

Country Health System Fact Sheet 2006

Cameroon

Largest urban agglomeration or Capital city : YAOUNDE
Official language: FRENCH
Surface area (square kms) : 475442
Population density (per square km): 34

DEMOGRAPHIC AND SOCIOECONOMICS STATISTICS ^a			YEARS	CAMEROON	WHO AFRICAN REGION
Population	number	(000)	2005	16 322	738 083
	annual growth rate	(%)	1995–2004	1.9	2.2
	in urban	(%)	2005	53	38
Total fertility rate (per woman)			2004	4.5	5.3
Adolescent fertility proportion			2003	13.9	11.7
Adult literacy rate			2000–2004	67.9	60.1
Net primary school enrolment ratio	Males	(%)	1998–2004	...	70
	Females	(%)		...	63
Gross national income per capita			2004	2090	2 074
Population living below the poverty line			2001	17.1	44

... Data not available or not applicable.

^a WORLD HEALTH STATISTICS 2006 <http://www.who.int/whosis/en/>

HEALTH STATUS STATISTICS MORTALITY ^a			YEARS	CAMEROON	WHO AFRICAN REGION
Life expectancy at birth (years)	Males		2004	50	47
Life expectancy at birth (years)	Females		2004	51	49
Healthy life expectancy (HALE) at birth (years)	Males		2002	41	40
Healthy life expectancy (HALE) at birth (years)	Females		2002	42	42
Probability of dying per 1 000 population between 15 and 60 years (adult mortality rate)	Males		2004	444	519
	Females		2004	432	465
Probability of dying per 1 000 live births under 5 years (under-5 mortality rate)	Both sexes		2004	149	167
Infant mortality rate (per 1 000 live births)	Both sexes		2004	87	100
Neonatal mortality rate (per 1 000 live births)	Both sexes		2000	40	43
Maternal mortality ratio (per 100 000 live births)	Females		2000	730	910
Cause-specific mortality rate (per 100 000 population) (Both sexes)	HIV/AIDS		2003	311	313
	TB among HIV-negative people		2004	19	53
	TB among HIV-positive people		2004	12	28
	Non-communicable diseases		2002	848	800
Age-standardized mortality rate by cause (per 100 000 population) (Both sexes)	Cardio-vascular diseases		2002	436	404
	Cancer		2002	150	144
	Injuries		2002	118	133
	Communicable diseases		2002	81	59
Years of life lost by broader causes (%) (Both sexes)	Non-communicable diseases		2002	11	10
	Injuries		2002	8	8
	Neonatal causes		2000	24.8	26.2
Causes of death among children under 5 years of age (%) (Both sexes)	HIV/AIDS		2000	7.2	6.8
	Diarrhoeal diseases		2000	17.3	16.6
	Measles		2000	4.1	4.3
	Malaria		2000	22.8	17.5
	Pneumonia		2000	21.5	21.1
	Injuries		2000	2.2	1.9
	Other		2000	0.0	5.6

... Data not available or not applicable.

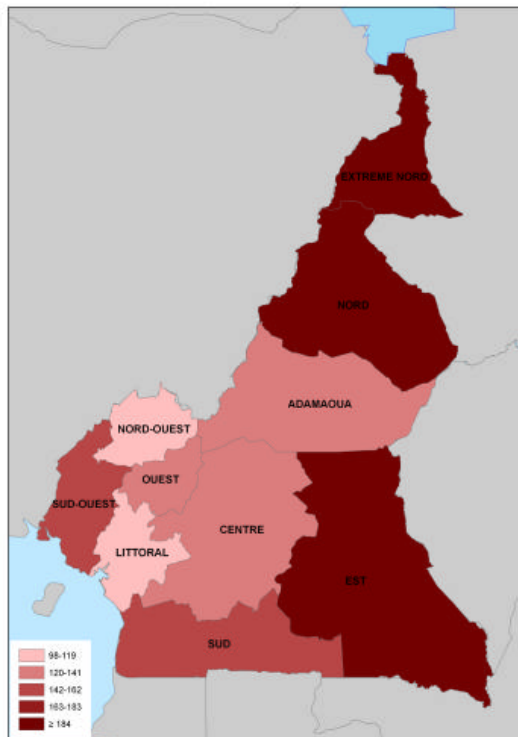
^a WORLD HEALTH STATISTICS 2006 <http://www.who.int/whosis/en/>



World Health
Organization

Mortality Country Fact Sheet 2006

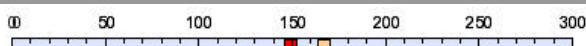
Under-5 mortality rates per 1 000 live births
by sub-national region
Cameroon, 2004



