

Country Health System Fact Sheet 2006
Uganda

Largest urban agglomeration or Capital city : KAMPALA
Official language: ENGLISH
Surface area (square kms) : 241038
Population density (per square km): 120

DEMOGRAPHIC AND SOCIOECONOMICS STATISTICS ^a			YEARS	UGANDA	WHO AFRICAN REGION
Population	number	(000)	2005	28 816	738 083
	annual growth rate	(%)	1995–2004	2.9	2.2
	in urban	(%)	2005	12	38
Total fertility rate (per woman)			2004	7.1	5.3
Adolescent fertility proportion		(%)	1999	13.6	11.7
Adult literacy rate		(%)	2000–2004	68.9	60.1
Net primary school enrolment ratio	Males	(%)	1998–2004	...	70
	Females	(%)		...	63
Gross national income per capita		(PPP Int.\$)	2004	1520	2 074
Population living below the poverty line		(% with <\$1a day)	1999	84.9	44

... Data not available or not applicable.

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

HEALTH STATUS STATISTICS MORTALITY ^a			YEARS	UGANDA	WHO AFRICAN REGION
Life expectancy at birth (years)	Males		2004	48	47
Life expectancy at birth (years)	Females		2004	51	49
Healthy life expectancy (HALE) at birth (years)	Males		2002	42	40
Healthy life expectancy (HALE) at birth (years)	Females		2002	44	42
Probability of dying per 1 000 population between 15 and 60 years (adult mortality rate)	Males		2004	525	519
	Females		2004	446	465
Probability of dying per 1 000 live births under 5 years (under-5 mortality)	Both sexes		2004	138	167
Infant mortality rate (per 1 000 live births)	Both sexes		2004	81	100
Neonatal mortality rate (per 1 000 live births)	Both sexes		2000	32	43
Maternal mortality ratio (per 100 000 live births)	Females		2000	880	910
Cause-specific mortality rate (per 100 000 population) (Both sexes)	HIV/AIDS		2003	290	313
	TB among HIV-negative people		2004	71	53
	TB among HIV-positive people		2004	22	28
Age-standardized mortality rate by cause (per 100 000 population) (Both sexes)	Non-communicable diseases		2002	824	800
	Cardio-vascular diseases		2002	422	404
	Cancer		2002	146	144
	Injuries		2002	154	133
Years of life lost by broader causes (%) (Both sexes)	Communicable diseases		2002	84	59
	Non-communicable diseases		2002	8	10
	Injuries		2002	8	8
Causes of death among children under 5 years of age (%) (Both sexes)	Neonatal causes		2000	23.6	26.2
	HIV/AIDS		2000	7.7	6.8
	Diarrhoeal diseases		2000	17.2	16.6
	Measles		2000	3.0	4.3
	Malaria		2000	23.1	17.5
	Pneumonia		2000	21.1	21.1
	Injuries		2000	2.2	1.9
	Other		2000	2.1	5.6

... Data not available or not applicable.

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



World Health Organization

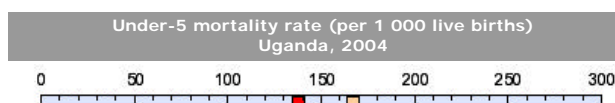
Mortality Country Fact Sheet 2006

Uganda



Summary	Year	Males	Females	Both sexes
Population (millions)	2005	14.4	14.4	28.8
Life expectancy (years)	2004	48	51	49
Under-5 mortality (per 1 000 live births)	2004	144	132	138
Adult mortality (per 1 000)	2004	525	446	
Maternal mortality (per 100 000 live births)	2000		880	

