

## Sierra Leone

Population	5.5 mio
GNI/capita	660 US\$
% urbanization	41%
% people living in cities greater than 100 000 inhabitants	20%
Population below the poverty line (national)	70% (2003/2004)
Population below the poverty line (international, <\$1/day)	57% (1989)
Under age 5 mortality rate	269/1000 live births (2006)
Life expectancy	40 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:	57%	<b>16 200</b>	<b>98</b>
	Improved sanitation:	39%		
Indoor air	SFU% households:	92%	<b>10 800</b>	<b>67</b>
Outdoor air	Mean urban PM10:	69 ug/m3	<b>700</b>	<b>2.3</b>
Main malaria vectors	<i>A. melas, A. gambiae, A. funestus</i>			
Main other vectors	<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)	<b>285</b>
Deaths		<b>46 500</b>
% of total burden		<b>35%</b>

### 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	<b>103</b>	107
Respiratory infections	0.1	<b>65</b>	71
Malaria	0.0	<b>27</b>	34
Other vector-borne diseases	0.0	<b>1.8</b>	4.9
Lung cancer	0.0	<b>0.1</b>	2.6
Other cancers	0.3	<b>2.1</b>	4.1
Neuropsychiatric disorders	1.4	<b>1.9</b>	3.0
Cardiovascular disease	1.4	<b>4.4</b>	14
COPD	0.0	<b>1.6</b>	4.6
Asthma	0.3	<b>1.9</b>	2.8
Musculoskeletal diseases	0.5	<b>0.7</b>	1.5
Road traffic injuries	0.3	<b>6.9</b>	15
Other unintentional injuries	0.6	<b>11</b>	30
Intentional injuries	0.0	<b>2.6</b>	7.5

### Other indicators

Use of leaded gasoline	No	(2008)
Overcrowding	NA	
Malnutrition (% stunting)	47%	(2005)