

# PORTO ALEGRE, Brazil

		Source	Year
Population (millions)	<b>3.86</b>	<a href="http://citymayors.com/statistics/urban_2006_1.html">http://citymayors.com/statistics/urban_2006_1.html</a>	2006
Land Area (sq. km)	<b>583</b>	<a href="http://citymayors.com/statistics/largest-cities-area-125.html">http://citymayors.com/statistics/largest-cities-area-125.html</a>	
GDP (\$ billions)	<b>66</b>	PriceWaterhouse Coopers	2008
Human Development Index (Country)	<b>0.72</b>	<a href="http://hdrstats.undp.org/en/tables/default.html">http://hdrstats.undp.org/en/tables/default.html</a>	2011
<b>Core city</b>			
Population (millions)			
Mayor	Jose Fortunati		
City administrator (or equivalent)			
<b>Characteristics of the urban area</b>			
Population growth (average annual %)			
Population Density (per sq. km)	6621		
Climate Classification <sup>+</sup>	Temperate	<a href="http://koeppen-geiger.vu-wien.ac.at/">http://koeppen-geiger.vu-wien.ac.at/</a>	
<b>Economy</b>			
GDP per capita (\$)	17098	PriceWaterhouse Coopers	2008-2025
Real GDP growth rate (% per annum)	1.4	PriceWaterhouse Coopers	2008
Income Distribution (Gini Index)	0.32	UN Habitat, State of the World's Cities 2010-11 (national value for urban areas)	2007
City unemployment rate (%)			
<b>Energy</b>			
Total energy consumption per capita (GJ)			
Total energy consumption per GDP (MJ/\$)			
Total electrical use per capita (kWh)	3267	Siemens Green City Index	2008
Population with authorized electrical service (%)			
<b>Emissions and pollution</b>			
GHG Emissions per capita (tCO <sub>2</sub> e/cap)	3.8	estimated based on sectoral activity and national emission factors	
GHG Emissions per GDP (ktCO <sub>2</sub> e/\$bn)	223.8	estimated based on sectoral activity and national emission factors	
PM <sub>2.5</sub> Concentration (mcg/cu.m)			
PM <sub>10</sub> Concentration (mcg/cu.m)			
<b>Water, sanitation and waste management</b>			
Total water consumption per capita (litres/day)	313	Siemens Green City Index	2008
Population with sustainable access to an improved water source (%)	100	IBNET	2009
Average water revenue (\$/cu.m. sold)	1.26	IBNET	2009
Collection ratio (% of billed water service)	91	IBNET	2009
Population served by wastewater collection (%)	100	IBNET	2009
Percentage of untreated wastewater	74	IBNET	2009
Solid waste generation per capita (kg)	344.6	Siemens Green City Index	2008
Percentage of solid waste recycled			
Population with regular solid waste collection (%)	98.6	Siemens Green City Index	2008

## Climate and disaster resilience

Multi-hazard risk (cyclones, floods, landslides)	Moderate	UN PREVIEW Global Risk Data Platform	
Earthquake risk	Low	UN PREVIEW Global Risk Data Platform	
Aggregate disaster vulnerability index	(to be developed)		
Environmental Protection Index (Country)	63.4	<a href="http://hdrstats.undp.org/en/tables/default.html">http://hdrstats.undp.org/en/tables/default.html</a>	2011
Up-to-date Local Agenda 21 (or equivalent)?	Y/N		
Up-to-date Urban Risk Assessment?	Y/N		

## Shelter

Jobs/Housing ratio			
Population living in slums (%)	28	UN Habitat, State of the World's Cities 2010-11 (national value for urban areas)	2007

## Governance

Voter participation (% of eligible voters)			
Time to start a business (days)	35	World Bank, Doing Business Report Subnational Case Studies	2006
Debt service ratio (%)			

## Transportation

Average commute time to work (minutes)			
High capacity public transit system (km per 100,000 population)			
Light passenger transit system (km per 100,000 population)			
Number of personal automobiles per capita			
Annual number of public transit trips per capita			

## Education, technology and innovation

Education Index	0.58	London School of Economics, Cities Health and Well-Being	2011
Student/teacher ratio			
Students completing primary education (%)			
Students completing secondary education (%)			
Internet connections (per 100,000 population)			
New patents (per 100,000 per year)			

## Health

Health Index	0.59	London School of Economics, Cities Health and Well-Being	2011
Average life expectancy (years)			
Under age five mortality (per 1,000 live births)			
Prevalence of HIV (in adults aged 15 to 49, %)	0.3 – 0.6	WHO Global Health Observatory (national value)	2009
Deaths due to malaria (per 100,000 population)	0.1	WHO Global Health Observatory (national value)	2008
Prevalence of tuberculosis (per 100,000 population)	47	WHO Global Health Observatory (national value)	2010
In-patient hospital beds (per 100,000 population)			
Physicians (per 100,000 population)			

**Note: Unavailable data to be provided by city or Global City Indicators Facility (GCIF), unless otherwise specified**

+ Koppen Climate Classification System