Source: World Health Statistics 2006

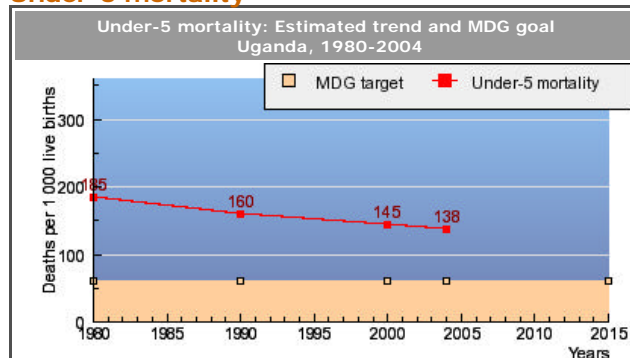


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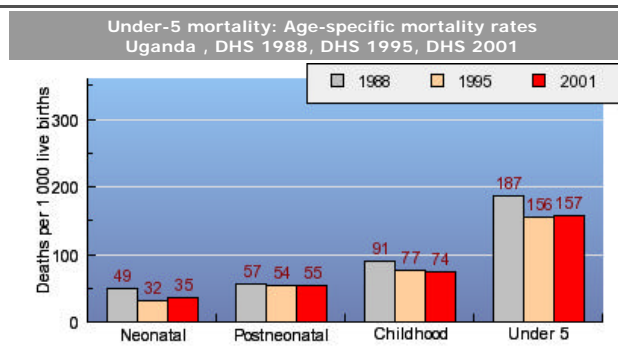
- WHO African Region
- Uganda

Source: World Health Statistics 2006

Under-5 mortality



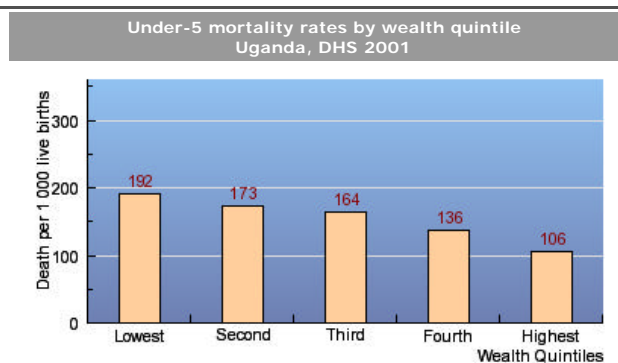
Source: i) WHO mortality database ii) World Health Statistics 2006



Note: rate for 5 years preceding the survey
Source: DHS 1988, DHS 1995, DHS 2001

Category	Lowest	Highest	Ratio
Wealth/assets quintiles	192	106	1.8
Sex	Males	Females	Ratio
	164	150	1.1
Urban/Rural	Rural	Urban	Ratio
	164	101	1.6
Mother's education quintiles	None	Higher	Ratio
	187	93	2.0

Note: rate per 1 000 live births for 10-year period preceding the survey
Source: DHS 2001



Note: rate for 10-year period preceding the survey
Source: DHS 2001



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Causes of death in children under-5

Distribution of causes of death among children under 5 years of age Uganda, 2000-2003			Annual estimated proportions of death by cause for neonates Uganda, 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	24	26	Neonatal tetanus	5	9
HIV/AIDS	8	7	Severe infection ^a	26	27
Diarrhoeal diseases	17	17	Birth asphyxia	27	24
Measles	3	4	Diarrhoeal diseases	2	3
Malaria	23	17	Congenital anomalies	7	6
Pneumonia	21	21	Preterm birth ^b	25	23
Injuries	2	2	Others	8	7
Others	2	6			

