

LIBERIA

Factsheets of Health Statistics 2016



African
Health
Observatory



Better information, better action on health



REGIONAL OFFICE FOR

**World Health
Organization**

Africa

Liberia

Health status and trends

Introduction

Population (Source: WHO 2016)			Population (Source: WHO 2015)					
Population (in thousands) total	2005	3,270	Population					
	2006	3,385	2010	2011	2012	2013		
	2007	3,522	Population proportion (%)	Aged over 60 %	4.4	4.0	4.8	4.8
	2008	3,673		Aged 15-59 %	52.2	52.0	52.2	52.4
	2009	3,822		Aged under 15%	43.5	44.0	43.1	42.8
	2010	3,958						
	2011	4,080						
	2012	4,190						
	2013	4,294						
	2014	4,397						
2015	4,503							

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)	44	44	43	53	54	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)	465	376	544	259	240	279

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)	1,200	1,600	1,100	880	640				725
							Infant mortality rate (probability of dying between birth and age 1 per 1000 live births)	165	119	53

Age standardized deaths (Source: WHO 2015)				
	2000		2012	
	Age-standardized mortality rate by cause (per 100 000 population)	All Causes	1,919.3	All Causes
	Communicable	1,033.1	Communicable	609.1
	Noncommunicable diseases	774.5	Noncommunicable diseases	656.9
	Injuries	111.7	Injuries	83.3
	Malignant neoplasms (CANCER)		Malignant neoplasms (CANCER)	91.0
	Cardiovascular diseases		Cardiovascular diseases	248.4
	Chronic Respiratory diseases		Chronic Respiratory diseases	125.5
	Diabetes mellitus		Diabetes mellitus	36.9

Burden of disease (Source: WHO 2015)				
	2000		2012	
	Distribution of years of life lost by major cause group (%)	Communicable	81	Communicable
	Noncommunicable diseases	13	Noncommunicable diseases	22
	Injuries	6	Injuries	9

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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)	248	70	67	73	Achieved
Measles (MCV) immunization coverage among 1-year-olds (%)		58	100	-16	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)	1,500	725	75	52	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	96.00	100.00	Not achieved
Births attended par skilled health personnel (%)	61.00	90.00	Not achieved
Unmet need for family planning (%)	36.00	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 (%)		0.28		0.06	0.00	78.57	Achieved
Antiretroviral therapy coverage (%)			17.00	21.00	80.00		Not achieved
Malaria incidence (%)				19.19	75.00		Not achieved
Tuberculosis mortality rate (per 100 000 population per year)	29.00			49.00	50.00	-19.51	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 (%)		75.60	50.00	35.11	Not achieved
Population using improved Sanitation (%)		16.90	50.00	4.37	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 (%)	35.0	14.9	17.5	3.7	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	38.0	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	0.92	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		
	2011	2013
Official development assistance (ODA) received as percentage of GDP	53.60	32.50

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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				9.50	17.20	9.20	12.60	12.60	26.50	21.10	31.30	23.30	59.50	47.00	63.60	49.60	70.00	47.20	57.80
General government expenditure on health as % of GDP				1.46	1.57	1.45	1.65	1.09	1.19	2.41	1.55	2.00	2.77	3.90	3.34	2.74	5.00	3.25	3.60
General government expenditure on health as a percentage of total expenditure on health				24.60	26.10	24.50	25.70	20.10	34.60	27.50	19.30	18.40	27.00	33.00	23.60	23.80	41.40	34.50	35.90
General government expenditure on health as a percentage of total government expenditure				6.90	6.70	6.70	9.60	5.90	7.30	12.00	13.30	8.80	17.30	17.20	16.60	12.80	20.60	13.20	13.20
Out-of-pocket expenditure as a percentage of total expenditure on health				37.90	37.20	38.00	37.60	40.10	30.10	37.40	41.70	42.90	38.00	35.00	21.80	25.10	21.70	26.60	26.00
Per capita government expenditure on health (PPP int. \$)				4.00	5.00	5.00	7.00	6.00	5.00	9.00	7.00	9.00	14.00	22.00	21.00	19.00	36.00	26.00	32.00
Per capita government expenditure on health at average exchange rate (US\$)				2.00	3.00	3.00	3.00	2.00	2.00	4.00	3.00	3.00	6.00	9.00	10.00	9.00	19.00	13.00	16.00
Per capita total expenditure on health (PPP int. \$)				16.00	19.00	22.00	29.00	32.00	14.00	33.00	34.00	50.00	54.00	67.00	88.00	78.00	88.00	75.00	88.00
Per capita total expenditure on health at average exchange rate (US\$)				8.00	10.00	11.00	11.00	9.00	5.00	13.00	13.00	18.00	21.00	27.00	43.00	38.00	46.00	39.00	44.00
Private prepaid plans as a percentage of private expenditure on health															0.70	1.40	2.90	5.60	5.60
Social security expenditure on health as a percentage of general government expenditure on health				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total expenditure on health as a percentage of gross domestic product				5.90	6.00	5.90	6.40	5.40	3.40	8.80	8.00	10.90	10.20	11.80	14.20	11.50	12.10	9.40	10.00

Service delivery

Source: WHO 2015

	1994	1995	1997	1999	2000	2001	2002	2003	2004	2005	2007	2008	2009	2011
Smear-positive tuberculosis treatment-success rate (%)	69	79	75	74	80	76	76	73	70	76	71	79	83	86
Treatment success rate for new pulmonary smear-negative and extrapulmonary tuberculosis cases											72		98	89
Treatment success rate for retreatment tuberculosis cases			56	53	61	64		37	77	84	81	88	85	82

