184	0	1130
		F	11	5	9	46	48	89	108	121	57	121	0	615
1	Glomerular diseases (including Nephritic Synodrome) (N00-N07)	M	2	0	5	15	18	10	20	21	5	15	0	111
		F	1	0	2	13	11	13	12	15	3	8	0	78
2	Renal tubulo-interstitial diseases (N10-N15)	M	12	0	3	3	9	5	8	2	2	5	0	49
		F	0	2	0	4	5	4	6	5	1	1	0	28
3	Renal failure (N17-N19)	M	29	4	2	17	20	47	76	85	46	96	0	422
		F	6	0	2	9	18	25	38	65	28	78	0	269
4	Urolithiasis (N20-N23)	M	0	0	1	0	0	0	2	3	2	0	0	8
		F	0	1	0	0	1	0	2	2	0	3	0	9
5	Other disorders of kidney and ureter (N25-N28)	M	59	1	6	18	28	30	51	54	24	51	0	322
		F	0	1	5	15	8	34	39	25	17	22	0	166
6	All other diseases of urinary system (N30-N39)	M	80	13	17	11	12	10	23	23	12	17	0	218
		F	4	1	0	5	5	13	11	9	8	9	0	65
41	Other diseases of the genitourinary system (N40-N99)	M	0	0	0	7	2	10	24	9	5	9	0	66
		F	115	16	15	3	5	8	7	9	8	10	0	196
1	Hyperplasia of prostate (N40)	M	0	0	0	7	1	8	18	9	4	9	0	56
		F	0	0	0	0	0	0	0	0	0	0	0	0
2	All other diseases of male genital organs (N41-N50)	M	0	0	0	0	1	2	6	0	1	0	0	10
		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	115	15	15	2	4	7	6	7	7	8	0	186

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
4	All other diseases of female genital organs (N60-N64, N71-N76, N80-N99)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	1	0	1	1	1	1	2	1	2	0	10
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	115	123	60	69	0	0	0	0	367
42	Pregnancy with abortive outcome (O00-O08)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	8	9	2	3	0	0	0	0	22
1	Spontaneous abortion (O03)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
2	Medical abortion (O04)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	1	0	0	0	0	1
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	8	9	2	2	0	0	0	0	21
43	Other direct obstetric deaths (O10-O92)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	63	62	30	35	0	0	0	0	190
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	25	14	16	18	0	0	0	0	73
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	3	2	2	2	0	0	0	0	9
3	Obstructed labour (O64-O66)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	2	6	5	14	0	0	0	0	27

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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	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	17	21	4	1	0	0	0	0	43
5	Other complications of pregnancy and delivery (O20-O22,O24-O63 & O67-O84)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	16	19	3	0	0	0	0	0	38
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	44	52	28	31	0	0	0	0	155
1	Indirect obstetric deaths (O98-O99)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	26	31	11	2	0	0	0	0	70
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	18	21	17	29	0	0	0	0	85
XVI	Certain conditions originating in the perinatal period (P00-P96)	M	1273	0	0	0	0	0	0	0	0	0	0	1273
		F	714	0	0	0	0	0	0	0	0	0	0	714
45	Certain conditions originating in the perinatal period (P00-P96)	M	1273	0	0	0	0	0	0	0	0	0	0	1273
		F	714	0	0	0	0	0	0	0	0	0	0	714
1	Slow fetal growth, fetal malnutrition and immaturity (P05-P07)	M	468	0	0	0	0	0	0	0	0	0	0	468
		F	320	0	0	0	0	0	0	0	0	0	0	320
2	Birth trauma (P10-P15)	M	26	0	0	0	0	0	0	0	0	0	0	26
		F	11	0	0	0	0	0	0	0	0	0	0	11
3	Hypoxia, birth asphyxia and other respiratory conditions (P20-P28)	M	349	0	0	0	0	0	0	0	0	0	0	349
		F	193	0	0	0	0	0	0	0	0	0	0	193