Summary	Year	Males	Females	Both sexes
Population (millions)	2005	8.1	8.2	16.3
Life expectancy (years)	2004	50	51	50
Under-5 mortality (per 1 000 live births)	2004	156	143	149
Adult mortality (per 1 000)	2004	444	432	
Maternal mortality (per 100 000 live births)	2000		730	

Source: World Health Statistics 2006

Under-5 mortality rate (per 1 000 live births)
Cameroon, 2004



Legend:

WHO African Region
Cameroon

Source: World Health Statistics 2006

About the map

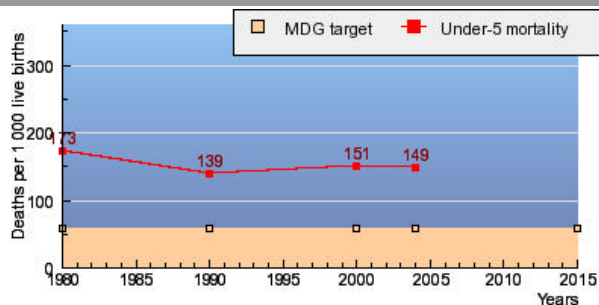
Note:

- The interval of each of the categories have been derived by taking the difference between the minimum and maximum among the regional rates and dividing it equally into 5. The formula is: (maximum of regional rate - minimum of regional rate)/5
- Rate for 5 years preceding the survey

Source: DHS Cameroon 2004

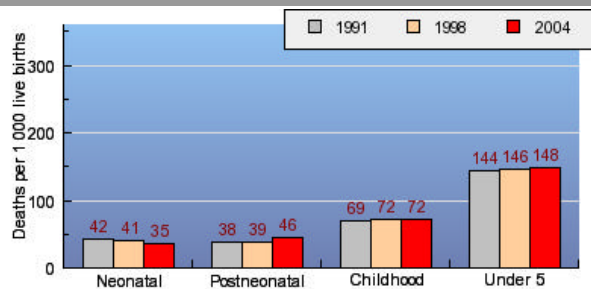
Under-5 mortality

Under-5 mortality: Estimated trend and MDG goal
Cameroon, 1980-2004



Source: i) WHO mortality database ii) World Health Statistics 2006

Under-5 mortality: Age-specific mortality rates
Cameroon, DHS 1991, DHS 1998, DHS 2004



Note: rate for 5 years preceding the survey

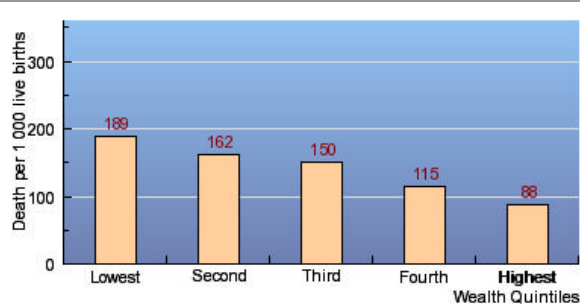
Source: DHS 1991, DHS 1998, DHS 2004

Under-5 mortality: for highest and lowest quintiles
Cameroon, DHS 2004

Wealth/assets quintiles	Lowest	Highest	Ratio
	189	88	2.1
Sex	Males	Females	Ratio
	154	141	1.1
Urban/Rural	Rural	Urban	Ratio
	169	119	1.4
Mother's education quintiles	None	Higher	Ratio
	186	93	2.0

Note: rate per 1 000 live births for 10-year period preceding the survey
Source: DHS 2004

Under-5 mortality rates by wealth quintile
Cameroon, DHS 2004



Note: rate for 10-year period preceding the survey
Source: DHS 2004



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Causes of death in children under-5

Distribution of causes of death among children under 5 years of age Cameroon, 2000-2003			Annual estimated proportions of death by cause for neonates Cameroon, 2000		
Causes	Deaths ^b (%)	Regional average (%)	Causes	Deaths ^c (%)	Regional average ^c (%)
Total neonatal deaths	100	100	Total neonatal deaths	100	100
Neonatal causes ^a	25	26	Neonatal tetanus	5	9
HIV/AIDS	7	7	Severe infection ^a	24	27
Diarrhoeal diseases	17	17	Birth asphyxia	25	24
Measles	4	4	Diarrhoeal diseases	3	3
Malaria	23	17	Congenital anomalies	8	6
Pneumonia	22	21	Preterm birth ^b	28	23
Injuries	2	2	Others	7	7
Others	0	6			

a. Includes diarrhoea during neonatal period
b. Sum of individual proportions may not add up to 100% due to rounding.

a. Includes deaths from pneumonia, meningitis, sepsis/septicaemia and other infections during the neonatal period.
b. Includes only deaths directly attributed to prematurity and to specific complications of preterm birth such as surfactant deficiency, but not all deaths in preterm infants.
c. Sum of individual proportions may not equal 100% due to rounding.

