

# Tonga

Environmental strategy/action plan prepared in ..

	Country data	Group data	
		East Asia & Pacific	Lower middle income
Population (millions)	0.1	1,870	2,442
Urban population (% of total)	33.8	40.6	48.7
GDP (\$ billions)	0.2	2,651	4,165
GNI per capita, <i>World Bank Atlas</i> method (\$)	1,860	1,416	1,686
<b>Agriculture</b>			
Land area (1,000 sq. km)	1	15,885	38,470
Agricultural land (% of land area)	42	51	43
Irrigated land (% of cropland)	..	..	23.1
Fertilizer consumption (100 grams/ha of arable land)	0	2,296	1,530
Population density, rural (people/sq. km of arable land)	450	559	523
<b>Forests and biodiversity</b>			
Forest area (% of land area)	5.6	28.4	30.7
Annual deforestation (% change, 1990–2005)	0.0	–0.2	0.1
Nationally protected areas (% of total land area)	..	..	7.7
Mammal species, total known	5		
Mammal species, threatened	2		
Bird species, total known	46		
Bird species, threatened	3		
GEF benefits index for biodiversity (0–100)	0.6		
<b>Energy</b>			
GDP per unit of energy use (2000 PPP \$/kg oil equiv)	..	4.6	4.6
Energy use per capita (kg oil equiv)	..	1,007	1,090
Energy from combustible renewables & waste (% of tot.)	..	17.7	14.6
Energy imports, net (% of energy use)	..	–2	–14
Electric power consumption per capita (kWh)	..	1,184	1,329
Electricity generated by coal (% of total)	..	69.4	49.4
<b>Emissions and pollution</b>			
CO <sub>2</sub> emissions per unit of GDP (kg/2000 PPP \$ of GDP)	0.2	0.5	0.5
CO <sub>2</sub> emissions per capita (metric tons)	1.0	2.4	2.6
Particulate matter (urban-pop.-weighted avg., µg/cu. m)	..	80	70
Passenger cars (per 1,000 people)	..	12	29
<b>Water and sanitation</b>			
Internal freshwater resources per capita (cu. m)	..	5,062	7,295
Freshwater withdrawal			
Total (% of internal resources)	..	10.2	7.7
Agriculture (% of total freshwater withdrawal)	..	74	75
Access to improved water source (% of total population)	100	78	81
Rural (% of rural population)	100	69	70
Urban (% of urban population)	100	92	93
Access to improved sanitation (% of total population)	97	49	57
Rural (% of rural population)	96	35	39
Urban (% of urban population)	98	72	78
<b>Environment and health</b>			
ARI prevalence (% of children under age 5)	..		
Diarrhea prevalence (% of children under age 5)	..		
Under-five mortality rate (per 1,000 live births)	25	37	40
<b>National accounting aggregates, 2004</b>			
Gross savings (% of GNI)	..	39.1	32.1
Consumption of fixed capital (% of GNI)	10.9	10.5	10.8
Education expenditure (% of GNI)	3.8	2.3	2.9
Energy depletion (% of GNI)	0.0	4.1	6.5
Mineral depletion (% of GNI)	0.0	0.4	0.5
Net forest depletion (% of GNI)	0.0	0.0	0.0
CO <sub>2</sub> damage (% of GNI)	0.4	1.2	1.1
Particulate emission damage (% of GNI)	..	1.2	1.0
Adjusted net savings (% of GNI)	..	23.9	15.1