



MEDICAL CERTIFICATION OF CAUSES OF DEATH (MCCD)



MIZORAM

Office of the Addl. Chief Registrar of Births & Deaths
Directorate of Economics & Statistics
Planning & Programme Implementation Department
Government of Mizoram.

2023

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2023



OFFICE OF THE ADDL. CHIEF REGISTRAR OF BIRTHS & DEATHS
DIRECTORATE OF ECONOMICS & STATISTICS
PLANNING & PROGRAMME IMPLEMENTATION DEPARTMENT
GOVERNMENT OF MIZORAM

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Table of Contents

Preface	- - - - -	(i)
MCCD at a Glance	- - - - -	(ii)
District wise Classification of Medically classified deaths by leading causes	- -	(iii) - (iv)
A five leading causes of Medically certified deaths	- - - - -	(v)
Total number of Medically Certified Deaths for the last thirteen years	- - - - -	(vi)
List of Hospitals/Institutions submitting MCCD monthly return during 2023	- -	(vii)
Index	- - - - -	(viii)
Medically Certified Deaths by age and sex according to		
National List of Tenth Revision of ICD	- - - - -	1 - 40
Time Series data on MCCD (Major Group Wise Classification)	- - - - -	41- 44

(i)

PREFACE

The current publication on Medical Certification of Causes of Death (MCCD) for the year 2023 in respect of Mizoram State is the nineteenth in the series. The Report in its present form is the output of data processed in the software designed and supplied by the Office of the Registrar General of India, Ministry of Home Affairs, Government of India, New Delhi. Leading causes of death as per ICD-10 are presented in district wise.

Data in the present report of MCCD are coded in accordance with the 10th Revision of International Classification of Diseases (ICD-10).

This Report has been prepared on the basis of data on institutional deaths and some domiciliary cases, this report is mostly confined to 116 Hospitals / Institutions which submitted Monthly Returns on MCCD and some local RBD units.

I would like to express my appreciation to Officers and Staff of the Civil Registration System (CRS) Branch of this Directorate for their untiring efforts in coding and processing of the data. I thanked the Mission Director, National Health Mission, H&FW Department, Mizoram for financial and technical support. I also extend my deepest gratitude to all the Medical Officers of Hospitals / Medical Institutions

It may be worth mentioning that the percentage of MCCD data achieved so far out of the total registered death in Mizoram, presented in this report is not yet perfection, but is much higher than the percentage of National level. So, it is hoped that this report, will serve as useful tool for policy makers relating to health sectors, socio-economic planners, health planners, researchers, scholars, etc. Suggestions for further improvement of the Report are welcomed.

Dated : Aizawl,
The 26th March, 2024.



(B. LALRINHLUA)
Addl. Chief Registrar of Births & Deaths
&
Director
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Mizoram : Aizawl

MCCD AT A GLANCE

Medical Certification of Cause of Death (MCCD) scheme was proposed by WHO as an imperative tool to obtain scientific and reliable information in terms of causes of mortality. The scheme formulated by office of the Registrar General of India is a big step towards establishment of a system in the country for obtaining data on the cause of death. Reliable cause specific mortality statistics are required on a regular basis by Administrators, Policy Planners, Researchers and other Professionals for evidence based decision making with regard to resource allocation, monitoring of indicators, and identifying the priorities for programmed and other related activities in the area of Public Health. Keeping this in view, the Scheme of *Medical Certification of Cause of Death* was introduced in the Country under the provisions of Registration of Births and Deaths Act, 1969. Section 10 (2) of the Act empowers the State Government to enforce the provision relating to MCCD in specified areas taking into consideration the availability of medical facilities. Section 10 (3) of the Act provides for issuing a certificate of the cause of death by the medical practitioner who has attended on the deceased at the time of terminal illness.

The necessary data is collected in the prescribed form designed by World Health Organization (WHO) and are supposed to be filled-up by the medical professionals attending to the deceased at the time of terminal illness. Thereafter, these forms are to be sent to the Office of the Addl. Chief Registrar for tabulation as per National List based on International Classification of Cause of Death (ICD 10). The State subsequently sent it to the Office of the Registrar General of India, Ministry of Home Affairs, Govt. of India.

The report on Medical Certification of Cause of Death 2023 is based upon 3,930 (2,607 Males and 1,323 Females) medically certified deaths reported by 116 Government and Private Hospitals, UPHC, CHC, PHC and some local RBDs who submitted Monthly Returns on MCCD.

(iii)

During 2023, 2607 Males and 1323 Females deaths were recorded in the MCCD in Mizoram. The classification of medically certified deaths by leading causes as per International Classification of Disease 10th revision in district wise is presented as under.