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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	Haemolytic disease of fetus and new born(P55)	M	65	0	0	0	0	0	0	0	0	0	0	65
		F	33	0	0	0	0	0	0	0	0	0	0	33
5	Other perinatal Jaundice (P58-P59)	M	6	0	0	0	0	0	0	0	0	0	0	6
		F	5	0	0	0	0	0	0	0	0	0	0	5
6	All other conditions originating in the perinatal period (P00-P04,P08,P29-P54,P56-P57,P60-	M	359	0	0	0	0	0	0	0	0	0	0	359
		F	152	0	0	0	0	0	0	0	0	0	0	152
XVII	Congenital Malformations, Deformations & chromosomal abnormalities (Q00-Q99)	M	296	43	29	11	5	8	6	10	3	6	0	417
		F	121	21	12	9	4	5	4	3	1	4	0	184
46	Congenital Malformations, Deformations & chromosomal abnormalities (Q00-Q99)	M	296	43	29	11	5	8	6	10	3	6	0	417
		F	121	21	12	9	4	5	4	3	1	4	0	184
1	Spina bifida (Q05)	M	4	0	0	0	0	0	0	0	0	0	0	4
		F	5	0	1	0	0	0	0	0	0	0	0	6
2	Congenital malformations of the circulatory sytem (Q20-Q28)	M	192	37	21	8	1	3	3	0	0	2	0	267
		F	66	19	7	6	3	0	2	2	0	1	0	106
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-	M	100	6	8	3	4	5	3	10	3	4	0	146
		F	50	2	4	3	1	5	2	1	1	3	0	72

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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	1687	292	344	860	1294	1534	1788	1839	686	1645	0	11969
		F	1099	247	284	499	477	497	587	938	432	1259	0	6319
47	Symptoms, Signs and abnormal clinical & Laboratory finding not elsewhere classified (R00-R99)	M	1687	292	344	860	1294	1534	1788	1839	686	1645	0	11969
		F	1099	247	284	499	477	497	587	938	432	1259	0	6319
1	Abdominal and pelvic pain (R10)	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	Ascites (R18)	M	0	0	3	1	22	17	18	24	7	4	0	96
		F	0	0	1	1	4	7	7	4	1	8	0	33
3	Somnolence, stupor and coma (R40)	M	0	0	0	0	0	0	0	1	0	0	0	1
		F	0	1	0	1	0	0	1	0	0	0	0	3
4	Fever of unknown origin (R50)	M	5	0	1	8	11	7	13	6	4	4	0	59
		F	6	0	2	12	10	1	5	4	3	2	0	45
5	Senility (R54)	M	0	0	0	0	0	0	0	0	0	722	0	722
		F	0	0	0	0	0	0	0	0	0	591	0	591
6	Syncope and collapse (R55)	M	1	0	0	2	1	1	0	0	0	0	0	5
		F	1	0	0	0	0	0	0	0	0	2	0	3
7	Convulsions, not elsewhere classified (R56)	M	8	1	6	13	13	23	24	13	9	26	0	136
		F	1	3	2	9	8	14	8	13	5	24	0	87
8	Shock, not elsewhere classified (R57)	M	320	55	72	114	166	203	277	351	114	286	0	1958
		F	199	35	47	69	73	107	138	171	81	189	0	1109
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-	M	1353	236	262	722	1081	1283	1456	1444	552	603	0	8992
		F	892	208	232	407	382	368	428	746	342	443	0	4448

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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 (S00-T98)	M	45	90	98	372	453	330	244	155	52	95	0	1934
		F	31	59	78	380	367	165	92	70	28	59	0	1329
48	Fractures (S02,S12,S22,S32,S42,S52,S62)	M	0	2	2	20	21	24	15	22	9	11	0	126
		F	0	0	4	14	8	5	5	10	4	8	0	58
1	Fracture of skull and facial bones (S02)	M	0	1	0	0	0	1	0	1	1	1	0	5
		F	0	0	0	0	0	0	0	1	0	0	0	1
2	Fracture of neck, thorax or pelvis (S12,S22,S32 & T08)	M	0	0	0	4	5	8	6	5	1	4	0	33
		F	0	0	0	1	0	0	0	0	0	0	0	1
3	Fracture of upper limb (S42,S52,S62 & T10)	M	0	0	0	0	1	0	0	0	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
4	Fractures of lower limb (S72,S82,S92 & T12)	M	0	0	0	5	3	1	1	2	1	2	0	15
		F	0	0	0	0	0	0	1	1	1	4	0	7
5	Fractures involving multiple body regions and of unspecified body region (T02)	M	0	1	2	11	12	14	8	14	6	4	0	72
		F	0	0	4	13	8	5	4	8	3	4	0	49
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	2	1	1	0	0	0	0	5
		F	0	0	0	0	0	0	0	0	0	0	0	0

