

South Africa - Mortality and Causes of Death 2012

Statistics South Africa, South Africa. Department of Home Affairs

Report generated on: May 26, 2015

Visit our data catalog at: <http://www.datafirst.uct.ac.za/dataportal/index.php>

Overview

Identification

ID NUMBER

zaf-statssa-mcd-2012-v1

Version

VERSION DESCRIPTION

v1: Edited, anonymised dataset for public distribution

PRODUCTION DATE

2014

NOTES

This version (Version 1) of the dataset was downloaded from Statistics South Africa's website on the 8th of May 2015.

Overview

ABSTRACT

This dataset contains statistics on deaths in South Africa in 2012. The registration of deaths in South Africa is regulated by the Births and Deaths Registration Act, 51 of 1992. The South African Department of Home Affairs (DHA) is responsible for the registration of deaths in South Africa. The data is collected with two instruments: The death register and the medical certificate in respect of death. The staff of the DHA Registrar of Deaths section fills in the former while the medical practitioner attending to the death completes the latter. Causes of death are coded by the Department of Home Affairs according to the tenth revision of the International Classification of Diseases (ICD-10) ICD-10, as required by the World Health Organisation for their member countries. The data is used by the Department of Home Affairs to update the Population Register. The forms are sent to Statistics South Africa (Stats SA) for their use for statistical purposes. From the two forms sent to Stats SA, the following data items of the deceased are extracted: place of residence, place of death, date of death, month and year of registration, sex, marital status, occupation, underlying cause of death, whether or not the death was certified by a medical practitioner, and whether or not the deceased died in a health institution or nursing home. From 1991 death notifications do not require data on population group, and therefore this dataset includes death data for all population groups. This dataset excludes 2012 deaths that were not registered, and late registrations which would not have been available to Stats SA in time for the production of the dataset.

KIND OF DATA

Administrative records [adm]

UNITS OF ANALYSIS

Units of analysis in the survey were individuals

Scope

NOTES

The study provides data on cause of death for deaths that occurred in South Africa in 2012 and were registered by the Department of Home Affairs. Other data collected on the deceased includes age, education, marital status, and place of birth and death.

TOPICS

Topic	Vocabulary	URI
morbidity and mortality [14.4]	CESSDA	http://www.nesstar.org/rdf/common

Coverage

GEOGRAPHIC COVERAGE

The survey had national coverage.

The lowest level of geographic aggregation for the data is province.

GEOGRAPHIC UNIT

Geographic breakdown of the data is by province and magisterial district, as well as urban, non-urban area.

UNIVERSE

The data covers all deaths that occurred in 2012 and which were registered at the Department of Home Affairs.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Statistics South Africa	
South Africa. Department of Home Affairs	

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
DataFirst		University of Cape Town	Metadata Producer

DATE OF METADATA PRODUCTION

2015-05-25

DDI DOCUMENT VERSION

Version 1

DDI DOCUMENT ID

ddi-zaf-datafirst-mcd-2011-v2

Sampling

No content available

Questionnaires

Overview

The data is collected with two instruments: The death register and the medical certificate in respect of death

Data Collection

Data Collection Dates

Start	End	Cycle
2012-01	2012-12	N/A

Data Collection Mode

Other [oth]

Questionnaires

The data is collected with two instruments: The death register and the medical certificate in respect of death

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

mcd_2012_v1_20150508

Content

Cases 494877

Variable(s) 47

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V272	Serial_No	Unique sequence number	contin	numeric	
V273	DeathType	Type of death	discrete	numeric	
V274	DeathYear	Year of death	discrete	numeric	
V275	DeathMonth	Month of death	discrete	numeric	
V276	DeathDay	Day of death	contin	numeric	
V277	BirthYear	Year of birth	contin	numeric	
V278	BirthMonth	Month of birth	discrete	numeric	
V279	BirthDay	Day of birth	discrete	numeric	
V280	AgeYear	Age in completed years	discrete	numeric	
V281	RegistrationYear	Year of death registration	discrete	numeric	
V282	RegistrationMonth	Month of death registration	discrete	numeric	
V283	RegistrationDay	Day of death registration	contin	numeric	
V284	Sex	Sex of deceased	discrete	numeric	
V285	MStatus	Marital status of deceased	discrete	numeric	
V286	Relationship	Relationship of informant to deceased	discrete	numeric	
V287	NextKinSmoker	Next of kin a smoker	discrete	numeric	
V288	EduCode	Education of deceased	discrete	numeric	
V289	SubOccupation	Occupation of deceased	discrete	numeric	
V290	OccupationGrp	Groups of occupation of deceased	discrete	numeric	
V291	Industry	Industry of deceased	contin	numeric	
V292	Smoker	Smoking status of deceased	discrete	numeric	
V293	Pregnancy	Pregnant status of deceased	discrete	numeric	
V294	Citizenship	Citizenship of deceased	discrete	numeric	
V295	BirthProv	Province of birth of the deceased	discrete	numeric	
V296	DeathProv	Province of death occurrence	discrete	numeric	
V297	ResProv	Province of usual residence of the deceased	discrete	numeric	
V298	ResCountry	Country of usual residence of deceased	discrete	numeric	
V299	Ascertainment	Ascertainment of the cause of death	discrete	numeric	

