stats sa

Department:
Statistics South Africa
REPUBLIC OF SOUTH AFRICA

Mortality and causes of death in South Africa, Trends data 1997–2017

Metadata
(Public version)

NDP
2030

The metadata file contains the following information for each variable:

- **Descriptive name of variables:**
  A brief description of the variable name.

- **Variable name:**
  The name of the variable (provided in brackets) and as heading for the value labels.

- **Type and position of the variable:**
  The type and position of a variable within a record is recorded in the format *type (@xxx L)*. The *type* specifies if the variable is a numeric or a character (string/alphanumeric variables). *@xxx* indicates the *position* (column) at which the variable starts. *L* indicates the length of the field.

- **Note to users:**
  The note is provided for each variable to provide additional information for further clarity on questions and definition of concepts.

Other relevant information is available on the Statistics South Africa website (www.statssa.gov.za) or from User Information Services:

- Statistical release on Mortality and causes of death in South Africa, 1997–2003: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2004: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2005: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2006: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2007: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2008: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2009: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2010: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2011: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2012: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2013: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2014: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2015: Findings from death notification
- Statistical release on Mortality and causes of death in South Africa, 2016: Findings from death notification

- ▪ Statistical release on Mortality and causes of death in South Africa, 2017: Findings from death notification

Methodology

1. System design

The registration of deaths is governed by the Births and Deaths Registration Act, 1992 (Act No. 51 of 1992 as amended), and is administered by the Department of Home Affairs using Forms BI-1663 and DHA-1663 (Notification/Register of death/stillbirth). After a death is registered, the Department of Home Affairs issues a death certificate and, where applicable, updates the population register. The forms are then collected by Statistics South Africa (Stats SA) for processing.

The processing of death notification forms includes sorting, pasting, pre-coding, coding and capturing. The process of sorting involves sorting the forms by year of death, month, day and finally by surname of the deceased in alphabetical order. The main purpose of sorting is to identify and remove duplicates. During data processing, unique identifiers (serial numbers) are developed for each form for the purpose of tracking the forms through the different processing phases. Because of the complexity of the coding of diseases, Stats SA decided that all demographic and socio-economic variables on the forms, except the actual causes of death, should be pre-coded to expedite the process. Thereafter, the causes of death are manually coded.

Coding the information on causes of death followed a two-step process entailing initial coding and verification by more experienced coders. The causes of death data presented were coded by procedures described in the Stats SA manual guidelines for coders using ICD-10. The ICD-10 (10th revision of the International Classification of Diseases and Related Health Problems) coding provides the basic guidance used in virtually all countries to code and classify causes of death data. It provides information on coding in terms of disease, injury and poisoning categories. It also provides the rules for selecting the underlying cause of death from the several diagnoses that may be reported on the death certificate, as well as definitions, tabulation lists, guidelines for the death notification form, and regulations on the use of the classification.

After all processes have been undertaken, the data are captured and duplicates are verified to ensure that all the death notification forms removed as duplicates during sorting were indeed duplicates, and to identify any that were mistakenly taken out as duplicates. The data are then edited and inconsistent cases manually verified.

The underlying cause of death is then derived automatically using a software programme called Automated Classification of Medical Entities (ACME 2011) developed by the United States National Center for Health Statistics (NCHS). The ACME program applies World Health Organization rules on the selection of underlying causes of death. The ACME program is used as the international standard in the automated coding of causes of death. Additional software (IRIS) was used to derive the underlying cause of death. IRIS is an automated system for coding multiple causes of death and for the selection of the underlying cause of death. IRIS is based on the international form of death certificate provided by the World Health Organization (WHO), and coding of causes of death follows ICD-10 rules and guidelines.

The Stats SA coding manual prescribes the use of three-character codes while the ACME program requires four-character codes in deriving the underlying cause of death. A conversion program was therefore applied to the codes for the ACME system to recognise the data as valid input. In most of the cases, the fourth character was '9' or '8', indicating that the detail of the coded disease was not specified.

The preparation of the ACME 2011 input file involved the following:
a) Conversion of the captured ICD-10 codes into the required ACME format.
b) Comparison of coded value sets for the up to five causes of death (Cause A, B, C, D and other causes of death, with the associated injury when necessary) with the valid value sets in the ACME instruction manual, and editing where necessary.

