

Papua New Guinea

| | |
|---|----------------------------|
| Population | 5.9 mio |
| GNI/capita | 1 870 US\$ |
| % urbanization | 13% |
| % people living in cities greater than 100 000 inhabitants | 6% |
| Population below the poverty line (national) | 38% (1996) |
| Population below the poverty line (international, <\$1/day) | NA |
| Under age 5 mortality rate | 73/1000 live births (2006) |
| Life expectancy | 62 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: | 39% | 2 800 | 16 |
| | Improved sanitation: | 44% | | |
| Indoor air | SFU% households: | 90% | 1 600 | 9 |
| Outdoor air | Mean urban PM10: | 11 ug/m3 | - | - |
| Main malaria vectors | <i>A. farauti</i> , <i>A. punctulatus</i> , <i>A. bancrofti</i> , <i>A. annulipes</i> , <i>A. koliensis</i> | | | |
| Main other vectors | <i>Culex pipiens</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) | 74 |
| Deaths | | 13 300 |
| % of total burden | | 26% |

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 | 7.0 | 71 |
| Malaria | 0.0 | 6.7 | 34 |
| Other vector-borne diseases | 0.0 | 1.6 | 4.9 |
| Lung cancer | 0.0 | 0.1 | 2.6 |
| Other cancers | 0.3 | 1.3 | 4.1 |
| Neuropsychiatric disorders | 1.4 | 1.9 | 3.0 |
| Cardiovascular disease | 1.4 | 3.3 | 14 |
| COPD | 0.0 | 1.6 | 4.6 |
| Asthma | 0.3 | 0.7 | 2.8 |
| Musculoskeletal diseases | 0.5 | 1.2 | 1.5 |
| Road traffic injuries | 0.3 | 2.2 | 15 |
| Other unintentional injuries | 0.6 | 5.8 | 30 |
| Intentional injuries | 0.0 | 2.0 | 7.5 |

Other indicators

| | | |
|---------------------------|-----|--------|
| Use of leaded gasoline | No | (2008) |
| Overcrowding | NA | |
| Malnutrition (% stunting) | 44% | (2005) |