Group No.	Name of Disease Group	Mizoram			Mamit			Kolasib			Aizawl		
		M	F	T	M	F	T	M	F	T	M	F	T
1	2	3	4	5	6	7	8	9	10	11	12	13	14
I	Certain Infectious And Parasitic Diseases (A00-B99)	281	151	432	6	1	7	12	4	16	193	112	305
II	Neoplasms (C00-D48)	272	170	442	0	5	5	9	11	20	199	114	313
III	Diseases of the blood and blood-forming organs and certain disorders involving the immune Mechanism (D50-D89)	14	8	22	0	0	0	2	0	2	7	5	12
IV	Endocrine,Nutritional and Metabolic Diseases.(E00-E89)	120	68	188	1	0	1	5	4	9	95	53	148
V	Mental and Behavioural Disorders. (F01-F99)	7	3	10	0	0	0	0	0	0	4	3	7
VI	Diseases of the nervous system. (G00-G98)	29	16	45	3	0	3	2	2	4	17	6	23
VII	Diseases of the eye and adnexa. (H00-H59)	0	0	0	0	0	0	0	0	0	0	0	0
VIII	Diseases of the ear and mastoid process. (H60-H95)	0	1	1	0	0	0	0	0	0	0	0	0
IX	Diseases of the circulatory system. (I00-I99)	439	260	699	4	1	5	36	18	54	296	167	463
X	Diseases of the respiratory system. (J00-J98)	376	240	616	11	8	19	42	18	60	190	134	324
XI	Diseases of the digestive system. (K00-K92)	566	138	704	13	2	15	38	11	49	395	98	493
XII	Diseases of the skin and subcutaneous tissue. (L00-L98)	1	0	1	0	0	0	0	0	0	1	0	1
XIII	Diseases of the musculoskeletal system and connective tissue. (M00-M99)	1	7	8	0	0	0	0	0	0	0	2	2
XIV	Diseases of the genitourinary system. (N00-N99)	192	99	291	1	1	2	12	6	18	136	68	204
XV	Pregnancy,childbirth and the puerperium. (O00-O99)	0	4	4	0	0	0	0	0	0	0	3	3
XVI	Certain Conditions originating in the perinatal period. (P00-P96)	74	53	127	0	2	2	4	6	10	48	35	83
XVII	Congenital malformation, deformations and chromosomal abnormalities (Q00-Q99)	5	7	12	0	0	0	0	1	1	5	3	8
XVIII	Symptoms,signs and abnormal, clinical and laboratory findings not elsewhere classified (R00-R99)	163	90	253	2	0	2	16	4	20	119	54	173
XIX	Injury,poisoning and certain other consequences of external causes (S00-T98)	56	7	63	0	0	0	3	0	3	35	6	41
XX	External causes of morbidity and mortality (V01-Y89)	11	1	12	0	0	0	2	0	2	7	0	7
XXI	Covid – 19 (U07.1- U07.2)	0	0	0	0	0	0	0	0	0	0	0	0
ALL CAUSES		2607	1323	3930	41	20	61	183	85	268	1747	863	2610

(iv)

Champhai			Serchhip			Lunglei			Lawngtlai			Siaha			Saitual			Khawzawl			Hnahthial		
M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
17	13	30	4	1	5	19	7	26	12	3	15	13	9	22	1	0	1	4	0	4	0	1	1
11	2	13	9	2	11	22	15	37	7	4	11	6	7	13	4	3	7	2	3	5	3	4	7
0	1	1	1	2	3	0	0	0	3	0	3	1	0	1	0	0	0	0	0	0	0	0	0
0	1	1	3	2	5	8	4	12	0	3	3	7	0	7	0	1	1	0	0	0	1	0	1
1	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
1	1	2	2	0	2	1	4	5	2	1	3	0	1	1	1	1	2	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	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
16	14	30	8	6	14	32	29	61	9	3	12	19	9	28	9	6	15	7	5	12	3	2	5
32	22	54	13	7	20	41	19	60	12	9	21	10	3	13	6	10	16	10	6	16	9	4	13
33	10	43	7	6	13	32	6	38	12	2	14	17	2	19	6	1	7	5	0	5	8	0	8
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	0	0	0	2	2	0	0	0	1	2	3	0	1	1	0	0	0	0	0	0
6	5	11	1	2	3	23	8	31	5	2	7	7	6	13	1	0	1	0	1	1	0	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
7	1	8	0	1	1	6	7	13	0	0	0	7	1	8	2	0	2	0	0	0	0	0	0
0	0	0	0	0	0	0	1	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
5	6	11	2	1	3	11	17	28	0	1	1	8	5	13	0	2	2	0	0	0	0	0	0
2	0	2	2	0	2	4	0	4	2	0	2	4	0	4	2	1	3	1	0	1	1	0	1
0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	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	0	0	0	0	0	0
131	78	209	52	30	82	200	120	320	64	28	92	102	47	149	32	26	58	30	15	45	25	11	36

(v)

The following are five leading causes constituting around 73.6 % of total medically certified deaths:

- I. Diseases of the Digestive system (17.9 %).
- II. Diseases of the Circulatory System (17.8 %).
- III. Disease of the Respiratory System (15.7 %).
- IV. Neoplasms (11.2 %).
- V. Certain Infectious and Parasitic Diseases (11 %).