Causes of Death

Top ten causes of death, all ages Cameroon, 2002				Life expectancy at birth among males (years) Cameroon, 2004	
Causes	Deaths (000)	(%)	Years of Life Lost (%)	30 40 50 60 70 80 90 100	
All causes	235	100	100		
HIV/AIDS	49	21	24		
Lower respiratory infections	32	14	17		
Malaria	19	8	11		
Diarrhoeal diseases	14	6	8		
Perinatal conditions	11	5	7		
Cerebrovascular disease	10	4	2		
Ischaemic heart disease	9	4	1		
Road traffic accidents	5	2	3		
Tuberculosis	3	2	2		
Whooping cough	3	2	2		

Source: [Death and DALY estimates by cause, 2002](http://www.who.int/entity/healthinfo/statistics/bodgbddeathdalyestimates.xls)
<http://www.who.int/entity/healthinfo/statistics/bodgbddeathdalyestimates.xls>

Life expectancy at birth among females (years) Cameroon, 2004	
30 40 50 60 70 80 90 100	

Maternal mortality ratio (per 100 000 live births) Cameroon, 2000	
0 500 1000 1500 2000	

Legend:
 WHO African Region
 Cameroon

Source: World Health Statistics 2006

Country Health System Fact Sheet 2006 Cameroon

HEALTH STATUS STATISTICS MORBIDITY ^a		YEARS	CAMEROON	WHO AFRICAN REGION
HIV prevalence among adults (15 - 49) (%)	Both sexes	2003	6.9	7.1
TB prevalence (per 100 000 population)	Both sexes	2004	227	518
TB incidence (per 100 000 population)	Both sexes	2004	179	356
Number of confirmed polio cases	Both sexes	2005	1	854

... Data not available or not applicable.

^a WORLD HEALTH STATISTICS 2006 <http://www.who.int/whosis/en/>

BEHAVIOUR AND ENVIRONMENTAL RISK FACTORS ^a		YEARS	CAMEROON	WHO AFRICAN REGION
Non-communicable diseases - Infobase for the country		See ----> http://www.afro.who.int/dnc/infobase/Cameroon.pdf		
Children under-5 stunted for age (Both sexes) (%)		2004	31.7	...
Children under-5 underweight for age (Both sexes) (%)		2004	18.1	...
Children under-5 overweight for age (Both sexes) (%)		2004	5.2	...
Newborns with low birth weight (Both sexes) (%)		2000-2002	11	14
Adults (≥15) who are obese (%)	Males	2004	...	...
	Females	2004	4.2	...
Access to improved water sources (%)	Urban	2002	84	84
	Rural	2002	41	45
Access to improved sanitation (%)	Urban	2002	63	58
	Rural	2002	33	28
Population using solid fuels (%)	Urban	2003	62	...
	Rural	2003	98	...
Prevalence of current tobacco use (%) Adolescents (13 - 15)	Both sexes	...	...	...
Prevalence of current tobacco use (%) Adults (≥15)	Males	...	...	...
	Females	...	...	...
Condom use by young people (15 - 24) at higher risk sex (%)	Males	2004	57	...
	Females	2004	46	...

... Data not available or not applicable.

^a WORLD HEALTH STATISTICS 2006 <http://www.who.int/whosis/en/>

HEALTH SERVICES COVERAGE STATISTICS ^a			YEARS	CAMEROON	WHO AFRICAN REGION
Immunization coverage among 1-year-olds	Measles	(%)	2004	64	66
	DTP3	(%)	2004	73	66
	HepB3	(%)	2004	...	35
Antenatal care coverage	At least 1 visit	(%)	1998	77	...
	At least 4 visits	(%)	1998	52	...
Births attended by skilled health personnel		(%)	2004	62	...
Contraceptive prevalence rate		(%)	2004	26.0	...
Children under-5 sleeping under insecticide-treated nets		(%)	2004	0.9	...
Antiretroviral therapy coverage		(%)	Dec 2005	22	17
TB detection rate under DOTS		(%)	2004	91	48
TB detection treatment success DOTS		(%)	2003 cohort	...	72
Children under-5 with ARI symptoms taken to facility		(%)	2000	36.6	...
Children under-5 with diarrhoea receiving ORT		(%)	2004	47.7	...
Children under-5 with fever who received treatment with any antimalarial		(%)	2004	53.1	...
Children 6-59 months who received vitamin A supplementation		(%)	2002	86.1	...
Births by Caesarean section		(%)	1998	3	...

