World Health Organization Africa

Country Health System Fact Sheet 2006
Mozambique

Largest urban agglomeration or Capital city : MAPUTO
Official language: PORTUGUESE
Surface area (square kms) : 801590
Population density (per square km): 25

DEMOGRAPHIC AND SOCIOECONOMICS STATISTICS [a]			YEARS	MOZAMBIQUE	WHO AFRICAN REGION
Population	number	(000)	2005	19 792	738 083
	annual growth rate	(%)	1995–2004	2.1	2.2
	in urban	(%)	2005	38	38
Total fertility rate (per woman)			2004	5.4	5.3
Adolescent fertility proportion		(%)	2002	16.2	11.7
Adult literacy rate		(%)	2000–2004	46.5	60.1
Net primary school enrolment ratio	Males	(%)	1998–2004	58	70
	Females	(%)		53	63
Gross national income per capita		(PPP Int.$)	2004	1160	2 074
Population living below the poverty line		(% with <$1a day)	1997-2003	…	44

… Data not available or not applicable.

[a] *WORLD HEALTH STATISTICS 2006 http://www.who.int/whosis/en/*

HEALTH STATUS STATISTICS MORTALITY [a]		YEARS	MOZAMBIQUE	WHO AFRICAN REGION
Life expectancy at birth (years)	Males	2004	44	47
Life expectancy at birth (years)	Females	2004	46	49
Healthy life expectancy (HALE) at birth (years)	Males	2002	36	40
Healthy life expectancy (HALE) at birth (years)	Females	2002	38	42
Probability of dying per 1 000 population between 15 and 60 years (adult mortality rate)	Males	2004	627	519
	Females	2004	549	465
Probability of dying per 1 000 live births under 5 years (under-5 mortality rate)	Both sexes	2004	152	167
Infant mortality rate (per 1 000 live births)	Both sexes	2004	102	100
Neonatal mortality rate (per 1 000 live births)	Both sexes	2000	48	43
Maternal mortality ratio (per 100 000 live births)	Females	2000	1000	910
Cause-specific mortality rate (per 100 000 population) (Both sexes)	HIV/AIDS	2003	577	313
	TB among HIV-negati	2004	62	53
	TB among HIV-positiv	2004	67	28
Age-standardized mortality rate by cause (per 100 000 population) (Both sexes)	Non-communicable di	2002	720	800
	Cardio-vascular disea	2002	371	404
	Cancer	2002	124	144
	Injuries	2002	66	133
Years of life lost by broader causes (%) (Both sexes)	Communicable diseas	2002	91	59
	Non-communicable di	2002	7	10
	Injuries	2002	2	8
Causes of death among children under 5 years of age (%) (Both sexes)	Neonatal causes	2000	29.0	26.2
	HIV/AIDS	2000	12.9	6.8
	Diarrhoeal diseases	2000	16.5	16.6
	Measles	2000	0.3	4.3
	Malaria	2000	18.9	17.5
	Pneumonia	2000	21.2	21.1
	Injuries	2000	1.0	1.9
	Other	2000	0.1	5.6

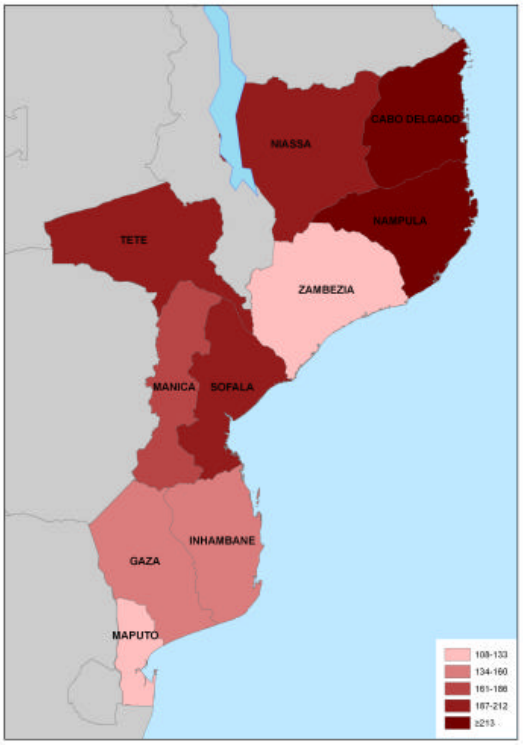
… Data not available or not applicable.