2. Coverage

The target population is all deaths that occurred in the period 1997–2017 and registered at the Department of Home Affairs. It therefore excludes deaths that might not be registered for 2017, and deaths that have been registered, but had not reached Stats SA during the 2018/2019 processing phase.

3. Confidentiality

The information remains confidential to Stats SA. The Statistics Act, 1999 (Act No. 6 of 1999) prohibits the disclosure of information regarding individuals to any person concerned or his/her lawful representative. Therefore, the information on mortality and causes of death published does not include personal information about the deceased or informants, and is released in such a way that no individual can be identified.

4. Contents of the CD

The data file provided contains 49 variables.

Users are cautioned that the following variables had a high percentage of cases where information was unspecified or unknown:

(a)   Place of death, e.g. hospital, home, nursing home, etc.
(b)   Smoking status of the deceased
(c)   Pregnancy status of the deceased 42 days prior to death
(d)   Province of birth
(e)   Marital status of deceased
(f)   Education of deceased
(g)   Occupation
(h)   Industry

Note: Unknown: Refers to cases where more than one option was marked or the response was not legible.

Not applicable: Means the response does not apply to a particular case in question.

Unspecified: Refers to cases where no response was given.

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−   **Note to users:**
     The note is provided for each variable to provide additional information for further clarity on questions and definition of concepts.

A. DEMOGRAPHIC CHARACTERISTICS

Unique sequence number (Serial_No)   *(@1 8)*

1.	Serial_No

Note to users
This variable is derived from the pasted label automatically created to provide a unique identifier for each death notification form.
Valid range: 19969882401–20170501400

Type of death (DeathType)   *(@9 8)*

2.	DeathType
	1 = Individual death
	2 = Stillbirth

Note to users
Individual death is a death that occurred any time after a live birth had taken place. Stillbirth is the intra-uterine death of a foetus of at least 26 weeks of gestation that showed no sign of life after complete birth.

Final code list
Valid range: 1–9
9 = Unspecified

Year of death (DeathYear)   *(@17 8)*

3.	DeathYear

Note to users
This variable refers to the year in which the death occurred.
Valid year: 1997–2017

Month of death (DeathMonth)   *(@25 8)*

4.	DeathMonth
	1 = January
	2 = February
	3 = March
	4 = April
	5 = May
	6 = June
	7 = July
	8 = August
	9 = September
	10 = October
	11 = November
	12 = December

Note to users
This variable provides information on the month in which the death occurred.

Day of death (DeathDay)   *(@33 8)*

5.	DeathDay

Note to users
This variable provides information on the day on which the death occurred.
Valid range: 1–31

Year of birth (BirthYear)   *(@41 8)*

6.	BirthYear

Note to users
This variable refers to the year in which the deceased was born.

Final code list
Valid range: 1861–2017
9999 = Unspecified

Month of birth (BirthMonth) (@49 8)

7.	BirthMonth
	1 = January 2 = February 3 = March 4 = April 5 = May 6 = June 7 = July 8 = August 9 = September 10 = October 11 = November 12 = December

Note to users

This variable provides information on the month in which the deceased was born.

Final code list

1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
10 = October
11 = November
12 = December
99 = Unspecified

Day of birth (BirthDay) *(@57 8)*

8.	BirthDay

Note to users

This variable provides information on the day on which the deceased was born.

Final code list

Valid range: 1–31
99 = Unspecified

Age in completed years (AgeYear) *(@65 8)*

9.	AgeYear

Note to users

This variable refers to the age of the deceased in completed years at the time of death.

Final code list

Valid range: 0–131
999 = Unspecified

Year of death registration (RegistrationYear) *(@73 8)*

10.	RegistrationYear

Note to users

This variable refers to the year in which a death was registered.

Final code list

Valid range: 1997–2019
999 = Unspecified

Month of death registration (RegistrationMonth)   (@81 8)

11.	RegistrationMonth
	1 = January
	2 = February
	3 = March
	4 = April
	5 = May
	6 = June
	7 = July
	8 = August
	9 = September
	10 = October
	11 = November
	12 = December

Note to users

This variable refers to the month in which the death was registered.

Final code list

1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
10 = October
11 = November
12 = December
99 = Unspecified

Day of death registration (RegistrationDay)   (@90 8)

12.	RegistrationDay

Note to users

This variable provides information on the day on which the death was registered.

