BOTSWANA CAUSES OF MORTALITY,2022 ANNUAL REPORT

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STATISTICS BOTSWANA

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ANNUAL REPORT

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PREFACE

This publication provides information on causes of death in Botswana that occurred in 2022. The report presents summary statistics on selected demographic, geographical characteristics and clinical diagnosis. This will help public health officials, health care providers, policy makers and the public in monitoring disease patterns at national and sub national level. Mortality data is also required for planning and operating public health programs and for establishing priorities in biomedical research.

Statistics Botswana's Health Statistics Unit (HSU) is attached to provide statistical support to the Ministry of Health as an enabler of better national/public health programmes through the collection and dissemination of quality official statistics for evidence-based decision-making, programme monitoring and evaluation.

For more information, contact the Directorate of Stakeholder Relations at **367 1300.** All Statistics Botswana outputs/publications are available on the website at **www.statsbots@org.bw** and at the Statistics Botswana Information Resource Centre (Head-Office, Gaborone).

We sincerely thank all stakeholders involved in the formulation of this report, for their continued support, as we strive to better serve users of our statistical products and services.

Dr. Lucky Mokgatlhe
Statistician General
March 2025

TABLE OF CONTENTS

PREFACE i

TABLE OF CONTENTS. ii

LIST OF ABBREVIATIONS iii
LIST OF TABLES iv
LIST OF FIGURES iv

EXECUTIVE SUMMARY v

1. INTRODUCTION 1

2. DATA SOURCES AND METHODS 1
2.1. Data source 1
2.2. Data Coding and Determining the underlying causes of Death 2
2.3. Data editing and Verification 2
2.4. Data analysis 2

3. RESULTS 3
3.1. Demographic Profile 3
3.2. Underlying Causes of Death 6

4. SUMMARY OF SDG INDICATORS. 17
4.1 Reduce the global maternal mortality ratio 17
4.2. Mortality rate attributed to cardiovascular disease, cancer, diabetes, or chronic respiratory disease 18
4.3 Halve the number of global deaths and injuries from road traffic accidents 18
4.4 Reduce Homicide 19

5. REFERENCES 20

6. APPENDICES. 21

LIST OF ABBREVIATIONS

AIDS	Acquired Immunodeficiency Syndrome
ANACoD	Analysing mortality levels and causes-of-death
CNR	Civil and National Registration
CoDEdit	Coding Edit
CRD	Death notification forms
DHMT	District Health Management Team
DORIS	Digital Open Rule Integrated cause of Death
GBD	Global Burden of Diseases
HIV	Human Immuno Deficiency Virus
ICD	International Classification of Diseases
IPMS	Intergrated Patient Management System
MMR	Maternal Mortality Ratio
RTA	Road Traffic Accidents
SDG	Sustainable Development Goals
WHO	World Health Organisation

LIST OF TABLES

Table 1: Quality of ICD 10 deaths for Botswana 2022....2
Table 2: Deaths by place of death occurrence in 2021 &2 022....5
Table 3: Death by Main Category of Diagnosis in Botswana, 2021 and 2022....6
Table 4: Top ten Leading Causes of Death in Botswana, 2021 and 2022....7
Table 5: Major Cause of Death among Neonatal Mortality, Botswana, 2022....9
Table 6: Major Causes of Death among Infants and under five, Botswana, 2022....10
Table 7: Mortality attributed to External Causes of injuries by Health District - 2022....14
Table 8: Cause of death by Global Burden of Diseases in Botswana, 2021 and 2022....15
Table 9: Botswana Maternal Mortality Ratio 2014-2022....17
Table 10: Death Rate due to Road Traffic Accidents (RTA), 2022....19
Table 11: Suicide Mortality Rate, 2022....19

LIST OF FIGURES

Figure 1: Distribution of Mortality levels by Health District, 2022....3
Figure 2: Percent distribution of deaths by age and sex, 2022....4
Figure 3: Number of registered deaths by month....4
Figure 4: Deaths by place of death occurence....5
Figure 5: Sex ratios by Health district, 2022....5
Figure 6: Percentage Distribution of the Top 10 leading Causes of Death by Sex,Botswana, 2022....8
Figure 7: Percentage Distribution of the 10 leading causes of death, by age group, Botswana, 2022....11
Figure 8: Percentage Distribution of the 10 leading causes of death, by age group, Botswana, 2022....11
Figure 9: Percentage Distribution of the 10 leading causes of death, by age group, Botswana....12
Figure 10: Percentage Distribution of the 10 leading causes of death, by 65+ Years, Botswana, 2022....12
Figure 11: Proportional distribution of natural and non-natural causes of death by age, 2022....13
Figure 12: Number of Death by Group Type and Age groups (Global Burden of Diseases), 2022....15
Figure 13: Percentage distribution of causes of death by age and sex, 2022....16
Figure 14: Botswana Maternal Mortality Ratio 2014-2022....17
Figure 15: Percentage of mortality attributable to Cardiovascular disease, diabetes, cancer and chronic respiratory diseases, 2021 and 2022....18

EXECUTIVE SUMMARY

Demographic Characteristics: In 2022, Botswana registered 13,740 deaths a decrease of 21.9 percent, from 17,589 deaths reported in 2021. The highest proportions were registered from Gaborone (17.6%), Francistown (9.9%), and Kweneng East (9.9%) Health Districts. Male deaths (52.2%) slightly outnumbered female deaths (47.8%), with significant variation across districts. Deaths were highest among those aged 85+. There was no major seasonal variation with number of deaths ranging from 1,000 to 1,300 deaths reported per month.

Leading Causes of Death: Among the leading causes of deaths, Certain Infectious and Parasitic Diseases (12.6%) remained the predominant cause of death, followed by Diseases of the Circulatory System (12.5%) and Neoplasms (12%). Deaths due to COVID-19 declined significantly from 2021 with HIV/AIDS becoming the leading cause of death in 2022. . Sex differences revealed variations in the leading causes, with HIV/AIDS being a prominent factor for both males and females.

Age Differentials: Causes of death varied across age groups, with neonates primarily affected by birth-related complications. Diarrheal diseases and lower respiratory infections were significant among younger children (under 5 years). Road traffic accidents were prominent in adolescents and young adults, while HIV/AIDS was prevalent in older age groups (35-64 years). Non-communicable diseases were more prevalent in 65+ age group.

Global Burden of Diseases: Non-communicable diseases (57.5%) became the leading cause of death in 2022, followed by communicable diseases (28.6%) and injuries (13.9%). Age-specific trends showed higher communicable disease-related deaths in children, increasing non-communicable disease-related deaths with age and highest at older ages, and a major injury-related death in young adults.

Natural vs. Non-Natural: Non-natural causes accounted for 13.9% of deaths, with the age group 0-24 years most affected. Among the Non-Natural causes Road traffic accidents (27.6%), self-inflicted injuries (20.0%), and other forms of violence (10.7%) were the most common non-natural causes of death.

1. INTRODUCTION

Statistics on causes of death are widely used in health policy development and monitoring of progress. The World Health Assembly regularly endorses resolutions relating to reducing mortality from specific diseases, relying on cause of death statistics to determine health priorities and measure progress (WHO,2012). Cause of death information is used for analysis of global mortality levels and patterns, burden of disease analysis, and for the formulation of disease prevention and mitigation strategies (WHO,2013). Botswana routinely collects mortality data from a variety of sources, including civil registration systems, health care facilities and from other data sources such as censuses or household surveys. This statistical brief mainly analyses administrative data from civil registration systems augmented by data from Health Facilities.

The Ministry of Health (hospitals and maternity clinics) personnel completes the births and death notification forms CRD-2 upon the occurrence of a death. The completed forms are then taken to the Civil Registration offices for production of the birth and death certificates. Similarly Health Facilities also collects deaths on inpatient clients manually (MH003 - Morbidity, Mortality and Obstetric) or electronically using the Integrated Patients Management System (IPMS) which are sent to the Ministry of Health Headquarters. A death record is designed to allow the certifying physician to record multiple causes of death for a deceased and to arrange them so that the causal relationship of the medical conditions that finally lead to death are recorded. To effectively evaluate the reported mortality information, the conditions listed by the medical certifier are coded using the International Classification of Diseases (ICD-10).

Botswana had made a tremendous improvement in the registration of deaths over the years with a rate of death registration rising from 66.9 percent in 2012, to 80.1 percent in 2019(Statistics Botswana, 2020). . However, reports on the cause of death have been limited to inpatient health facility data, thereby not providing a comprehensive overview of the burden of disease in Botswana. Deaths from health facilities only account to close to half (51.3%) of all registered deaths (Statistics Botswana, 2020). The publication present statistics on deaths by selected socio-demographic and geographic characteristics for deaths registered by Civil and National Registration. The brief also monitors the progress of the government towards the attainment of mortality indicators in SDG 3 (Ensure that healthy lives and promote well-being for all at all ages). This commitment is underscored by Government's subscription to the Sustainable Development Goals (Statistics Botswana, 2018).

2. DATA SOURCES AND METHODS

2.1 Data source

This statistical release primarily uses administrative data from death notification forms provided by the Ministry of Labour and Home Affairs - Department of Civil and National Registration (CNR). . Upon a death, personnel at Ministry of Health facilities complete death notification forms (CRD-2), which are then sent to Civil Registration offices for death certificates. Health facilities also collect cause of death information from inpatients either manually (using the MH003 Form) or electronically through the Integrated Patient Management System (IPMS).The statistics office receives data from the two sources, process the data and produces annual cause of death reports.

Mortality reporting tool allows the reporting of the medical conditions that the Medical certifier attributes to causing or contributing to death. To effectively evaluate the reported mortality information, the conditions listed by the medical certifier are coded using the International Classification of Diseases (ICD-10). The ICD-10 defines the underlying cause of death as: the disease or injury that initiated the sequence of events leading directly to death, or the circumstances of the accident or violence that produced the fatal injury.

2.2 Data Coding and Determining the underlying causes of Death

Health facility data is pre-coded by Diagnostic Coders at both the District and National levels, while Civil & National Registration (CNR) data is not pre-coded. The uncoded CNR data is later coded by Diagnostic Coders at the Ministry of Health.The International Classification of Diseases (ICD-10) is employed to code the conditions listed by the medical certifier. Diagnostic Coders manually derive the underlying cause of death following ICD-10 guidelines. The underlying cause of death is defined as the disease or injury that initiated the sequence of events leading directly to death, or the circumstances of the accident or violence that resulted in the fatal injury (WHO, 1992). When certifying and coding causes of death, the ill-defined causes should be avoided or not used as the underlying cause of death if possible. Below are the two types of ill-defined codes:

i. Deaths classified as Symptoms, signs or clinical findings, not elsewhere classified (ICD-10 chapter XVIII excluding R95 Sudden infant death syndrome).
ii. Vague or unspecified causes of death in other ICD-10 chapters.

2.3 Data editing and Verification

Upon completing the identification of the underlying cause of death, Diagnostic Coders and Analysts conduct a thorough review to identify any data inconsistencies or errors. This review process uses Analysing Mortality Levels and Causes-of-Death 3 (ANACoD3). ANACoD3, is an online tool developed by WHO, to facilitate comprehensive and systematic analysis of mortality and cause-of-death data. It automatically generates tables and figures, highlighting potential inconsistencies and errors while estimating the completeness of reporting. Errors identified undergo verification, and necessary corrections are made. **Table 1**, summarises the quality of Cause of death data in 2022 after editing. The ill-defined deaths constitute 39.4% of all deaths.

TABLE 1: Quality of ICD 10 deaths for Botswana 2022

CAUSES OF DEATH	n	%
Underlying Causes	8,329	60.6
Deaths classified as Symptoms, signs or clinical findings	3,863	28.1
Vague Causes of Death	1,548	11.3
TOTAL	**13,740**	**100.0**

2.4 Data analysis

Data analysis comprised of three phases: examining selected socio-demographic characteristics, analyzing the underlying cause of death, and evaluating progress towards attainment of SDG 3 mortality indicators. ANACoD3 and STATA version 6.0 were employed for analysis. Results from ANACoD3 were cross-checked with those from STATA for consistency, ensuring accurate computation of major causes of diseases and grouping of diseases according to the Global Burden of Diseases.

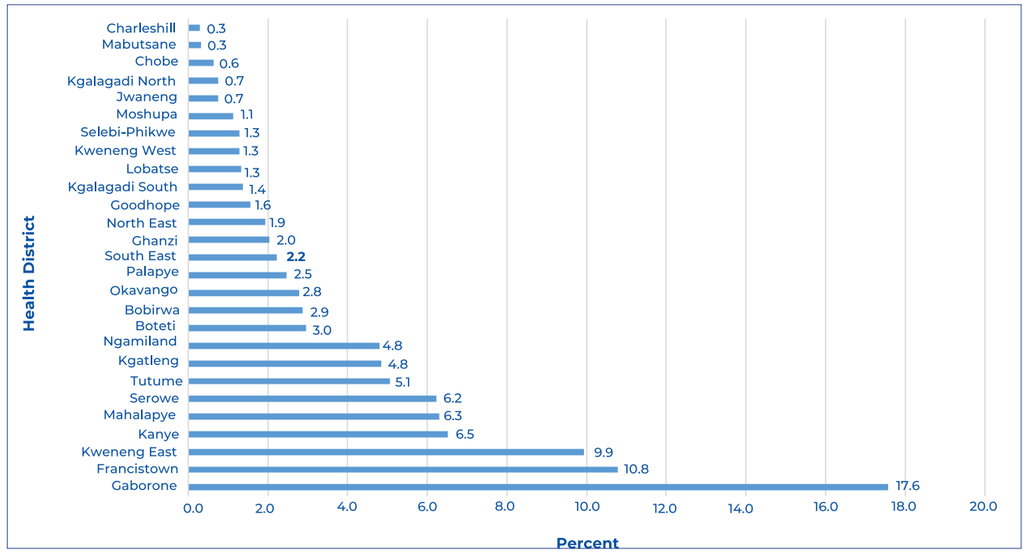
3. RESULTS

3.1 Demographic Profile

3.1.1. Proportion of Mortality reported by Health district

In 2022, Botswana recorded a total of 13,740 deaths. **Figure 1**, shows the distribution of Mortality levels by Health District of Botswana in 2022. The Health districts which recorded the highest proportion of deaths were Gaborone(17.6%), Francistown(9.9%), and Kweneng East (9.9%). Conversely, the districts with the lowest proportions of deaths were recorded in Chobe(0.6%), Mabutsane(0.3%), and Charleshill(0.3%). **Annex 1** provides a detailed breakdown of the mortality levels by Health Districts.

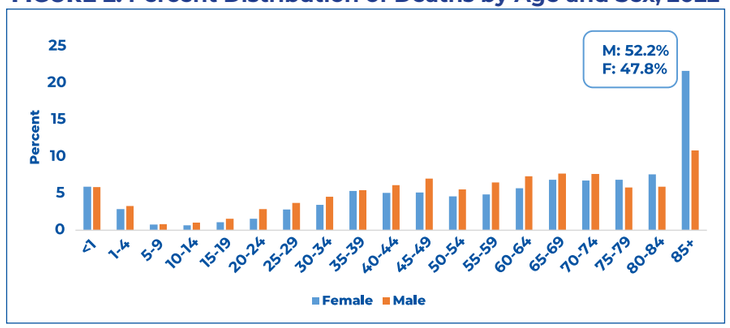
FIGURE 1: Distribution of Mortality levels by Health District, 2022



3.1.2. Age And Sex Distribution

The percentage distribution of deaths by age and sex for the year 2022 in Botswana is depicted in **Figure 2**. It shows an insignificant variation in the proportion of male deaths (52.2%) compared to female deaths (47.8%). There is also a relatively high death rate (9.0%) among under 5. From ages 5 years onwards, a steady increase in the proportion of deaths is reported as age advances with the highest proportion of deaths reported in 85+ age group. Generally, there were more male deaths than female deaths in the age range of 0-74 years, while the opposite was observed in the 75+ age group.