[a] *WORLD HEALTH STATISTICS 2006 http://www.who.int/whosis/en/*

Mortality Country Fact Sheet 2006

World Health Organization

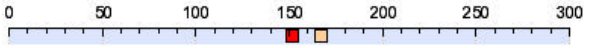
Under-5 mortality rates per 1 000 live births by sub-national region Mozambique, 2003



Summary	Year	Males	Females	Both sexes
Population (millions)	2005	9.6	10.2	19.8
Life expectancy (years)	2004	44	46	45
Under-5 mortality (per 1 000 live births)	2004	154	150	152
Adult mortality (per 1 000)	2004	627	549	
Maternal mortality (per 100 000 live births)	2000		1000	

Source: World Health Statistics 2006

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



Legend:

- WHO African Region
- Mozambique

Source: World Health Statistics 2006

About the map

Note:

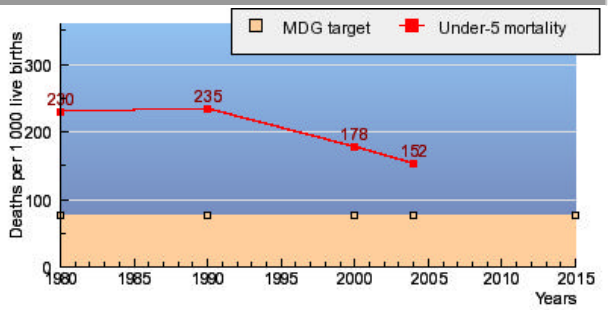
a. The interval of each of the categories have been derived by taking the difference between the minimum and maximum among the regional rates and dividing it equally into 5. The formula is: (maximum of regional rate - minimum of regional rate)/5

b. Rate for 5 years preceding the survey

Source: DHS Mozambique 2003

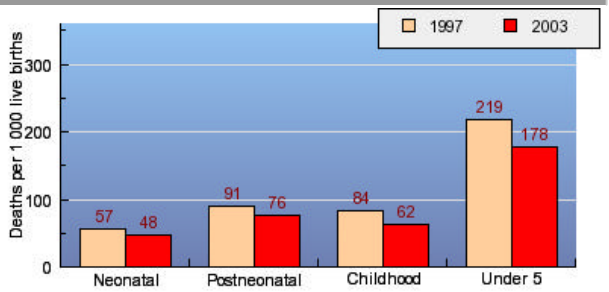
Under-5 mortality

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



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

Under-5 mortality: Age-specific mortality rates Mozambique , DHS 1997, DHS 2003



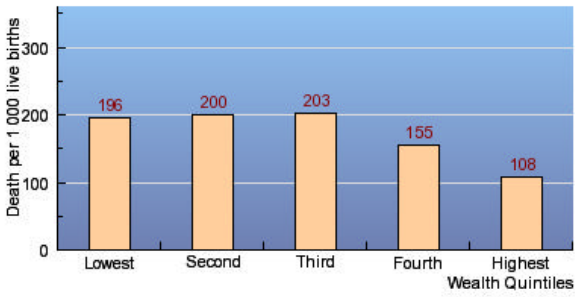
Note: rate for 5 years preceding the survey
Source: DHS 1997 , DHS 2003

Under-5 mortality: for highest and lowest quintiles Mozambique, DHS 2003

Wealth/assets quintiles	Lowest	Highest	Ratio
	196	108	1.8
Sex	**Males**	**Females**	**Ratio**
	181	176	1.0
Urban/Rural	**Rural**	**Urban**	**Ratio**
	192	143	1.3
Mother's education quintiles	**None**	**Higher**	**Ratio**
	201	86	2.3

Note: rate per 1 000 live births for 10-year period preceding the survey
Source: DHS 2003

Under-5 mortality rates by wealth quintile Mozambique, DHS 2003



Note: rate for 10-year period preceding the survey
Source: DHS 2003

Mortality Country Fact Sheet 2006

World Health Organization

Causes of death in children under-5

Distribution of causes of death among children under 5 years of age Mozambique, 2000-2003