ID	Name	Label	Type	Format	Question
V300	DeathInst	Place of death	discrete	numeric	
V301	CauseA	Immediate cause of death	discrete	character	
V302	InjuryA	Injury codes for the immediate cause of death	discrete	character	
V303	CauseB	Second condition leading to death	discrete	character	
V304	InjuryB	Injury codes for the second condition leading to death	discrete	character	
V305	CauseC	Third condition leading to death	discrete	character	
V306	InjuryC	Injury codes for the third condition leading to death	discrete	character	
V307	CauseD	Fourth condition leading to death	discrete	character	
V308	InjuryD	Injury codes for the fourth condition leading to death	discrete	character	
V309	OtherCause	Other conditions leading to death	discrete	character	
V310	OtherInjury	Injury codes for other conditions leading to death	discrete	character	
V311	Part2_CauseA	First cause provided on part 2 of the death notification form	discrete	character	
V312	Part2_InjuryA	Injury codes for first cause on part 2	discrete	character	
V313	Part2_CauseB	Second cause provided on part 2 of the death notification form	discrete	character	
V314	Part2_InjuryB	Injury codes for second cause on part 2	discrete	character	
V315	Underlyingcause	Underlying cause of death	discrete	character	
V316	Underlying_Broad_Grp	Broad groups of the underlying causes of death	discrete	character	
V317	Underlying_Main_Grp	Main groups of the underlying causes of death	discrete	character	
V318	NaturalUnnatural	Natural/non-natural underlying causes of death	discrete	numeric	

Unique sequence number (Serial_No)

File: mcd_2012_v1_20150508

Overview

Type: Continuous	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 11	Minimum: 20120000001
Decimals: 0	Maximum: 20120504000
Range: 20120000001-20120504000	Mean: 20120249415.8
	Standard deviation: 150636.8

Type of death (DeathType)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

Year of death (DeathYear)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 2012-2012	

Month of death (DeathMonth)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-12	

Day of death (DeathDay)

File: mcd_2012_v1_20150508

Overview

Type: Continuous	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 31
Range: 1-31	Mean: 15.6
	Standard deviation: 8.8

Year of birth (BirthYear)

File: mcd_2012_v1_20150508

Overview

Type: Continuous	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 4	Minimum: 1890
Decimals: 0	Maximum: 9999
Range: 1890-9999	Mean: 2015.3
	Standard deviation: 644.4

Month of birth (BirthMonth)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

Day of birth (BirthDay)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

Age in completed years (AgeYear)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 0-999	

Year of death registration (RegistrationYear)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 2012-2014	

Month of death registration (RegistrationMonth)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-12	

Day of death registration (RegistrationDay)

File: mcd_2012_v1_20150508

Overview

Type: Continuous	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 31
Range: 1-31	Mean: 15.8
	Standard deviation: 8.8

Sex of deceased (Sex)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Marital status of deceased (MStatus)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Relationship of informant to deceased (Relationship)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Next of kin a smoker (NextKinSmoker)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Education of deceased (EduCode)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 0-99	

Occupation of deceased (SubOccupation)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 8-99	

Groups of occupation of deceased (OccupationGrp)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 0-99	

Industry of deceased (Industry)

File: mcd_2012_v1_20150508

Overview

Type: Continuous	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 3	Minimum: 10
Decimals: 0	Maximum: 998
Range: 10-998	Mean: 233.4
	Standard deviation: 331.5

Smoking status of deceased (Smoker)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Pregnant status of deceased (Pregnancy)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Citizenship of deceased (Citizenship)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

Province of birth of the deceased (BirthProv)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

Province of death occurrence (DeathProv)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

Province of usual residence of the deceased (ResProv)