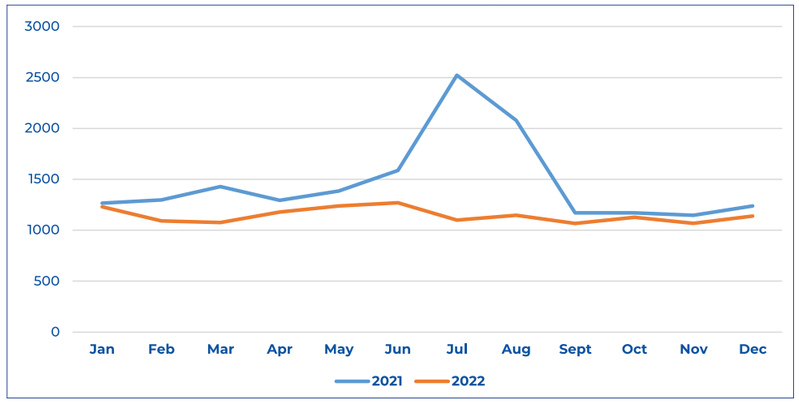
FIGURE 2: Percent Distribution of Deaths by Age and Sex, 2022



3.1.3. Seasonal Variations

Figure 3, shows monthly registered deaths in 2021 and 2022. In 2021, deaths were lower from January to May and September to December. From June to August, there was a significant spike, peaking in July. This corresponded with Botswana's winter, sunny days with cool to warm temperatures, and potential freezing nights. In contrast, in 2022 there was generally little variation in number of deaths reported per month with deaths ranging between 1,000 and 1,300.There was no major noticable peak compared to 2021.

FIGURE 3: Number of deaths registered by month in 2021 and 2022



3.1.4. Mortality by Place of Death

Table 2 outlines the distribution of deaths by place of occurence in 2021 and 2022. **Figure 4** further summarises the deaths in Instituitional and Non Institutional facilities that occurred in 2022. Institutional deaths include deaths from Hospitals and Clinics while Non-Institutional deaths include deaths from Home and Other places. In 2022, majority of deaths were reported to have occured in hospitals which accounted for 50.4 percent followed by other places (38.6%) then homes (5.7%) and clinics/health posts (5.3%). Institutional deaths (55.7%) remained predominant place of death indicating reliance on healthcare facilities compared to non-institutional deaths.

FIGURE 4: Deaths by place of death occurence, 2022

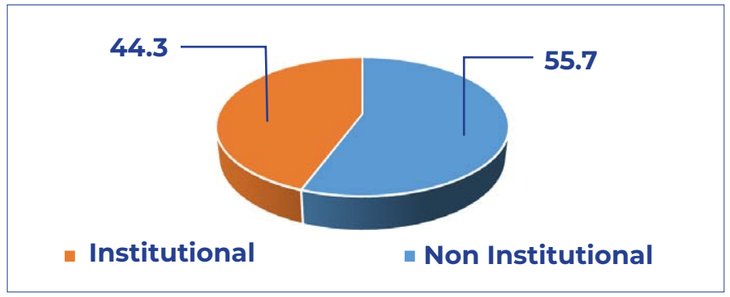


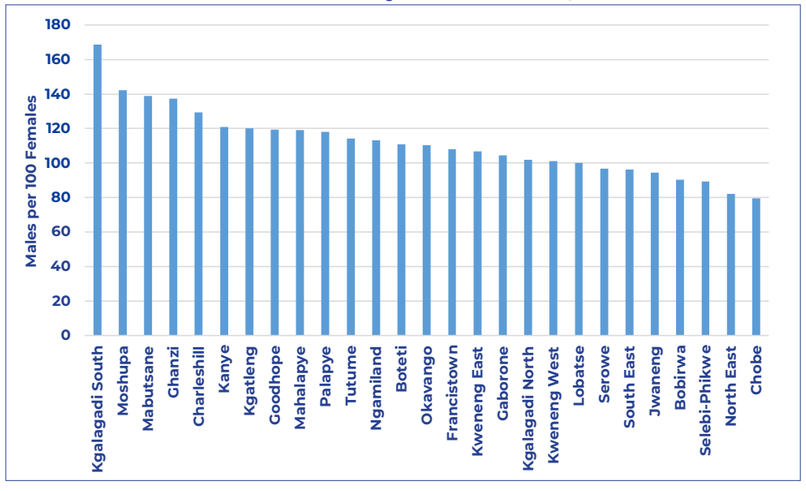
TABLE 2: Deaths by place of death occurrence in 2021 & 2022

PLACE OF DEATH	2021		2022	
	NUMBER	PERCENTAGE	NUMBER	PERCENT
Clinics	1,220	6.9	731	5.3
Home	822	4.7	778	5.7
Hospital	9,105	51.8	6,923	50.4
Other	6,205	35.3	5,308	38.6
Not stated	237	1.3	-	-
TOTAL	**17,589**	**100**	**13,740**	**100.0**

3.1.5. Sex Ratio by district

Figure 5 shows the sex ratio of deaths in Botswana by Health Districts in 2022. A ratio above 100 indicates more male deaths than females, a ratio of 100 indicates equal number of male and female deaths and a ratio of less than 100 indicates more female deaths than male deaths. The figure shows that there was a slightly higher male deaths than female deaths in Botswana in 2022 (109 male deaths per 100 female deaths). Among 26 Health Districts, 19 had more male deaths than female deaths, with Kgalagadi South leading with a ratio of 169 male deaths per 100 female deaths, followed by Moshupa (142:100) and Mabutsane (139:100). Seven Health Districts had more female deaths than male deaths, with Chobe DHMT having the highest ratio of 80 male deaths per 100 female deaths, followed by North-East (82:100) and Selebi-Pikwe (89:100). Lobatse reported an equal number of male and female deaths.

FIGURE 5: Sex ratios by Health district, 2022



3.2. Underlying Causes of Death

This section provides information on the underlying causes of death in Botswana for the year 2021 and 2022. In the International Classification of Diseases (ICD 10) underlyiing causes of death is covered in chapeter 19. The publication utilizes the 10th revision of the International Classification of Diseases (ICD-10), focusing primarily on the underlying causes of death. It covers the distribution of death by main groups, leading underlying causes of death, age-specific causes of death, and major groups of death as per the Global Burden of Diseases framework.

3.2.1 Distribution of Death by Main Groups (Chapters)

The International Classification of Diseases ICD-10 categorizes diseases into 22 main chapters, of which 19 are used for reporting underlying causes of death. **Table 3** illustrates the distribution of these causes in 2021 and 2022. In 2022, Certain Infectious and Parasitic Diseases (12.6%) remained the leading cause of death, followed by Diseases of the Circulatory System (12.5%) and Neoplasms (12.0%). No deaths were recorded from Diseases of the Ear and Mastoid Process (H60 –H95). Overall, the data highlights consistent ranking for both years.

TABLE 3 : Death by Main Category of Diagnosis in Botswana, 2021 and 2022

ICD 10 Code	Diseases/Conditions	2021			2022		
		Rank	Number	Percent	Rank	Number	Percent
A00 - B99	Certain infectious and parasitic Diseases	1	5,307	30.2	1	1,733	12.6
I00 - I99	Diseases of the circulatory system	2	1,479	8.4	2	1,722	12.5
C00 - D48	Neoplasms	3	1,297	7.4	3	1,644	12.0
V01 - Y98	External causes of morbidity and Mortality	4	1,206	6.9	4	1,375	10.0
E00 - E90	Endocrine, nutritional and metabolic diseases	5	808	4.6	6	547	4.0
J00 - J99	Diseases of the respiratory system	6	747	4.2	5	736	5.4
P00 - P96	Certain conditions originating in the perinatal period	7	498	2.8	7	529	3.9
N00 - N99	Diseases of the genitourinary System	8	439	2.5	9	412	3.0
K00 - K93	Diseases of the digestive system	9	401	2.3	8	421	3.1
D50 - D89	Diseases of the blood and blood- forming organs and certain disorders involving the immune mechanism	10	240	1.4	11	180	1.3
G00 - G99	Diseases of the nervous system	11	209	1.2	10	239	1.7
Q00 - Q99	Congenital malformations, deformations and chromosomal abnormalities	12	91	0.5	13	91	0.7
L00 - L99	Diseases of the skin and subcutaneous tissue	13	88	0.5	12	97	0.7
F00 - F99	Mental and behavioural disorders	14	52	0.3	16	26	0.2
M00 - M99	Diseases of the musculoskeletal System and connective tissue	15	49	0.3	15	39	0.3
O00 - 099	Pregnancy, childbirth and puerperium	16	42	0.2	14	84	0.6
H00 - H59	Diseases of the eye and adnexa	17	4	0	17	2	0.0
	Causes Specified above		**12, 964**	**73.7**		**9,877**	**71.9**
	Signs and Symptoms		**4, 625**	**26.3**		**3,863**	**28.1**
	All Disease and Conditions		**17, 589**	**100.0**		**13,740**	**100.0**

3.2.2 Top 20 Leading Causes of Death

Table 4, shows the top twenty (20) leading causes of death in 2021 and 2022. In 2021, these factors accounted for 77.8 percent of all 11,608 deaths reported with underlying causes of death. COVID-19 was the primary cause, contributing 34.3% of fatalities, followed by HIV/AIDS (6.5%), and Diabetes Mellitus (5.5%). However, in 2022 of the 9,877 deaths reported with underlying cause of death, the top twenty conditions contributed 53.7percent of all fatalities. HIV/AIDS was the leading cause, responsible for 8.1percent of deaths, followed by Cerebrovascular Disease(4.9%), and Road Traffic Accidents(3.8%). This demonstrates a significant shift in leading causes of death from 2021 to 2022, with COVID-19 declining while HIV/AIDS rose to the top position.

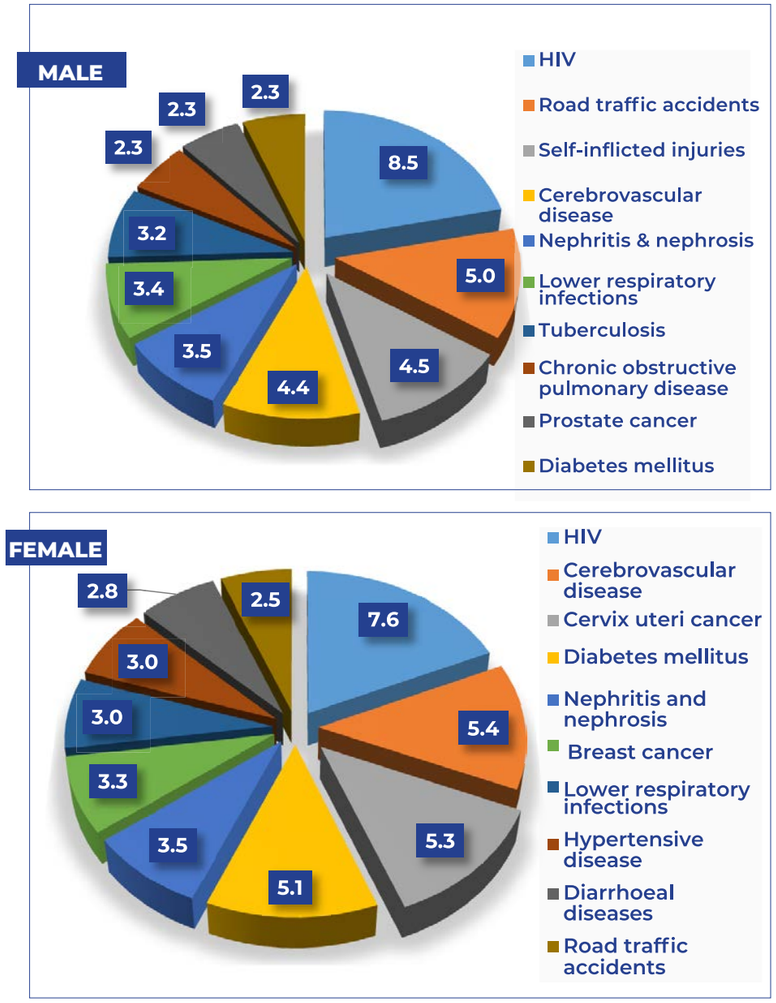
TABLE 4: Top ten Leading Causes of Death in Botswana, 2021 and 2022

Cause of Death	Rank	Number	Percent (%)	Cause of Death	Rank	Number	Percent (%)
COVID-19	1	3,984	34.3	HIV/AIDS	1	798	8.1
HIV/AIDS	2	749	6.5	Cerebrovascular Disease	2	480	4.9
Diabetes mellitus	3	492	4.2	Road Traffic Accidents	3	379	3.8
Cerebrovascular Disease	4	389	3.4	Diabetes Mellitus	4	357	3.6
Road Traffic Accidents	5	360	3.1	Nephritis and nephrosis	5	343	3.5
Nephritis and nephrosis	6	339	2.9	Lower respiratory infections	6	315	3.2
Endocrine disorders	7	331	2.9	Self-inflicted injuries	7	275	2.8
Lower respiratory infections	8	318	2.7	Tuberculosis	8	265	2.7
Self-inflicted injuries	9	307	2.6	Cervix uteri cancer	9	245	2.5
Birth Asphyxia and birth trauma	10	274	2.4	Hypertensive Heart Disease	10	237	2.4
Tuberculosis	11	249	2.1	Diarrhoeal Diseases	11	232	2.3
Iron-Deficiency Anaemia	**12**	**177**	**1.5**	Endocrine Disorders	12	195	2
Diarrhoeal Diseases	13	173	1.5	Birth Asphyxia and birth trauma	13	179	1.8
Cervix uteri cancer	14	167	1.4	Low Birth Weight	14	163	1.7
Hypertensive Heart Disease	15	143	1.2	Breast cancer	15	157	1.6
Trachea, bronchus, lung cancers	16	123	1.1	Violence	16	147	1.5
Oesophagus Cancer	17	118	1.0	Oesophagus Cancer	17	145	1.5
Violence	18	116	1.0	Chronic Obstructive Pulmonary Disease	18	131	1.3
Breast cancer	19	116	1.0	Trachea, bronchus, lung cancers	19	129	1.3
Prostate Cancer	**20**	**103**	**0.9**	**COVID-19**	**20**	**128**	**1.3**
Causes Specified Above		**9,028**	**77.8**	**Causes Specified Above**		**5,300**	**53.7**
Other Causes		**2580**	**22.2**	**Other Causes**		**4,577**	**46.3**
All Diseases and Conditions		**11,608**	**100.0**	**All Diseases and Conditions**		**9,877**	**100.0**

3.2.3 Leading Causes of Death by Sex,Botswana 2022

Figure 6, displays the distribution of the top ten leading underlying causes of death by sex. These causes accounted for 39.4 percent of all male deaths and 41.5 percent of all female deaths. Human Immunodeficiency Virus (HIV/AIDS) emerged as the leading cause for both sexes, with 8.5 percent among males and 7.6 percent among females. Road Traffic Accidents ranked second for males (5.0%), while Cerebrovascular Disease ranked second for females (5.4%). Self-inflicted injuries (4.5%) and Cervix Uteri Cancer (5.3%) were the third leading causes for males and females, respectively. Additional major causes are outlined in **Annex 3**.

FIGURE 6 :Percentage Distribution of the Top 10 leading Causes of Death by Sex, Botswana, 2022



3.2.4 Neonatal Mortality

A total of 560 neonatal deaths were reported in 2022. **Table 5**, illustrates the primary underlying causes of death among neonates in 2022. Leading factors included Birth Asphyxia and Birth Trauma (31.3%), Low birth weight (27.9%), and Sudden Infant Death Syndromme (8.9%). Together, these top three causes accounted for 73.2 percent of all recorded neonatal deaths for the year. The remaining 26.8 percent of neonatal deaths were attributed to other causes.

TABLE 5: Major Cause of Death among Neonatal Mortality,Botswana, 2022

Cause of Death	ICD 10 Codes	Rank	Total	Percent
Birth Asphyxia and birth trauma	P03,P10-P15,P20-P21,P22,P27-P28P24-P26,P29	1	**175**	31.3
Low Birth Weight	P05,P07	2	**156**	27.9
Sudden Infant Death Syndromme	R95	3	**50**	8.9
Congenital Heart Anomalies	Q20-Q28	4	**9**	1.6
Diarrhoeal Diseases	A00,A01,A03,A04,A06-A09	5	**7**	1.3
Lower respiratory infections	J09-J22,P23,U04	6	**7**	1.3
Abdominal Wall Effect	Q79.2-Q79.5	7	**3**	0.5
Renal Agenesis	Q60	8	**1**	0.2
Posionings	X40-X49	8	**1**	0.2
Anencephaly	Q00	8	**1**	0.2
Causes Specified Above			**410**	**73.2**
Other causes			**150**	**26.8**
All Causes			**560**	**100.0**

3.2.5 Infant and Under Five Mortality

Table 6, provides insight into the primary causes of death among infants and children under five in 2022. For infants, the leading causes were Birth Asphyxia and Birth Trauma (27.1%), followed by Low Birth Weight (25.0%) and Diarrhoeal Diseases (8.6%). Together, the top ten causes represented 77.5 percent of fatalities in this age group. Among children aged 1-4, Diarrhoeal Diseases (17.7%) were the most prevalent cause of death, followed by Lower Respiratory Infections (7.6%) and Protein-energy Malnutrition (6.5%). Notably, accidents/injuries emerged as four of the top ten leading causes of death among the 1-4 years age group.

