

CHAD

Factsheets of Health Statistics 2016



African
Health
Observatory



World Health
Organization

Better information, better action on health

REGIONAL OFFICE FOR

Africa

Chad Health status and trends

Introduction

Population (Source: WHO 2016)			Population (Source: WHO 2015)					
Population (in thousands) total	2005	10,068	Population					
	2006	10,424	2010	2011	2012	2013		
	2007	10,780	Aged over 60 %	4.5	5.0	3.8	3.8	
	2008	11,140		Aged 15-59 %	50.1	50.0	66.0	47.9
	2009	11,511			Aged under 15%	45.4	45.0	30.2
	2010	11,896						
	2011	12,299						
	2012	12,716						
	2013	13,146						
	2014	13,587						
2015	14,038							

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)	41	42	40	46	47	45
Life expectancy at age 60 (years)	15	16	15	16	16	15
Life expectancy at birth (years)	48	49	46	53	55	52

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)	452	401	501	393	377	410

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)	1,700	1,600	1,500	1,200	980				856
							Infant mortality rate (probability of dying between birth and age 1 per 1000 live births)	116	106	85

Age standardized deaths (Source: WHO 2015)			
	2000		2012
	Age-standardized mortality rate by cause (per 100 000 population)	All Causes	2,199.3
	Communicable	1,339.1	1,070.9
	Noncommunicable diseases	709.6	712.6
	Injuries	150.6	114.5
	Malignant neoplasms (CANCER)		88.0
	Cardiovascular diseases		306.6
	Chronic Respiratory diseases		50.9
	Diabetes mellitus		44.8

Burden of disease (Source: WHO 2015)			
	2000		2012
	Distribution of years of life lost by major cause group (%)	Communicable	82
	Noncommunicable diseases	11	13
	Injuries	7	7

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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)	215	139	67	35	Not achieved
Measles (MCV) immunization coverage among 1-year-olds (%)	32	54	100	69	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)	1,450	856	75	41	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	43.00	100.00	Not achieved
Births attended par skilled health personnel (%)	14.00	90.00	Not achieved
Unmet need for family planning (%)	28.00	0.00	Not achieved

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 (%)		0.47		0.15	0.00	68.09	Achieved
Antiretroviral therapy coverage (%)			13.00	23.00	80.00		Not achieved
Malaria incidence (%)				6.51	75.00		Not achieved
Tuberculosis mortality rate (per 100 000 population per year)	14.00			22.00	50.00	-15.79	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 (%)	39.80	68.50	50.00	47.67	Not achieved
Population using improved Sanitation (%)	7.80	12.10	50.00	4.66	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 (%)	34.0	30.3	17.0	0.5	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	86.0	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	0.76	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	17.90	6.90	4.88	3.20

CHAD 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	22.70	19.30	11.50	20.00	21.60	24.90	25.20	14.30	21.90	13.40	11.70	13.70	9.40	7.60	10.00	7.80	13.00	9.90	8.80
General government expenditure on health as % of GDP	2.00	2.04	1.95	1.66	1.99	2.67	2.40	2.48	2.71	2.30	1.56	1.13	1.25	1.00	1.23	1.19	1.71	1.36	1.31
General government expenditure on health as a percentage of total expenditure on health	34.70	37.20	35.20	30.70	33.90	42.50	39.80	31.00	46.80	41.20	36.90	27.90	34.00	31.00	35.60	35.50	43.80	38.10	36.90
General government expenditure on health as a percentage of total government expenditure	11.10	11.10	11.10	11.10	11.90	13.10	13.80	12.00	13.10	13.00	13.50	7.70	7.30	5.20	5.50	4.90	7.60	5.90	5.90
Out-of-pocket expenditure as a percentage of total expenditure on health	63.00	60.40	62.30	66.70	63.60	55.30	57.90	66.50	51.10	56.80	61.00	69.70	63.80	66.70	62.30	62.30	54.40	59.80	61.00
Per capita government expenditure on health (PPP int. \$)	15.00	16.00	16.00	14.00	16.00	21.00	21.00	23.00	28.00	32.00	25.00	18.00	21.00	17.00	21.00	23.00	32.00	28.00	27.00
Per capita government expenditure on health at average exchange rate (US\$)	4.00	5.00	4.00	4.00	4.00	4.00	5.00	6.00	8.00	11.00	10.00	8.00	10.00	9.00	10.00	11.00	17.00	14.00	14.00
Per capita total expenditure on health (PPP int. \$)	44.00	42.00	44.00	45.00	48.00	50.00	52.00	74.00	60.00	77.00	68.00	65.00	61.00	54.00	59.00	64.00	74.00	73.00	74.00
Per capita total expenditure on health at average exchange rate (US\$)	12.00	12.00	11.00	12.00	11.00	10.00	12.00	18.00	17.00	26.00	28.00	29.00	30.00	30.00	28.00	30.00	39.00	37.00	37.00
Private prepaid plans as a percentage of private expenditure on health	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.20	0.40	0.30	0.30	0.20	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Social security expenditure on health as a percentage of general government expenditure on health																			
Total expenditure on health as a percentage of gross domestic product	5.80	5.50	5.50	5.40	5.90	6.30	6.00	8.00	5.80	5.60	4.20	4.00	3.70	3.20	3.50	3.30	3.90	3.60	3.60