Final code list

Valid range: 1–31
99 = Unspecified

Sex of deceased (Sex) *(@98 8)*

13.	Sex
	1 = Male
	2 = Female

Note to users

This variable provides information on the sex of the deceased.

Final code list

1 = Male

2 = Female

8 = Unknown

9 = Unspecified

Marital status of deceased (MStatus) *(@106 8)*

14.	MStatus
	1 = Never married
	2 = Married
	3 = Widowed
	4 = Divorced

Note to users

This variable provides information on the marital status of the deceased.

Final code list

1 = Never married

2 = Married

3 = Widowed

4 = Divorced

5 = Not applicable

8 = Unknown

9 = Unspecified

Relationship of informant to deceased (Relationship) (*@114 8*)

15.	Relationship
	1 = Parent
	2 = Spouse
	3 = Child
	4 = Other kin
	5 = Other

Note to users

This variable provides information on the relationship of the informant to the deceased.

Final code list

1 = Parent

2 = Spouse

3 = Child

4 = Other kin

5 = Other

8 = Unknown

9 = Unspecified

Next of kin a smoker (NextKinSmoker) (*@122 8*)

16.	NextKinSmoker
	1 = Smoking
	2 = Not smoking
	3 = Refused to answer

Note to users

This variable provides information on the smoking status of the next of kin of the deceased.

Final code list

1 = Smoking

2 = Not smoking

3 = Refused to answer

8 = Unknown

9 = Unspecified

Education of deceased (EduCode) *(@130 8)*

17.	EduCode
	0 = None
	1 = Grade R
	2 = Sub A Gr 1
	3 = Sub B Gr 2
	4 = Std 1 Gr 3
	5 = Std 2 Gr 4
	6 = Std 3 Gr 5
	7 = Std 4 Gr 6
	8 = Std 5 Gr 7
	9 = Std 6 Gr 8
	10 = Std 7 Gr 9
	11 = Std 8 Gr 10 Form 3 NTC1
	12 = Std 9 Gr 11 Form 4 NTC2
	13 = Std 10 Gr 12 Form 5 NTC3
	14 = University / Tech

Note to users

This variable provides information on the highest level of education that the deceased completed or achieved.

Final code list

 0 = None
 1 = Grade R
 2 = Sub A Gr 1
 3 = Sub B Gr 2
 4 = Std 1   Gr 3
 5 = Std 2   Gr 4
 6 = Std 3   Gr 5
 7 = Std 4   Gr 6
 8 = Std 5   Gr 7
 9 = Std 6   Gr 8
10 = Std 7   Gr 9
11 = Std 8   Gr 10   Form 3   NTC1
12 = Std 9   Gr 11   Form 4   NTC2
13 = Std 10 Gr 12   Form 5   NTC3
14 = University / Tech
97 = Unknown
98 = Not applicable
99 = Unspecified

Groups of occupation of deceased (OccupationGrp)   *(@138 8)*

18.	OccupationGrp
	0 = Occupations unspecified and not elsewhere specified and not economically active persons
	1 = Managers
	2 = Professionals
	3 = Technicians and associate professionals
	4 = Clerical support workers
	5 = Service and sales workers and armed forces
	6 = Skilled agricultural and fishery workers
	7 = Craft and related trades workers
	8 = Plant and machine operators, and assemblers
	9 = Elementary occupations

Note to users

This variable provides information on the usual occupation of the deceased. Usual occupation refers to the type of work done by the deceased most of his or her working life.

Final code list

0 = Occupations unspecified and not elsewhere specified and not economically active persons

1 = Managers

2 = Professionals

3 = Technicians and associate professionals

4 = Clerical support workers

5 = Service and sales workers and armed forces

6 = Skilled agricultural and fishery workers

7 = Craft and related trade workers

8 = Plant and machine operators and assemblers

9 = Elementary occupations

99 = Not applicable

Smoking status of deceased (Smoker)   *(@146 8)*

19.	Smoker
	1 = Yes
	2 = No
	3 = Do not know
	4 = Not applicable

Note to users

This variable provides information on the smoking status of the deceased five years before death. A smoker is defined as someone who smoked any form of tobacco on most days (an average of more than six months a year, or four or more days a week), five years ago. If smoking started less than five years before death, the answer is No. If smoking started more than five years before death, but for less than six months, the answer is No.