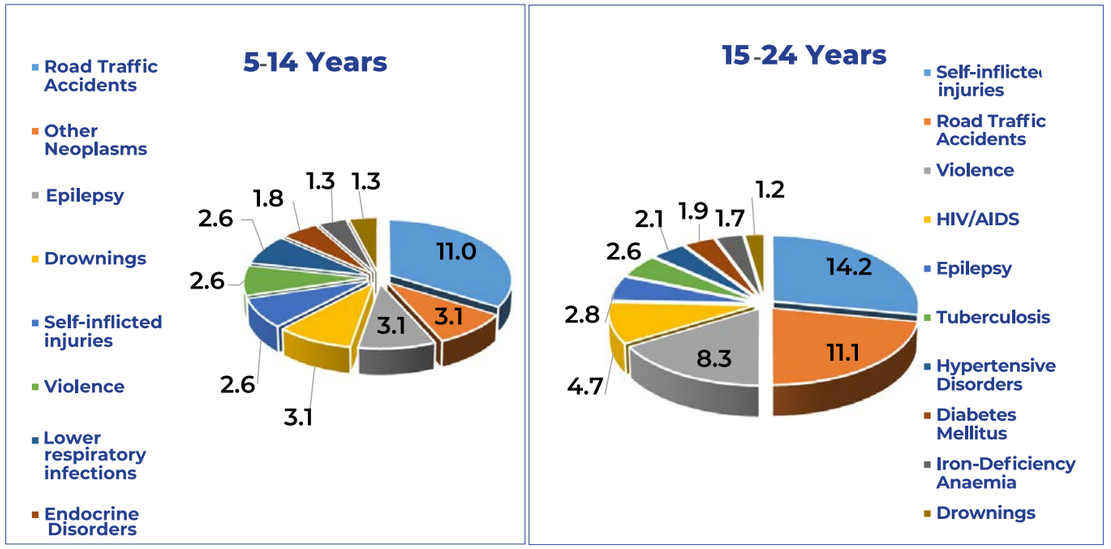
TABLE 6: Major Causes of Death among Infants and under five, Botswana, 2022

CAUSE OF DEATH	ICD10 CODES	<1			1-4		
		Rank	Total	Percent	Rank	Total	Percent
Birth Asphyxia and birth trauma	P03-P29	1	**177**	27.1	-	**-**	-
Low Birth Weight	P05-P28	2	**163**	25.0	-	**-**	-
Diarrhoeal Diseases	A00-A09	3	**56**	8.6	1	**63**	17.7
Sudden Infant Death Syndromme	R95	4	**51**	7.8	-	**-**	-
Lower respiratory infections		5	**29**		2	**27**	7.6
Congenital Heart Anomalies	J09-J22, P23, U04	6	**19**	4.4	7	**11**	3.1
Endocrine Disorders	Q20-Q28	7	**6**	2.9	4	**16**	4,5
Abdominal Wall Effect	E00-E88	8	**4**	0.9	-	**-**	-
Other Neoplasms		9	**3**	0.6	-	**-**	-
Posionings	T36-T50.9	10	**2**	0.3	8	**9**	2.5
Protein-energy malnutrition	E40 - E46	-	**-**	-	3	**23**	6.5
Road Traffic Accidents	V01-V04, V06, V09-V80, V87, V89, V99	-	**-**	-	5	**14**	3.9
Fires	X00-X09	-	**-**	-	6	**14**	3.9
Drownings	W65-W74	-	**-**	-	9	**7**	2
Violence	X85-Y09, Y87	-	**-**	-	10	**6**	1,7
Causes specified Above			**510**	**77.5**		**190**	**53.4**
Other causes			**142**	**22.5**		**166**	**46.6**
All causes and conditions			**652**	**100.0**		**356**	**100.0**

3.2.6 Other Broad Age Group Categories

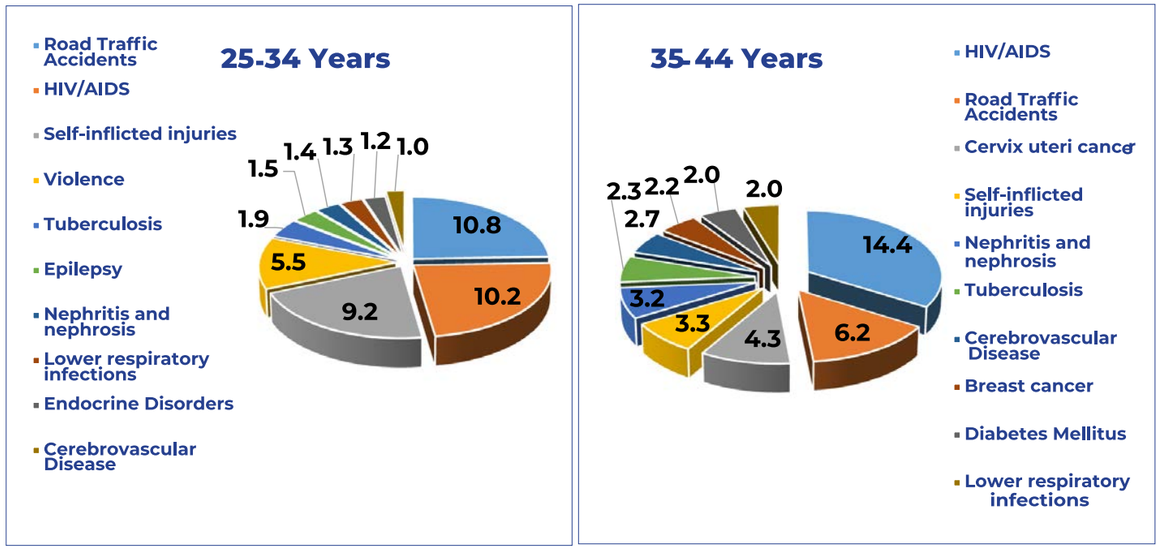
This section explains the leading underlying causes of death among the other broad age group categories. In the 5-14 years, road traffic accidents (11.0%) was ranked highest, followed by other neoplasms, drownings and epilepsy with 3.1percent each. Overall, the top ten causes of mortality in this age range contributed 32.5 percent of deaths. For individuals aged 15-24 years, self-inflicted injuries (14.2%) were the primary cause of death, followed by road traffic accidents (11.1%), and violence (8.3%). The top ten causes of death in this age group constituted 50.5 percent of mortality.

FIGURE 7: Percentage Distribution of the 10 leading causes of death, by age group, Botswana, 2022



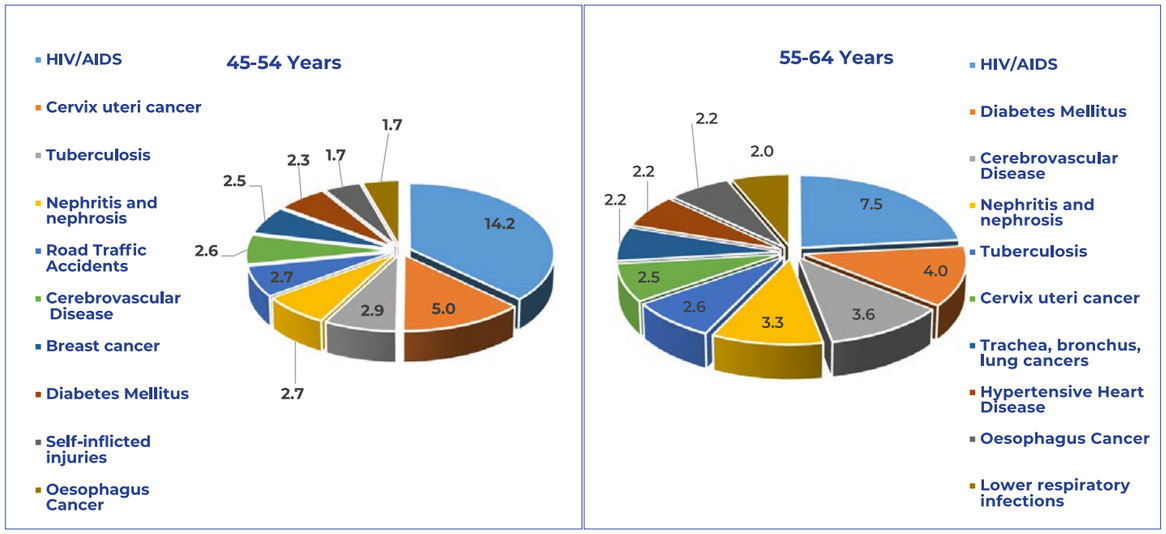
In the 25-34 years, leading causes of death were road traffic accidents (10.8%), HIV/AIDS (10.2%), and self-inflicted injuries (9.2%). The top ten leading causes of death in this age group accounted for 44% of fatalities. For those aged 35-44 years, HIV/AIDS tops the list (14.4%), followed by road accidents (6.2%), and cervix uteri cancer (4.3%). The top ten causes in this age range also constitute 42.5 percent of deaths.

FIGURE 8: Percentage Distribution of the 10 leading causes of death, by age group, Botswana, 2022



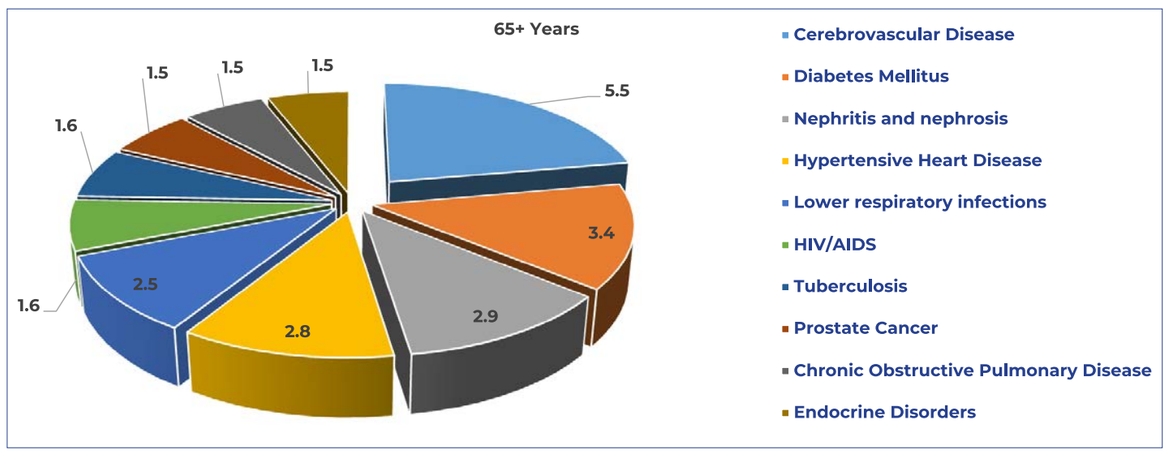
Among individuals aged 45-54 years, HIV/AIDS accounted for the highest percentage of deaths at 14.2 percent, followed by Cervix uteri (5.0%) and Tuberculosis (2.9%). This age group notably experienced a greater number of deaths due to HIV/AIDS compared to other age groups. The top ten leading causes of death in this age group accounted for 38.3 percent of fatalities. In the 55-64 age group, HIV/AIDS(7.5%) remained the primary cause of death, follwed by Diabetes Mellitus (4.0%) and Cerebrovascular Disease (3.6%). The top ten leading causes of death in this age group accounted for 32.1 percent of fatalities.

FIGURE 9: Percentage Distribution of the 10 leading causes of death, by age group, Botswana



In the 65+ years, cerebrovascular disease(5.5%) emerged as the primary cause of death followed by Diabetes mellitus(3.4%) while nephritis and nephrosis(2.9%) was ranked third. Notably, seven of the ten leading causes of death within this age group were classified as non-communicable diseases. The top ten leading causes of death in this age group accounted for 24.6 percent of fatalities.

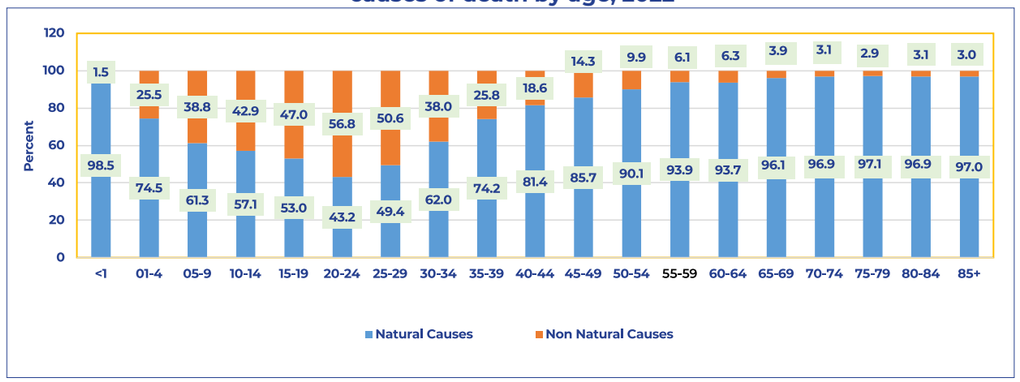
FIGURE 10: Percentage Distribution of the 10 leading causes of death, by 65+ Years, Botswana, 2022



3.2.7 Natural and non-natural causes of death by age

Figure 11, shows the percentage distribution of deaths by natural and non- natural causes by different age groups for 2022. Approximately 13.9 percent of deaths in 2022 were categorized as non-natural causes. The trend reveals a consistent rise in non-natural deaths from infancy to the 20-24 age group, thereafter declining as age increases. Notably, over half (50.6%) of deaths in the 20-24 age range were due to non-natural causes.

FIGURE 11: Proportional distribution of natural and non-natural causes of death by age, 2022



3.2.8 Mortality attributed by External causes of Injuries

Table 7, displays the mortality attributed to external causes of injuries by health district in 2022. The highest number of deaths was recorded in Gaborone (17.7%), followed by Kweneng East (10.6%) and Tutume (9.0%). Road traffic accidents accounted for the majority of deaths (27.6%), followed by self-inflicted injuries (20.0%) and violence (10.7%).

TABLE 7: Mortality attributed to External Causes of injuries by Health District - 2022

Health District	Road Traffic Accidents	Poisonings	Falls	Fires	Drownings	Self-Inflicted Injuries	Violence	Other Injuries	Grand Total	Percent
Gaborone	88	6	2	14	4	26	22	110	**272**	19.8
Kweneng East	39	2	1	1	2	32	20	38	**135**	9.8
Francistown	29	9	-	9	1	11	7	53	**119**	8.7
Tutume	37	-	-	5	2	28	10	23	**105**	7.6
Mahalapye	28	1	-	1	-	18	7	27	**82**	6.0
Kanye	12	1	-	1	6	20	11	20	**71**	5.2
Serowe	13	2	1	1	-	19	12	23	**71**	5.2
Ngamiland	17	1	-	1	2	12	7	29	**69**	5.0
Kgatleng	16	1	-	-	4	17	4	20	**62**	4.5
Boteti	15	1	-	2	1	10	5	19	**53**	3.9
Ghanzi	18	-	-	1	-	11	5	10	**45**	3.3
Okavango	1	1	-	2	2	13	8	15	**42**	3.1
Bobirwa	5	-	-	3	2	10	9	11	**40**	2.9
Palapye	4	1	-	1	1	6	2	13	**28**	2.0
North East	4	-	-	-	-	10	1	9	**24**	1.7
South East	10	1	-	-	2	4	2	5	**24**	1.7
Goodhope	7	1	-	1	2	4	2	5	**22**	1.6
Chobe	11	1	-	-	-	3	1	5	**21**	1.5
Moshupa	5	-	-	-	1	6	2	6	**20**	1.5
Kweneng West	2	-	-	-	-	5	6	2	**15**	1.1
Jwaneng	7	1	-	-	-	2	-	3	**13**	0.9
Kgalagadi South	2	-	-	3	1	1	-	4	**11**	0.8
Lobatse	4	-	-	-	-	-	1	5	**10**	0.7
Selebi-Phikwe	1	-	-	-	-	3	1	4	**9**	0.7
Kgalagadi North	3	-	-	-	-	1	-	2	**6**	0.4
Charleshill	-	-	-	-	-	2	1	0	**3**	0.2
Mabutsane	1	-	-	-	-	1	1	0	**3**	0.2
Grand Total	**379**	**30**	**4**	**46**	**33**	**275**	**147**	**461**	**1,375**	**100.0**
Percent	**27.6**	**2.2**	**0.3**	**3.3**	**2.4**	**20.0**	**10.7**	**34**	**100.0**	

3.2.9 Cause of Death by Global Burden of Diseases

This section outlines the main causes of death categorized into three groups based on the Global Burden of Diseases for 2021 and 2022: Group I includes Communicable diseases, Nutritional, Maternal, and Perinatal; Group II covers Non-communicable diseases; and Group III encompasses External causes of injuries.