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

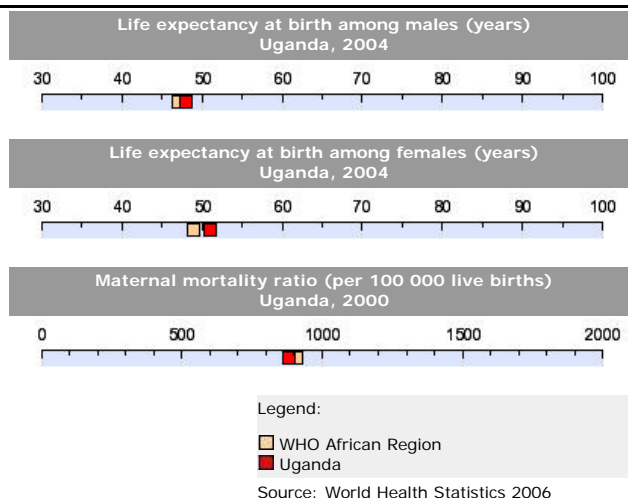
a. Includes deaths from pneumonia, meningitis, sepsis/septicaemia and other infections during the neonatal period.
b. Includes only deaths directly attributed to prematurity and to specific complications of preterm birth such as surfactant deficiency, but not all deaths in preterm infants.
c. Sum of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

Causes of Death

Top ten causes of death, all ages Uganda, 2002			
Causes	Deaths		Years of Life Lost (%)
	(000)	(%)	
All causes	380	100	100
HIV/AIDS	94	25	24
Malaria	41	11	13
Lower respiratory infections	39	11	13
Diarrhoeal diseases	30	8	9
Perinatal conditions	16	4	5
Tuberculosis	15	4	3
Cerebrovascular disease	11	3	1
Ischaemic heart disease	10	3	1
Measles	7	2	3
Tetanus	7	2	3

Source: [Death and DALY estimates by cause, 2002](#)

<http://www.who.int/entity/healthinfo/statistics/bodgbdeathdalyestimates.xls>



HEALTH STATUS STATISTICS MORBIDITY ^a		YEARS	UGANDA	WHO AFRICAN REGION
HIV prevalence among adults (15 - 49) (%)	Both sexes	2003	4.1	7.1
TB prevalence (per 100 000 population)	Both sexes	2004	646	518
TB incidence (per 100 000 population)	Both sexes	2004	402	356
Number of confirmed polio cases	Both sexes	2005	0	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	UGANDA	WHO AFRICAN REGION
Non-communicable diseases - Infobase for the count	See --> http://www.afro.who.int/dnc/infobase/Uganda.pdf			
Children under-5 stunted for age (Both sexes) (%)		2000-01	39.1	...
Children under-5 underweight for age (Both sexes) (%)		2000-01	22.9	...
Children under-5 overweight for age (Both sexes) (%)		2000-01	2.6	...
Newborns with low birth weight (Both sexes) (%)		2000-2002	12	14
Adults (≥15) who are obese (%)	Males	...	...	...
	Females	...	...	...
Access to improved water sources (%)	Urban	2002	87	84
	Rural	2002	52	45
Access to improved sanitation (%)	Urban	2002	53	58
	Rural	2002	39	28
Population using solid fuels (%)	Urban	2003	85	...
	Rural	2003	99	...
Prevalence of current tobacco use (%) Adolescents (13 - 15)	Both sexes	...	...	...
Prevalence of current tobacco use (%) Adults (≥15)	Males	2001	25.2	...
	Females	2001	3.3	...
Condom use by young people (15 - 24) at higher risk sex (%)	Males	2004	55	...
	Females	2004	53	...

... Data not available or not applicable.

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

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HEALTH SERVICES COVERAGE STATISTICS ^a			YEARS	UGANDA	WHO AFRICAN REGION
Immunization coverage among 1-year-olds	Measles (%)		2004	91	66
	DTP3 (%)		2004	87	66
	HepB3 (%)		2004	87	35
Antenatal care coverage	At least 1 visit (%)		2000-01	92	...
	At least 4 visits (%)		2000-01	40	...
Births attended by skilled health personnel	(%)		2000	39	...
Contraceptive prevalence rate	(%)		2000-01	22.8	...
Children under-5 sleeping under insecticide-treated nets	(%)		2000-01	0.2	...
Antiretroviral therapy coverage	(%)		Dec 2005	51	17
TB detection rate under DOTS	(%)		2004	43	48
TB detection treatment success DOTS	(%)		2003 cohort	68	72
Children under-5 with ARI symptoms taken to facility	(%)		2000-01	66.5	...
Children under-5 with diarrhoea receiving ORT	(%)		2000-01	27.7	...
Children under-5 with fever who received treatment with any antimalarial	(%)		...	...	...
Children 6-59 months who received vitamin A supplementation	(%)		2002	46.0	...
Births by Caesarean section	(%)		2000-01	3	...