Causes	Deaths[b] (%)	Regional average (%)
Total neonatal deaths	100	100
Neonatal causes[a]	29	26
HIV/AIDS	13	7
Diarrhoeal diseases	17	17
Measles	0	4
Malaria	19	17
Pneumonia	21	21
Injuries	1	2
Others	0	6

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

Annual estimated proportions of death by cause for neonates Mozambique, 2000

Causes	Deaths[c] (%)	Regional average[c] (%)
Total neonatal deaths	100	100
Neonatal tetanus	10	9
Severe infection[a]	38	27
Birth asphyxia	19	24
Diarrhoeal diseases	4	3
Congenital anomalies	5	6
Preterm birth[b]	19	23
Others	5	7

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 Mozambique, 2002

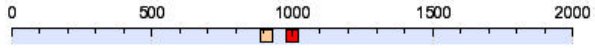
Causes	Deaths (000)	Deaths (%)	Years of Life Lost (%)
All causes	385	100	100
HIV/AIDS	108	28	26
Malaria	34	9	11
Diarrhoeal diseases	30	8	10
Lower respiratory infections	28	7	8
Perinatal conditions	20	5	7
Measles	13	3	5
Tuberculosis	11	3	3
Cerebrovascular disease	8	2	1
Ischaemic heart disease	7	2	1
Protein-energy malnutrition	3	1	1

Source: Death and DALY estimates by cause, 2002
http://www.who.int/entity/healthinfo/statistics/bodgbddeathdalyestimates.xls

Life expectancy at birth among males (years) Mozambique, 2004

Life expectancy at birth among females (years) Mozambique, 2004

Maternal mortality ratio (per 100 000 live births) Mozambique, 2000



Legend:

WHO African Region
Mozambique

Source: World Health Statistics 2006

World Health Organization Africa

Country Health System Fact Sheet 2006
Mozambique

HEALTH STATUS STATISTICS MORBIDITY [a]		YEARS	MOZAMBIQUE	WHO AFRICAN REGION
HIV prevalence amond adults (15 - 49) (%)	Both sexes	2003	12.2	7.1
TB prevalence (per 100 000 population)	Both sexes	2004	635	518
TB incidence (per 100 000 population)	Both sexes	2004	460	356
Number of comfirmed 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	MOZAMBIQUE	WHO AFRICAN REGION
Non-communicable diseases - Infobase for the country	See ---> http://www.afro.who.int/dnc/infobase/Mozambique.pdf			
Chilfren under-5 stunted for age (Both sexes) (%)		2003	41.0	...
Children under-5 underweight for age(Both sexes) (%)		2003	23.7	...
Children under-5 overweight for age(Both sexes) (%)		2003	3.0	...
Newborns with low birth weigh(Both sexes) (%)		2000-2002	14	14
Adults (≥15) who are obese (%)	Males	2003	...	...
	Females	2003	3.8	...
Access to improved water sources(%)	Urban	2002	76	84
	Rural	2002	24	45
Access to improved sanitation(%)	Urban	2002	51	58
	Rural	2002	14	28
Population using solid fuels(%)	Urban	...	...	...
	Rural	...	...	...
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	2003	33	...
	Females	2003	29	...

... Data not available or not applicable.

[a] *WORLD HEALTH STATISTICS 2006 http://www.who.int/whosis/en/*

World Health Organization Africa

Country Health System Fact Sheet 2006
Mozambique

HEALTH SERVICES COVERAGE STATISTICS [a]			YEARS	MOZAMBIQUE	WHO AFRICAN REGION
Immunization coverage among 1-year-olds	Measles	(%)	2004	77	66
	DTP3	(%)	2004	72	66
	HepB3	(%)	2004	72	35
Antenatal care coverage	At least 1 visit	(%)	1997	71	…
	At least 4 visits	(%)	1997	41	…
Births attended by skilled health personnel		(%)	2003	48	…
Contraceptive prevalence rate		(%)	2003	16.5	…
Children under-5 sleeping under insecticide-treated nets		(%)	…	...	…
Antiretroviral therapy coverage		(%)	Dec 2005	9	17
TB detection rate under DOTS		(%)	2004	46	48
TB detection treatment success DOTS		(%)	2003 cohort	76	72
Children under-5 with ARI symptoms taken to facility		(%)	2003	55.4	…
Children under-5 with diarrhoea receiving ORT		(%)	2003	46.7	…
Children under-5 with fever who received treatment with any antimalarial		(%)	…	...	…
Children 6-59 months who received vitamin A supplementation		(%)	2002	...	…
Births by Caesarean section		(%)	1997	3	…

… Data not available or not applicable.

