STATS SA
STATISTICS SOUTH AFRICA

Mortality and causes of death in South Africa, 2015

MetaData

THE SOUTH AFRICA I KNOW, THE HOME I UNDERSTAND

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, 2015: 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 where they exist. 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 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 are then manually verified.

The underlying cause of death is then derived automatically using a software program 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 (Causes 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 2015 and which were registered at the Department of Home Affairs. It therefore excludes the 2015 deaths that might not be registered, possible late registrations, and deaths that might have been registered elsewhere, but had not reached Stats SA during the current 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 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 48 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. (21,9%)
(b) Was the deceased a smoker? (33,8%)
(c) Was the deceased pregnant 42 days prior to death? (80,2%)
(d) Province of birth (17,1%)
(e) Marital status of deceased (16,2%)
(f) Education of deceased (49,3%)
(g) Occupation (69,9%) was classified as occupations unspecified and occupations not elsewhere classified)
(h) Industry the deceased was involved in (52,0%)

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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− **Type and position of the variable:**
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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.

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, 2015: Findings from death notification (P0309.3).

A. DEMOGRAPHIC CHARACTERISTICS

Unique sequence number (Serial_No)   *Numeric: (@1   11)*

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: 20150000001–20150503596

Type of death (DeathType)   *Numeric: (@12   1)*

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.

Year of death (DeathYear)   *Numeric: (@13   4)*

3.	DeathYear

Note to users
This variable refers to the year in which the death occurred.
Valid year: 2015

Month of death (DeathMonth)   *Numeric: (@17   2)*

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)   *Numeric: (@19   2)*

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)   *Numeric: (@21   4)*

6.	BirthYear

Note to users

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

Final code list

Valid range: 1900–2015
9999 = Unspecified

Month of birth (BirthMonth) *Numeric: (@25 2)*

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) *Numeric: (@27 2)*

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)   *Numeric: (@29   3)*

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: 0–115
999 = Unspecified

Year of death registration (RegistrationYear)   *Numeric: (@32   4)*

10.	RegistrationYear

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

Final code list
Valid range: 2015–2016

Month of death registration (RegistrationMonth)   *Numeric: (@36   2)*

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.

Day of death registration (RegistrationDay)   *Numeric: (@38   2)*

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

Sex of deceased (Sex)   *Numeric: (@40   1)*

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)   *Numeric: (@41   1)*

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)   *Numeric: (@42   1)*

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)   *Numeric: (@43   1)*

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)   *Numeric: (@44   2)*

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)   *Numeric: (@46 2)*

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

Occupation of deceased (SubOccupation)   *Numeric: (@48   2)*

19.	SubOccupation
	08 = Occupations unspecified and not elsewhere classified
	09 = Not economically active persons
	11 = Chief executives, senior officials and legislators
	12 = Administrative and commercial managers
	13 = Production and specialised services managers
	14 = Hospitality, retail and other services managers
	21 = Science and engineering professionals
	22 = Health professionals
	23 = Teaching professionals
	24 = Business and administration professionals
	25 = Information and Communication Technology professionals
	26 = Legal, social and cultural professionals
	31 = Science and engineering associate professionals
	32 = Health associate professionals
	33 = Business and administration associate professionals
	34 = Legal, social, cultural and related associate professionals
	35 = Information and communications technicians
	41 = General and keyboard clerks
	42 = Customer services clerks
	43 = Numerical and material recording clerks
	44 = Other clerical support workers
	51 = Personal services workers
	52 = Sales workers
	53 = Personal care workers
	54 = Protective service workers and armed forces occupations
	61 = Market-orientated skilled agricultural workers

62 = Market-orientated skilled forestry, fishery and hunting workers

63 = Subsistence farmers, fishers, hunters and gatherers

71 = Building and related trades workers, excluding electricians

72 = Metal, machinery and related trades workers

73 = Handicraft and printing workers

74 = Electrical and electronic trades workers

75 = Food processing, wood working, garment and other craft and related trades workers

