

SOUTH AFRICA

Factsheets of Health Statistics 2016



African
Health
Observatory



World Health
Organization

Better information, better action on health

REGIONAL OFFICE FOR

Africa

South Africa Health status and trends

Introduction

Population (Source: WHO 2016)			Population (Source: WHO 2015)					
Population (in thousands) total	2005	48,353	Population proportion (%)	Population				
	2006	49,028		2010	2011	2012	2013	
	2007	49,694		Aged over 60 %	7.4	8.0	8.4	8.6
	2008	50,349		Aged 15-59 %	62.5	62.0	62.0	61.9
	2009	50,992		Aged under 15%	30.1	30.0	29.5	29.5
	2010	51,622						
	2011	52,237						
	2012	52,837						
	2013	53,417						
	2014	53,969						
2015	54,490							

Health status and trends

Life expectancy (Source: WHO 2016)						
	2000			2015		
	Both sexes	Female	Male	Both sexes	Female	Male
Healthy Life expectancy at birth (years)	50	52	48	54	57	52
Life expectancy at age 60 (years)	15	17	13	17	19	14
Life expectancy at birth (years)	57	60	55	63	66	59

Adult mortality (Source: WHO 2015)						
	1990			2013		
	Both sexes	Female	Male	Both sexes	Female	Male
Adult mortality rate (probability of dying between 15 and 60 years per 1000 population)	282	219	344	378	320	441

Maternal mortality (Source: WHO 2015)							Child mortality (Source: WHO 2015)			
	1990	1995	2000	2005	2013	2015	1990	2000	2015	
	Maternal mortality ratio (per 100 000 live births)	150	140	150	160	140				138
							Infant mortality rate (probability of dying between birth and age 1 per 1000 live births)	47	52	34

Age standardized deaths (Source: WHO 2015)			
		2000	2012
		Age-standardized mortality rate by cause (per 100 000 population)	All Causes
	Communicable	577.5	611.6
	Noncommunicable diseases	785.8	710.9
	Injuries	111.3	103.5
	Malignant neoplasms (CANCER)		108.7
	Cardiovascular diseases		298.3
	Chronic Respiratory diseases		52.3
	Diabetes mellitus		94.3

Burden of disease (Source: WHO 2015)			
		2000	2012
		Distribution of years of life lost by major cause group (%)	Communicable
	Noncommunicable diseases	25	28
	Injuries	11	10

SOUTH AFRICA

Progress on the MDGs

Health MDGs

MDG - 4: Reduce child mortality

Target 4.A: Reduce by two thirds, between 1990 and 2015, the under-five mortality rate
(Source: WHO, 2015)

	1990	2015	MDG Target 2015	Reduction (%)	Progress on the MDGs
Under-five mortality rate (deaths per 1,000 live births)	61	41	67	32	Not achieved
Measles (MCV) immunization coverage among 1-year-olds (%)	79	70	100	-11	Not achieved

MDG - 5: Improve maternal health

Target 5.A: Reduce by three quarters, between 1990 and 2015, the maternal mortality ratio
(Source: WHO, 2015)

	1990	2015	MDG Target 2015	Reduction (%)	Progress on the MDGs
Maternal mortality ratio (per 100 000 live births)	108	138	75	-28	Not achieved

Target 5.B: Achieve, by 2015, universal access to reproductive health
(Source: WHO, 2015)

	2007-2014	MDG Target 2015	Progress on the MDGs
Antenatal care coverage at least one visit	97.00	100.00	Not achieved
Births attended par skilled health personnel (%)	94.00	90.00	Achieved
Unmet need for family planning (%)		0.00	No data

MDG - 6: Combat HIV/AIDS, malaria and other diseases

Target 6.A: Have halted by 2015 and begun to reverse the spread of HIV/AIDS
Target 6.B: Achieve, by 2010, universal access to treatment for HIV/AIDS for all those who need it
Target 6.C: Have halted by 2015 and begun to incidence of malaria and other major diseases
(Source: WHO, 2015)