Table 8 presents the distribution of deaths across these categories. In 2021, the majority of deaths were attributed to Communicable diseases, Nutritional, Maternal, and Perinatal (47.9%), followed by Non-communicable diseases (42.5%), and External causes of injuries (9.6%). However, in 2022, there was a notable shift as Non-communicable diseases became the leading cause of death, accounting for 57.5% of deaths, followed by Communicable diseases, Nutritional, Maternal, and Perinatal (28.6%), and External causes of injuries (13.9%).In 2021 COVID-19 contributed to the shift in mortality patterns.

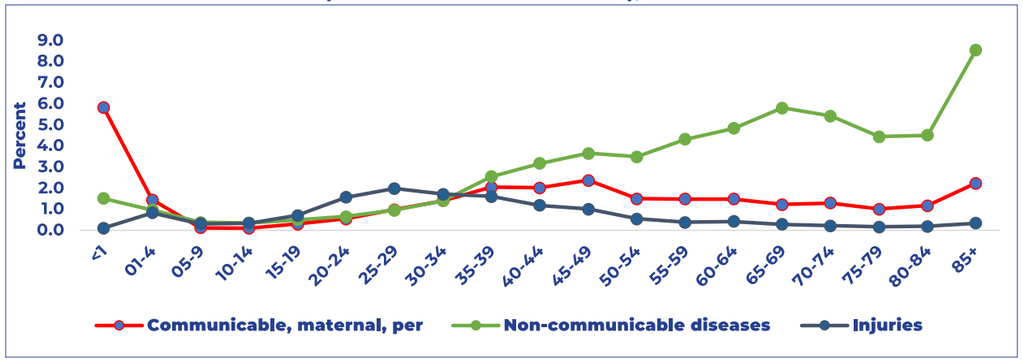
TABLE 8: Cause of death by Global Burden of Diseases in Botswana, 2021 and 2022.

Global_Burden_Diseases	2021		2022	
	Number	Percent	Number	Percent
Communicable, maternal, perinatal and nutritional conditions	5,940	47.9	2,822	28.6
Non-communicable diseases	5,274	42.5	5,680	57.5
Injuries	1,196	9.6	1,375	13.9
Grand Total	**12,410**	**100.0**	**9,877**	**100.0**

3.2.10 Causes of Deaths by Group Type and Age Groups according to Global Burden of Diseases

Figure 12, illustrates the distribution of causes of death in Botswana across age groups and categories. Deaths attributed to Group I causes, were notably high among children under 1. This proportion decreases until ages 5-9, then increases gradually up until ages 45-49, then declines with age. Deaths due to non-communicable diseases were minimal among younger age groups (0-24 years) but increased steadily with age, peaking in the 85+ age group. Deaths due to Group III causes were low between ages 5 and 14, increased between ages 20-29 with a peak at ages 25-29, then decreased with age.

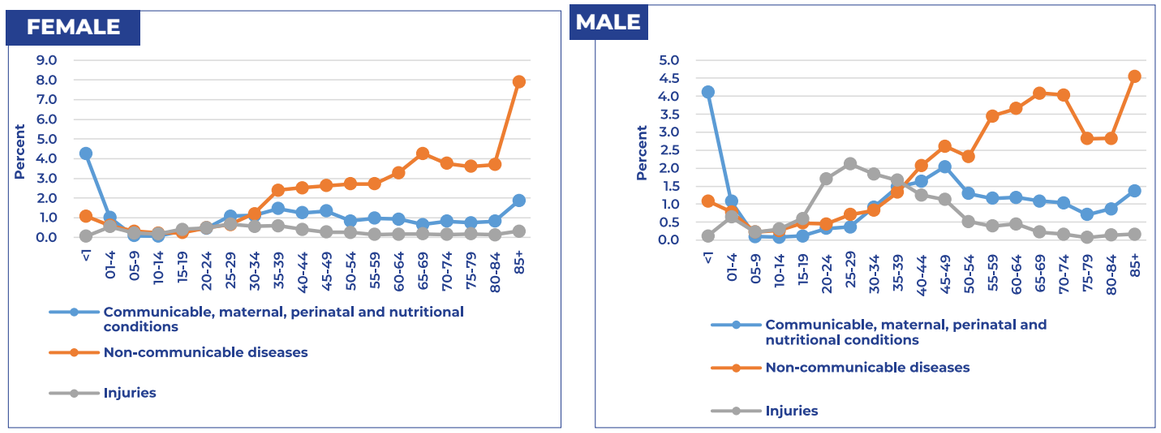
FIGURE 12: Number of Death by Group Type and Age groups (Global Burden of Diseases), 2022



3.2.11 Global Burden of Causes of Death by Age Group and Sex, Botswana, 2022

The distribution of causes of death by Global burden of diseases between males and females is shown **Figure 13.** For males, non-communicable diseases were the leading cause of death (38.6%), followed by communicable diseases (21.0%) and injuries (13.8%). Among females, non-communicable diseases were also the primary cause of death (44.3%), followed by communicable diseases (20.1%) and injuries (5.9%). There were no significant variations in the patterns of deaths due to communicable and non-communicable diseases between males and females across different age groups. However, a higher number of deaths due to injuries were observed among males aged 15-39 years, peaking between 25-29 years.

FIGURE 13: Percentage distribution of causes of death by age and sex, 2022.



4. SUMMARY OF SDG INDICATORS

Botswana aligns with the Sustainable Development Goal (SDG) of "ensuring healthy lives and promoting well-being for all ages." This section aims to evaluate Botswana's progress toward achieving SDG 3 indicators related to causes of death. The SDGs mandate countries to decrease the global Maternal Mortality Ratio (MMR) to below 70 deaths per, 100,000 live births, halve the number of global deaths and injuries from road traffic accidents by 2020, and by 2030, reduce premature mortality from non-communicable diseases by one third through prevention and treatment while also promoting mental health and well-being.

4.1 Reduce the global maternal mortality ratio

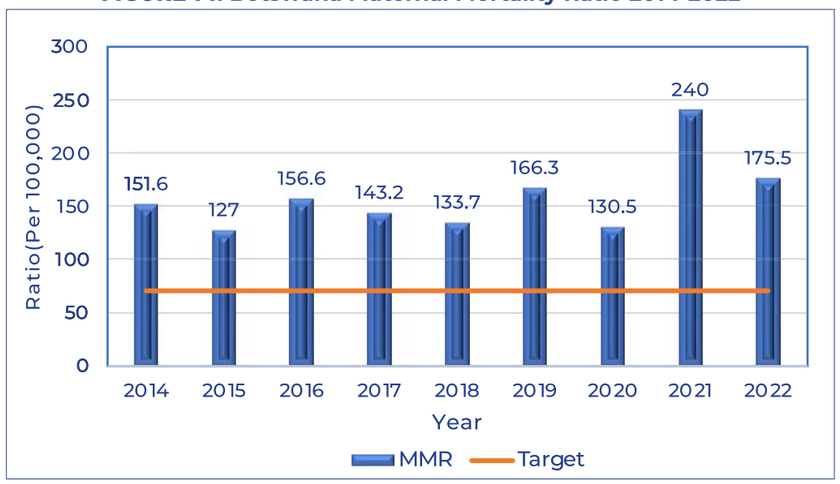
Table 9 displays the Maternal Mortality Ratio (MMR) for Botswana from 2014 to 2022. There was a significant increase in MMR from 130.5 to 243.4 per 100,000 live births between 2020 and 2021, followed by a 28 percent decrease in 2022 to 175.5 per 100,000 live births. Generally, there have been fluctuations over the years, with the lowest MMR recorded in 2015 (127.0) and the highest in 2021 (240.0).

TABLE 9: Botswana Maternal Mortality Ratio 2014–2022

Variable	2014	2015	2016	2017	2018	2019	2020	2021	2022
Institutional live births	47,273	57,290	54,159	52,242	52,999	52,206	58,146	53,227	50,605
Non-Institutional live-births	205	190	108	116	117	98	98	99	99
Total live-births	**47,478**	**57,480**	**54,267**	**52,358**	**53,115**	**52,304**	**58,244**	**53,326**	**50,704**
Maternal Deaths	72	73	85	75	71	87	76	128	89
Maternal Morality Ratio (per 100,000 live-births)	151.6	127.0	156.6	143.2	133.7	166.3	130.5	240.0	175.5

Figure 14 illustrates the trends in Maternal Mortality Ratio (MMR) from 2014 to 2022 concerning the set target of 70 deaths per 100,000 live births. The data reveals that Botswana has not achieved the target since 2014. However, in 2021, the country faced a significant setback in its efforts to reach SDG 3.1c, with most maternal deaths attributed primarily to COVID-19. Nonetheless, in 2022, there was a notable 28 percent decrease in maternal deaths.

FIGURE 14: Botswana Maternal Mortality Ratio 2014-2022

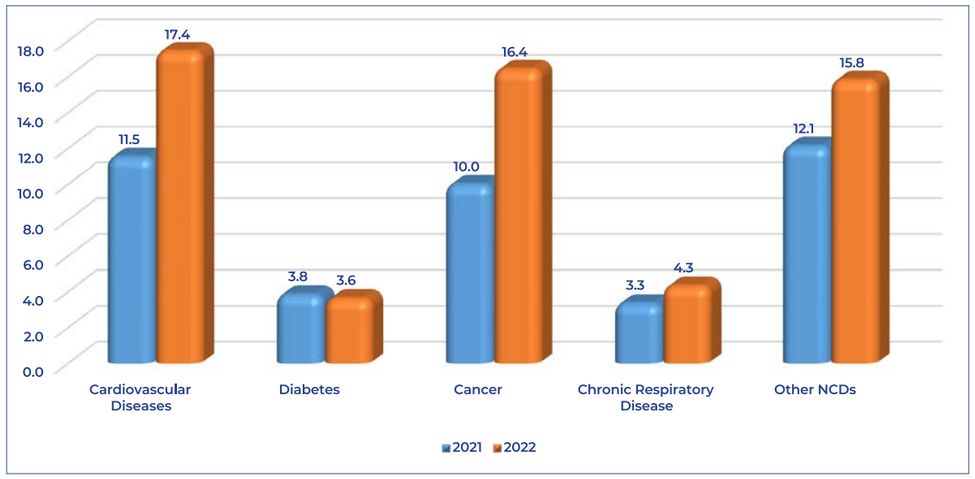


4.2. Mortality rate attributed to cardiovascular disease, cancer, diabetes, or chronic respiratory disease

SDG Target 3.4 endeavors to reduce premature mortality from non-communicable diseases by one-third, emphasizing prevention, treatment, and mental health promotion. A pivotal measure in this context is the Mortality rate linked to cardiovascular disease, cancer, diabetes, or chronic respiratory disease.

Figure 15 examines the proportional distribution of mortality in 2021 and 2022 according to the four non-communicable diseases. There was an increase observed in the proportion of cancer cases from 10 percent in 2021 to (16.4%) in 2022, chronic respiratory diseases also increased from 3.3 percent in 2021 to (4.3%) in 2022, and cardiovascular diseases increased from 11.5 percent to (17.4%) in 2022. Conversely, diabetes experienced a slight decline in 2022 (3.6%) compared to 2021 (3.8%).

Figure 14: Percentage of mortality attributable to Cardiovascular disease, diabetes, cancer and chronic respiratory diseases, 2021 and 2022.



4.3 Number of deaths from road traffic accidents

Table 10, shows the Death Rate from Road Traffic Accidents (RTA) in 2022, defined as the number of fatal injury deaths due to Road Traffic. Accidents per 100,000 population. In 2022, there were 16 Road Traffic accident deaths per 100,000 population, with a higher incidence among males (23 per 100,000) than females (10 per 100,000). The most affected age groups were 25-34 years(29 per 100), 35-44 years(27 per 100), and 45-54 years(19 per 100). RTA contributed to 3.8% of all deaths in 2022.

TABLE 10: Death Rate due to Road Traffic Accidents (RTA), 2022

Age group	2022 Population			Reported RTA deaths			Death Rate due to RTA (per 100,000 Population)		
	Males	Females	Total	Male	Female	Total	Male	Female	Total
01-4	129,697	128,477	**258,174**	6	8	**14**	5	6	**5**
05-14	241,879	239,364	**481,243**	10	15	**25**	4	6	**5**
15-24	195,035	197,893	**392,928**	32	15	**47**	16	8	**12**
25-34	191,559	201,967	**393,526**	80	36	**116**	42	18	**29**
35-44	174,235	178,919	**353,154**	75	19	**94**	43	11	**27**
45-54	106,339	108,867	**215,206**	33	8	**41**	31	7	**19**
55-64	58,192	73,867	**132,059**	13	8	**21**	22	11	**16**
65+	52,135	78,488	**130,623**	11	7	**18**	21	9	**14**
Not/Stated	1,544	1,152	**2,696**	2	1	**3**	-	-	**-**
Total	**1,150,615**	**1,208,994**	2,359,609	**262**	**117**	**379**	**23**	**10**	**16**

4.4 Reduce Homicide

Table 11, presents the Suicide Mortality Rate in Botswana for 2022, calculated by dividing the number of suicide deaths by the total population and multiplying by 100,000. In 2022, there were 12 suicide deaths per 100,000 population, with a higher incidence among males (21 per 100,000) than females (3 per 100,000). The most affected age groups were 25-34 years, 35-44 years, and 15-24 years. Suicidal mortality is low in younger ages (0-14 years), peaks in middle-aged individuals (15-44 years), and decreases in older ages (45+). Suicidal deaths contributed to 2.8% of all deaths in 2022.

TABLE 11: Suicide Mortality Rate, 2022

Age group	2022 Population			Reported Suicide deaths			Suicide Mortality Rate (per 100,000 population)		
	Males	Females	Total	Male	Female	Total	Male	Female	Total
0-4	129,697	128,477	**258,174**	1	0	**1**	1	0	**0**
05-14	241,879	239,364	**481,243**	4	2	**6**	2	1	**1**
15-24	195,035	197,893	**392,928**	46	14	**60**	24	7	**15**
25-34	191,559	201,967	**393,526**	94	5	**99**	49	3	**25**
35-44	174,235	178,919	**353,154**	44	6	**50**	25	3	**14**
45-54	106,339	108,867	**215,206**	23	3	**26**	22	3	**12**
55-64	58,192	73,867	**132,059**	18	4	**22**	31	5	**17**
65+	52,135	78,488	**130,623**	9	2	**11**	17	3	**8**
Not/Stated	1,544	1,152	**2,696**	-	-	**-**	-	-	**-**
Total	**1,150,615**	**1,208,994**	2,359,609	**239**	**36**	**275**	**21**	**3**	**12**

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APPENDICES

ANNEX 1: Mortality (Excluding Neonates)According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Health District and Sex,2022

