

HANOI, Vietnam

		Source	Year
Population (millions)	4.22	http://citymayors.com/statistics/urban_2006_1.html	2006
Land Area (sq. km)	3344	http://citymayors.com/statistics/largest-cities-area-125.html	
GDP (\$ billions)	42	PriceWaterhouse Coopers	2008
Human Development Index (Country)	0.59	http://hdrstats.undp.org/en/tables/default.html	2011
Core city			
Population (millions)			
Mayor			
City administrator (or equivalent)			
Characteristics of the urban area			
Population growth (average annual %)			
Population Density (per sq. km)	1262		
Climate Classification ⁺	Temperate	http://koeppen-geiger.vu-wien.ac.at/	
Economy			
GDP per capita (\$)	9953	PriceWaterhouse Coopers	2008
Real GDP growth rate (% per annum)	2.4	PriceWaterhouse Coopers	2008-2025
Income Distribution (Gini Index)	0.39	UN Habitat, State of the World's Cities 2010-11	2007
City unemployment rate (%)	6.84	NYC Global Partners Database	2011
Energy			
Total energy consumption per capita (GJ)	16.5	Siemens Green City Index	2007
Total energy consumption per GDP (MJ/\$)	1.7	Siemens Green City Index	2007
Total electrical use per capita (kWh)	3223	Clean Air Initiative - Asia (national value for urban areas)	2010
Population with authorized electrical service (%)			
Emissions and pollution			
GHG Emissions per capita (tCO ₂ e/cap)	9.2	estimated based on sectoral activity and national emission factors	
GHG Emissions per GDP (ktCO ₂ e/\$bn)	920.5	estimated based on sectoral activity and national emission factors	
PM _{2.5} Concentration (mcg/cu.m)			
PM ₁₀ Concentration (mcg/cu.m)			
Water, sanitation and waste management			
Total water consumption per capita (litres/day)	53.1	Siemens Green City Index	2006
Population with sustainable access to an improved water source (%)	99	World Development Indicators (national value for urban areas)	2008
Average water revenue (\$/cu.m. sold)	0.19	IBNET	2009
Collection ratio (% of billed water service)			
Population served by wastewater collection (%)	40	Siemens Green City Index	2008
Percentage of untreated wastewater	90	Siemens Green City Index	2008
Solid waste generation per capita (kg)	282.0	Siemens Green City Index	2009
Percentage of solid waste recycled			
Population with regular solid waste collection (%)	95	Siemens Green City Index	2009

Climate and disaster resilience

Multi-hazard risk (cyclones, floods, landslides)	Extreme	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)	59	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 (%)	38.3	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)	44	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	0.47	London School of Economics, Cities Health and Well-Being	2011
Student/teacher ratio			
Students completing primary education (%)	92.8	World Bank, Education Statistics Databank (national value for urban areas)	2006
Students completing secondary education (%)			
Internet connections (per 100,000 population)			
New patents (per 100,000 per year)			

Health

Health Index	0.6	London School of Economics, Cities Health and Well-Being	2011
Average life expectancy (years)			
Under age five mortality (per 1,000 live births)	16.2	World Bank, Health, Nutrition, and Population Country Reports (national value for urban areas)	2003
Prevalence of HIV (in adults aged 15 to 49, %)	0.4	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)	334	WHO Global Health Observatory (national value)	2010
In-patient hospital beds (per 100,000 population)			
Physicians (per 100,000 population)	5235	NYC Global Partners Database	2011

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

+ Koppen Climate Classification System