... Data not available or not applicable.

^a WORLD HEALTH STATISTICS 2006 <http://www.who.int/whosis/en/>

HEALTH SYSTEMS STATISTICS ^a		YEARS	CAMEROON
Physicians	Number	2004	3 124
	Density	2004	0.19
Nurses	Number	2004	26 042
	Density per 1000	2004	1.60
Midwives	Number	...	...
	Density per 1000	...	...
Dentists	Number	2004	147
	Density per 1000	2004	0.01
Pharmacists	Number	2004	700
	Density per 1000	2004	0.04
Public and environmental health workers	Number	2004	28
	Density per 1000	2004	0.00
Community Health workers	Number	...	...
	Density per 1000	...	...
Lab technicians	Number	2004	1 793
	Density per 1000	2004	0.11
Other health workers	Number	2004	16
	Density per 1000	2004	0.00
Health management and support workers	Number	2004	5 902
	Density per 1000	2004	0.36
Total expenditure on health as % of gross domestic product		2003	4.2
General government expenditure on health as % of total expenditure on health		2003	28.9
Private expenditure on health as % of total expenditure on health		2003	71.1
General government expenditure on health as % of total government expenditure		2003	8.0
External resources for health as % of total expenditure on health		2003	3.2
Social security expenditure on health as % of general government expenditure on health		2003	0.1
Out-of-pocket expenditure as % of private expenditure on health		2003	98.3
Private prepaid plans as % of private expenditure on health		2003	...
Per capita total expenditure on health at average exchange rate (US\$)		2003	37
Per capita total expenditure on health at international dollar rate		2003	64
Per capita government expenditure on health at average exchange rate (US\$)		2003	11
Per capita government expenditure on health at international dollar rate		2003	19
Coverage of vital registration of deaths(%)		2002	<25
Hospital beds (per 10 000)		...	...

... Data not available or not applicable.

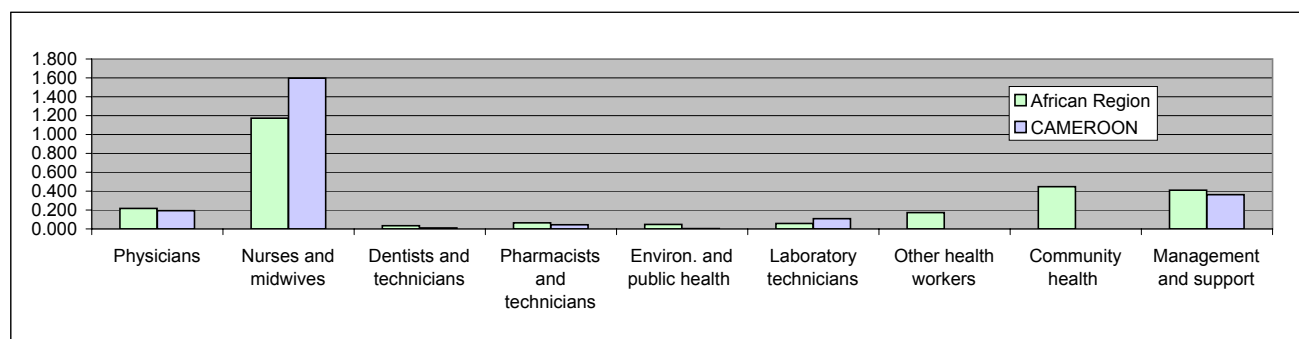
^a WORLD HEALTH STATISTICS 2006 <http://www.who.int/whosis/en/>