[a] *WORLD HEALTH STATISTICS 2006 http://www.who.int/whosis/en/*

HEALTH SYSTEMS STATISTICS [a]		YEARS	MOZAMBIQUE
Physicians	Number	2004	514
	Density	2004	0.03
Nurses	Number	2004	3 954
	Density per 1000	2004	0.21
Midwives	Number	2004	2 229
	Density per 1000	2004	0.12
Dentists	Number	2004	159
	Density per 1000	2004	0.01
Pharmacists	Number	2004	618
	Density per 1000	2004	0.03
Public and environmental health workers	Number	2004	564
	Density per 1000	2004	0.03
Community Health workers	Number	…	...
	Density per 1000	…	...
Lab technicians	Number	2004	941
	Density per 1000	2004	0.05
Other health workers	Number	2004	1 633
	Density per 1000	2004	0.09
Health management and support workers	Number	2004	9 517
	Density per 1000	2004	0.50
Total expenditure on health as % of gross domestic product		2003	4.7
General government expenditure on health as % of total expenditure on health		2003	61.7
Private expenditure on health as % of total expenditure on health		2003	38.3
General government expenditure on health as % of total government expenditure		2003	10.9
External ressources for health as % of total expenditure on health		2003	40.8
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	38.8
Private prepaid plans as % of private expenditure on health		2003	0.5
Per capita total expenditure on health at average exchange rate (US$)		2003	12
Per capita total expenditure on health at international dollar rate		2003	45
Per capita government expenditure on health at average exchange rate (US$)		2003	7
Per capita government expenditure on health at international dollar rate		2003	28
Coverage of vital registration of deaths (%)		1997	<25
Hospital beds (per 10 000)		…	...

… Data not available or not applicable.

[a] *WORLD HEALTH STATISTICS 2006 http://www.who.int/whosis/en/*

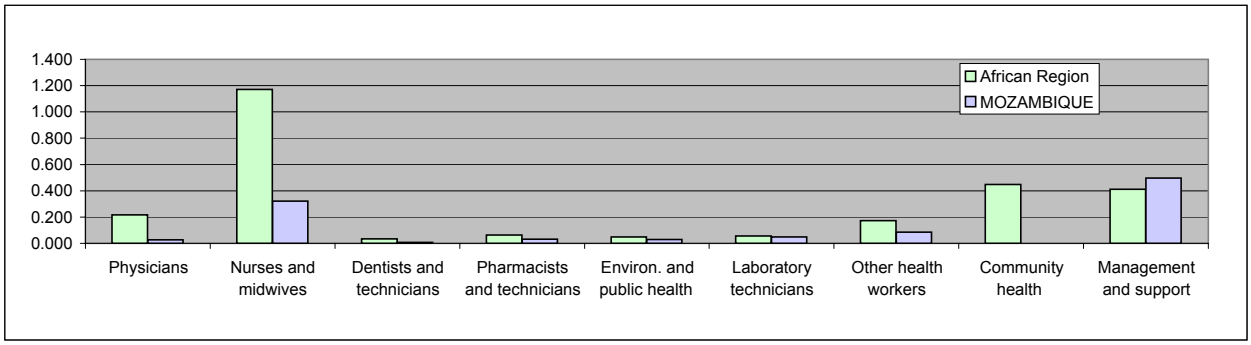
Country Health System Fact Sheet 2006
Mozambique

