

Table 3 Economic loss and burden of disease resulting from environmental factors in Pakistan

Environmental issue/factor	Economic loss, in US\$ billion (% GDP loss)	Resulting diseases	Annual burden of disease (DALYs/deaths)	Source
Inadequate water supply, sanitation and hygiene (water safety)	1.4 (1.81% of GDP)	Diarrhoea, typhoid, hepatitis, intestinal worms, dengue fever, and others	1.6 million diarrhoea DALYs 900 000 typhoid DALYs 250 000 infant deaths	World Bank, 2006 WHO, 2006
Air pollution				
Outdoor	0.8 (1.08% of GDP)	ARI, heart ailment, lung cancer, chronic bronchitis and others	22 000 premature adult deaths DALYS lost = 163 432	World Bank, 2006 WHO, 2006
Indoor	0.75 (1.0% of GDP)	ARI, chronic bronchitis, cataracts, tuberculosis, low birth weight, and others	40 million cases ARI 28 000 deaths/year	World Bank, 2006
Exposure to lead	0.53 (0.72% of GDP)	Hypertension, blood pressure, heart disease, and others	DALYS lost = 355 918	World Bank, 2006

GDP = gross domestic product; DALYs = disability-adjusted life years; WHO = World Health Organization; ARI = acute respiratory infection.