- The top leading cause group during 2023 is Diseases ***of the Digestive system*** contributing 17.9% of the total deaths. Diseases of the Liver (*Alcoholic, Toxic, Hepatitis, Cirrhosis & other diseases of liver*) 14 % of the total death.
- The Second leading cause group during 2023 is Diseases ***of the Circulatory system*** contributing 17.8% of the total deaths.
- The third leading cause group is ***Diseases of the Respiratory system*** accounting for 15.7. % of the total deaths.
- Under the fourth leading group ***Neoplasms (cancer)*** 11.2 % of the total medically certified deaths, of which *Malignant Neoplasm of trachea, bronchus, and lung*) accounts for 2.4%.
- The Fifth leading cause group Certain Infectious and Parasitic Diseases accounting 11% of the total medically certified deaths, of which *Septicemia* accounts for 6.3%.

(vi)

Total Numbers of Medically Certified Deaths for the Last Thirteen Years

Year	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>
Male	2607	2656	2415	2180	2,125	2,149	2,062	1,824	1,871	1,953	1,639	1,837	1,701
Female	1323	1408	1320	1138	1,317	1,131	972	880	908	1,059	941	978	840
Total	3930	4064	3735	3318	3,442	3,280	3,034	2,704	2,779	3,012	2,580	2,815	2,541

(vii)

List of Hospitals / Institutions Submitted MCCD monthly returns during 2023.

Total Numbers of Hospitals / Institutions = 116.

Total Numbers of Hospitals / Institutions Submitted Reports = 116.

Mamit District

1. District Hospital, Mamit.
2. Kawrthah CHC.
3. Kawrtehawveng PHC.
4. W.Phaileng PHC.
5. Zawlnuam PHC.
6. Reiek PHC.
7. Kanghmun PHC.
8. Rawpuichhip PHC.
9. Phuldungsei PHC.
10. Marpara PHC.

Kolasib District

1. District Hospital, Kolasib.
2. Vairengte CHC.
3. Bilkhawthlir PHC.
4. Kawnpui PHC.
5. Bukpui PHC.
6. Lungdai PHC.
7. Bairabi PHC.
8. Nazareth Nursing Home.

Aizawl District

1. Civil Hospital, Aizawl.
2. Kulikawn Hospital, Aizawl.
3. Mizoram State Cancer Institute.
4. Referral Hospital, Falkawn.
5. Thingsulthliah CHC.
6. Lengpui CHC.
7. Sakawrdai CHC.
8. Hlimen UPHC.
9. ITI UPHC.
10. Lawipu UPHC.
11. Zemabawk UPHC.
12. Chawlhhmun UPHC.
13. Sihphir UPHC.

14. Aibawk PHC.
15. Sialsuk PHC
16. Khawruhlian PHC.
17. Sairang PHC.
18. Darlawn PHC.
19. Synod Hospital, Durtlang.
20. Green wood Hospital Aizawl.
21. LRM Hospital Aizawl.
22. Agape Multispecialty Hospital, Aizawl.
23. Nazareth Hospital, Chaltlang.
24. City Hospital.
25. Nazareth Hospital, Ramhlun 'N'.
26. Ebenezer Medical Centre, Aizawl
27. Aizawl Hospital & Research Centre.
28. BN Hospital, Aizawl.
29. Alpha Hospital, Aizawl
30. Adventist Hospital, Aizawl.
31. Grace Nursing Home, Aizawl.
32. Care Hospital & Research Centre, Aizawl.
33. Trinity Hospital, Silaimual.
34. Redeem Hospital Aizawl.

Champhai Hospital

1. District Hospital, Champhai.
2. Hnahanl PHC.
3. Khawbung PHC.
4. Bungzung PHC.
5. Sesih PHC.
6. Farkawn PHC.
7. DM Hospital.
8. Med-Aim Hospital.

Serchhip District

1. District Hospital, Serchhip.
2. Chhingchhip PHC.

3. Thenzawl PHC.
4. Ngentiang PHC.
5. East Lungdar PHC.
6. Khawlailung PHC.
7. N. Vanlaiphai PHC.
8. Mercy Hospital.

Saiha District

1. District Hospital, Saiha.
2. Phura PHC.
3. Chakhang PHC.
4. Tuipang PHC.
5. Chhuarlung PHC.
6. Maraland Gospel Centenary Hospital.

Saitual District

1. District Hospital, Saitual.
2. Ngopa CHC.
3. Phuaibuang PHC.
4. Phullen PHC.
5. Suangpuilawn PHC.
6. Mimburg PHC.
7. NE Khawdungsei PHC.

Hnahthial District

1. District Hospital Hnahthial.
2. Cherhlun PHC.
3. Chhiphir PHC.
4. Pangzawl PHC.
5. S. Vanlaiphai PHC.
6. Thingsai PHC.