HUMAN RESOURCES FOR HEALTH
Country Fact Sheet Cameroon

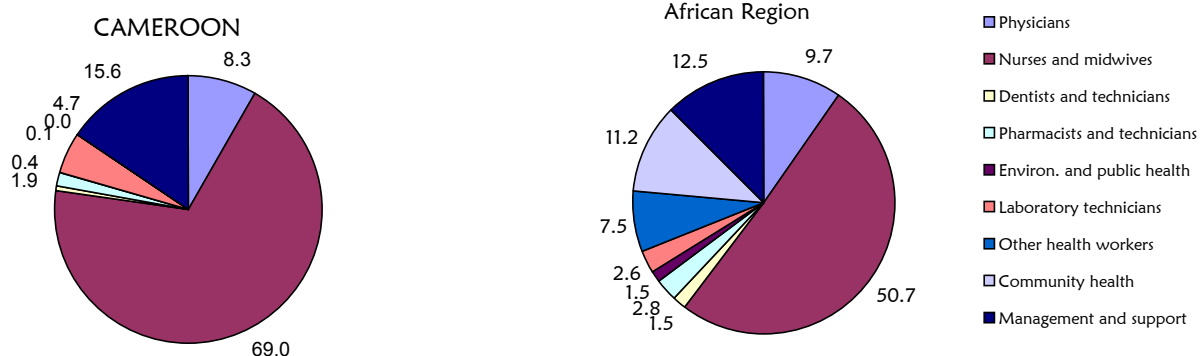
Total numbers and densities of the health workforce in CAMEROON (2002)

	Total number CAMEROON	Density per 1000 CAMEROON	Density per 1000 AFRO
Physicians	3124	0.192	0.217
Nurses and midwives	26042	1.598	1.172
Dentists and technicians	147	0.009	0.035
Pharmacists and technicians	700	0.043	0.063
Environmental and public health workers	28	0.002	0.049
Laboratory technicians	1793	0.110	0.057
Other health workers	16	0.001	0.173
Community health workers	n.a.	n.a.	0.449
Health management and support	5902	0.362	0.411
Sum total	37752		2.626

Densities of health workers in CAMEROON and in the African Region per 1000 population



Distribution of health workforce by cadre



MILLENNIUM DEVELOPMENT GOALS ^a	YEARS	CAMEROON	WHO AFRICAN REGION
GOAL 1: ERADICATE EXTREME POVERTY AND HUNGER			
4. Prevalence of underweight children under five years of age	1998	22.2	
5. Proportion of population below minimum level of dietary energy consumption	...	...
GOAL 4: REDUCE CHILD MORTALITY			
13. Under-five mortality rate (per 1000 live births, %)	1990	141	
	2003	166	
	2004	149	
14. Infant mortality rate (per 1000 live births, %)	1990	81	
	2003	95	
	2004	87	
15. Proportion of one-year-old children immunized against measles, %	2003	61	
	2004	64	
GOAL 5: IMPROVE MATERNAL HEALTH			
16. Maternal mortality ratio (per 100 000 live births)		0	
	1990	550	
	1995	720	
	2000	730	
	2003	...	
	2004	...	
17. Proportion of births attended by skilled health personnel	2000	60	
GOAL 6: COMBAT HIV/AIDS, MALARIA AND OTHER DISEASES			
18. HIV prevalence among pregnant women aged 15-24	...	...
- HIV prevalence among adults (15-49) %, both sexes	2003	6.9	
19. Condom use rate of the contraceptive prevalence rate	...	...
- Contraceptive prevalence rate	2000	26	
20. Number of children orphaned by HIV/AIDS	...	...
21. Prevalence rate associated with malaria	...	...
- Death rates associated with malaria (per 100 000)	2000	116	
22. Proportion of population in malaria-risk areas using effective malaria prevention and treatment measures	...	...
23. Prevalence rate associated with tuberculosis (per 100 000)	1990	163	
	2000	232	
	2004	227	
- Death rates associated with tuberculosis	1990	19	
	2000	25	
	2004	31	
24. Proportion of tuberculosis cases detected under DOTS	2003	86	
	2004	91.23	
- Proportion of tuberculosis cases cured under DOTS	2002	70	
	2003	...	
GOAL 7: ENSURE ENVIRONMENTAL SUSTAINABILITY			
29. Proportion of population using solid fuels	2002	83	
30. Proportion of population with sustainable access to improved water source, urban	2002	84	
- Proportion of population with sustainable access to improved water source, rural	2002	41	
31. Proportion of urban population with access to improved sanitation	2002	63	
- Proportion of rural population with access to improved sanitation	2002	33	
GOAL 8: DEVELOP A GLOBAL PARTNERSHIP FOR DEVELOPMENT			
46. Proportion of population with access to affordable essential drugs on a sustainable basis	...	...

... Data not available or not applicable.

^a THE WORLD HEALTH REPORT 2004 UPDATED WITH THE WORLD HEALTH STATISTICS 2006 <http://www.who.int/whosis/en/>