Cause	ICD10Codes	Sex	Bobirwa	Boteti	Charleshill	Chobe	Francistown	Gaborone	Ghanzi	Goodhope	Jwaneng	Kanye	Kgalagadi North	Kgalagadi South	Kgatleng	Kweneng East	Kweneng West	Lobatse	Mabutsane	Mahalapye	Moshupa	Ngamiland	North East	Okavango	Palapye	Selebi-Phikwe	Serowe	South East	Tutume	Grand Total
I. Communicable, maternal, perinatal and nutritional conditions	A00-B99, D50-D53, D64.9, E00-E02, E40-E46, E50-E64, G00-G04, G14, H65-H66, J00-J22, N70-N73, O00-O99, P00-P96, U04, U071, U072, U099, U109	**F**	23	27	4	8	114	175	19	16	10	25	11	12	52	85	9	21	1	53	3	53	14	28	32	18	62	36	35	**946**
		M	64	49	3	7	136	213	27	20	18	49	4	9	65	73	8	27	2	63	5	72	16	39	43	14	85	33	44	**1151**
A.Infectious and Parasitic Diseases	A00-B99, G00-G04, G14, N70-N73, P37.3, P37.4	**F**	21	18	3	6	81	129	13	12	10	18	9	6	42	72	8	18	1	45	3	39	12	24	29	15	43	24	31	**732**
		M	59	34	3	4	105	170	21	11	13	40	3	7	54	60	8	24	2	53	5	58	11	29	33	11	60	28	36	**905**
1.Tuberculosis	A15-A19, B90	**F**	2	2	1	2	13	14	2	0	0	2	1	1	7	9	0	3	0	9	2	7	2	4	3	2	4	2	3	**97**
		M	9	8	1	1	17	25	4	2	1	7	1	1	17	11	4	5	0	11	0	10	1	6	8	1	12	5	7	**168**
2.STDs Excluding HIV	A50-A64, N70-N73	**F**	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**
		M	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	**1**
3.HIV/AIDS	B20-B24	**F**	8	7	1	1	33	70	6	6	9	10	3	3	18	33	2	11	1	19	1	17	7	8	17	9	21	16	16	**353**
		M	9	19	1	1	47	86	6	6	10	22	1	4	23	21	1	15	2	24	0	32	6	13	14	9	37	14	19	**445**
4.Diarrhoeal Diseases	A00, A01, A03, A04, A06-A09	**F**	7	2	1	0	14	9	2	4	1	4	4	1	7	13	1	3	0	9	0	9	3	7	3	1	9	2	9	**125**
		M	9	4	1	0	12	17	8	1	0	2	0	1	4	4	1	2	0	8	1	7	3	6	5	0	3	2	5	**100**
5.Meningitis	A39, G00, G03	**F**	0	0	0	0	4	4	0	1	0	0	0	0	0	2	0	0	0	1	0	0	0	0	1	0	0	0	0	**13**
		M	9	0	0	0	0	4	0	0	0	0	0	0	1	4	0	0	0	2	0	0	0	1	1	0	2	1	1	**17**
7.Hepatitis B	B16-B19 (minus B17.1, B17.2, B18.2, B18.8)	**F**	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	**4**
		M	9	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
9.Malaria	B50-B54, P37.3, P37.4	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
		M	0	0	0	1	2	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	**7**
10.Other infectious diseases	A02, A05, A20-A28, A31, A32, A38, A40-A49, A65-A70, A74-A79, A81, A82, A83.1-A83.9, A84-A89, A92-A99,B00-B04, B06-B15, B17.2, B18.8, B25-B49, B58-B60, B64, B66-B72, B74.3-B74.9, B75, B82-B89, B92-B99, G04	**F**	4	7	0	3	17	28	3	0	0	2	1	1	9	14	5	1	0	7	0	6	0	5	5	2	9	4	3	**136**
		M	5	3	0	1	26	36	3	2	2	9	1	1	9	17	2	2	0	8	4	9	1	2	5	1	6	6	4	**165**
B.Respiratory Infections	H65-H66, J00-J22, P23, U04, U07.1, U07.2, U09.9, U10.9	**F**	2	9	1	2	28	42	6	4	0	6	2	5	10	11	1	3	0	8	0	11	2	3	3	3	19	12	4	**197**
		M	5	15	0	2	31	42	6	9	5	9	1	2	11	13	0	3	0	10	0	14	5	10	10	3	25	5	8	**244**
1.Lower respiratory infections	J09-J22, P23, U04	**F**	2	6	1	2	23	25	6	3	0	3	1	1	6	6	1	2	0	6	0	9	1	2	3	1	12	11	2	**135**
		M	3	11	0	0	18	29	6	6	3	9	1	2	9	11	0	1	0	6	0	11	3	8	10	1	17	3	5	**173**
2.COVID-19	U07.1, U07.2, U09.9, U10.9	**F**	0	2	0	0	5	17	0	1	0	3	1	4	3	4	0	1	0	2	0	2	1	1	0	2	7	1	2	**59**
		M	1	4	0	2	12	13	0	3	2	0	0	0	2	2	0	2	0	4	0	3	2	2	0	2	8	2	3	**69**
3.Upper respiratory infections	J00-J06	**F**	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**
		M	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**

ANNEX 1: Mortality (Excluding Neonates)According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Health District and Sex,2022

Cause	ICD10Codes	Sex	Bobirwa	Boteti	Charleshill	Chobe	Francistown	Gaborone	Ghanzi	Goodhope	Jwaneng	Kanye	Kgalagadi North	Kgalagadi South	Kgatleng	Kweneng East	Kweneng West	Lobatse	Mabutsane	Mahalapye	Moshupa	Ngamiland	North East	Okavango	Palapye	Selebi-Phikwe	Serowe	South East	Tutume	Grand Total
C.Maternal Conditions	O00-O99	**F**	0	2	0	0	23	25	2	1	2	4	0	2	2	2	0	0	0	4	1	7	0	2	0	0	2	0	3	**84**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
1.Maternal haemorrhage	O44-O46, O67, O72	**F**	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	**3**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
2.Maternal Sepsis	O85-O86	**F**	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	**3**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
3.Hypertensive Disorders	O10-O16	**F**	0	2	0	0	9	7	1	0	0	1	0	0	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	**24**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
4.Abortion	O00-O07	**F**	0	0	0	0	5	4	0	0	0	1	0	1	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	**16**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
5.Other Maternal Conditions	O20-O43, O47-O63, O68-O71,O73-O75, O87-O99	**F**	0	0	0	0	8	13	1	1	2	2	0	1	0	0	0	0	0	2	1	4	0	1	0	0	1	0	1	**38**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
D.Perinatal Conditions	P00-P96 (minus P23, P37.3, P37.4)	**F**	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	**7**
		M	0	0	0	1	2	4	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**9**
1.Low Birth Weight	P05, P07	**F**	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**
		M	0	0	0	0	0	3	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**5**
2.Birth Asphyxia and birth trauma	P03, P10-P15, P20-P22, P24-P29	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	**1**
		M	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
3.Other perinatal conditions	P00-P02, P04, P08, P35-P96	**F**	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	**3**
		M	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
5.Nutritional Deficiencies	D50-D53, D64.9, E00-E02, E40-E46, E50-E64	**F**	6	3	0	0	10	7	4	0	0	4	1	0	2	5	0	3	0	5	1	4	0	4	6	1	5	3	3	**77**
		M	1	2	0	0	13	7	5	1	2	7	1	3	5	4	0	3	0	6	2	5	1	5	2	3	12	2	6	**98**
1.Protein-energy malnutrition	E40-E46	**F**	2	2	0	0	3	0	2	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	2	**14**
		M	0	0	0	0	3	3	3	1	1	2	1	0	0	1	0	0	0	3	0	1	0	3	0	1	7	0	1	**31**
2.Iron-Deficiency Anaemia	D50, D64.9	**F**	4	1	0	0	7	6	2	0	0	4	1	0	1	5	0	3	0	4	1	4	0	4	5	1	4	3	1	**61**
		M	1	2	0	0	10	3	2	0	1	5	0	3	5	3	0	3	0	3	2	4	1	2	2	2	5	2	5	**66**
3.Other Nutritional Disorders	D51-D53, E51-E64	**F**	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	**2**
		M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**

ANNEX 1: Mortality (Excluding Neonates)According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Health District and Sex,2022

Cause	ICD10Codes	Sex	Bobirwa	Boteti	Charleshill	Chobe	Francistown	Gaborone	Ghanzi	Goodhope	Jwaneng	Kanye	Kgalagadi North	Kgalagadi South	Kgatleng	Kweneng East	Kweneng West	Lobatse	Mabutsane	Mahalapye	Moshupa	Ngamiland	North East	Okavango	Palapye	Selebi-Phikwe	Serowe	South East	Tutume	Grand Total
II. Non-communicable diseases	C00-C97, D00-D48, D55-D64 (mInus D64.9) D65-D89, E03-E07, E10-E34, E65-E88, F01-F99, G06-G98 (minus G14), H00-H61, H68-H93, I00-I99, J30-J98, K00-K92, L00-L98, M00-M99, N00-N64, N75-N98, Q00-Q99, R95, U07.0	**F**	52	58	5	15	407	710	45	35	29	121	21	18	127	244	24	42	8	137	21	138	43	61	67	54	167	87	137	**2,873**
		M	50	71	4	12	401	597	57	44	18	118	25	35	129	245	23	31	10	155		121	37	64	70	46	124	82	123	**2,716**
A.Neuro Pyschiatric Conditions	F01-F99, G06-G98 (minus G14)	**F**	1	1	0	1	14	21	0	0	0	2	0	1	4	9	0	0	0	5	0	5	3	3	2	3	8	1	7	**91**
		M	5	1	0	1	15	28	2	2	1	4	2	2	3	13	2	0	2	14	2	5	4	2	8	3	4	4	9	**138**
1.Schizophrenia	F20-F29	**F**	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	**2**
2.Epilepsy	G40-G41	**F**	1	0	0	0	6	4	0	0	0	1	0	0	4	2	0	0	0	2	0	2	1	1	0	2	3	0	4	**33**
		M	1	0	0	0	9	15	0	1	0	3	2	1	2	2	1	0	2	6	1	1	1	1	6	1	1	3	4	**64**
3.Alcohol use disorders	F10	**F**	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
		M	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	**3**
4.Alzheimer and other dementias	F01, F03, G30-G31	**F**	0	0	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	2	1	0	1	0	1	**13**
		M	0	0	0	0	0	1	0	0	0	0	0	0	1	2	1	0	0	2	0	0	0	0	0	0	0	0	1	**8**
5.Parkinson Disease	G20-G21	**F**	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	**3**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	**3**
6.Multiple Sclerosis	G35	**F**	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	**2**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
7.Drug use disorders	F11-F16, F18-F19	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
8.Migraine	G43	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	**1**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
9.Other neuropyschiatric disorders	F04-F09, F17, F34-F39, F401-F409, F411-F419, F43 (minus F43.1), F44-F50, F52-F69, F80-F99, G06-G12, G23-G25, G36, G37, G44-G98, U07.0	**F**	0	1	0	1	5	12	0	0	0	1	0	1	0	4	0	0	0	2	0	2	0	0	1	0	4	0	2	**36**
		M	4	0	0	0	5	12	2	1	1	1	0	0	0	7	0	0	0	5	1	4	2	1	1	2	3	0	4	**56**
B.Sense Organ Diseases	H00-H61, H68-H93	**F**	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	**2**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
1.Glaucoma	H40	**F**	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	**2**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**

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Cause	ICD10Codes	Sex	Bobirwa	Boteti	Charleshill	Chobe	Francistown	Gaborone	Ghanzi	Goodhope	Jwaneng	Kanye	Kgalagadi North	Kgalagadi South	Kgatleng	Kweneng East	Kweneng West	Lobatse	Mabutsane	Mahalapye	Moshupa	Ngamiland	North East	Okavango	Palapye	Selebi-Phikwe	Serowe	South East	Tutume	Grand Total
C.Cardio Vascular Diseases	I00-I99	**F**	16	16	3	5	100	167	19	16	7	50	13	7	51	92	9	9	3	51	11	43	25	30	23	14	64	26	51	**921**
		M	10	23	2	2	103	148	7	17	6	34	9	15	54	76	15	11	4	38	12	33	14	34	26	12	33	23	40	**801**
1.Rheumatic Heart Disease	I01-I09	**F**	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	**3**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
2.Hypertensive Heart Disease	I11-I15	**F**	2	1	0	1	17	29	0	2	0	6	2	0	10	13	1	2	0	8	0	7	5	3	5	3	8	3	9	**137**
		M	2	1	0	0	17	21	1	2	0	4	1	2	9	5	0	4	0	2	1	3	0	3	5	1	5	4	7	**100**
3.Ischmaemic Heart Disease	I20-I25	**F**	0	0	0	1	6	3	0	1	0	0	0	0	1	2	0	0	0	3	0	1	1	1	0	0	1	6	2	**29**
		M	1	0	0	0	5	16	0	0	0	1	0	0	3	3	0	0	0	3	1	2	2	0	1	0	3	3	2	**46**
4.Cerebrovascular Disease	I60-I69	**F**	3	5	1	0	40	50	4	4	4	17	3	2	8	19	2	2	0	12	2	13	2	4	8	1	26	4	13	**249**
		M	2	7	0	1	35	55	3	11	2	7	2	4	11	12	2	4	0	17	0	8	3	5	9	4	9	9	9	**231**
5.Inflamatory Heart Disease	I30-I33, I38, I40, I42	**F**	2	0	0	0	3	6	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	3	0	1	**19**
		M	0	0	0	0	4	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	**19**
6.Other Cardiovascular Diseases	I00, I10, I26-I28, I34-I37, I44-I51, I70-I99	**F**	9	10	2	3	34	78	15	9	3	27	8	5	31	58	6	5	3	25	9	22	17	21	10	10	25	13	26	**484**
		M	5	15	2	1	42	43	3	4	4	22	6	9	31	56	13	3	4	16	10	20	9	26	11	7	16	6	21	**405**
D.Respiratory Diseases	J30-J98	**F**	1	4	1	0	13	30	4	2	1	8	1	1	2	20	1	0	1	6	0	3	2	7	0	1	5	5	4	**123**
		M	5	11	1	1	21	38	18	6	3	23	6	2	17	39	1	3	0	20	4	14	2	7	6	1	17	16	18	**300**
1.Chronic Obstructive Pulmonary Disease	J40-J44	**F**	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	1	0	**8**
		M	2	8	0	0	8	6	6	2	1	12	3	1	7	17	1	1	0	10	3	5	1	2	2	1	8	8	8	**123**
2.Asthma	J45-J46	**F**	0	2	0	0	2	3	1	0	0	2	0	0	0	5	1	0	0	3	0	1	1	3	0	0	2	0	2	**28**
		M	1	3	1	1	1	2	2	1	1	1	1	0	5	7	0	0	0	6	0	4	1	1	1	0	3	0	4	**47**
3.Other respiratory diseases	J30-J39, J47-J98	**F**	1	2	1	0	10	26	3	2	1	6	1	1	2	15	0	0	1	3	0	0	1	2	0	1	2	4	2	**87**
		M	2	0	0	0	12	30	10	3	1	10	2	1	5	15	0	2	0	4	1	5	0	4	3	0	6	8	6	**130**
E.Digestive Diseases	K20-K92	**F**	3	2	0	2	41	42	6	2	2	8	0	1	3	5	2	5	0	11	1	14	1	3	4	2	10	5	5	**180**
		M	5	7	0	0	47	56	4	6	0	11	1	6	6	21	0	1	0	10	1	11	1	8	1	2	14	9	8	**236**
1.Peptic Ulcer Disease	K25-K27	**F**	0	0	0	1	4	0	0	0	0	0	0	1	0	1	1	0	0	1	0	1	0	0	0	0	1	0	0	**11**
		M	1	0	0	0	2	2	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	**10**
2.Cirrhosis of the liver	K70, K74	**F**	1	0	0	0	4	2	3	1	0	1	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	1	**16**
		M	2	1	0	0	3	5	1	1	0	1	0	2	1	4	0	1	0	1	0	4	0	3	0	1	3	0	2	**36**
3.Appendicitis	K35-K37	**F**	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**
		M	0	0	0	0	5	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**8**
4.Other digestive diseases	K20-K22, K28-K31, K38, K40-K66, K71-K73, K75-K92	**F**	2	2	0	1	33	37	3	1	2	7	0	0	3	4	1	5	0	9	1	11	1	3	4	2	9	5	4	**150**
		M	2	6	0	0	37	47	3	4	0	9	1	3	4	16	0	0	0	9	1	7	1	5	1	1	10	9	6	**182**

ANNEX 1: Mortality (Excluding Neonates)According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Health District and Sex,2022