	1990	2000	2007	2014	MDG Target 2015	Reduction (%)	Progress on the MDGs
Incidence of HIV (%)		2.43		1.27	0.00	47.74	Achieved
Antiretroviral therapy coverage (%)			28.00	45.00	80.00		No data
Malaria incidence (%)				0.02	75.00	80.00	Achieved
Tuberculosis mortality rate (per 100 000 population per year)	42.00			48.00	50.00	-2.13	Not achieved

Health-Related MDGs

MDG - 7: Ensure environment sustainability

Target 7.C: Halve, by the proportion of people without sustainable access to safe drinking water and basic sanitation
(Source: WHO, 2015)

	1990	2015	MDG Target 2015	Reduction (%)	Progress on the MDGs
Population using improved drinking-water sources (%)	82.80	93.20	50.00	60.47	Achieved
Population using improved Sanitation (%)	51.40	66.40	50.00	30.86	Not achieved

MDG - 1: Eradicate extreme poverty and hunger

Target 1.C: Halve, between 1990 and 2015, the proportion of people who suffer from hunger
(Source: WHO, 2015)

	1990-1995	2006-2012	MDG Target 2015	Reduction (%)	Progress on the MDGs
Children aged <5 years underweight (%)	8.0	8.7	4.0	-0.4	Not achieved

Other MDGs

MDG - 2: Achieve Universal Primary Education

Target 2.A: Ensure that, by 2015, children everywhere, boys and girls alike, will be able to complete a full course of primary schooling
(Source: UNICEF, 2015)

	2007-2014	MDG Target 2015	Progress on the MDGs
Percentage of net enrolment ratio in primary education	90.0	100.0	Not on track

MDG - 3: Promote Gender Equality and Empower Women

Target 3.A: Eliminate gender disparity in primary and secondary education, preferably by, 2005, and in all levels of education no later than 2015
(Source: UNICEF, 2015)

	2007-2014	MDG Target 2015	Progress on the MDGs
The gender parity index in percentage of net enrolment ratio in primary education	0.95	1.00	Not on track

MDG - 8: Develop a global partnership for development

Target 8.A: Develop further an open, rule-based, non discriminatory trading and financial system
Target 8.D: In cooperation with pharmaceutical companies, provide access to affordable essential drugs
(Source: World Bank, 2015)

	Private	Public		
Median availability of selected generic medicines, 2007-2013				
Median consumer price ratio of selected generic medicines, 2007-2013				
	1990	2005	2011	2013
Official development assistance (ODA) received as percentage of GDP		0.30	0.36	0.40

SOUTH AFRICA The health system

Health financing

Source: WHO 2015

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
External resources for health as a percentage of total expenditure on health	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2
General government expenditure on health as % of GDP	3	3	3	3	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4
General government expenditure on health as a percentage of total expenditure on health	40	36	39	39	40	41	40	40	40	37	38	40	45	46	47	47	48	48	48
General government expenditure on health as a percentage of total government expenditure	10	10	12	12	13	13	14	13	13	12	12	12	13	13	13	14	14	14	14
Out-of-pocket expenditure as a percentage of total expenditure on health	14	13	12	13	12	13	13	12	12	18	18	18	9	9	8	7	7	7	7
Per capita government expenditure on health (PPP int. \$)	189	192	221	233	252	254	266	269	286	284	315	341	371	411	443	456	486	528	543
Per capita government expenditure on health at average exchange rate (US\$)	107	97	111	104	107	102	90	81	125	150	173	182	200	200	226	286	319	315	287
Per capita total expenditure on health (PPP int. \$)	478	534	569	592	628	614	659	676	710	777	822	855	835	898	949	979	1,018	1,091	1,121
Per capita total expenditure on health at average exchange rate (US\$)	271	271	286	264	268	246	223	204	309	410	450	455	449	437	484	615	670	651	593
Private prepaid plans as a percentage of private expenditure on health	69	73	75	73	74	72	74	75	75	68	67	67	78	78	79	80	81	81	81
Social security expenditure on health as a percentage of general government expenditure on health	4	4	4	3	4	3	3	4	4	4	4	3	3	3	3	3	3	3	3
Total expenditure on health as a percentage of gross domestic product	7	8	8	9	9	8	9	9	9	9	9	9	8	8	9	9	9	9	9