Khawzawl District

1. District Hospital Khawzawl.
2. Khawhai PHC.
3. Kawlkulh PHC.
4. Sialhawk PHC.
5. Rabung PHC.
6. Biate CHC.

INDEX

Major Group No	Causes of Death	ICD Code	Page No
I	Certain Infectious and Parasitic Diseases.	(A00 - B99)	1 - 6
II	Neoplasms.	(C00 - D48)	6 - 11
III	Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism.	(D50 - D89)	12
IV	Endocrine, Nutritional and Metabolic Diseases.	(E00 - E89)	12 - 13
V	Mental and Behavioural Disorders.	(F01 - F99)	14
VI	Diseases of the Nervous System.	(G00 - G98)	14 - 15
VII	Diseases of the eye and adnexa.	(H00 - H59)	15
VIII	Diseases of the ear and mastoid process.	(H60 - H95)	16
IX	Diseases of the circulatory system.	(100 - 199)	16 - 18
X	Diseases of the respiratory system.	(J00 - J98)	18 - 20
XI	Diseases of the Digestive system.	(K00 - K92)	20 - 21
XII	Diseases of the skin and subcutaneous tissue.	(L00 - L98)	21 - 22
XIII	Diseases of the musculoskeletal system and connective tissue.	(M00 - M99)	22
XIV	Diseases of the genitourinary system.	(N00 - N99)	23 - 24
XV	Pregnancy, childbirth and the puerperium.	(O00 - O99)	24 - 25
XVI	Certain conditions originating in the perinatal period.	(P00 - P96)	25 - 26
XVII	Congenital malformation, deformations and chromosomal abnormalities.	(Q00 - Q99)	26 - 27
XVIII	Symptoms, signs and abnormal, clinical and laboratory findings not elsewhere classified.	(R00 - R99)	27 - 28
XIX	Injury, poisoning and certain other consequences of external causes.	(S00 - T98)	29 - 34
XX	External causes of morbidity and mortality.	(V01 - Y89)	34 - 39
XXI	Covid – 19	(U07.1 – U07.2)	40
Time series data on MCCD (Major Group Wise Classification)			41 - 44

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
9	Acute Hepatitis-B (B16)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
10	Other viral hepatitis (B15,B17-B19)	M	o	1	o	1	3	4	2	o	o	o	o	11
		F	o	o	o	o	o	1	o	o	o	o	o	1
11	Human immunodeficiency virus[HIV] disease (B20-B24)	M	o	o	o	3	8	5	5	o	o	o	o	21
		F	1	o	o	3	4	2	4	1	o	o	o	15
12	All other types of viral diseases (A70-A74,A81,A87-A89,A95,B00-B02,B04,B06-B09 & B25-B34)	M	o	o	o	o	1	1	o	o	o	o	o	2
		F	o	o	o	o	o	o	o	o	o	o	o	0
6	Protozal Diseases(B50-B64)	M	0	0	3	1	5	0	2	1	0	0	0	12
		F	0	0	1	2	0	1	1	0	0	0	0	5
1	Malaria (B50-B54)	M	o	o	3	1	5	o	2	1	o	o	o	12
		F	o	o	1	2	o	1	1	o	o	o	o	5
2	All other types of protozoal diseases (B55-B64)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
7	<i>Other Certain infectious and parasitic diseases & late effects of infectious and parasitic diseases</i> (A65-A69 & A75-A79,B35-B49,B65-B94 & B99)	M	0	1	0	2	4	3	8	5	2	6	0	31
		F	1	0	0	0	1	2	0	3	0	5	0	12

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Filariasis (B74)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
2	Other helminthiasis (B65-B73,B75,B77-B83)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
3	Other spirochaetal diseases and rickettsioses (A65-A69 & A75-A79)	M	o	1	o	2	3	3	8	5	2	6	o	30
		F	o	o	o	o	1	2	o	3	o	5	o	11
4	All other infectious and parasitic diseases & late effects of infectious and parasitic diseases (B35-B49,B65,B76,B85-B94 & B99)	M	o	o	o	o	1	o	o	o	o	o	o	1
		F	1	o	o	o	o	o	o	o	o	o	o	1
II	Neoplasms (C00-D48)	M	0	2	3	3	4	19	46	81	36	78	0	272
		F	1	2	3	3	4	19	32	33	21	52	0	170
8	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	M	0	0	0	0	0	1	4	9	3	7	0	24
		F	1	0	0	0	0	0	0	0	2	2	0	5
1	Malignant neoplasms of lip,oral cavity and pharynx (C00-C14)	M	o	o	o	o	o	1	4	9	3	7	o	24
		F	1	o	o	o	o	o	o	o	2	2	o	5
9	Malignant neoplasms of digestive organs (C15-C26)	M	0	1	0	0	2	10	35	46	18	38	0	150
		F	0	0	0	1	0	3	14	17	11	15	0	61