Cause	ICD10Codes	Sex	Bobirwa	Boteti	Charleshill	Chobe	Francistown	Gaborone	Ghanzi	Goodhope	Jwaneng	Kanye	Kgalagadi North	Kgalagadi South	Kgatleng	Kweneng East	Kweneng West	Lobatse	Mabutsane	Mahalapye	Moshupa	Ngamiland	North East	Okavango	Palapye	Selebi-Phikwe	Serowe	South East	Tutume	Grand Total
F.Genito Urinary Diseases	N00-N64, N75-N98	F	3	6	1	1	46	36	0	4	2	8	3	2	5	13	0	1	0	7	1	11	0	3	7	5	6	2	4	**177**
		M	4	5	1	0	58	57	5	2	2	11	1	1	5	16	1	2	0	11	0	12	5	6	1	7	9	2	8	**232**
1.Nephritis and nephrosis	N00-N19	F	3	3	1	1	43	34	0	4	2	7	3	1	5	11	0	1	0	5	1	10	0	3	7	3	6	2	4	**160**
		M	3	2	1	0	54	49	5	1	2	8	1	1	4	13	1	2	0	6	0	7	2	2	1	6	7	2	3	**183**
2.Benign prostatic hypertrophy	N40	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	1	2	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	1	2	3	0	1	1	0	0	**15**
3.Other Genitourinary system diseases	N20-N39, N41-N64, N75-N98	F	0	3	0	0	3	2	0	0	0	1	0	1	0	2	0	0	0	2	0	1	0	0	0	2	0	0	0	**17**
		M	0	1	0	0	4	7	0	1	0	3	0	0	0	2	0	0	0	4	0	4	1	1	0	0	1	0	5	**34**
G.Skin Diseases	L00-L98	F	1	2	0	0	7	7	3	0	0	7	0	0	6	2	0	4	0	2	1	2	1	2	0	1	3	4	9	**64**
		M	1	0	0	0	4	7	1	0	0	5	1	1	2	1	0	0	0	3	0	1	0	0	1	0	3	1	1	**33**
H.Musculo Skeletal Diseases	M00-M99	F	0	0	0	0	1	11	0	0	0	1	1	0	0	2	0	1	0	2	1	2	0	0	2	0	1	0	3	**28**
		M	0	0	0	0	1	3	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	1	0	1	0	1	**11**
1.Rheumatoid Aithritis	M05-M06	F	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	1	0	0	0	0	**5**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
2.Osteoarthritis	M15-M19	F	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	**2**
		M	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
3.Gout	M10	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	**3**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
4.Back pain	M45-M48, M54 (minus M54.2)	F	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
5.Other musculoskeletal disorders	M00-M02, M08, M11-M13, M20-M43, M50-M53, M54.2, M55-M99	F	0	0	0	0	0	11	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	1	**17**
		M	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	0	1	**9**
I.Congenital Anomalies	Q00-Q99	F	0	1	0	0	3	11	0	0	0	0	0	0	1	1	0	0	0	2	0	3	0	2	0	1	0	0	0	**25**
		M	0	0	0	1	3	12	1	0	1	0	0	0	0	0	0	0	0	3	0	2	0	1	1	0	0	2	1	**28**
1.Down Syndromme	Q90	F	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	**2**
		M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	**4**
2.Congenital Heart Anomalies	Q20-Q28	F	0	0	0	0	2	6	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0	2	0	0	0	0	0	**14**
		M	0	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	**10**
3.Spina Bifida	Q05	F	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
		M	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
4.Other congenital anomalies	Q01-Q04, Q06-Q18, Q30-Q34, Q38, Q392-Q399, Q40-Q41, Q43-Q56, Q61-Q78, Q790, Q791, Q796, Q798, Q799, Q80-Q89, Q91-Q99	F	0	0	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	**7**
		M	0	0	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	**9**
5.Abdominal Wall Effect	Q79.2-Q79.5	F	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	**1**
6.Anorectal Atresia	Q42	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
7.Oesophageal Atresia	Q39.0-Q39.1	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**

ANNEX 1: Mortality (Excluding Neonates)According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Health District and Sex,2022

Cause	ICD10Codes	Sex	Bobirwa	Boteti	Charleshill	Chobe	Francistown	Gaborone	Ghanzi	Goodhope	Jwaneng	Kanye	Kgalagadi North	Kgalagadi South	Kgatleng	Kweneng East	Kweneng West	Lobatse	Mabutsane	Mahalapye	Moshupa	Ngamiland	North East	Okavango	Palapye	Selebi-Phikwe	Serowe	South East	Tutume	Grand Total
J.Oral Conditions	K00-K14	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
1.Other oral diseases	K00, K01, K03, K04, K06-K14	**F**	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
		M	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**
J.Malignant Neoplasms	C00-C97	**F**	18	18	0	5	144	291	9	3	14	19	1	3	41	70	9	12	4	37	2	41	9	8	20	21	44	31	36	**910**
		M	14	19	0	3	113	196	12	7	2	22	4	7	31	56	3	10	3	41	3	34	7	2	19	18	35	20	25	**706**
1.Mouth and oropharynx cancers	C00-C14	**F**	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	**7**
		M	0	0	0	1	2	8	1	0	0	1	1	1	2	1	0	0	1	4	0	0	0	1	1	0	1	1	1	**28**
2.Oesophagus Cancer	C15	**F**	2	1	0	0	15	15	0	0	0	0	1	0	2	4	0	0	0	3	0	3	0	0	0	1	3	4	2	**56**
		M	2	1	0	0	20	12	2	1	1	5	0	0	6	7	0	1	1	6	0	0	2	0	0	1	10	5	6	**89**
3.Stomach cancer	C16	**F**	0	0	0	0	3	2	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	2	0	1	**12**
		M	0	0	0	0	1	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**5**
4.Colon and rectum cancer	C18-C21	**F**	1	2	0	1	8	23	1	0	1	1	0	0	3	7	0	1	0	3	0	0	0	0	2	1	3	1	1	**60**
		M	0	2	0	0	8	18	0	0	0	0	0	1	0	3	0	0	0	5	0	2	0	0	0	0	2	1	2	**44**
5.Liver cancer	C22	**F**	1	0	0	1	7	13	0	0	2	1	0	0	4	8	0	0	0	1	0	4	0	0	1	0	4	3	2	**52**
		M	3	3	0	0	8	13	0	0	0	4	0	0	3	8	1	1	0	1	0	5	0	1	2	2	1	4	1	**61**
6.Pancreas cancer	C25	**F**	0	1	0	0	5	6	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	2	0	2	**20**
		M	0	2	0	0	4	12	0	0	0	0	0	1	1	2	0	1	0	1	0	1	0	0	2	1	0	0	1	**29**
7.Trachea, bronchus, lung cancers	C33-C34	**F**	0	0	0	0	5	12	0	0	0	1	0	0	2	0	0	1	0	2	0	0	0	0	3	0	3	2	4	**35**
		M	0	5	0	0	13	28	7	3	1	2	1	0	4	9	1	0	0	8	1	3	2	0	2	0	2	2	0	**94**
8.Melanoma and other skin cancers	C43-C44	**F**	0	0	0	0	1	5	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	1	0	0	1	1	1	**15**
		M	1	1	0	0	0	2	0	0	0	1	0	0	2	2	0	2	0	1	0	3	0	0	0	1	1	0	0	**17**
9.Breast cancer	C50	**F**	5	2	0	2	21	42	0	1	4	9	0	0	8	11	2	3	1	9	1	5	4	3	0	3	7	8	2	**153**
		M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	**4**
10.Cervix uteri cancer	C53	**F**	7	9	0	1	43	70	4	1	2	1	0	2	12	15	2	2	1	6	0	15	1	2	8	11	10	9	11	**245**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
11.Corpus uteri cancer	C54-C55	**F**	0	0	0	0	2	13	0	0	1	0	0	0	2	2	0	2	0	1	1	2	0	0	1	1	0	2	0	**30**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**

ANNEX 1: Mortality (Excluding Neonates)According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Health District and Sex,2022

Cause	ICD10Codes	Sex	Bobirwa	Boteti	Charleshill	Chobe	Francistown	Gaborone	Ghanzi	Goodhope	Jwaneng	Kanye	Kgalagadi North	Kgalagadi South	Kgatleng	Kweneng East	Kweneng West	Lobatse	Mabutsane	Mahalapye	Moshupa	Ngamiland	North East	Okavango	Palapye	Selebi-Phikwe	Serowe	South East	Tutume	Grand Total
12.Ovary Cancer	C56	F	0	0	0	0	7	21	0	1	0	1	0	0	1	2	0	2	0	0	0	3	1	1	0	0	2	0	1	**43**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
13.Prostate Cancer	C61	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	2	3	0	0	16	30	1	1	0	5	0	1	6	10	0	2	0	5	1	5	1	0	8	6	9	3	6	**121**
14.Bladder cancer	C67	F	0	0	0	0	1	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**6**
		M	1	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	**10**
15.Lymphomas, multiple myeloma	C81-C90, C96	F	0	0	0	0	4	19	2	0	2	0	0	0	1	2	0	0	0	2	0	0	0	0	0	0	0	0	1	**33**
		M	2	0	0	0	9	18	0	0	0	0	1	0	2	0	0	1	0	1	0	2	0	0	0	2	1	0	0	**39**
16.Leukemia	C91-C95	F	0	0	0	0	2	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	**15**
		M	0	0	0	0	2	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	**15**
17.Other Malignant Neoplasms	C17, C23, C24, C26-C32, C37-C41, C45-C49, C51, C52, C57-C60, C62-C66, C68-C80, C97	F	2	3	0	0	20	34	1	0	1	4	0	1	2	13	1	0	2	10	0	8	2	1	5	3	6	1	8	**128**
		M	3	2	0	2	26	38	1	2	0	3	1	3	4	13	1	2	1	8	1	13	2	0	2	4	7	3	8	**150**
K.Other Neoplasms	D00-D48	F	0	0	0	0	1	11	0	0	1	0	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	**17**
		M	0	1	0	0	2	5	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	**11**
L.Diabetes Mellitus	E10-E14	F	6	3	0	0	29	58	2	6	2	9	1	0	13	23	3	8	0	9	4	7	2	1	4	6	16	10	15	**237**
		M	6	0	0	3	22	26	2	1	0	4	1	0	2	11	1	4	0	7	1	4	3	2	5	2	3	5	5	**120**
M.Endocrine Disorders	D55-D64 (minus D64.9), D65-D89, E03-E07, E15-E34, E65-E88	F	3	4	0	1	8	24	2	2	0	9	0	2	1	7	0	2	0	4	0	5	0	2	5	0	10	3	3	**97**
		M	0	4	0	1	12	22	5	3	3	3	0	0	7	10	0	0	1	6	0	5	0	2	1	1	5	0	7	**98**
III. Injuries	V01-Y89, U12.9	F	11	23	0	9	38	65	16	9	6	20	4	3	11	37	7	4	1	23	2	16	7	11	7	2	21	6	26	**385**
		M	29	30	3	12	80	207	29	13	7	51	2	8	51	98	8	6	2	59	18	52	16	31	21	7	49	18	79	**986**
A.Unintentional Injuries	V01-X59, Y40-Y86, Y88, Y89, U12.9	F	4	12	0	5	29	54	9	6	5	12	3	2	9	19	2	3	1	17	1	8	2	7	5	0	11	6	16	**248**
		M	12	14	0	9	48	139	12	9	5	17	2	4	24	45	2	5	0	28	9	26	5	12	14	1	18	10	35	**505**
1.Road Traffic Accidents	V01-V04, V06 (.1-.9), V09 (.2-.3), V10- V14 (.3-.9), V15-V19 (.4-.9), V20-V28 (.3-.9), V29-V79 (.4-.9), V80 (.3-.5), V81.1, V82 (.1, .8-.9), V83-V86 (.0-.3), V87 (.0-.9), V89 (.2-.3, .9), V99, Y85.0	F	1	6	0	4	9	21	8	3	4	5	2	1	7	12	1	1	1	8	0	2	1	1	0	0	4	3	12	**117**
		M	4	9	0	7	20	67	10	4	3	7	1	1	9	27	1	3	0	20	5	15	3	0	4	1	9	7	25	**262**
2.Posionings	X40-X49	F	0	1	0	0	3	5	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1	0	**15**
		M	0	0	0	1	5	1	0	0	1	1	0	0	1	1	0	0	0	0	0	1	0	1	0	0	1	0	0	**14**
3.Falls	W00-W19	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	**4**

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Cause	ICD10Codes	Sex	Bobirwa	Boteti	Charleshill	Chobe	Francistown	Gaborone	Ghanzi	Goodhope	Jwaneng	Kanye	Kgalagadi North	Kgalagadi South	Kgatleng	Kweneng East	Kweneng West	Lobatse	Mabutsane	Mahalapye	Moshupa	Ngamiland	North East	Okavango	Palapye	Selebi-Phikwe	Serowe	South East	Tutume	Grand Total
4.Fires	**X00-X09**	**F**	1	1	0	0	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	1	**21**
		M	2	1	0	0	4	4	1	1	0	1	0	3	0	1	0	0	0	1	0	1	0	0	1	0	0	0	4	**25**
5.Drownings	**W65-W74**	**F**	0	0	0	0	0	0	0	0	0	5	0	1	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	**10**
		M	2	1	0	0	1	4	0	2	0	1	0	0	3	1	0	0	0	0	1	0	0	2	1	0	0	2	2	**23**
6.Other unintentional injuries	**Rest of V, W20-W64, W75-W99, X10-X39, X50-X59, Y40-Y84, Y859, Y86, Y88, Y89, U12.9**	**F**	2	4	0	1	12	18	1	2	1	2	1	0	1	5	1	2	0	8	1	4	1	4	4	0	5	2	3	**85**
		M	4	3	0	1	18	61	1	2	1	7	1	0	11	14	1	2	0	7	3	9	2	9	8	0	7	1	4	**177**
B.Intentional Injuries	**X60-Y09, Y35-Y36, Y870, Y871**	**F**	5	4	0	3	1	7	3	2	0	3	1	0	1	14	5	0	0	3	1	3	4	4	1	1	7	0	5	**78**
		M	14	11	3	1	17	47	13	4	2	28	0	1	20	38	6	1	2	22	7	16	7	17	7	3	24	6	33	**350**
1.Self-inflicted injuries	**X60-X84, Y870**	**F**	0	2	0	2	1	5	1	0	0	0	1	0	1	8	3	0	0	1	1	1	4	2	0	0	2	0	1	**36**
		M	10	8	2	1	10	21	10	4	2	20	0	1	16	24	2	0	1	17	5	11	6	11	6	3	17	4	27	**239**
2.Violence	**X85-Y09, Y871**	**F**	5	2	0	1	0	2	2	2	0	3	0	0	0	6	2	0	0	2	0	2	0	2	1	1	5	0	4	**42**
		M	4	3	1	0	7	20	3	0	0	8	0	0	4	14	4	1	1	5	2	5	1	6	1	0	7	2	6	**105**
3.Other intentional injuries	**Y35**	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**6**
C.III Defined Injuries and Accidents	**Y10-Y34, Y872**	**F**	2	7	0	1	8	4	4	1	1	5	0	1	1	4	0	1	0	3	0	5	1	0	1	1	4	0	5	**60**
		M	3	5	0	2	15	21	4	0	0	6	0	3	7	15	0	0	0	9	2	10	4	2	0	3	7	2	11	**131**
Ill defined	**R00-R94, R96-R99**	**F**	114	74	8	16	39	136	21	36	5	229	14	35	102	281	48	16	8	163	34	77	79	74	35	12	162	18	117	**1,953**
		M	79	53	12	5	51	117	36	38	4	260	15	54	104	276	50	16	11	180	42	85	49	60	43	11	137	12	110	**1,910**
Grand Total	**A00-Y99**	**F**	**116**	**80**	**8**	**20**	**49**	**157**	**29**	**39**	**9**	**234**	**16**	**36**	**109**	**293**	**49**	**17**	**9**	**171**	**34**	**79**	**80**	**75**	**35**	**12**	**166**	**21**	**129**	**2,072**
		M	**83**	**63**	**12**	**13**	**76**	**196**	**46**	**42**	**7**	**268**	**16**	**56**	**113**	**307**	**51**	**19**	**11**	**202**	**47**	**102**	**52**	**60**	**48**	**12**	**150**	**19**	**137**	**2,208**

ANNEX 2: Mortality (Excluding Neonates) According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Age Group and Sex, 2022

