

Sudan

Population	36.2 mio
GNI/capita	1 880 US\$
% urbanization	41%
% people living in cities greater than 100 000 inhabitants	17%
Population below the poverty line (national)	NA
Population below the poverty line (international, <\$1/day)	NA
Under age 5 mortality rate	89/1000 live births (2006)
Life expectancy	60 years (2006)

Environmental burden of disease for selected risk factors, per year

Estimates based on national exposure and WHO country health statistics 2004

Risk factor	Exposure	Deaths /year	DALYs /1000 cap /year
Water, sanitation and hygiene (diarrhoea only)	Improved water: 70%	17 900	16
	Improved sanitation: 34%		
Indoor air	SFU% households: >95%	13 900	11
Outdoor air	Mean urban PM10: 219 ug/m3	5 300	1.7
Main malaria vectors	<i>A. gambiae</i> , <i>A. arabiensis</i> , <i>A. funestus</i> , <i>A. nili</i> , <i>A. moucheti</i>		
Main other vectors	<i>Phlebotomus papatasi</i> , <i>P. duboscqi</i> , <i>Culex quinquefasciatus</i>		

Environmental burden of disease (preliminary), per year

Estimates based on Comparative Risk Assessment, evidence synthesis and expert evaluation for regional exposure and WHO country health statistics 2004

DALYs/1000 cap	(World - lowest: 13, highest: 289)	95
Deaths		97 000
% of total burden		24%

Environmental burden by disease category [DALYs/1000 capita], per year

Disease group	World's lowest country rate	Country rate	World's highest country rate
Diarrhoea	0.2	17	107
Respiratory infections	0.1	9.1	71
Malaria	0.0	11	34
Other vector-borne diseases	0.0	1.5	4.9
Lung cancer	0.0	0.1	2.6
Other cancers	0.3	1.7	4.1
Neuropsychiatric disorders	1.4	1.6	3.0
Cardiovascular disease	1.4	3.7	14
COPD	0.0	0.9	4.6
Asthma	0.3	1.2	2.8
Musculoskeletal diseases	0.5	0.6	1.5
Road traffic injuries	0.3	6.8	15
Other unintentional injuries	0.6	9.1	30
Intentional injuries	0.0	3.7	7.5

Other indicators

Use of leaded gasoline	No	(2008)
Overcrowding	NA	
Malnutrition (% stunting)	48%	(2000)