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Malignant neoplasm of oesophagus (C15)	M	o	o	o	o	o	5	20	22	8	11	o	66
		F	o	o	o	1	o	2	6	4	5	1	o	19
2	Malignant neoplasm of stomach (C16)	M	o	o	o	o	1	3	4	13	8	14	o	43
		F	o	o	o	o	o	1	4	3	1	2	o	11
3	Malignant neoplasm of small intestine including duodenum (C17)	M	o	o	o	o	o	o	1	o	o	o	o	1
		F	o	o	o	o	o	o	o	o	o	o	o	0
4	Malignant neoplasm of colon (C18)	M	o	o	o	o	o	o	1	2	o	4	o	7
		F	o	o	o	o	o	o	1	1	o	2	o	4
5	Malignant neoplasm of rectosigmoid junction,rectum,anus and anal canal (C19-C21)	M	o	o	o	o	o	o	1	1	o	2	o	4
		F	o	o	o	o	o	o	1	1	o	1	o	3
6	Malignant neoplasm of liver and intrahepatic bile ducts (C22)	M	o	1	o	o	1	1	5	4	2	3	o	17
		F	o	o	o	o	o	o	1	2	2	2	o	7
7	Malignant neoplasm of pancreas (C25)	M	o	o	o	o	o	o	o	1	o	1	o	2
		F	o	o	o	o	o	o	o	2	2	o	o	4
8	Other malignant neoplasms of digestive organs (C23-C24,C26)	M	o	o	o	o	o	1	3	3	o	3	o	10
		F	o	o	o	o	o	o	1	6	1	5	o	13
10	<i>Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)</i>	M	0	0	0	0	0	5	4	17	13	20	0	59
		F	0	0	0	0	0	0	1	4	3	27	0	35

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Malignant neoplasm of larynx (C32)	M	o	o	o	o	o	o	o	o	o	1	o	1
		F	o	o	o	o	o	o	o	o	o	o	o	0
2	Malignant neoplasm of trachea,bronchus and lung (C33-C34)	M	o	o	o	o	o	5	4	17	13	19	o	58
		F	o	o	o	o	o	o	1	4	3	27	o	35
3	Other Malignant neoplasm of respiratory and intrathoracic organs (C30-C31,C37-C39)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
11	Malignant neoplasms of bone,mesothelial and soft tissue ,skin and breast (C40-C50)	M	0	0	0	2	0	1	0	0	0	0	0	3
		F	0	0	0	0	1	4	4	3	1	3	0	16
1	Malignant neoplasm of bone & articular cartilage (C40-C41)	M	o	o	o	2	o	o	o	o	o	o	o	2
		F	o	o	o	o	o	o	o	o	o	o	o	0
2	Malignant melanoma of skin (C43)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
3	Other malignant neoplasms of skin (C44)	M	o	o	o	o	o	1	o	o	o	o	o	1
		F	o	o	o	o	o	o	o	o	o	o	o	0
4	Malignant neoplasms of mesothelial and soft tissue (C45-C49)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
5	Malignant neoplasm of breast (C50)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	1	4	4	3	1	3	o	16

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Kwashiorkor (E40)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
2	Nutritional marasmus (E41)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
3	Other protein-energy malnutrition (E42-E46)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	1	o	o	o	o	o	o	o	o	o	o	1
21	<i>Endocrine,other nutritional and metabolic diseases (E00-E34 & E50-E89)</i>	M	3	0	0	1	6	27	21	22	11	29	0	120
		F	1	1	1	2	0	8	9	11	8	26	0	67
1	Disorders of thyroid gland (E00-E07)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	1	o	1
2	Diabetes mellitus (E10-E14)	M	o	o	o	o	4	8	11	17	9	23	o	72
		F	o	1	o	o	o	2	4	10	6	20	o	43
3	All other nutritional deficiencies (E50-E64)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	1	o	o	o	o	o	o	o	o	o	o	1
4	All other endocrine and metabolic diseases (E15-E34 & E65-E89)	M	3	o	o	1	2	19	10	5	2	6	o	48
		F	o	o	1	2	o	6	5	1	2	5	o	22

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
V	Mental and Behavioural Disorders (F01-F99)	M	0	0	0	0	3	1	2	1	0	0	0	7
		F	0	0	0	0	0	2	1	0	0	0	0	3
22	<i>Mental and behavioural disorders (F01-F99)</i>	M	0	0	0	0	3	1	2	1	0	0	0	7
		F	0	0	0	0	0	2	1	0	0	0	0	3
1	Mental and behavioural disorders due to psychoactive substance use (F10-F19)	M	o	o	o	o	3	1	1	o	o	o	o	5
		F	o	o	o	o	o	2	1	o	o	o	o	3
2	Schizophrenia,schizotypal & delusional disorders (F20-F29)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
3	All other mental and behavioural disorders (F01-F09,F30-F99)	M	o	o	o	o	o	o	1	1	o	o	o	2
		F	o	o	o	o	o	o	o	o	o	o	o	0
VI	Diseases of the nervous system (G00-G98)	M	9	1	5	0	3	4	3	1	0	3	0	29
		F	5	1	1	0	2	5	1	1	0	0	0	16
23	<i>Inflammatory diseases of the central nervous system (G00-G09)</i>	M	7	1	2	0	0	2	1	1	0	0	0	14
		F	5	1	0	0	2	4	1	1	0	0	0	14
1	Meningitis (G00 & G03)	M	6	1	2	o	o	1	o	1	o	o	o	11
		F	5	1	o	o	2	o	1	1	o	o	o	10
2	Encephalitis,myelitis and encephalomyelitis (G04)	M	1	o	o	o	o	1	1	o	o	o	o	3
		F	o	o	o	o	o	3	o	o	o	o	o	3