... Data not available or not applicable.

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

HEALTH SYSTEMS STATISTICS ^a			YEARS	UGANDA
Physicians	Number		2004	2 209
	Density		2004	0.08
Nurses	Number		2004	16 221
	Density per 1000		2004	0.61
Midwives	Number		2004	3 104
	Density per 1000		2004	0.116
Dentists	Number		2004	363
	Density per 1000		2004	0.01
Pharmacists	Number		2004	688
	Density per 1000		2004	0.03
Public and environmental health workers	Number		2004	1 042
	Density per 1000		2004	0.04
Community Health workers	Number		...	...
	Density per 1000		...	...
Lab technicians	Number		2004	1 702
	Density per 1000		2004	0.06
Other health workers	Number		2004	3 617
	Density per 1000		2004	0.14
Health management and support workers	Number		2004	6 499
	Density per 1000		2004	0.24
Total expenditure on health as % of gross domestic product			2003	7.3
General government expenditure on health as % of total expenditure on health			2003	30.4
Private expenditure on health as % of total expenditure on health			2003	69.6
General government expenditure on health as % of total government expenditure			2003	10.7
External resources for health as % of total expenditure on health			2003	28.5
Social security expenditure on health as % of general government expenditure on health			2003	0.0
Out-of-pocket expenditure as % of private expenditure on health			2003	52.8
Private prepaid plans as % of private expenditure on health			2003	0.2
Per capita total expenditure on health at average exchange rate (US\$)			2003	18
Per capita total expenditure on health at international dollar rate			2003	75
Per capita government expenditure on health at average exchange rate (US\$)			2003	5
Per capita government expenditure on health at international dollar rate			2003	23
Coverage of vital registration of deaths (%)			2002	<25
Hospital beds (per 10 000)			...	...

... Data not available or not applicable.

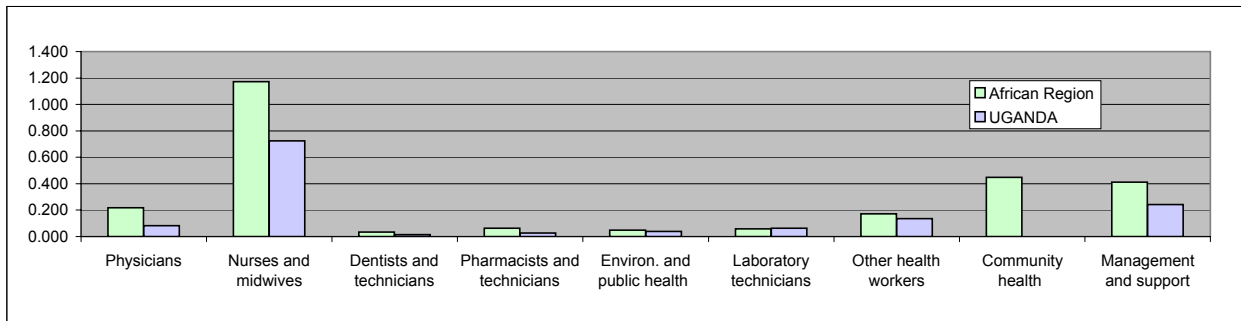
^a WORLD HEALTH STATISTICS 2006 <http://www.who.int/whosis/en/>