HUMAN RESOURCES FOR HEALTH
Country Fact Sheet Mozambique

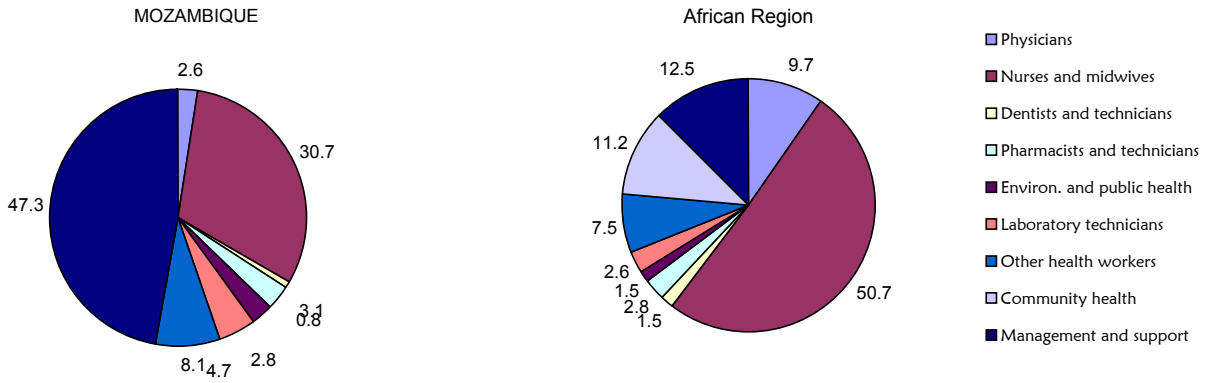
Total numbers and densities of the health workforce in MOZAMBIQUE (2002)

	Total number MOZAMBIQUE	Density per 1000 MOZAMBIQUE	Density per 1000 AFRO
Physicians	514	0.027	0.217
Nurses and midwives	6183	0.322	1.172
Dentists and technicians	159	0.008	0.035
Pharmacists and technicians	618	0.032	0.063
Environmental and public health workers	564	0.029	0.049
Laboratory technicians	941	0.049	0.057
Other health workers	1633	0.085	0.173
Community health workers	n.a.	n.a.	0.449
Health management and support	9517	0.496	0.411
Sum total	20129	1.049	2.626