File: mcd_2012_v1_20150508

Province of usual residence of the deceased (ResProv)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

Country of usual residence of deceased (ResCountry)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

Ascertainment of the cause of death (Ascertainment)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

Place of death (DeathInst)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Immediate cause of death (CauseA)

File: mcd_2012_v1_20150508

Overview

Type: Discrete	Valid cases: 494877
Format: character	Invalid: 0
Width: 3	

Injury codes for the immediate cause of death (InjuryA)

File: mcd_2012_v1_20150508

Overview

Injury codes for the immediate cause of death (InjuryA)

File: mcd_2012_v1_20150508

Type: Discrete
Format: character
Width: 3Valid cases: 494877
Invalid: 0**Second condition leading to death (CauseB)**

File: mcd_2012_v1_20150508

OverviewType: Discrete
Format: character
Width: 3Valid cases: 494877
Invalid: 0**Injury codes for the second condition leading to death (InjuryB)**

File: mcd_2012_v1_20150508

OverviewType: Discrete
Format: character
Width: 3Valid cases: 494877
Invalid: 0**Third condition leading to death (CauseC)**

File: mcd_2012_v1_20150508

OverviewType: Discrete
Format: character
Width: 3Valid cases: 494877
Invalid: 0**Injury codes for the third condition leading to death (InjuryC)**

File: mcd_2012_v1_20150508

OverviewType: Discrete
Format: character
Width: 3Valid cases: 494877
Invalid: 0**Fourth condition leading to death (CauseD)**

File: mcd_2012_v1_20150508

OverviewType: Discrete
Format: character
Width: 3Valid cases: 494877
Invalid: 0**Injury codes for the fourth condition leading to death (InjuryD)**

File: mcd_2012_v1_20150508

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

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 494877
 Invalid: 0

Other conditions leading to death (OtherCause)

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 494877
 Invalid: 0

Injury codes for other conditions leading to death (OtherInjury)

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 494877
 Invalid: 0

First cause provided on part 2 of the death notification form (Part2_CauseA)

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 494877
 Invalid: 0

Injury codes for first cause on part 2 (Part2_InjuryA)

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 494877
 Invalid: 0

Second cause provided on part 2 of the death notification form (Part2_CauseB)

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 494877
 Invalid: 0

Injury codes for second cause on part 2 (Part2_InjuryB)

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 494877
 Invalid: 0

Underlying cause of death (Underlyingcause)

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 494877
 Invalid: 0

Broad groups of the underlying causes of death (Underlying_Broad_Grp)

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: character
 Width: 7

Valid cases: 494877
 Invalid: 0

Main groups of the underlying causes of death (Underlying_Main_Grp)

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: character
 Width: 7

Valid cases: 494877
 Invalid: 0

Natural/non-natural underlying causes of death (NaturalUnnatural)

File: mcd_2012_v1_20150508

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-8

Valid cases: 494877
 Invalid: 0

Documentation

Reports

Mortality and causes of death in South Africa, 2012: Findings from death notification

Title Mortality and causes of death in South Africa, 2012: Findings from death notification
 Country South Africa
 Language English
 Publisher(s) Statistics South Africa
 Description The COD 2011 Release is the final report from the administrative records on mortality and causes of death.
 Filename COD 2012 release.pdf

Technical documents

Mortality and causes of death from death notification 2012 Metadata

Title Mortality and causes of death from death notification 2012 Metadata
 Author(s) Statistics South Africa
 Country South Africa
 Language English
 Publisher(s) Statistics South Africa
 Description The COD 2010 Metadata file provides a detailed description of the data from the administrative records.
 Filename COD 2012 metadata.pdf

Other materials

Notification/register of death/still birth (BI-1663)

Title Notification/register of death/still birth (BI-1663)
 Country South Africa
 Language English
 Description This document is the death notification form.
 Filename BI-1663 form.pdf

NOTICE OF DEATH/STILL BIRTH

Title NOTICE OF DEATH/STILL BIRTH
 subtitle Births and deaths registration Act 51 of 1992
 Author(s) Department OF Home Affairs
 Country South Africa
 Language English
 Description This document is the notice of death/still birth form.
 Filename DHA-1663A.pdf

NOTICE OF DEATH/STILL BIRTH

Title NOTICE OF DEATH/STILL BIRTH
subtitle Confirmation for Medical and Health use Only
Country South Africa
Language English
Description This document is the notice of death/still birth form.
Filename DHA-1663B.pdf