Service delivery

Source: WHO 2015

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Smear-positive tuberculosis treatment-success rate (%)	78	58	61	68	72	57	63	61	68	67	69	71	74	74	76	73	79	79	79	
Treatment success rate for new pulmonary smear-negative and extrapulmonary tuberculosis cases											61	66	66	66	68	64	37	76	76	
Treatment success rate for retreatment tuberculosis cases				67	68	71	46	50	50	53	52	56	58	67	64	64	60	35	66	

Universal coverage

Source: WHO 2015

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Expenditures for health as a proportion of total per person expenditure															7.51					
Number of outpatient visits per person per year																				2.40
Out-of-pocket expenditure as a percentage of private expenditure on health	23.20	20.30	18.90	20.90	20.40	22.20	21.00	20.60	20.60	28.90	29.90	30.10	16.80	15.70	14.60	13.90	13.80	13.80	13.80	
Persons protected from out-of-pocket expenditures through a prepayment scheme																				18.10
Private expenditure on health as a percentage of total expenditure on health	60.40	64.10	61.20	60.60	59.90	58.70	59.60	60.30	59.70	63.40	61.60	60.10	55.50	54.20	53.30	53.40	52.30	51.60	51.60	
Proportion of births attended by skilled personnel															94.30					
Satisfied need for family planning																			87.30	

Health information, evidence and knowledge

Source: WHO 2015

	2007-2013	1994-2014
Percentage of civil registration coverage for births	85	
Percentage of civil registration coverage for Deaths		91

Source: UNSD, 2015

Distribution of censuses carried out in the last three census round (1985-1994, 1995-2004, 2005-2015)	2 Censuses
Plan of census data, 2005-2015	Census conducted


Health workforce

Source: WHO 2015

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Dentistry personnel density (per 1000 population)	0.133							0.192		0.200
Environmental and public health workers density (per 1000 population)							0.065			0.064
Health management & support workers density (per 1000 population)	0.506									
Laboratory health workers density (per 1000 population)							0.153			0.154
Other health workers density (per 1000 population)							2.111			2.082
Pharmaceutical personnel density (per 1000 population)	0.277						0.369	0.413		
Physicians density (per 1000 population)	0.770						0.758			0.776
Nursing and midwifery personnel density (per 1000 population)	4.080	4.032	4.137	4.276	4.456	4.641	4.833	4.720	4.902	5.114

Leadership and governance

Source: WHO 2015

Comprehensive monitoring and evaluation plan	2012	No
Health financing strategy	2013	Not started
National Health Strategic Plans	2015	

Medical products, vaccines, infrastructures and equipment

Source: WHO 2015

	2010	2013	2014
Psychiatric beds (per 100 000 population)			22.70
Total density per 100 000 population: District/rural hospitals	0.56	0.53	
Total density per 100 000 population: Health centres	0.58	0.55	
Total density per 100 000 population: Health posts	6.19	5.88	
Total density per 100 000 population: Hospitals			0.67
Total density per 100 000 population: Provincial hospitals	0.13	0.12	
Total density per 100 000 population: Specialized hospitals	0.03	0.03	
Total density per million females aged from 50 to 69 years old: Mammography units	9.11	7.80	
Total density per million population: Computed tomography units	1.02	0.97	
Total density per million population: Gamma camera or Nuclear medicine	0.56	0.53	
Total density per million population: Linear Accelerator	0.42	0.40	
Total density per million population: Magnetic Resonance Imaging	0.24	0.23	
Total density per million population: Positron Emission tomography	0.06	0.06	
Total density per million population: Radiotherapy units	0.60	0.57	
Total density per million population: Telecobalt Unit	0.18	0.17	