81 = Stationary plant and machine operators

82 = Assemblers

83 = Drivers and mobile plant operators

91 = Cleaners and helpers

92 = Agricultural, forestry and fishery labourers

93 = Labourers in mining, construction, manufacturing and transport

94 = Food preparation assistants

95 = Street and related sales and service workers

96 = Refuse workers and other elementary workers

99 = Underground economy and related activities

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

Final code list

08 = Occupations unspecified and not elsewhere classified

09 = Not economically active persons

11 = Chief executives, senior officials and legislators

12 = Administrative and commercial managers

13 = Production and specialised services managers

14 = Hospitality, retail and other services managers

21 = Science and engineering professionals

22 = Health professionals

23 = Teaching professionals

24 = Business and administration professionals

25 = Information and Communication Technology professionals

26 = Legal, social and cultural professionals

31 = Science and engineering associate professionals

32 = Health associate professionals

33 = Business and administration associate professionals

34 = Legal, social, cultural and related associate professionals

35 = Information and communications technicians

41 = General and keyboard clerks

42 = Customer services clerks

43 = Numerical and material recording clerks

44 = Other clerical support workers

51 = Personal services workers

52 = Sales workers

53 = Personal care workers

54 = Protective service workers and armed forces occupations

61 = Market-orientated skilled agricultural workers

62 = Market-orientated skilled forestry, fishery and hunting workers

63 = Subsistence farmers, fishers, hunters and gatherers

71 = Building and related trades workers, excluding electricians

72 = Metal, machinery and related trades workers

73 = Handicraft and printing workers

74 = Electrical and electronic trades workers

75 = Food processing, wood working, garment and other craft and related trades workers

81 = Stationary plant and machine operators

82 = Assemblers

83 = Drivers and mobile plant operators

91 = Cleaners and helpers

92 = Agricultural, forestry and fishery labourers

93 = Labourers in mining, construction, manufacturing and transport

94 = Food preparation assistants

95 = Street and related sales and service workers

96 = Refuse workers and other elementary workers

Minor occupations of deceased (MinorOccupationGrp)   *Character: (@50   3)*

20.	MinorOccupationGrp
	(see attached minor occupation group code list)

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

Industry of deceased (Industry)   *Character: (@53   3)*

21.	**Industry**
	(see attached Industry code list)

Note to users

This variable provides information on the type of business or industry where the deceased worked most of his or her working life.

Smoking status of deceased (Smoker)   *Numeric: (@56   1)*

22.	**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 the smoking lasted 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)   *Numeric: (@57   1)*

23.	**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

B. PLACE NAMES

Citizenship of deceased (Citizenship)   *Numeric: (@58   2)*

24.	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)   *Numeric: (@60   2)*

25.	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
	98 = Outside South Africa

STATISTICS SOUTH AFRICA

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

97 = Unknown

98 = Outside South Africa

99 = Unspecified

Province of death occurrence (DeathProv)   *Numeric: (@62   2)*

26.	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
	98 = Outside South Africa

Mortality and causes of death from death notification, South Africa: 2015: Metadata

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

97 = Unknown

98 = Outside South Africa

99 = Unspecified

Province of usual residence of the deceased (ResProv)   *Numeric: (@64   2)*

27.	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
	98 = Outside South Africa

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

97 = Unknown

98 = Outside South Africa
99 = Unspecified

Country of usual residence of deceased (ResCountry)   *Numeric: (@66 2)*

28.	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)   Numeric: (@68   2)

29.	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) *Numeric: (@70 1)*

30.	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.

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)   *Character: (@71   4)*

31.	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)   *Character: (@75   4)*

32.	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)   *Character: (@79   4)*

33.	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)   *Character: (@83 4)*

34.	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)   *Character :(@87   4)*

35.	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)   *Character: (@91 4)*

36.	**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)   *Character :(@95 4)*

37.	**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)   *Character: (@99 4)*

38.	**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) *Character: (@103 4)*

39.	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) *Character: (@107 4)*

40.	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) *Character: (@111 4)*

41.	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) *Character: (@115   4)*

42.	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) *Character: (@119 4)*

43.	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) *Character: (@123 4)*

44.	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) *Character: (@127 3)*

45.	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 *Character: (@130 7)*
(Underlying_Broad_Grp)

46.	Underlying_Broad_Grp
	(See attached list of ICD10 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   *Character: (@137   7)*
(Underlying_Main_Grp)

47.	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)   *Numeric: (@144   1)*

48.	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