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
VIII	Diseases of the ear and mastoid process (H60-H95)	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	1	0	0	0	1
26	<i>Diseases of the ear and mastoid process (H60-H95)</i>	M	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	1	0	0	0	1
1	Diseases of the ear and mastoid process (H60-H95)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	1	o	o	o	1
IX	Diseases of the circulatory system (I00-I99)	M	7	3	5	16	40	60	58	64	29	157	0	439
		F	4	5	3	11	13	27	32	50	28	87	0	260
27	<i>Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)</i>	M	0	0	0	1	0	0	0	0	0	0	0	1
		F	0	0	0	0	0	0	0	0	0	0	0	0
1	Acute rheumatic fever (I00-I02)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
2	Chronic rheumatic heart diseases (I05-I09)	M	o	o	o	1	o	o	o	o	o	o	o	1
		F	o	o	o	o	o	o	o	o	o	o	o	0
28	<i>Hypertensive diseases (I10-I15)</i>	M	0	0	0	0	1	2	13	8	5	31	0	60
		F	0	0	0	1	1	7	5	10	5	16	0	45
1	Hypertensive heart diseases (I11)	M	o	o	o	o	o	o	o	o	o	1	o	0
		F	o	o	o	o	o	o	o	o	o	1	o	1

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	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	o	o	o	o	1	2	13	8	5	31	o	60
		F	o	o	o	1	1	7	5	10	5	15	o	44
29	<i>Ischaemic heart diseases (I20-I25)</i>	M	0	0	0	1	2	5	5	7	3	16	0	39
		F	0	0	0	1	0	0	1	2	6	13	0	23
1	Acute myocardial infarction (I21-I22)	M	o	o	o	1	2	5	5	7	3	11	o	34
		F	o	o	o	o	o	o	1	2	5	9	o	17
2	All other ischaemic heart diseases (I20 & I23-I25)	M	o	o	o	o	o	o	o	o	o	5	o	5
		F	o	o	o	1	o	o	o	o	1	4	o	6
30	<i>Diseases of pulmonary circulation and other forms of heart diseases (I26-I51)</i>	M	7	3	5	9	26	41	26	24	13	63	0	217
		F	4	5	2	8	7	16	10	20	2	34	0	108
1	<i>Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)</i>	M	o	o	o	o	o	3	1	1	o	3	o	8
		F	o	o	o	o	o	1	o	1	o	2	o	4
2	Other forms of heart diseases (I30-I51)	M	7	3	5	9	26	38	25	23	13	60	o	209
		F	4	5	2	8	7	15	10	19	2	32	o	104
31	<i>Cerebrovascular diseases (I60-I69)</i>	M	0	0	0	5	10	12	13	22	8	44	0	114
		F	0	0	1	1	5	4	16	17	15	23	0	82

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Pneumonia (J12-J18)	M	12	7	6	8	10	11	17	10	7	18	o	106
		F	13	11	4	4	3	9	4	2	2	12	o	64
3	Pleurisy (J90)	M	o	o	o	o	1	o	o	o	o	1	o	2
		F	o	o	o	2	o	1	o	o	o	2	o	5
4	All other diseases of the respiratory system (J60-J86,J92-J98)	M	10	5	2	6	13	19	19	20	11	24	o	129
		F	3	1	4	6	4	7	2	7	6	18	o	58
XI	Diseases of the digestive system (K00-K92)	M	3	0	0	14	103	186	165	59	14	22	0	566
		F	1	0	0	6	17	36	37	21	5	15	0	138
36	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	0	0	0	0	2	0	0	0	0	0	0	2
		F	0	0	0	0	0	0	0	0	0	0	0	0
1	Diseases of oral cavity, salivary glands and jaws (K00-K14)	M	o	o	o	o	2	o	o	o	o	o	o	2
		F	o	o	o	o	o	o	o	o	o	o	o	0
37	Diseases of the other parts of digestive system (K20-K92)	M	3	0	0	14	101	186	165	59	14	22	0	564
		F	1	0	0	6	17	36	37	21	5	15	0	138
1	Gastric and duodenal ulcer (K25-K27)	M	o	o	o	o	o	1	o	2	o	o	o	3
		F	o	o	o	o	o	o	o	o	o	o	o	0
2	Gastritis and duodenitis (K29)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
3	Diseases of appendix (K35-K38)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	1	o	1

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	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	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
2	All other diseases of the skin and subcutaneous tissue (L10-L98)	M	o	o	o	o	o	o	o	o	o	1	o	1
		F	o	o	o	o	o	o	o	o	o	o	o	0
XIII	Diseases of the musculoskeletal system and connective tissue (M00-M99)	M	0	0	0	0	0	0	1	0	0	0	0	1
		F	0	0	0	2	2	1	2	0	0	0	0	7
39	Diseases of the musculoskeletal system and connective tissue (M00-M99)	M	0	0	0	0	0	0	1	0	0	0	0	1
		F	0	0	0	2	2	1	2	0	0	0	0	7
1	Rheumatoid arthritis and other inflammatory polyarthropathies (M05-M13)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
2	Osteomyelitis (M86)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	o	o	0
3	All other diseases of the musculoskeletal system and connective tissue (M00-M02,M15-M43,M45-M85,M87-M99)	M	o	o	o	o	o	o	1	o	o	o	o	1
		F	o	o	o	o	2	2	1	2	o	o	o	7