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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)
50	Intracranial and internal injuries, including nerves (S04, S06, S14, S24, S26-S27, S34, S36-S37, S44, S54, S64, S74, S84 & S94)	M	3	2	2	13	15	9	12	15	4	6	0	81
		F	1	0	2	3	2	3	3	7	1	5	0	27
51	Crushing injuries and traumatic amputations of specified and multiple body regions (S07-S08, S17-S18, S28, S38, S47-S48, S57-S58, S67-S68, S77-S78, S87-S88, S97-S98, T04-T05)	M	0	0	0	2	2	0	2	2	0	0	0	8
		F	0	0	0	0	1	0	0	0	0	0	0	1
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)	M	10	34	45	140	187	141	118	61	25	34	0	795
		F	6	25	20	15	24	20	29	16	9	11	0	175
53	Effects of foreign body entering through natural orifice (T15-T19)	M	18	2	3	1	1	1	3	1	0	1	0	31
		F	14	1	3	1	2	2	3	2	2	3	0	33
54	Burns and Corrosions (T20-T32)	M	11	45	38	136	152	102	48	20	5	12	0	569
		F	6	30	39	286	296	115	36	21	6	18	0	853
55	Poisonings by drugs & biological substances and Toxic effects of substances chiefly nonmedicinal as to source (T36-T50 & T51-T65)	M	0	3	3	37	53	29	24	8	4	9	0	170
		F	0	1	6	48	26	13	5	8	0	1	0	108

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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)
56	Other and unspecified effects of external causes and certain early complications of trauma (T33-T35, T66-T79)	M	0	2	1	12	9	6	1	9	0	1	0	41
		F	0	1	3	8	2	1	4	1	0	1	0	21
57	Complications of Surgical and Medical care, not elsewhere classified (T80-T88)	M	3	0	4	8	7	13	14	15	4	19	0	87
		F	4	1	0	3	4	6	5	4	5	9	0	41
58	Late effects of injuries, of poisoning and of other consequences of external causes (T90-T98)	M	0	0	0	2	4	4	6	2	1	2	0	21
		F	0	0	1	2	2	0	2	1	1	3	0	12
XX	External causes of Morbidity and Mortality (V01-Y89)	M	164	37	68	190	265	336	477	544	266	734	0	3081
		F	90	37	44	102	107	121	203	309	159	471	0	1643
E48	Transport Accidents (V01-V99)	M	29	17	24	87	114	112	95	60	19	31	0	588
		F	18	12	14	38	34	24	30	22	11	28	0	231
1	Railway accidents (V05, V15, V80.6, V81, V82.2, V87.6 & V88.6)	M	1	0	0	0	1	2	1	1	0	0	0	6
		F	1	0	1	0	0	0	0	0	0	0	0	2
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-V89.5)	M	0	1	0	7	4	5	2	6	0	0	0	25
		F	0	0	0	0	1	0	1	1	0	0	0	3

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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 road vehicle accidents (V01, V06, V09.9, V10-V11, V16-V18, V19.8, V29.8, V39.8, V49.8, V59.8, V69.8, V79.8, V80.0-V80.2, V80.7-V80.9, V82.3-V82.7, V82.9 & V89.1)	M	1	6	4	23	24	23	19	8	3	9	0	120
		F	1	1	3	3	5	4	5	1	2	3	0	28
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	1	0	0	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
6	(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	0	1	1	1	0	0	1	0	4
		F	0	0	0	0	0	0	0	0	0	0	0	0
E49	Accidental Falls (W00-W19)	M	16	7	9	32	46	38	45	23	12	13	0	241
		F	10	5	6	20	12	3	6	11	5	14	0	92
E50	Accidental drowning and submersion (W65-W74)	M	9	1	7	9	12	24	12	9	0	4	0	87
		F	6	3	1	4	6	8	7	3	0	7	0	45
E51	Exposure to smoke, fire and flames (X00-X09)	M	0	0	1	0	0	0	2	0	0	0	0	3
		F	0	0	0	1	1	0	1	0	0	0	0	3
E52	Accidental poisoning by and exposure to noxious substances (X40-X49)	M	1	2	3	16	23	18	12	13	4	4	0	96
		F	0	3	3	9	8	9	9	6	4	3	0	54
E53	Intentional self-harm (Suicide-attempted) (X60-X84)	M	1	0	0	0	1	0	1	0	0	0	0	3
		F	0	0	0	1	1	0	0	0	0	1	0	3

