

OSAKA, Japan

		Source	Year
Population (millions)	11.32	http://citymayors.com/statistics/urban_2006_1.html	2006
Land Area (sq. km)	2564	http://citymayors.com/statistics/largest-cities-area-125.html	
GDP (\$ billions)	341	PriceWaterhouse Coopers	2008
Human Development Index (country)	0.9	http://hdrstats.undp.org/en/tables/default.html	2011
Core city			
Population (millions)	2.65	http://citymayors.com/statistics/largest-cities-mayors-1.html	2011
Mayor	Kunio Hiramatsu	http://citymayors.com/statistics/largest-cities-mayors-1.html	2011
City administrator (or equivalent)			
Characteristics of the urban area			
Population growth (average annual %)	0.05	UN Habitat, State of the World's Cities 2010-11	2010-2015
Population Density (per sq. km)	4415		
Climate Classification ⁺	Temperate	http://koeppen-geiger.vu-wien.ac.at/	
Economy			
GDP per capita (\$)	30124	PriceWaterhouse Coopers	2008
Real GDP growth rate (% per annum)	3.9	PriceWaterhouse Coopers	2008-2025
Income Distribution (Gini Index)			
City unemployment rate (%)	4.68	http://stats.oecd.org	2007
Energy			
Total energy consumption per capita (GJ)	113.5	Siemens Green City Index	2007
Total energy consumption per GDP (MJ/\$)	1.6	Siemens Green City Index	2007
Total electrical use per capita (kWh)			
Population with authorized electrical service (%)	100	World Development Indicators (national value for urban areas)	2008
Emissions and pollution			
GHG Emissions per capita (tCO ₂ e/cap)	6.9	estimated based on sectoral activity and national emission factors	
GHG Emissions per GDP (ktCO ₂ e/\$bn)	228.3	estimated based on sectoral activity and national emission factors	
PM _{2.5} Concentration (mcg/cu.m)	21.2	WHO Outdoor Air Pollution Database	2009
PM ₁₀ Concentration (mcg/cu.m)	27	WHO Outdoor Air Pollution Database	2009
Water, sanitation and waste management			
Total water consumption per capita (litres/day)	417.9	Siemens Green City Index	2008
Population with sustainable access to an improved water source (%)	100	World Development Indicators (national value for urban areas)	2008
Average water revenue (\$/cu.m. sold)			
Collection ratio (% billed water service)			
Population served by wastewater collection (%)	100	Siemens Green City Index	2004
Percentage of untreated wastewater	0	Siemens Green City Index	2009
Solid waste generation per capita (kg)	573.4	Siemens Green City Index	2008
Percentage of solid waste recycled	16.8	World Bank, What a Waste 2012	
Population with regular solid waste collection (%)	100	Siemens Green City Index	2008

Climate and disaster resilience

Multi-hazard risk (cyclones, floods, landslides)	Moderate	UN PREVIEW Global Risk Data Platform	
Earthquake risk	High	UN PREVIEW Global Risk Data Platform	
Aggregate disaster vulnerability index	(to be developed)		
Environmental Protection Index	72.5	http://hdrstats.undp.org/en/tables/default.html	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 (%)

Governance

Voter participation (% of eligible voters)			
Time to start a business (days)	23	World Bank, Doing Business Report (national)	2012
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	0.75	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	0.86	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, %)	< 0.1	WHO Global Health Observatory (national value)	2009
Deaths due to malaria (per 100,000 population)	0	WHO Global Health Observatory (national value)	2008
Prevalence of tuberculosis (per 100,000 population)	27	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