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Ascites (R18)	M	o	o	o	o	2	o	o	1	o	o	o	3
		F	o	o	o	o	1	o	1	o	o	o	o	2
3	Somnolence,stupor and coma (R40)	M	o	o	o	o	o	o	o	o	o	o	o	0
		F	o	o	o	o	o	o	o	o	o	1	o	1
4	Fever of unknown origin (R50)	M	o	o	1	1	o	o	o	o	o	o	o	2
		F	o	o	1	o	o	o	o	o	o	o	o	1
5	Senility (R54)	M	o	o	o	o	o	o	o	o	o	1	o	1
		F	o	o	o	o	o	o	o	o	o	1	o	1
6	Syncope and collapse (R55)	M	o	o	o	2	o	1	1	1	o	o	o	5
		F	o	o	o	o	o	o	o	o	o	o	o	0
7	Convulsion, not elsewhere classified (R56)	M	o	o	2	o	2	o	o	o	o	1	o	5
		F	o	o	o	o	o	o	o	o	o	o	o	0
8	Shock, not elsewhere classified (R57)	M	1	o	2	4	11	7	9	13	4	18	o	69
		F	6	o	2	7	4	4	2	9	1	11	o	46
9	All other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R09,R11-R17,R19-R39,R41-R49,R51-R53,R58-R99)	M	5	5	3	4	9	13	12	11	2	11	o	75
		F	5	1	2	4	4	6	4	7	2	4	o	39

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP											
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	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	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0
52	<i>Other injuries of specified,unspecified and multiple body regions (S00-S01,S05,S09-S11,S15-S16,S19-S21,S25,S29-S31,S35,S39-S41,S45-S46,S49-S51,S55-S56,S59-S61,S65-S66,S69-S71,S75-S76,S79-S81,S85-S86,S89-S91,S95-S96,S99,T00-T01,T06-T07,T09,T11 & T13-T14)</i>	M	0	0	1	5	5	0	6	1	0	2	0	20
		F	0	0	0	0	0	0	1	2	0	0	1	0

MG/ Cat/ SC	CAUSE OF DEATH	Sex	AGE - GROUP													
			< 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-69	70+	N.S.	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
XXI	COVID-19 (u07.1- u07.2)	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		
59	COVID-19 (U07.1- U07.2)	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		
ALL CAUSES (MAJOR GROUP I TO XXI)			M	145	33	48	98	312	453	464	377	150	527	0	2607	
			F	115	30	31	66	89	172	168	190	102	360	0	1323	
ALL CAUSES (MAJOR GROUP I TO XXI)			Total	260	63	79	164	401	625	632	567	252	887	0	3930	

MEDICALLY CERTIFIED DEATHS BY SEX ACCORDING TO MAJOR CAUSE GROUPS TENTH REVISION OF ICD

Major Group No.	Cause of Death	Sex	TIME SERIES															
			2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
I	Certain Infectious And Parasitic Diseases	Male	281	263	205	309	300	316	258	260	287	350	263	404	353	350	490	415
		Female	151	151	117	185	226	182	123	158	157	209	148	186	198	194	315	285
		Total	432	414	322	494	526	498	381	418	444	559	411	590	551	544	805	700
II	Neoplasms	Male	272	227	238	267	316	245	270	209	221	151	107	135	151	109	87	91
		Female	170	147	136	157	219	162	169	122	119	80	66	89	78	74	58	70
		Total	442	374	374	424	535	407	439	331	340	231	173	224	229	183	145	161
III	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	Male	14	21	38	12	25	6	4	7	12	9	7	15	13	17	17	4
		Female	8	9	33	15	17	7	8	9	3	5	6	7	12	8	9	6
		Total	22	30	71	27	42	13	12	16	15	14	13	22	25	25	26	10
IV	Endocrine, Nutrition al and Metabolic Diseases	Male	120	111	86	48	48	28	42	30	49	46	36	35	48	32	24	20
		Female	68	61	65	28	27	14	14	14	27	25	20	28	25	16	18	14
		Total	188	172	151	76	75	42	56	44	76	71	56	63	73	48	42	34