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	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)
E54	Assault (Homicide) (X-85-Y09)	M	0	0	0	0	2	0	0	0	0	0	0	2
		F	0	0	0	0	0	0	1	0	0	0	0	1
E55	Other Violence (Y10-Y36)	M	0	1	0	1	2	0	1	1	1	0	0	7
		F	0	1	0	0	1	0	0	0	0	0	0	2
1	Event of undetermined intent (Y10-Y34)	M	0	1	0	1	2	0	1	1	1	0	0	7
		F	0	1	0	0	1	0	0	0	0	0	0	2
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	0	1	0	1	3	1	0	7
		F	2	0	0	0	1	0	1	1	1	0	1	6
1	Drugs, medicaments and biological substances causing adverse effects in therapeutic use (Y40-Y59)	M	0	0	0	1	0	0	0	1	0	0	0	2
		F	1	0	0	0	0	0	0	0	1	0	1	3
2	care, adverse adverse incidents in diagnostic and therapeutic use, abnormal reactions and late complications (Y60-Y69, Y70-Y82 & Y83-Y84)	M	0	0	0	0	0	1	0	0	3	1	0	5
		F	1	0	0	0	1	0	1	0	0	0	0	3
E57	Other external causes of accidental injury not elsewhere classified (W20-W64, W75-W99, X10-X39, X50-X59)	M	135	19	42	99	147	218	374	470	239	690	0	2433
		F	69	24	30	63	71	97	168	279	142	429	0	1372

Medically Certified Deaths By Cause and Sex, 2012 (According to the National List)														
Age in Years														
	Name of the Disease	Sex	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	>=70	Not stated	Total
1	2	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Accidents caused by machinery, and by cutting & piercing instruments (W24-W31)	M	0	0	2	9	20	17	11	7	1	3	0	70
		F	0	1	2	5	4	4	3	5	0	1	0	25
2	Accidents caused by firearm missile (W32-W34)	M	1	0	3	4	6	6	4	4	1	1	0	30
		F	0	0	0	1	0	1	1	2	2	0	0	7
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	0	0	0	1	0	2	0	3
		F	0	0	0	0	0	0	0	0	0	0	0	0
5	All other accidents including late effects (W20-W23, W35-W64, W75-W99, X10-X19, X28-X31, X33-X39 & X50-X59)	M	134	19	37	86	121	195	359	458	237	684	0	2330
		F	69	23	28	57	67	92	164	272	140	428	0	1340
E58	Late effects of external causes of morbidity and mortality (Y85-Y89)	M	0	0	2	2	2	5	7	12	4	12	0	46
		F	1	0	0	1	0	0	4	7	6	13	0	32
	Total	M	5307	991	1340	2903	3997	5150	6583	6998	2829	6354	0	42452
		F	3262	777	1093	2262	2338	2381	3037	3800	1837	4617	0	25404
		T	8569	1768	2433	5165	6335	7531	9620	10798	4666	10971	0	67856

Table-2

LOCAL BODY WISE DETAILS OF MEDICALLY CERTIFIED CAUSE OF DEATH DURING (2001-2012)

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

Table-3

SEX WISE DEATHS (2001-2012)

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

Table-4

Details of Institutional Deaths by Age & Sex (2001-2012)

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

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
1	Slow foetal growth, foetal malnutrition and	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)
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)
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)
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)
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)
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)
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)
8	Total	7008	4679	4450	4003	4071	5623	8021	5710	6688	7802	7752	8569

Table-6

PERCENTAGE DISTRIBUTION OF LEADING MAJOR CAUSES OF DEATH DURING (2001-2012)

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(Symptom, 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

Table-7

DEATHS IN DELHI DUE TO HEART ATTACK (2001-2012)

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
				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

Table-8

DISTRIBUTION OF MEDICALLY CERTIFIED HEART ATTACK DEATHS BY AGE & SEX (2001-2012)															
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

Table-9

DEATHS IN DELHI DUE TO PNEUMONIA (2001-2012)

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

Table-10

DISTRIBUTION OF MEDICALLY CERTIFIED PNEUMONIA DEATHS BY AGE & SEX (2001-2012)

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

Table-11

DEATHS IN DELHI DUE TO TUBERCULOSIS (2001-2012)

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

Table-12

DISTRIBUTION OF MEDICALLY CERTIFIED TUBERCULOSIS DEATHS BY AGE & SEX (2001-2012)

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

Table-13

DEATHS IN DELHI DUE TO CANCER (2001-2012)

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

Table-14

DISTRIBUTION OF MEDICALLY CERTIFIED CANCER DEATHS BY AGE & SEX (2001-2012)

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

Table-15

DEATHS IN DELHI DUE TO DIABETIC MELLITUS (2001-2012)

Year	Total Deaths	Institutional Deaths	Domicillary Deaths	NO. of Deaths Due To Diabetic Mellitus			No. Of Diabetic Mellitus Deaths In which MCCD Reported			% Of Deaths Due To Diabetic Mellitus	% Of Diabetic Mellitus Deaths in which MCCD Reported
				MALE	FEMALE	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

Table-16

DISTRIBUTION OF MEDICALLY CERTIFIED DIABETIC MELLITUS DEATHS BY AGE & SEX (2001-2012)															
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