HUMAN RESOURCES FOR HEALTH
Country Fact Sheet Uganda

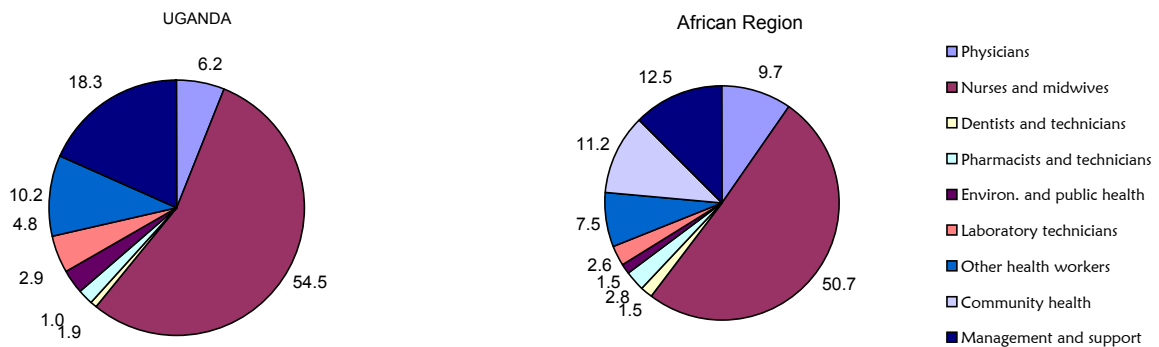
Total numbers and densities of the health workforce in UGANDA (2002)

	Total number UGANDA	Density per 1000 UGANDA	Density per 1000 AFRO
Physicians	2209	0.083	0.217
Nurses and midwives	19325	0.724	1.172
Dentists and technicians	363	0.014	0.035
Pharmacists and technicians	688	0.026	0.063
Environmental and public health workers	1042	0.039	0.049
Laboratory technicians	1702	0.064	0.057
Other health workers	3617	0.135	0.173
Community health workers	n.a.	n.a.	0.449
Health management and support	6499	0.243	0.411
Sum total	35445	1.328	2.626

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



Distribution of health workforce by cadre



MILLENNIUM DEVELOPMENT GOALS ^a	YEARS	UGANDA	WHO AFRICAN REGION
GOAL 1: ERADICATE EXTREME POVERTY AND HUNGER			
4. Prevalence of underweight children under five years of age	2000	22.8	26
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	165	...
	2003	140	171
	2004	138	167
14. Infant mortality rate (per 1000 live births, %)	1990	104	...
	2003	81	...
	2004	81	100
15. Proportion of one-year-old children immunized against measles, %	2003	82	63
	2004	91	66
GOAL 5: IMPROVE MATERNAL HEALTH			
16. Maternal mortality ratio (per 100 000 live births)	1990	1200	...
	1995	1100	...
	2000	880	990
	2003	...	...
	2004	...	...
17. Proportion of births attended by skilled health personnel	2000	39	43
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	4.1	7.1
19. Condom use rate of the contraceptive prevalence rate	...	...	...
- Contraceptive prevalence rate	2000	22.8	...
20. Number of children orphaned by HIV/AIDS	...	...	...
21. Prevalence rate associated with malaria	...	...	...
- Death rates associated with malaria (per 100 000)	2000	151	...
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	284	317
	2000	544	...
	2004	646	518
- Death rates associated with tuberculosis	1990	57	41
	2000	61	...
	2004	92	81
24. Proportion of tuberculosis cases detected under DOTS	2003	44	50
	2004	43	48
- Proportion of tuberculosis cases cured under DOTS	2002	60	73
	2003	68	72
GOAL 7: ENSURE ENVIRONMENTAL SUSTAINABILITY			
29. Proportion of population using solid fuels	2002	>95	76
30. Proportion of population with sustainable access to improved water source, urban	2002	87	84
- Proportion of population with sustainable access to improved water source, rural	2002	52	45
31. Proportion of urban population with access to improved sanitation	2002	53	58
- Proportion of rural population with access to improved sanitation	2002	39	28
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/>

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