Final code list

1 = Yes

2 = No

3 = Do not know

4 = Not applicable

8 = Unknown

9 = Unspecified

Pregnancy status of deceased 42 days prior to death (Pregnancy)   *(@154 8)*

20.	Pregnancy
	1 = Yes
	2 = No

Note to users

This variable provides information on whether or not females of reproductive age (10–55) were pregnant 42 days prior to death.

Final code list

1 = Yes

2 = No

3 = Not applicable

8 = Unknown

9 = Unspecified

Population group of the deceased (PopGroup) **(@162 8)**

21.	PopGroup
	1 = Black
	2 = White
	3 = Indian or Asian
	4 = Coloured
	5 = Other

Note to users
This variable provides information on the population group of the deceased.

Final code list
1 = Black African
2 = White
3 = Indian or Asian
4 = Coloured
5 = Other
8 = Unknown
9 = Unspecified

B. PLACE NAMES

Citizenship of deceased (Citizenship) *(@170 8)*

22.	Citizenship
	1 = South Africa
	2 = Zimbabwe
	3 = Swaziland
	4 = Botswana
	5 = Lesotho
	6 = Mozambique
	7 = Namibia
	8 = Mauritius
	9 = Angola
	10 = Zambia
	11 = Malawi
	12 = Tanzania
	13 = Madagascar
	14 = DRC
	15 = Other

Note to users
This variable provides information on the place of citizenship of the deceased.

Final code list
 1 = South Africa
 2 = Zimbabwe
 3 = Swaziland
 4 = Botswana
 5 = Lesotho
 6 = Mozambique
 7 = Namibia
 8 = Mauritius
 9 = Angola
10 = Zambia
11 = Malawi
12 = Tanzania
13 = Madagascar
14 = DRC
15 = Other
97 = Unknown
99 = Unspecified

Province of birth of the deceased (BirthProv) *(@178 3)*

23.	**BirthProv**
	1 = Western Cape
	2 = Eastern Cape
	3 = Northern Cape
	4 = Free State
	5 = KwaZulu-Natal
	6 = North West
	7 = Gauteng
	8 = Mpumalanga
	9 = Limpopo

Note to users
This variable provides information on the province of birth of the deceased based on the 2011 municipal boundaries. It was derived from the place code of birth.

Final code list
1 = Western Cape

2 = Eastern Cape

3 = Northern Cape

4 = Free State

5 = KwaZulu-Natal

6 = North West

7 = Gauteng

8 = Mpumalanga

9 = Limpopo

9996 = Unknown

9998 = Outside South Africa

Province of death occurrence (DeathProv)   *(@181 3)*

24.	DeathProv
	1 = Western Cape
	2 = Eastern Cape
	3 = Northern Cape
	4 = Free State
	5 = KwaZulu-Natal
	6 = North West
	7 = Gauteng
	8 = Mpumalanga
	9 = Limpopo

Note to users

This variable provides information on the province of death of the deceased based on the 2011 municipal boundaries. It was derived from the place code of death.

Final code list

 1 = Western Cape

 2 = Eastern Cape

 3 = Northern Cape

 4 = Free State

 5 = KwaZulu-Natal

 6 = North West

 7 = Gauteng

 8 = Mpumalanga

 9 = Limpopo

9996 = Unknown

9998 = Outside South Africa

Province of usual residence of the deceased (ResProv)   *(@184 8)*

25.	ResProv
	1 = Western Cape
	2 = Eastern Cape
	3 = Northern Cape
	4 = Free State
	5 = KwaZulu-Natal
	6 = North West
	7 = Gauteng
	8 = Mpumalanga
	9 = Limpopo

Note to users

This variable provides information on the province of usual residence of the deceased based on the 2011 municipal boundaries. It was derived from the place code of usual residence.

Final code list

1 = Western Cape

2 = Eastern Cape

3 = Northern Cape

4 = Free State

5 = KwaZulu-Natal

6 = North West

7 = Gauteng

8 = Mpumalanga

9 = Limpopo

9998 = Outside South Africa

9999 = Unspecified

Country of usual residence of deceased (ResCountry)   *(@192 8)*

26.	ResCountry
	1 = South Africa 2 = Zimbabwe 3 = Swaziland 4 = Botswana 5 = Lesotho 6 = Mozambique 7 = Namibia 8 = Mauritius 9 = Angola 10 = Zambia 11 = Malawi 12 = Tanzania 13 = Madagascar 14 = DRC 15 = Other

Note to users

This variable provides information on the country of usual residence of the deceased.