Availability of national standards or recommended lists of medical devices	2010	For different healthcare facilities
	2013	For different healthcare facilities
Health technology (medical device) national policy	2010	Yes, and it is part of the National Health Program/Plan or Policy
	2013	Yes, and it is part of the National Health Program/Plan or Policy
Types of lists recommending health technology for high burden diseases	2010	No list available
	2013	No list available
Unit in the Ministry of Health responsible for the management of medical devices	2010	Yes
	2013	Yes

South Africa Diseases control

HIV/AIDS (Source: WHO 2015)					HIV/AIDS (Source: WHO 2015)										
	2001	2012	2013	2014	2007-2013										
Deaths due to HIV/AIDS (per 100 000 population)	438.0	449.0	370.0			Female	Male								
Prevalence (%) of HIV/AIDS among adults 15-45 years	9.5	11.6		18.9	Population aged 15-24 years with comprehensive correct knowledge of HIV/AIDS (%)										
HIV/AIDS incidence rate (per 100 000 population)	1,399.0	700.0	647.0		Prevalence (%) of condom use by adults aged 15-49 years during higher-risk sex										
Antiretroviral therapy coverage among people eligible for treatment (%)		80.0		45.0											
Tuberculosis (Source: WHO 2015)					Malaria (Source: WHO 2015)										
	2000	2011	2012	2014		2012	2013	2007-2013							
Deaths due to tuberculosis (per 100 000 population) among HIV-negative people	44		59	44	Malaria mortality rate (per 100 000 population)	0.1	0.2								
Prevalence of tuberculosis (per 100 000 population)	568		857	696	Malaria incidence rate (per 100 000 population)	33									
Tuberculosis incidence rate (per 100 000 population per year)	576		1003	834	Children aged < 5 years (%) with fever who received treatment with any antimalarial										
Case-detection rate for all forms of tuberculosis (%)	59		62	68	Children aged < 5years (%) sleeping under insecticide-treated nets										
Smear-positive tuberculosis treatment-success rate (%)	63	79													
Neglected tropical diseases (Source: WHO 2015)															
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Number of new cases of leprosy	58	52	53	50	24	42	36	66	17	22	16	27	15		
Annual incidence of dracunculiasis cases													0	0	0
Neglected tropical diseases Certification (Source: WHO 2014)															
Dracunculiasis certification status of countries at the beginning of the year	2013						Certified free of dracunculiasis								
Status of endemicity for blinding trachoma	2012						Non-endemic								
Noncommunicable diseases and conditions (Source: WHO 2014)					Noncommunicable diseases and conditions Age-standardized mortality rate by cause (per 100 000 population) (Source: WHO 2014)										
					2012			2012							
								Female	Male						
Distribution of causes of intentional and non-intentional injuries (% of total DALYs)	Falls				0.3			noncommunicables diseases	587		903				
	Fire, heat and hot substances				0.5				260		354				
	Intentional injuries				2.8				90		143				
	Other unintentional injuries				2.2				33		85				
	Poisonings				0.3				91		99				
	Road injury				2.2										
Distribution of causes of neuropsychiatric burden of diseases (% of total DALYs)	Unintentional injuries				6.0										
	Alcohol use disorders				0.9										
	Bipolar disorder				0.3										
	Drug use disorders				0.7										
	Epilepsy				0.8										
	Migraine				0.4										
	Multiple sclerosis				0.0										
	Neurological conditions				2.0										
	Other neurological conditions				0.4										
Distribution of causes of non-communicable burden of diseases (% of total DALYs)	Parkinson's disease				0.1										
	Schizophrenia				0.3										
	Unipolar depressive disorders				1.7										
	Cardiovascular diseases				8.5										
	Congenital anomalies				1.1										
	Diabetes mellitus				3.1										
	Digestive diseases				1.3										
	Endocrine, blood, immune disorders				1.3										
	Genitourinary diseases				1.7										
	Malignant neoplasms				3.7										
	Musculoskeletal diseases				2.3										
	Oral conditions				0.3										
	Other neoplasms				0.1										
Respiratory diseases				3.5											
Sense organ diseases				1.0											
Skin diseases				0.5											