Universal coverage

Source: WHO 2015

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Expenditures for health as a proportion of total per person expenditure												1.37				
Number of outpatient visits per person per year																1.60
Out-of-pocket expenditure as a percentage of private expenditure on health	50.30	50.30	50.30	50.60	50.20	46.10	51.60	51.70	52.50	52.10	52.20	28.50	32.90	37.10	40.60	40.60
Persons protected from out-of-pocket expenditures through a prepayment scheme																5.80
Private expenditure on health as a percentage of total expenditure on health	75.40	73.90	75.50	74.30	79.90	65.40	72.50	80.70	81.60	73.00	67.00	76.40	76.20	58.60	65.50	64.10
Proportion of births attended by skilled personnel																61.10
Proportion of people with hypertension receiving antihypertensive treatment														11.80		
Satisfied need for family planning																37.20

Health information, evidence and knowledge

Source: WHO 2015

	2007-2013	1994-2014
Percentage of civil registration coverage for births	4	
Percentage of civil registration coverage for Deaths		5

Source: UNSD, 2015

Distribution of censuses carried out in the last three census round (1985-1994, 1995-2004, 2005-2015)	1 Census
Plan of census data, 2005-2015	Census conducted

Health workforce

Source: WHO 2015

	2004	2008
Dentistry personnel density (per 1000 population)	0.0040	0.0010
Health management & support workers density (per 1000 population)	0.1490	0.0140
Nursing and midwifery personnel density (per 1000 population)	0.2970	0.2740
Pharmaceutical personnel density (per 1000 population)	0.0100	0.0750
Physicians density (per 1000 population)	0.0300	0.0140

Leadership and governance

Source: WHO 2015

Comprehensive monitoring and evaluation plan	2012	Yes
Health financing strategy	2013	Ongoing
National health policies	2011	2021
National Health Strategic Plans	2011	2021

Medical products, vaccines, infrastructures and equipment

Source: WHO 2015

	2010	2013	2014
Psychiatric beds (per 100 000 population)			
Total density per 100 000 population: Health centres	1.13	1.05	
Total density per 100 000 population: Health posts	10.01	9.32	
Total density per 100 000 population: Provincial hospitals			
Total density per 100 000 population: Specialized hospitals	0.03	0.02	
Total density per million population: Computed tomography units			
Total density per million population: Positron Emission tomography			
Total density per million population: Radiotherapy units	0.00		
Total density per million population: Telecobalt Unit	0.00		
Availability of national standards or recommended lists of medical devices	2010	For different healthcare facilities	
	2013		
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	

Liberia Diseases control

HIV/AIDS (Source: WHO 2015)					HIV/AIDS (Source: WHO 2015)		
	2001	2012	2013	2014	2007-2013		
					Female	Male	
Deaths due to HIV/AIDS (per 100 000 population)	67.0	40.0	62.0				
Prevalence (%) of HIV/AIDS among adults 15-45 years	1.1	0.5		1.2			
HIV/AIDS incidence rate (per 100 000 population)	142.0	12.0	42.0				
Antiretroviral therapy coverage among people eligible for treatment (%)		43.0		21.0			
					20	24	

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	54		46	68	Malaria mortality rate (per 100 000 population)	69	69	
Prevalence of tuberculosis (per 100 000 population)	482		495	510	Malaria incidence rate (per 100 000 population)	27793		
Tuberculosis incidence rate (per 100 000 population per year)	242		304	308	Children aged < 5 years (%) with fever who received treatment with any antimalarial			57
Case-detection rate for all forms of tuberculosis (%)	21		64	20	Children aged < 5 years (%) sleeping under insecticide-treated nets			37
Smear-positive tuberculosis treatment-success rate (%)	80	86						

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	185	566	560	75	75	267	314	319	319	777	482	662			355
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	2007	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	1.0			
	Fire, heat and hot substances	1.1			
	Intentional injuries	0.9			
	Other unintentional injuries	1.5			
	Poisonings	0.2			
	Road injury	2.2			
Distribution of causes of neuropsychiatric burden of diseases (% of total DALYs)	Unintentional injuries	6.5			
	Alcohol use disorders	0.5			
	Bipolar disorder	0.3			
	Drug use disorders	0.2			
	Epilepsy	1.4			
	Migraine	0.5			
	Multiple sclerosis	0.0			
	Neurological conditions	2.3			
	Other neurological conditions	0.2			
	Parkinson's disease	0.0			
Schizophrenia	0.2				
Distribution of causes of non-communicable burden of diseases (% of total DALYs)	Unipolar depressive disorders	1.6			
	Cardiovascular diseases	4.5			
	Congenital anomalies	2.3			
	Diabetes mellitus	1.0			
	Digestive diseases	2.6			
	Endocrine, blood, immune disorders	1.2			
	Genitourinary diseases	1.1			
	Malignant neoplasms	2.3			
	Musculoskeletal diseases	1.8			
	Oral conditions	0.2			
	Other neoplasms	0.1			
	Respiratory diseases	4.6			
	Sense organ diseases	0.9			
	Skin diseases	0.5			
noncommunicables diseases		621	699		
Cardiovascular diseases		256	237		
Malignant neoplasms (cancer)		83	104		
Chronic respiratory diseases		112	142		
Diabetes mellitus		39	34		