Final code list

 1 = South Africa

 2 = Zimbabwe

 3 = Swaziland

 4 = Botswana

 5 = Lesotho

 6 = Mozambique

 7 = Namibia

 8 = Mauritius

 9 = Angola

10 = Zambia

11 = Malawi

12 = Tanzania

15 = Other

97 = Unknown

99 = Unspecified

C. CAUSES OF DEATH

Ascertainment of the cause of death (Ascertainment) *(@200 8)*

27.	Ascertainment
	1 = Autopsy
	2 = Post mortem examination
	3 = Opinion of attending medical practitioner
	4 = Opinion of attending medical practitioner on duty
	5 = Opinion of registered professional nurse
	6 = Interview of family member
	7 = Other
	8 = Autopsy results may be available later
	9 = Autopsy not performed

Note to users
This variable provides information on the method used to ascertain the cause of death.

Final code list
1 = Autopsy
2 = Post mortem examination
3 = Opinion of attending medical practitioner
4 = Opinion of attending medical practitioner on duty
5 = Opinion of registered professional nurse
6 = Interview of family member
7 = Other
8 = Autopsy results may be available later
9 = Autopsy not performed
98 = Unknown
99 = Unspecified

Place of death (DeathInst) *(@208 4)*

28.	**DeathInst**
	1 = Hospital 2 = Emergency room/Outpatient 3 = Dead on arrival 4 = Nursing home 5 = Home 6 = Other

Note to users
This variable provides information on the place or institution at which the person died.

Final code list
1 = Hospital

2 = Emergency room/Outpatient

3 = Dead on arrival

4 = Nursing home

5 = Home

6 = Other

8 = Unknown

9 = Unspecified

Immediate cause of death (CauseA) *(@212 5)*

29.	**CauseA**
	(see attached ICD-10 code list)

Note to users
This variable provides information on the immediate cause of death.

Injury codes for the immediate cause of death (InjuryA) *(@217 5)*

30.	**InjuryA**
	(see attached Injury code list)

Note to users
This variable provides information on the injury codes for non-natural causes of death.
111 = Natural cause (no injury code)

Second condition leading to death (CauseB) (@222 5)

31.	CauseB
	(see attached ICD-10 code list)

Note to users
This variable provides information on the second condition leading to death.
888 = Second condition leading to death not mentioned.

Injury codes for the second condition leading to death (InjuryB) (@227 5)

32.	InjuryB
	(see attached Injury code list)

Note to users
This variable provides information on the injury codes for non-natural causes of death.
111 = Natural cause (no injury code)
888 = Second condition leading to death not mentioned.

Third condition leading to death (CauseC) (@232 5)

33.	CauseC
	(see attached ICD-10 code list)

Note to users
This variable provides information on the third condition leading to death.
888 = Third condition leading to death not mentioned.

Injury codes for the third condition leading to death (InjuryC) (@237 5)

34.	InjuryC
	(see attached Injury code list)

Note to users
This variable provides information on the injury codes for non-natural causes of death.
111 = Natural cause (no injury code)
888 = Third condition leading to death not mentioned.

Fourth condition leading to death (CauseD)   (@242 5)

35.	**CauseD**
	(see attached ICD-10 code list)

Note to users

This variable provides information on the fourth condition leading to death.
888 = Fourth condition leading to death not mentioned.

Injury codes for the fourth condition leading to death (InjuryD)   (@247 5)

36.	**InjuryD**
	(see attached Injury code list)

Note to users

This variable provides information on the injury codes for non-natural causes of death.
111 = Natural cause (no injury code)
888 = Fourth condition leading to death not mentioned.

Other conditions leading to death (OtherCause)   (@252 5)

37.	**OtherCause**
	(see attached ICD-10 code list)

Note to users

This variable provides information on other conditions leading to death.
888 = Other conditions leading to death not mentioned.

Injury codes for other conditions leading to death (OtherInjury)   (@257 5)

38.	**OtherInjury**
	(see attached Injury code list)

Note to users

This variable provides information on the injury codes for non-natural causes of death.
111 = Natural cause (no injury code)
888 = Other conditions leading to death not mentioned.