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



Distribution of health workforce by cadre



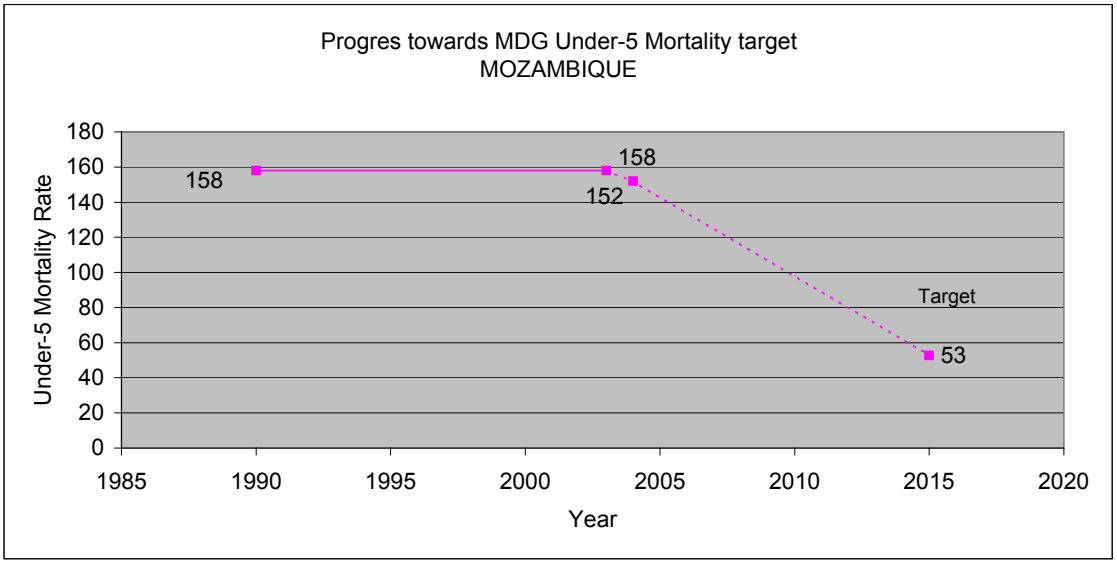
World Health Organization Africa

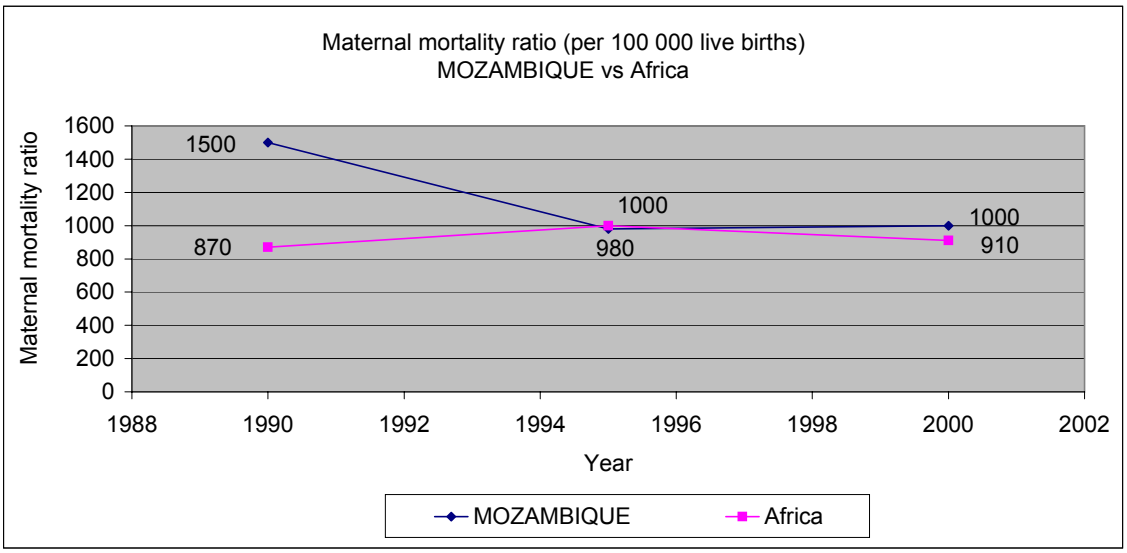
Country Health System Fact Sheet 2006
Mozambique

MILLENIUM DEVELOPMENT GOALS[a]	YEARS	MOZAMBIQUE	WHO AFRICAN REGION
GOAL 1: ERADICATE EXTREME POVERTY AND HUNGER			
4. Prevalence of underweight children under five years of age	2000	26.1	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	…	...
	2003	158	171
	2004	152	167
14. Infant mortality rate (per 1000 live births, %)	1990	150	...
	2003	109	...
	2004	102	100
15. Proportion of one-year-old children immunized against measles, %	2003	77	63
	2004	77	66
GOAL 5: IMPROVE MATERNAL HEALTH			
16.Maternal mortality ratio (per 100 000 live births)	1990	1500	…
	1995	980	…
	2000	1000	990
	2003	…	…
	2004	…	…
17. Proportion of births attended by skilled health personnel	2000	48	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	12.2	7.1
19. Condom use rate of the contraceptive prevalence rate	…	…	…
- Contraceptive prevalence rate	2000	16.5	…
20. Number of children orphaned by HIV/AIDS	…	…	…
21. Prevalence rate associated with malaria	…	…	…
- Death rates associated with malaria (per 100 000)	2000	263	…
22. Proportion of population in malaria-risk areas using effective malaria prevention and trreatment measures	…	…	…
23. Prevalence rate associated with tuberculosis (per 100 000)	1990	275	317
	2000	473	…
	2004	635	518
- Death rates associated with tuberculosis	1990	37	41
	2000	52	…
	2004	129	81
24. Proportion of tuberculosis cases detected under DOTS	2003	45	50
	2004	46	48
- Proportion of tuberculosis cases cured under DOTS	2002	78	73
	2003	76	72
GOAL 7: ENSURE ENVIRONMENTAL SUSTAINABILITY			
29. Proportion of population using solid fuels	2002	80	76
30. Proportion of population with sustainable access to improved water source, urban	2002	76	84
- Proportion of population with sustainable access to improved water source, rural	2002	24	45
31. Proportion of urban population with access to improved sanitation	2002	51	58
- Proportion of rural population with access to improved sanitation	2002	14	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/*


Progres towards MDG Under-5 Mortality target
MOZAMBIQUE
Under-5 Mortality Rate
180
160
140
120
100
80
60
40
20
0
158
158
152
Target
53
1985
1990
1995
2000
2005
2010
2015
2020
Year


Maternal mortality ratio (per 100 000 live births)
MOZAMBIQUE vs Africa
Maternal mortality ratio
1600
1400
1200
1000
800
600
400
200
0
1500
1000
1000
870
980
910
1988
1990
1992
1994
1996
1998
2000
2002
Year
MOZAMBIQUE
Africa