

South Africa

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AHRI.South Africa - Mortality disparities

by age and causes of death, 1994-2018

Study Documentation

October 12, 2023

Metadata Production

| | |
|-----------------------------|---|
| Metadata Producer(s) | Africa Health Research Institute (AHRI) |
| Identification | DDI.RD01-01.agin-aggregate-01 |

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AHRI.South Africa - Mortality disparities by age and causes of death, 1994-2018

| Overview | |
|--|--------------------------------|
| Identification | AHRI.RD01-01.agin-aggregate-01 |
| Version | v1.0.0 |
| Abstract Understanding mortality disparities by age and cause is critical to identifying intervention and prevention actions to support disadvantaged populations. We assessed mortality changes in two rural South African populations over 25-years covering pre- and peak AIDS epidemic and subsequent antiretroviral therapy (ART) availability. | |
| Kind of Data | Aggregate data |
| Unit of Analysis | Age groups by site and sex |

| Scope & Coverage | |
|---|--|
| Keywords | Mortality disparities, life expectancy, South Africa |
| Topics | Mortality [N01.224.935.698] |
| Time Period(s) | 1994-2018 |
| Countries | South Africa |
| Geographic Coverage Demographic surveillance area: Agincourt, South Africa Demographic surveillance area: Africa Health Research Institute, South Africa | |
| Universe All residents in the surveillance area | |

| Producers & Sponsors | |
|--------------------------------|---|
| Primary Investigator(s) | Houle, Brian, School of Demography, The Australian National University Kabudula, Chodziwadziwa W, MRC/Wits Rural Public Health and Health Transitions Research Unit (Agincourt), School of Public Health, Faculty of Health Sciences, University of the Witwatersrand Gareta, Dickman, Africa Health Research Institute Herbst, Kobus, Africa Health Research Institute Clark, Samuel J, Department of Sociology, The Ohio State University Canudas-Romo, Vladimir, School of Demography, The Australian National University |
| Other Producer(s) | Africa Health Research Institute (AHRI) |

| Sampling | |
|---|--|
| Sampling Procedure Household census | |

| Data Collection | |
|------------------------------|------------------------------------|
| Data Collection Dates | start 1994-01-01 end 2018-12-04 |

Accessibility

Access Conditions

Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository (<<https://data.ahri.org/>>). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges being revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the data, users of AHRI data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed and must cite the dataset in publication using the citation provided as part of this documentation. All analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the dataset using the relevant DOI.

Citation Requirements

Houle, B., Kabudula, C. W., Gareta, D., Herbst, K., Clark, S. J., & Canudas-Romo, V. (2023). AHRI.South Africa - Mortality disparities by age and causes of death, 1994-2018 [Data set]. Africa Health Research Institute.
DOI:<https://doi.org/10.23664/AHRI.RD01-01.AGIN-AGGREGATE-01>

Files Description

Dataset contains 1 file(s)

| ahri-agin-aggregate-01 | |
|-------------------------------|-----|
| # Cases | 378 |
| # Variable(s) | 10 |

Variables List

Dataset contains 10 variable(s)

| File ahri-agin-aggregate-01 | | | | | | | |
|-----------------------------|--------------------------|-------|------------|--------------|-------|---------|----------|
| # | Name | Label | Type | Format | Valid | Invalid | Question |
| 1 | male | - | discrete | numeric-10.0 | 378 | 0 | - |
| 2 | D | - | continuous | numeric-10.0 | 378 | 0 | - |
| 3 | PY | - | continuous | numeric-12.0 | 378 | 0 | - |
| 4 | agecat95 | - | continuous | numeric-12.0 | 378 | 0 | - |
| 5 | period | - | discrete | numeric-12.0 | 378 | 0 | - |
| 6 | EXT | - | continuous | numeric-10.0 | 378 | 0 | - |
| 7 | HIVTB | - | continuous | numeric-10.0 | 378 | 0 | - |
| 8 | ICD | - | continuous | numeric-10.0 | 378 | 0 | - |
| 9 | NCD | - | continuous | numeric-10.0 | 378 | 0 | - |
| 10 | site | - | discrete | character-5 | 378 | 0 | - |

Variables Description

Dataset contains 10 variable(s)

File : ahri-agin-aggregate-01

male

Information [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]

Statistics [NW/ W] [Valid=378 /-] [Invalid=0 /-]

D

Information [Type= continuous] [Format=numeric] [Range= 5-421] [Missing=*]

Statistics [NW/ W] [Valid=378 /-] [Invalid=0 /-] [Mean=101.402 /-] [StdDev=75.734 /-]

PY

Information [Type= continuous] [Format=numeric] [Range= 31-32801] [Missing=*]

Statistics [NW/ W] [Valid=378 /-] [Invalid=0 /-] [Mean=9709.286 /-] [StdDev=9170.411 /-]

agecat95

Information [Type= continuous] [Format=numeric] [Range= 0-95] [Missing=*]

Statistics [NW/ W] [Valid=378 /-] [Invalid=0 /-] [Mean=45.286 /-] [StdDev=29.868 /-]

period

Information [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]

Statistics [NW/ W] [Valid=378 /-] [Invalid=0 /-]

| Value | Label | Cases | Percentage |
|-------|------------|-------|------------|
| 1 | 1994-1998 | 42 | 11.1% |
| 2 | 1999-2003* | 84 | 22.2% |
| 3 | 2004-2008 | 84 | 22.2% |
| 4 | 2009-2013 | 84 | 22.2% |
| 5 | 2014-2018 | 84 | 22.2% |

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

EXT

Information [Type= continuous] [Format=numeric] [Range= 0-95] [Missing=*]

Statistics [NW/ W] [Valid=378 /-] [Invalid=0 /-] [Mean=9.296 /-] [StdDev=14.708 /-]

HIVTB

Information [Type= continuous] [Format=numeric] [Range= 0.0176962179825653-334.44370779265] [Missing=*]

Statistics [NW/ W] [Valid=378 /-] [Invalid=0 /-] [Mean=33.594 /-] [StdDev=51.191 /-]

ICD

Information [Type= continuous] [Format=numeric] [Range= 0.00751460374588294-238.902453033682] [Missing=*]

Statistics [NW/ W] [Valid=378 /-] [Invalid=0 /-] [Mean=15.542 /-] [StdDev=27.297 /-]

NCD

Information [Type= continuous] [Format=numeric] [Range= 0.00137882600526695-126.450847453552] [Missing=*]

Statistics [NW/ W] [Valid=378 /-] [Invalid=0 /-] [Mean=28.843 /-] [StdDev=25.671 /-]

site

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=378 /-] [Invalid=0 /-]