First cause provided on part 2 of the death notification form (Part2_CauseA)   *(@262 5)*

39.	Part2_CauseA
	(see attached ICD-10 code list)

Note to users

This variable provides information on conditions leading to death provided on the first line of part 2 of the death notification form.

888 = First cause of death on part 2 not mentioned.

Injury codes for first cause on part 2 (Part2_InjuryA)   *(@267 5)*

40.	Part2_InjuryA
	(see attached Injury code list)

Note to users

This variable provides information on the injury codes for non-natural causes of death provided on the first line on part 2 of the death notification form.

111 = Natural cause (no injury code)

888 = First cause of death on part 2 not mentioned.

Second cause provided on part 2 of the death notification form (Part2_CauseB)   *(@272 5)*

41.	Part2_CauseB
	(see attached ICD-10 code list)

Note to users

This variable provides information on conditions leading to death provided on the second line of part 2 of the death notification form.

888 = Second cause of death on part 2 not mentioned.

Injury codes for second cause on part 2 (Part2_InjuryB)   *(@277 5)*

42.	Part2_InjuryB
	(see attached Injury code list)

Note to users

This variable provides information on the injury codes for non-natural causes of death provided on the second line on part 2 of the death notification form.

111 = Natural cause (no injury code)

888 = Second cause of death on part 2 not mentioned.

Underlying cause of death (Underlyingcause) (@282 5)

43.	**Underlyingcause** (see attached ICD-10 code list)

Note to users

This variable provides information on the underlying cause of death. An underlying cause of death is defined as the disease or injury which initiated the train of morbid events leading directly to death, or the circumstances of the accident or violence which produced the fatal injury.

Broad groups of the underlying causes of death (Underlying_Broad_Grp) (@287 7)

44.	**Underlying_Broad_Grp** (See attached list of ICD-10 categories list)

Note to users

This variable groups the underlying causes of death into broad groups of death. It is derived from the underlying cause of death.

Main groups of the underlying causes of death (Underlying_Main_Grp)   *(@294 50)*

45.	**Underlying_Main_Grp**		
	A00-B99	=	Certain infectious and parasitic diseases (A00-B99)
	C00-D48	=	Neoplasms (C00-D48)
	D50-D89	=	Diseases of the blood and immune mechanism (D50-D89)
	E00-E90	=	Endocrine, nutritional and metabolic diseases (E00-E90)
	F00-F99	=	Mental and behavioural disorders (F00-F99)
	G00-G99	=	Diseases of the nervous system (G00-G99)
	H00-H59	=	Diseases of the eye and adnexa (H00-H59)
	H60-H95	=	Diseases of the ear and mastoid process (H60-H95)
	I00-I99	=	Diseases of the circulatory system (I00-I99)
	J00-J99	=	Diseases of the respiratory system (J00-J99)
	K00-K93	=	Diseases of the digestive system (K00-K93)
	L00-L99	=	Diseases of the skin and subcutaneous tissue (L00-L99)
	M00-M99	=	Diseases of the musculoskeletal system, etc. (M00-M99)
	N00-N99	=	Diseases of the genitourinary system (N00-N99)
	O00-O99	=	Pregnancy, childbirth and puerperium (O00-O99)
	P00-P96	=	Perinatal conditions (P00-P96)
	Q00-Q99	=	Congenital malformations (Q00-Q99)
	R00-R99	=	Symptoms and signs not elsewhere classified (R00-R99)
	V01-Y98	=	External causes of morbidity and mortality (V01-Y98)

Note to users

This variable groups the underlying causes of death into main groups. It is derived from the underlying cause of death.

Natural/non-natural underlying causes of death (NaturalUnnatural) (*@344 3*)

46.	**NaturalUnnatural**
	1 = Natural underlying cause
	2 = Non-natural underlying cause

Note to users

This variable groups the underlying causes of death into natural and non-natural causes. It is derived from the underlying cause of death.

Final code list

1 = Natural underlying cause
2 = Non-natural underlying cause

Mass of stillborn (StillbornMass) (*@347 8*)

47.	**StillbornMass**

Note to users

This variable provides the mass of stillborns in grams.
Valid ranges: 0–9920

Final code list

9998 = not applicable (individual deaths, i.e. not stillborns).
9999 = unspecified

Year of processing (ProcessingYear) (*@355 8*)

48.	**ProcessingYear**

Note to users

This variable provides the year in which the death notification was received and processed by Statistics South Africa.