Major Group No.	Cause of Death	Sex	Time Series															
			2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
V	Mental and Behavioural Disorders	Male	7	15	12	5	9	14	14	4	3	2	7	13	38	3	11	2
		Female	3	6	3	0	0	0	1	2	1	0	2	0	12	0	1	0
		Total	10	21	15	5	9	14	15	6	4	2	9	13	50	3	12	2
VI	Diseases of the nervous system	Male	29	32	43	31	54	32	35	52	56	84	94	97	65	45	113	81
		Female	16	18	32	25	36	50	21	34	33	60	86	68	43	51	76	78
		Total	45	50	75	56	90	82	56	86	89	144	180	165	108	96	189	159
VII	Diseases of the eye and adnexa	Male	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
		Female	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
VIII	Diseases of the ear and mastoid process	Male	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
		Female	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0
IX	Diseases of the circulatory system	Male	439	427	376	399	315	353	331	270	250	291	248	226	222	202	201	140
		Female	260	210	187	180	201	169	146	116	134	149	123	108	85	70	86	90
		Total	699	637	563	579	516	522	477	386	384	440	371	334	307	272	287	230
X	Diseases of the respiratory system	Male	376	379	202	274	279	243	237	258	248	221	194	286	241	214	339	232
		Female	240	246	165	182	217	195	167	141	151	154	103	187	143	162	244	178
		Total	616	625	367	456	496	438	404	399	399	375	297	473	384	376	583	410

Major Group No.	Cause of Death	Sex	TIME SERIES															
			2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
XI	Diseases of the digestive system	Male	566	536	438	434	445	520	478	367	371	346	249	286	194	248	214	184
		Female	138	188	140	121	109	120	99	98	68	82	71	82	62	64	58	59
		Total	704	724	578	555	554	640	577	465	439	428	320	368	256	312	272	243
XII	Diseases of the skin and subcutaneous tissue	Male	1	1	3	2	1	5	4	1	1	2	0	2	2	3	1	2
		Female	0	2	2	0	0	1	0	2	0	0	1	0	0	2	3	2
		Total	1	3	5	2	1	6	4	3	1	2	1	2	2	5	4	4
XIII	Diseases of the musculoskeletal system and connective tissue	Male	1	3	1	0	1	0	2	2	3	1	1	0	0	2	6	2
		Female	7	5	9	8	2	5	5	4	9	8	8	3	6	9	6	2
		Total	8	8	10	8	3	5	7	6	12	9	9	3	6	11	12	4
XIV	Diseases of the genitourinary system	Male	192	195	124	89	97	127	113	78	93	85	80	76	68	73	65	46
		Female	99	108	81	57	69	51	52	46	53	39	44	43	43	32	39	29
		Total	291	303	205	146	166	178	161	124	146	124	124	119	111	105	104	75
XV	Pregnancy, childbirth and the puerperium	Female	4	6	5	8	8	7	1	7	4	6	4	8	1	5	7	12
		Total	4	6	5	8	8	7	1	7	4	6	4	8	1	5	7	12
XVI	Certain Conditions originating in the perinatal period	Male	74	88	118	76	52	87	83	91	120	195	206	120	138	189	92	53
		Female	53	74	79	63	73	86	87	68	96	166	205	119	92	152	88	65
		Total	127	162	197	139	125	173	170	159	216	361	411	239	230	341	180	118

Major Group No.	Cause of Death	Sex	Time Series																
			2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	
XVII	Congenital malformation, deformations and chromosomal abnormalities	Male	5	9	5	17	14	14	8	5	7	13	13	7	7	5	5	5	
		Female	7	7	12	8	17	7	12	6	9	11	14	9	3	10	5	2	
		Total	12	16	17	25	31	21	20	11	16	24	27	16	10	15	10	7	
XVIII	Symptoms, signs and abnormal, clinical and laboratory findings not elsewhere classified	Male	163	149	113	116	88	72	92	103	64	53	46	52	79	78	80	115	
		Female	90	96	51	70	68	48	49	33	25	41	15	27	26	52	49	73	
		Total	253	245	164	186	156	120	141	136	89	94	61	79	105	130	129	188	
XIX	Injury, poisoning and certain other consequences of external causes	Male	56	86	63	80	71	72	75	65	71	85	81	82	78	88	49	44	
		Female	7	27	16	27	22	25	14	17	17	20	28	13	11	22	16	13	
		Total	63	113	79	107	93	97	89	82	88	105	109	95	89	110	65	57	
XX	External causes of morbidity and mortality	Male	11	20	86	13	9	15	16	22	15	19	8	1	4	4	5	3	
		Female	1	1	57	3	5	2	4	3	2	4	2	1	0	0	5	1	
		Total	12	21	143	16	14	17	20	25	17	23	10	2	4	4	10	4	
XXI	COVID-19	Male	0	94	260	7	-	-	-	-	-	-	-	-	-	-	-	-	
		Female	0	45	130	1	-	-	-	-	-	-	-	-	-	-	-	-	
		Total	0	139	390	8	-	-	-	-	-	-	-	-	-	-	-	-	
ALL CAUSES		Male	2607	2656	2415	2180	2125	2149	2062	1824	1871	1953	1640	1837	1701	1662	1828	1439	
		Female	1323	1408	1320	1138	1317	1131	972	880	908	1059	946	978	840	923	1097	979	
		Total	3930	4064	3735	3318	3442	3280	3034	2704	2779	3012	2580	2815	2541	2585	2925	2418	



**Office of the Addl. Chief Registrar of Births & Deaths
Directorate of Economics & Statistics
Planning & Programme Implementation Department
Government of Mizoram**

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