Cause	ICD10Codes	Sex	<1	01-4	05-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	Grand Total
I. Communicable, maternal, perinatal and nutritional conditions	A00-B99, D50-D53, D64.9, E00-E02, E40-E46, E50-E64, G00-G04, G14, H65-H66, J00-J22, N70-N73, O00-O99, P00-P96, U04, U071, U072, U099, U109	F	55	66	9	44	151	178	143	125	322	2	1,095
		M	47	77	13	21	101	223	239	168	363	3	1,255
A.Infectious and Parasitic Diseases	A00-B99, G00-G04, G14, N70-N73, P37.3, P37.4	F	38	46	6	21	87	135	123	96	180	0	732
		M	28	45	7	18	91	191	198	127	199	1	905
1.Tuberculosis	A15-A19, B90	F	1	3	0	6	10	15	11	15	36	0	97
		M	0	2	1	5	11	26	34	29	60	0	168
2.STDs Excluding HIV	A50-A64, N70-N73	F	0	0	0	0	3	0	0	0	0	0	3
		M	0	0	0	0	1	0	0	0	0	0	1
3.HIV/AIDS	B20-B24	F	0	2	2	13	59	93	92	52	40	0	353
		M	1	0	1	7	51	126	127	75	57	0	445
4.Diarrhoeal Diseases	A00, A01, A03, A04, A06-A09	F	29	30	3	0	2	5	6	12	38	0	125
		M	20	33	0	0	5	7	8	8	18	1	100
5.Meningitis	A39, G00, G03	F	2	4	1	0	2	2	1	0	1	0	13
		M	0	2	1	0	4	2	4	0	4	0	17
6.Hepatitis B	B16-B19 (minus B17.1, B17.2, B18.2, B18.8)	F	1	0	0	0	0	1	0	0	2	0	4
		M	0	0	0	0	0	1	0	1	0	0	2
7.Malaria	B50-B54, P37.3, P37.4	F	0	0	0	0	0	1	0	0	0	0	1
		M	0	0	0	1	1	4	0	0	1	0	7
8.Other infectious diseases	A02, A05, A20-A28, A31, A32, A38, A40-A49, A65-A70, A74-A79, A81, A82, A83.1-A83.9, A84-A89, A92-A99,B00-B04, B06-B15, B17.2, B18.8, B25-B49, B58-B60, B64, B66-B72, B74.3-B74.9, B75, B82-B89, B92-B99, G04	F	5	7	0	2	11	18	13	17	63	0	136
		M	7	8	4	5	18	25	25	14	59	0	165
B.Respiratory Infections	H65-H66, J00-J22, P23, U04, U07.1, U07.2, U09.9, U10.9	F	13	11	2	1	15	13	9	24	109	0	197
		M	12	17	4	1	7	25	27	29	122	0	244
1.Lower respiratory infections	J09-J22, P23, U04	F	13	10	2	1	8	11	4	16	70	0	135
		M	9	17	4	0	6	19	21	18	79	0	173
2.COVID-19	U07.1, U07.2, U09.9, U10.9	F	0	1	0	0	6	2	5	8	37	0	59
		M	2	0	0	1	1	6	6	11	42	0	69
3.Upper respiratory infections	J00-J06	F	0	0	0	0	1	0	0	0	2	0	3
		M	1	0	0	0	0	0	0	0	1	0	2
C.Maternal Conditions	O00-O99	F	0	0	1	15	45	23	0	0	0	0	84
		M	0	0	0	0	0	0	0	0	0	0	0
1.Maternal haemorrhage	O44-O46, O67, O72	F	0	0	0	1	1	1	0	0	0	0	3
		M	0	0	0	0	0	0	0	0	0	0	0
2.Maternal Sepsis	O85-O86	F	0	0	0	2	1	0	0	0	0	0	3
		M	0	0	0	0	0	0	0	0	0	0	0
3.Hypertensive Disorders	O10-O16	F	0	0	1	9	9	5	0	0	0	0	24
		M	0	0	0	0	0	0	0	0	0	0	0
4.Abortion	O00-O07	F	0	0	0	2	9	5	0	0	0	0	16
		M	0	0	0	0	0	0	0	0	0	0	0
5.Other Maternal Conditions	O20-O43, O47-O63, O68-O71,O73-O75, O87-O99	F	0	0	0	1	25	12	0	0	0	0	38
		M	0	0	0	0	0	0	0	0	0	0	0

ANNEX 2: Mortality (Excluding Neonates) According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Age Group and Sex, 2022

Cause	ICD10Codes	Sex	<1	01-4	05-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	Grand Total
D.Perinatal Conditions	**P00-P96 (minus P23, P37.3, P37.4)**	**F**	3	0	0	0	0	0	0	0	0	2	**5**
		M	6	0	0	0	0	0	0	0	0	2	**8**
1.Low Birth Weight	**P05, P07**	**F**	2	0	0	0	0	0	0	0	0	0	**2**
		M	5	0	0	0	0	0	0	0	0	0	**5**
2.Birth Asphyxia and birth trauma	**P03, P10-P15, P20-P22, P24-P29**	**F**	0	0	0	0	0	0	0	0	0	1	**1**
		M	0	0	0	0	0	0	0	0	0	1	**1**
3.Other perinatal conditions	**P00-P02, P04, P08, P35-P96**	**F**	1	0	0	0	0	0	0	0	0	1	**2**
		M	1	0	0	0	0	0	0	0	0	1	**2**
E.Nutritional Deficiencies	**D50-D53, D64.9, E00-E02, E40-E46, E50-E64**	**F**	1	9	0	7	4	7	11	5	33	0	**77**
		M	1	15	2	2	3	7	14	12	42	0	**98**
1.Protein-energy malnutrition	**E40-E46**	**F**	1	9	0	1	0	0	0	0	3	0	**14**
		M	1	14	2	1	0	0	4	0	9	0	**31**
2.Iron-Deficiency Anaemia	**D50, D64.9**	**F**	0	0	0	6	4	7	10	5	29	0	**61**
		M	0	1	0	1	3	7	10	12	32	0	**66**
3.Other Nutritional Disorders	**D51-D53, E51-E64**	**F**	0	0	0	0	0	0	1	0	1	0	**2**
		M	0	0	0	0	0	0	0	0	1	0	**1**
II. Non-communicable diseases	**C00-C97, D00-D48, D55-D64 (mInus D64.9) D65-D89, E03-E07, E10-E34, E65-E88, F01-F99, G06-G98 (minus G14), H00-H61, H68-H93, I00-I99, J30-J98, K00-K92, L00-L98, M00-M99, N00-N64, N75-N98, Q00-Q99, R95, U07.0**	**F**	30	40	36	38	132	323	352	395	1,526	1	**2,873**
		M	28	56	35	58	118	243	353	509	1,313	3	**2,716**
A.Neuro Pyschiatric Conditions	**F01-F99, G06-G98 (minus G14)**	**F**	0	6	14	6	10	9	5	12	29	0	**91**
		M	2	16	13	16	20	20	14	14	23	0	**138**
1.Schizophrenia	**F20-F29**	**F**	0	0	0	0	0	0	0	0	2	0	**2**
		M	0	0	0	0	0	1	0	1	0	0	**2**
2.Epilepsy	**G40-G41**	**F**	0	2	4	4	6	3	2	2	10	0	**33**
		M	1	3	3	8	10	14	9	6	10	0	**64**
3.Alcohol use disorders	**F10**	**F**	0	0	0	0	0	1	0	0	0	0	**1**
		M	0	0	0	0	0	1	1	1	0	0	**3**
4.Alzheimer and other dementias	**F01, F03, G30-G31**	**F**	0	1	0	0	0	0	0	2	10	0	**13**
		M	0	1	0	0	0	0	0	1	6	0	**8**
5.Parkinson Disease	**G20-G21**	**F**	0	0	0	0	0	0	1	0	2	0	**3**
		M	0	0	0	0	0	0	0	2	1	0	**3**
6.Multiple Sclerosis	**G35**	**F**	0	0	0	0	1	0	0	1	0	0	**2**
		M	0	0	0	0	0	0	0	0	0	0	**0**
7.Drug use disorders	**F11-F16, F18-F19**	**F**	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	2	0	0	0	0	0	**2**
8.Migraine	**G43**	**F**	0	0	0	0	1	0	0	0	0	0	**1**
		M	0	0	0	0	0	0	0	0	0	0	**0**

ANNEX 2: Mortality (Excluding Neonates) According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Age Group and Sex, 2022

Cause	ICD10Codes	Sex	<1	01-4	05-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	Grand Total
9.Other neuropyschiatric disorders	F04-F09, F17, F34-F39, F401-F409, F411-F419, F43 (minus F43.1), F44-F50, F52-F69, F80-F99, G06-G12, G23-G25, G36, G37, G44-G98, U07.0	F	0	3	10	2	2	5	2	7	5	0	36
		M	1	12	10	8	8	4	4	3	6	0	56
B.Sense Organ Diseases	H00-H61, H68-H93	F	0	0	0	0	0	0	0	0	2	0	2
		M	0	0	0	0	0	0	0	0	0	0	0
1.Glaucoma	H40	F	0	0	0	0	0	0	0	0	2	0	2
		M	0	0	0	0	0	0	0	0	0	0	0
C.Cardio Vascular Diseases	I00-I99	F	8	5	3	6	40	51	52	92	664	0	921
		M	3	7	5	9	27	59	86	124	481	0	801
1.Rheumatic Heart Disease	I01-I09	F	0	0	0	0	2	1	0	0	0	0	3
		M	0	0	0	0	0	0	0	0	0	0	0
2.Hypertensive Heart Disease	I11-I15	F	0	0	0	0	4	5	9	17	102	0	137
		M	0	0	0	0	4	4	7	20	65	0	100
3.Ischmaemic Heart Disease	I20-I25	F	0	0	0	1	3	0	4	7	14	0	29
		M	0	0	0	1	2	9	5	9	20	0	46
4.Cerebrovascular Disease	I60-I69	F	0	0	0	0	7	15	9	22	196	0	249
		M	1	0	3	2	4	20	31	39	131	0	231
5.Inflamatory Heart Disease	I30-I33, I38, I40, I42	F	1	1	1	1	2	2	1	3	7	0	19
		M	1	1	2	0	2	0	4	5	4	0	19
6.Other Cardiovascular Diseases	I00, I10, I26-I28, I34-I37, I44-I51, I70-I99	F	7	4	2	4	22	28	29	43	345	0	484
		M	1	6	0	6	15	26	39	51	261	0	405
D.Respiratory Diseases	J30-J98	F	3	7	1	4	11	10	13	14	59	0	122
		M	6	6	0	2	7	14	39	63	163	0	300
1.Chronic Obstructive Pulmonary Disease	J40-J44	F	1	0	0	0	0	0	1	1	5	0	8
		M	1	0	0	0	0	2	14	24	82	0	123
2.Asthma	J45-J46	F	0	1	0	0	0	1	3	2	21	0	28
		M	0	0	0	0	0	3	3	10	31	0	47
3.Other respiratory diseases	J30-J39, J47-J98	F	2	6	1	4	11	9	9	11	33	0	86
		M	5	6	0	2	7	9	22	29	50	0	130
E.Digestive Diseases	K20-K92	F	4	2	4	5	8	19	25	30	82	1	180
		M	2	3	4	7	20	35	43	48	74	0	236
1.Peptic Ulcer Disease	K25-K27	F	0	0	0	0	0	2	1	0	8	0	11
		M	0	0	0	0	1	1	3	0	5	0	10
2.Cirrhosis of the liver	K70, K74	F	0	0	0	0	2	2	4	5	3	0	16
		M	0	1	0	0	3	5	5	10	12	0	36
3.Appendicitis	K35-K37	F	0	0	0	0	0	1	2	0	0	0	3
		M	0	0	0	1	1	3	1	0	2	0	8
4.Other digestive diseases	K20-K22, K28-K31, K38, K40-K66, K71-K73, K75-K92	F	4	2	4	5	6	14	18	25	71	1	150
		M	2	2	4	6	15	26	34	38	55	0	182

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Cause	ICD10Codes	Sex	<1	01-4	05-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	Grand Total
F.Genito Urinary Diseases	**N00-N64, N75-N98**	**F**	0	2	2	2	7	30	18	17	99	0	**177**
		M	0	1	0	4	10	23	29	43	121	1	**232**
1.Nephritis and nephrosis	**N00-N19**	**F**	0	2	2	1	6	27	17	17	88	0	**160**
		M	0	1	0	4	9	21	25	39	84	0	**183**
2.Benign prostatic hypertrophy	**N40**	**F**	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	0	0	0	0	15	0	**15**
3.Other Genitourinary system diseases	**N20-N39, N41-N64, N75-N98**	**F**	0	0	0	1	1	3	1	0	11	0	**17**
		M	0	0	0	0	1	2	4	4	22	1	**34**
G.Skin Diseases	**L00-L98**	**F**	0	1	0	1	1	4	2	4	51	0	**64**
		M	0	0	1	2	0	1	2	6	21	0	**33**
H.Musculo Skeletal Diseases	**M00-M99**	**F**	0	0	0	0	7	2	3	2	14	0	**28**
		M	1	0	1	0	1	1	1	0	6	0	**11**
1.Rheumatoid Aithritis	**M05-M06**	**F**	0	0	0	0	1	0	0	0	4	0	**5**
		M	0	0	0	0	0	0	0	0	0	0	**0**
2.Osteoarthritis	**M15-M19**	**F**	0	0	0	0	0	0	0	0	2	0	**2**
		M	0	0	0	0	0	0	0	0	2	0	**2**
3.Gout	**M10**	**F**	0	0	0	0	0	0	0	0	3	0	**3**
		M	0	0	0	0	0	0	0	0	0	0	**0**
4.Back pain	**M45-M48, M54 (minus M54.2)**	**F**	0	0	0	0	0	0	0	0	1	0	**1**
		M	0	0	0	0	0	0	0	0	0	0	**0**
5.Other musculoskeletal disorders	**M00-M02, M08, M11-M13, M20-M43, M50-M53, M54.2, M55-M99**	**F**	0	0	0	0	6	2	3	2	4	0	**17**
		M	1	0	1	0	1	1	1	0	4	0	**9**
I.Congenital Anomalies	**Q00-Q99**	**F**	12	8	3	1	1	0	0	0	0	0	**25**
		M	11	10	2	1	0	2	0	0	1	0	**27**
1.Down Syndromme	**Q90**	**F**	1	0	1	0	0	0	0	0	0	0	**2**
		M	0	1	1	0	0	2	0	0	0	0	**4**
2.Congenital Heart Anomalies	**Q20-Q28**	**F**	5	7	1	0	1	0	0	0	0	0	**14**
		M	5	4	1	0	0	0	0	0	0	0	**10**
3.Spina Bifida	**Q05**	**F**	1	0	0	0	0	0	0	0	0	0	**1**
		M	1	0	0	1	0	0	0	0	0	0	**2**
4.Other congenital anomalies	**Q01-Q04, Q06-Q18, Q30-Q34, Q38, Q392-Q399, Q40-Q41, Q43-Q56, Q61-Q78, Q790, Q791, Q796, Q798, Q799, Q80-Q89, Q91-Q99**	**F**	4	1	1	1	0	0	0	0	0	0	**7**
		M	3	4	0	0	0	0	0	0	1	0	**8**
5.Abdominal Wall Effect	**Q79.2-Q79.5**	**F**	1	0	0	0	0	0	0	0	0	0	**1**
		M	0	1	0	0	0	0	0	0	0	0	**1**
6.Anorectal Atresia	**Q42**	**F**	0	0	0	0	0	0	0	0	0	0	**0**
		M	1	0	0	0	0	0	0	0	0	0	**1**
7.Oesophageal Atresia	**Q39.0-Q39.1**	**F**	0	0	0	0	0	0	0	0	0	0	**0**
		M	1	0	0	0	0	0	0	0	0	0	**1**

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Cause	ICD10Codes	Sex	<1	01-4	05-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	Grand Total
J.Oral Conditions	K00-K14	F	0	0	0	0	0	0	0	0	2	0	**2**
		M	0	0	1	0	0	0	0	1	1	0	**3**
1.Other oral diseases	K00, K01, K03, K04, K06-K14	F	0	0	0	0	0	0	0	0	2	0	**2**
		M	0	0	1	0	0	0	0	1	1	0	**3**
K.Malignant Neoplasms	C00-C97	F	0	3	3	6	34	168	206	159	331	0	**910**
		M	0	3	4	11	21	63	112	172	318	2	**706**
1.Mouth and oropharynx cancers	C00-C14	F	0	0	0	0	0	1	0	1	5	0	**7**
		M	0	0	0	0	2	2	8	9	7	0	**28**
2.Oesophagus Cancer	C15	F	0	0	0	0	0	1	8	12	35	0	**56**
		M	0	0	0	0	0	4	18	25	42	0	**89**
3.Stomach cancer	C16	F	0	0	0	0	1	0	0	3	8	0	**12**
		M	0	0	0	0	0	0	0	1	4	0	**5**
4.Colon and rectum cancer	C18-C21	F	0	0	0	0	3	10	17	9	21	0	**60**
		M	0	0	0	0	1	9	8	10	16	0	**44**
5.Liver cancer	C22	F	0	0	0	1	3	6	8	9	25	0	**52**
		M	0	1	0	1	4	3	11	12	29	0	**61**
6.Pancreas cancer	C25	F	0	0	0	0	0	0	4	4	12	0	**20**
		M	0	0	0	0	1	1	6	9	12	0	**29**
7.Trachea, bronchus, lung cancers	C33-C34	F	0	0	0	0	1	5	5	10	14	0	**35**
		M	0	0	0	0	1	10	16	28	38	1	**94**
8.Melanoma and other skin cancers	C43-C44	F	0	0	0	0	1	1	2	5	6	0	**15**
		M	0	0	0	0	1	1	3	3	9	0	**17**
9.Breast cancer	C50	F	0	0	0	1	7	32	38	23	52	0	**153**
		M	0	0	0	0	0	1	0	2	1	0	**4**
10.Cervix uteri cancer	C53	F	0	0	0	0	6	65	77	42	55	0	**245**
		M	0	0	0	0	0	0	0	0	0	0	**0**
11.Corpus uteri cancer	C54-C55	F	0	0	0	0	0	2	2	9	17	0	**30**
		M	0	0	0	0	0	0	0	0	0	0	**0**
12.Ovary Cancer	C56	F	0	0	0	0	2	7	6	11	17	0	**43**
		M	0	0	0	0	0	0	0	0	0	0	**0**
13.Prostate Cancer	C61	F	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	1	0	5	25	90	0	**121**
14.Bladder cancer	C67	F	0	0	0	0	0	0	1	1	4	0	**6**
		M	0	0	0	0	0	0	0	2	8	0	**10**
15.Lymphomas, multiple myeloma	C81-C90, C96	F	0	0	0	0	0	10	10	2	11	0	**33**
		M	0	0	0	4	3	12	7	5	8	0	**39**
16.Leukemia	C91-C95	F	0	0	1	1	1	1	3	1	7	0	**15**
		M	0	0	0	1	0	3	0	3	8	0	**15**
17.Other Malignant Neoplasms	C17, C23, C24, C26-C32, C37-C41, C45-C49, C51, C52, C57-C60, C62-C66, C68-C80, C97	F	0	3	2	3	9	27	25	17	42	0	**128**
		M	0	2	4	5	7	17	30	38	46	1	**150**