Service delivery

Source: WHO 2015

	1994	1995	1998	2002	2003	2004	2006	2009	2010	2011
Smear-positive tuberculosis treatment-success rate (%)	63	47	64	58	74	71	54	76	68	68
Treatment success rate for new pulmonary smear-negative and extrapulmonary tuberculosis cases								67	45	69
Treatment success rate for retreatment tuberculosis cases	60	48		89	74	66		70	73	60

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															2.98					
Out-of-pocket expenditure as a percentage of private expenditure on health	96.50	96.20	96.20	96.20	96.20	96.20	96.20	96.30	96.20	96.60	96.70	96.70	96.70	96.70	96.70	96.70	96.70	96.70	96.70	
Private expenditure on health as a percentage of total expenditure on health	65.30	62.80	64.80	69.30	66.10	57.50	60.20	69.00	53.20	58.80	63.10	72.10	66.00	69.00	64.40	64.50	56.20	61.90	63.10	
Proportion of births attended by skilled personnel																22.70				
Satisfied need for family planning																				17.50

Health information, evidence and knowledge

Source: WHO 2015

	2007-2013	2013	1985-2015	2005-2015
Availability of national list of approved medical devices for procurement or reimbursement		0		
Availability of national standards or recommended lists of medical devices		0		
Availability of technical specifications of medical devices to support procurement or donations		0		
Distribution of censuses carried out in the last three census round(1985-1994, 1995-2004, 2005-2015)			2	
Percentage of civil registration coverage for births	16			
Plan of census data				1
Unit in the Ministry of Health responsible for the management of medical devices		0		

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

	1997	1998	1999	2000	2004	2006
Dentistry personnel density (per 1000 population)					0.0020	
Health management & support workers density (per 1000 population)					0.1700	
Nursing and midwifery personnel density (per 1000 population)	0.0500	0.0590	0.0630	0.1320	0.2820	0.1880
Pharmaceutical personnel density (per 1000 population)					0.0040	
Physicians density (per 1000 population)	0.0270	0.0210	0.0300	0.0300	0.0390	0.0370

Medical products, vaccines, infrastructures and equipment



Source: WHO 2015

	2010	2013
Total density per 100 000 population: District/rural hospitals	0.570	0.499
Total density per 100 000 population: Health centres	0.000	0.000
Total density per 100 000 population: Health posts	6.720	5.879
Total density per 100 000 population: Hospitals		0.655
Total density per 100 000 population: Provincial hospitals	0.170	0.148
Total density per 100 000 population: Specialized hospitals	0.010	0.008
Total density per million females aged from 50 to 69 years old: Mammography units	4.320	4.700
Total density per million population: Computed tomography units	0.090	0.078

Availability of national standards or recommended lists of medical devices	2010	No list available
	2013	No list available
Health technology (medical device) national policy	2010	No
	2013	No
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	No
	2013	No

Leadership and governance

Source: WHO 2015

Comprehensive monitoring and evaluation plan	2012	No	National health policies	2007		2015
Health financing strategy	2013	Ongoing	National Health Strategic Plans			2013

