

Canada

Population	32.3 mio
GNI/capita	32 220 US\$
% urbanization	80%
% people living in cities greater than 100 000 inhabitants	79%
Population below the poverty line (national)	NA
Population below the poverty line (international, <\$1/day)	NA
Under age 5 mortality rate	6/1000 live births
Life expectancy	80 years

Environmental burden of disease for selected risk factors, per year

Risk factor	Exposure		Deaths /year	DALYs/ 1000 cap /year
Water, sanitation and hygiene (diarrhoea only)	Improved water:	100%	-	0.2
	Improved sanitation:	100%		
Indoor air	SFU% households:	<5%	-	-
Outdoor air	Mean urban PM10:	21 ug/m3	2 700	0.5
Main malaria vectors	No transmission			
Main other vectors	none			

Environmental burden of disease (preliminary), per year

Estimate based on regional exposure and national health statistics 2004		
DALYs/1000 cap	(World - lowest: 14, highest: 316)	16
Deaths		36 000
% of total burden		13%

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	0.2	114
Respiratory infections	0.1	0.2	56
Malaria	0.0	0.0	32
Other vector-borne diseases	0.0	-	4.2
Lung cancer	0.0	1.3	2.5
Other cancers	0.5	2.3	4.1
Neuropsychiatric disorders	1.4	2.7	4.4
Cardiovascular disease	1.3	2.6	13
COPD	0.0	0.4	4.7
Asthma	0.3	1.0	2.4
Musculoskeletal diseases	0.5	0.9	1.5
Road traffic injuries	0.3	0.4	10
Other unintentional injuries	0.9	1.4	19
Intentional injuries	0.0	0.8	7

Other indicators

Use of leaded gasoline (2004)	No
Overcrowding	NA
Malnutrition (% stunting)	NA

China

Population	1 315.8 mio
GNI/capita	6 600 US\$
% urbanization	40%
% people living in cities greater than 100 000 inhabitants	37%
Population below the poverty line (national)	5% (1998)
Population below the poverty line (international, <\$1/day)	17% (2001)
Under age 5 mortality rate	31/1000 live births
Life expectancy	72 years

Environmental burden of disease for selected risk factors, per year

Risk factor	Exposure		Deaths /year	DALYs/ 1000 cap /year
Water, sanitation and hygiene (diarrhoea only)	Improved water:	77%	95 600	3
	Improved sanitation:	44%		
Indoor air	SFU% households:	80%	380 700	2.5
Outdoor air	Mean urban PM10:	80 ug/m3	275 600	1.4
Main malaria vectors	<i>A. anthropophagus</i> ; <i>A. sinensis</i> (north) <i>A. dirus</i> , <i>A. minimus</i> (south)			
Main other vectors	None			

Environmental burden of disease (preliminary), per year

Estimate based on regional exposure and national health statistics 2004	
DALYs/1000 cap	(World - lowest: 14, highest: 316)
Deaths	34
% of total burden	2 350 000
	22%

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	3.6	114
Respiratory infections	0.1	1.8	56
Malaria	0.0	0.0	32
Other vector-borne diseases	0.0	0.2	4.2
Lung cancer	0.0	0.7	2.5
Other cancers	0.5	2.2	4.1
Neuropsychiatric disorders	1.4	1.9	4.4
Cardiovascular disease	1.3	2.9	13
COPD	0.0	3.9	4.7
Asthma	0.3	0.8	2.4
Musculoskeletal diseases	0.5	0.9	1.5
Road traffic injuries	0.3	2.3	10
Other unintentional injuries	0.9	6.0	19
Intentional injuries	0.1	1.7	7

Other indicators

Use of leaded gasoline (2004)	No
Overcrowding	NA
Malnutrition (% stunting)	19% (2002)

United States of America

Population	298 mio
GNI/capita	41 950 US\$
% urbanization	81%
% people living in cities greater than 100 000 inhabitants	72%
Population below the poverty line (national)	NA
Population below the poverty line (international, <\$1/day)	NA
Under age 5 mortality rate	8/1000 live births
Life expectancy	78 years

Environmental burden of disease for selected risk factors, per year

Risk factor	Exposure	Deaths /year	DALYs /1000 cap /year
Water, sanitation and hygiene (diarrhoea only)	Improved water: 100%	-	0.2
	Improved sanitation: 100%	-	
Indoor air	SFU% households: <5%	-	-
Outdoor air	Mean urban PM10: 24 ug/m3	41 200	0.8
Main malaria vectors	No transmission		
Main other vectors	None		

Environmental burden of disease (preliminary), per year

Estimate based on regional exposure and national health statistics 2004		
DALYs/1000 cap	(World - lowest: 14, highest: 316)	19
Deaths		398 000
% of total burden		13%

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	0.3	114
Respiratory infections	0.1	0.2	56
Malaria	0.0	0.0	32
Other vector-borne diseases	0.0	0.0	4.2
Lung cancer	0.0	1.2	2.5
Other cancers	0.5	2.1	4.1
Neuropsychiatric disorders	1.4	3.0	4.4
Cardiovascular disease	1.3	3.6	13
COPD	0.0	0.8	4.7
Asthma	0.3	1.0	2.4
Musculoskeletal diseases	0.5	0.8	1.5
Road traffic injuries	0.3	0.7	10
Other unintentional injuries	0.9	2.0	19
Intentional injuries	0.1	0.9	7

Other indicators

Use of leaded gasoline (2004)	No
Overcrowding	NA
Malnutrition (% stunting)	3% (1999-02)