ANNEX 2: Mortality (Excluding Neonates) According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Age Group and Sex, 2022

Cause	ICD10Codes	Sex	<1	01-4	05-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	Grand Total
L.Other Neoplasms	**D00-D48**	**F**	0	0	3	0	0	3	3	3	5	0	**17**
		M	0	0	1	0	1	2	1	3	3	0	**11**
M.Diabetes Mellitus	**E10-E14**	**F**	0	0	1	5	5	19	20	46	141	0	**237**
		M	0	0	1	3	6	12	16	21	61	0	**120**
N.Endocrine Disorders	**D55-D64 (minus D64.9), D65-D89, E03-E07, E15-E34, E65-E88**	**F**	3	6	2	2	8	8	5	16	47	0	**97**
		M	3	10	2	3	5	11	10	14	40	0	**98**
III. Injuries	**V01-Y89, U12.9**	**F**	1	36	26	54	86	66	35	19	61	1	**385**
		M	6	46	38	144	305	209	118	60	55	5	**986**
A.Unintentional Injuries	**V01-X59, Y40-Y86, Y88, Y89, U12.9**	**F**	1	30	22	22	54	38	13	12	54	1	**247**
		M	6	37	25	52	121	119	71	32	37	5	**505**
1.Road Traffic Accidents	**V01-V04, V06 (.1-.9), V09 (.2-.3), V10- V14 (.3-.9), V15-V19 (.4-.9), V20-V28 (.3-.9), V29- V79 (.4-.9), V80 (.3-.5), V81.1, V82 (.1, .8-.9), V83-V86 (.0-.3), V87 (.0-.9), V89 (.2-.3, .9), V99, Y85.0**	**F**	0	8	15	15	36	19	8	8	7	1	**117**
		M	0	6	10	32	80	75	33	13	11	2	**262**
2.Posionings	**X40-X49**	**F**	0	7	1	0	0	3	1	1	1	0	**14**
		M	0	2	1	3	1	1	3	2	1	0	**14**
3.Falls	**W00-W19**	**F**	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	1	0	2	1	0	0	0	**4**
4.Fires	**X00-X09**	**F**	0	8	0	1	3	2	1	0	6	0	**21**
		M	0	6	3	2	0	4	2	2	6	0	**25**
5.Drownings	**W65-W74**	**F**	0	2	4	0	1	2	0	0	1	0	**10**
		M	0	5	3	5	5	2	3	0	0	0	**23**
6.Other unintentional injuries	**Rest of V, W20-W64, W75-W99, X10-X39, X50-X59, Y40-Y84, Y859, Y86, Y88, Y89, U12.9**	**F**	1	5	2	6	14	12	3	3	39	0	**85**
		M	6	18	8	9	35	35	29	15	19	3	**177**
B.Intentional Injuries	**X60-Y09, Y35-Y36, Y870, Y871**	**F**	0	2	3	22	18	15	10	5	3	0	**78**
		M	0	5	9	73	143	59	30	19	12	0	**350**
1.Self-inflicted injuries	**X60-X84, Y870**	**F**	0	0	2	14	5	6	3	4	2	0	**36**
		M	0	1	4	46	94	44	23	18	9	0	**239**
2.Violence	**X85-Y09, Y871**	**F**	0	2	1	8	13	9	7	1	1	0	**42**
		M	0	4	5	27	46	12	7	1	3	0	**105**
3.Other intentional injuries	**Y35**	**F**	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	3	3	0	0	0	0	**6**

ANNEX 2: Mortality (Excluding Neonates) According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Age Group and Sex, 2022

Cause	ICD10Codes	Sex	<1	01-4	05-14	15-24	25-34	35-44	45-54	55-64	65+	N/S	Grand Total
C.III Defined Injuries and Accidents	**Y10-Y34, Y872**	**F**	0	4	1	10	14	13	12	2	4	0	**60**
		M	0	4	4	19	41	31	17	9	6	0	**131**
Ill defined	**R00-R94, R96-R99**	**F**	38	48	25	16	70	119	110	159	1,364	4	**1,953**
		M	38	56	46	49	115	158	190	258	992	8	**1,910**
Grand Total	**A00-Y99**	**F**	**124**	**190**	**96**	**152**	**439**	**686**	**640**	**698**	**3,273**	**8**	**6,306**
		M	**119**	**235**	**132**	**272**	**639**	**833**	**900**	**995**	**2,723**	**19**	**6,867**

ANNEX 3: Neonatal Mortality According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Health District and Sex,2022

Cause	ICD10Codes	Sex	Bobirwa	Boteti	Chobe	Francistown	Gaborone	Ghanzi	Goodhope	Jwaneng	Kanye	Kgalagadi North	Kgalagadi South	Kgatleng	Kwneng East	Lobatse	Mahalapye	Moshupa	Ngamiland	North East	Okavango	Palapye	Selebi-Phikwe	Serowe	South East	Tutume	Grand Total
I. Communicable, maternal, perinatal and nutritional conditions	**A00-B99, D50-D53, D64.9, E00-E02, E40-E46, E50-E64, G00-G04, G14, H65-H66, J00-J22, N70-N73, O00-O99, P00-P96, U04, U071, U072, U099, U109**	**F**	1	3	1	78	56	9	1	1	2	0	1	5	6	4	8	0	13	2	3	6	3	13	5	1	**222**
		M	0	8	3	76	76	7	0	1	1	3	7	7	8	6	6	0	12	0	2	3	1	12	3	5	**247**
A.Infectious and Parasitic Diseases	**A00-B99, G00-G04, G14, N70-N73, P37.3, P37.4**	**F**	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	**3**
		M	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	**4**
1.Diarrhoeal Diseases	**A00, A01, A03, A04, A06-A09**	**F**	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	**3**
		M	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	**4**
B.Respiratory Infections	**H65-H66, J00-J22, P23, U04, U07.1, U07.2, U09.9, U10.9**	**F**	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	**3**
		M	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	**4**
1.Lower respiratory infections	**J09-J22, P23, U04**	**F**	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	**3**
		M	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	**4**
C.Perinatal Conditions	**P00-P96 (minus P23, P37.3, P37.4)**	**F**	1	2	1	78	56	9	1	0	2	0	1	5	6	4	8	0	13	1	2	6	3	11	5	1	**216**
		M	0	7	3	76	74	7	0	1	1	3	7	7	8	6	6	0	12	0	2	3	1	9	3	3	**239**
1.Low Birth Weight	**P05, P07**	**F**	1	1	1	34	23	3	0	0	0	0	0	0	4	1	6	0	6	0	1	6	0	6	1	1	**95**
		M	0	2	3	32	32	4	0	1	0	3	6	5	3	3	4	0	4	0	1	2	0	4	1	0	**110**
2.Birth Asphyxia and birth trauma	**P03, P10-P15, P20-P22, P24-P29**	**F**	0	1	0	16	15	5	0	0	2	0	0	2	2	2	2	0	4	1	0	0	1	5	2	0	**60**
		M	0	2	0	16	22	3	0	0	0	0	1	2	4	3	0	0	4	0	0	0	0	5	2	2	**66**
3.Other perinatal conditions	**P00-P02, P04, P08, P35-P96**	**F**	0	0	0	28	18	1	1	0	0	0	1	3	0	1	0	0	3	0	1	0	2	0	2	0	**61**
		M	0	3	0	28	20	0	0	0	1	0	0	0	1	0	2	0	4	0	1	1	1	0	0	1	**63**
II. Non-communicable diseases	**C00-C97, D00-D48, D55-D64 (mInus D64.9) D65-D89, E03-E07, E10-E34, E65-E88, F01-F99, G06-G98 (minus G14), H00-H61, H68-H93, I00-I99, J30-J98, K00-K92, L00-L98, M00-M99, N00-N64, N75-N98, Q00-Q99, R95, U07.0**	**F**	0	3	0	6	7	2	0	0	1	0	0	1	1	1	2	2	2	0	0	2	3	2	1	3	**39**
		M	1	1	0	9	13	1	1	0	4	1	2	1	1	2	1	0	2	1	0	1	1	2	0	4	**49**
A.Congenital Anomalies	**Q00-Q99**	**F**	0	3	0	4	4	1	0	0	0	0	0	0	0	0	1	0	2	0	0	1	1	1	1	0	**19**
		M	0	0	0	8	8	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	**19**
1.Congenital Heart Anomalies	**Q20-Q28**	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	**4**
		M	0	0	0	2	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	**5**
2.Other congenital anomalies	**Q01-Q04, Q06-Q18, Q30-Q34, Q38, Q392-Q399, Q40-Q41, Q43-Q56, Q61-Q78, Q790, Q791, Q796, Q798, Q799, Q80-Q89, Q91-Q99**	**F**	0	3	0	3	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	**12**
		M	0	0	0	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**12**
3.Abdominal Wall Effect	**Q79.2-Q79.5**	**F**	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	**1**
4.Anencephaly	**Q00**	**F**	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
5.Renal Agenesis	**Q60**	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
B.Sudden Infant Death Syndromme	**R95**	**F**	0	0	0	2	3	1	0	0	1	0	0	1	1	1	1	2	0	0	0	1	2	1	0	3	20
		M	1	1	0	1	5	1	1	0	4	1	1	1	1	2	0	0	2	1	0	0	1	2	0	4	30

ANNEX 3: Neonatal Mortality According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Health District and Sex,2022

Cause	ICD10Codes	Sex	Bobirwa	Boteti	Chobe	Francistown	Gaborone	Ghanzi	Goodhope	Jwaneng	Kanye	Kgalagadi North	Kgalagadi South	Kgatleng	Kweneng East	Lobatse	Mahalapye	Moshupa	Ngamiland	North East	Okavango	Palapye	Selebi-Phikwe	Serowe	South East	Tutume	Grand Total
III. Injuries	**V01-Y89, U12.9**	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	**1**
		M	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	**2**
A.Unintentional Injuries	**V01-X59, Y40-Y86, Y88, Y89, U12.9**	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
1.Posionings	X40-X49	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
B.III Defined Injuries and Accidents	**Y10-Y34, Y872**	**F**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	**1**
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	**1**
Grand Total	**A00-Y99**	**F**	1	6	1	84	63	11	1	1	3	0	1	6	7	5	10	2	15	3	3	8	6	15	6	4	**262**
		M	1	9	3	86	89	8	1	1	5	4	9	8	9	8	7	0	15	1	2	4	2	14	3	9	**298**

ANNEX 4: Neonatal Mortality According to Global Burden of Diseases Study Classification System for Diseases and Injuries by Age and Sex, 2022

Cause	ICD10Codes	Sex	<1	01	02	03	04	05	06	07 - 27	28	Grand Total
I. Communicable, maternal, perinatal and nutritional conditions	**A00-B99, D50-D53, D64.9, E00-E02, E40-E46, E50-E64, G00-G04, G14, H65-H66, J00-J22, N70-N73, O00-O99, P00-P96, U04, U071, U072, U099, U109**	**F**	55	39	38	13	12	11	7	47	0	**222**
		M	70	49	36	19	8	10	6	48	1	**247**
A.Infectious and Parasitic Diseases	**A00-B99, G00-G04, G14, N70-N73, P37.3, P37.4**	**F**	0	0	0	0	0	0	0	3	0	**3**
		M	0	0	0	0	0	0	0	4	0	**4**
1.Diarrhoeal Diseases	A00, A01, A03, A04, A06-A09	**F**	0	0	0	0	0	0	0	3	0	**3**
		M	0	0	0	0	0	0	0	4	0	**4**
B.Respiratory Infections	**H65-H66, J00-J22, P23, U04, U07.1, U07.2, U09.9, U10.9**	**F**	0	0	0	0	0	0	0	3	0	**3**
		M	0	0	0	0	0	0	0	4	0	**4**
1.Lower respiratory infections	J09-J22, P23, U04	**F**	0	0	0	0	0	0	0	3	0	**3**
		M	0	0	0	0	0	0	0	4	0	**4**
C.Perinatal Conditions	**P00-P96 (minus P23, P37.3, P37.4)**	**F**	55	39	38	13	12	11	7	41	0	**216**
		M	70	49	36	19	8	10	6	40	1	**239**
1.Low Birth Weight	P05, P07	**F**	31	21	16	2	5	4	1	15	0	**95**
		M	35	24	18	8	1	7	2	15	0	**110**
2.Birth Asphyxia and birth trauma	P03, P10-P15, P20-P22, P24-P29	**F**	20	13	10	5	0	2	2	8	0	**60**
		M	23	15	10	4	2	2	1	9	0	**66**
3.Other perinatal conditions	P00-P02, P04, P08, P35-P96	**F**	4	5	12	6	7	5	4	18	0	**61**
		M	12	10	8	7	5	1	3	16	1	**63**
II. Non-communicable diseases	**C00-C97, D00-D48, D55-D64 (mInus D64.9) D65-D89, E03-E07, E10-E34, E65-E88, F01-F99, G06-G98 (minus G14), H00-H61, H68-H93, I00-I99, J30-J98, K00-K92, L00-L98, M00-M99, N00-N64, N75-N98, Q00-Q99, R95, U07.0**	**F**	11	5	5	1	2	1	1	13	0	**39**
		M	13	6	4	1	1	2	0	22	0	**49**
A.Congenital Anomalies	**Q00-Q99**	**F**	7	4	1	0	2	0	1	4	0	**19**
		M	9	2	2	1	0	2	0	3	0	**19**
1.Congenital Heart Anomalies	Q20-Q28	**F**	0	1	0	0	1	0	1	1	0	**4**
		M	1	0	2	1	0	0	0	1	0	**5**
2.Other congenital anomalies	Q01-Q04, Q06-Q18, Q30-Q34, Q38, Q392-Q399, Q40-Q41, Q43-Q56, Q61-Q78, Q790, Q791, Q796, Q798, Q799, Q80-Q89, Q91-Q99	**F**	5	3	1	0	0	0	0	3	0	**12**
		M	6	2	0	0	0	2	0	2	0	**12**
3.Abdominal Wall Effect	Q79.2-Q79.5	**F**	1	0	0	0	1	0	0	0	0	**2**
		M	1	0	0	0	0	0	0	0	0	**1**
4.Anencephaly	Q00	**F**	1	0	0	0	0	0	0	0	0	**1**
		M	0	0	0	0	0	0	0	0	0	**0**
5.Renal Agenesis	Q60	**F**	0	0	0	0	0	0	0	0	0	**0**
		M	1	0	0	0	0	0	0	0	0	**1**
B.Sudden Infant Death Syndromme	**R95**	**F**	4	1	4	1	0	1	0	9	0	**20**
		M	4	4	2	0	1	0	0	19	0	**30**
III. Injuries	**V01-Y89, U12.9**	**F**	0	1	0	0	0	0	0	0	0	**1**
		M	1	0	0	0	0	0	0	1	0	**2**
A.Unintentional Injuries	**V01-X59, Y40-Y86, Y88, Y89, U12.9**	**F**	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	0	0	0	1	0	**1**
1.Posionings	X40-X49	**F**	0	0	0	0	0	0	0	0	0	**0**
		M	0	0	0	0	0	0	0	1	0	**1**
B.Ill Defined Injuries and Accidents	**Y10-Y34, Y872**	**F**	0	1	0	0	0	0	0	0	0	**1**
		M	1	0	0	0	0	0	0	0	0	**1**
Grand Total	**A00-Y99**	**F**	**66**	**45**	**43**	**14**	**14**	**12**	**8**	**60**	**0**	**262**
		M	**84**	**55**	**40**	**20**	**9**	**12**	**6**	**71**	**1**	**298**

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