## **PHILADELPHIA, United States**

|   |                   | Source  | Year |
|---|-------------------|---|------|
| Population (millions)   | 5.36              | http://citymayors.com/statistics/urban_2006_1.<br>html            | 2006 |
| Land Area (sq. km)  | 4661              | http://citymayors.com/statistics/largest-cities-<br>area-125.html |      |
| GDP (\$ billions)   | 312               | PriceWaterhouse Coopers   | 2008 |
| Human Development Index (country)   | 0.91              | http://hdrstats.undp.org/en/tables/default.html<br>—              | 2011 |
| Core city   |                   |   |      |
| Population (millions)   |                   |   |      |
| Mayor   | Michael<br>Nutter |   |      |
| City administrator (or equivalent)  |                   |   |      |
| Characteristics of the urban area   |                   | _   |      |
| Population growth (average annual %)  |                   |   |      |
| Population Density (per sq. km)   | 1150              |   |      |
| Climate Classification  | Temperate         | http://koeppen-geiger.vu-wien.ac.at/<br>–                         |      |
| Economy   | 50200             | a. w  | 2000 |
| GDP per capita (\$)   | 58209<br>6.6      | PriceWaterhouse Coopers   | 2008 |
| Real GDP growth rate (% per annum)  |                   | PriceWaterhouse Coopers   |      |
| Income Distribution (Gini Index)  | 0.47              | UN Habitat, State of the World's Cities 2010-11                   | 2007 |
| City unemployment rate (%)  | 4.27              | http://stats.oecd.org<br>–  | 2007 |
| Energy  |                   |   |      |
| Total energy consumption per capita (GJ)  |                   |   |      |
| Total energy consumption per GDP (MJ/\$)  Total electrical use per capita (kWh) | 7639              | Siemens Green City Index  | 2006 |
|   |                   | World Development Indicators (national value                      |      |
| Population with authorized electrical service (%)                               | 100               | for urban areas)  | 2008 |
| Emissions and pollution   |                   |   |      |
| GHG Emissions per capita (tCO2e/cap)  | 11.1              | Cities and Climate Change: An Urgent Agenda                       | 2005 |
| GHG Emissions per GDP (ktCO2e/\$bn)   | 190.7             | Cities and Climate Change: An Urgent Agenda                       | 2005 |
| PM2.5 Concentration (mcg/cu.m)  | 13.3              | WHO Outdoor Air Pollution Database                                | 2009 |
| PM10 Concentration (mcg/cu.m)   | 74                | WHO Outdoor Air Pollution Database                                | 2009 |
| Water, sanitation and waste management  |                   |   |      |
| Total water consumption per capita (litres/day)                                 | 508.8             | Siemens Green City Index  | 2005 |
| 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)                                       |                   | World Dayslanment Indicators (national value                      |      |
| Population served by wastewater collection (%)                                  | 100               | World Development Indicators (national value for urban areas)     | 2008 |
| Percentage of untreated wastewater  |                   |   |      |
| Solid waste generation per capita (kg)  | 942.3             | World Bank, What a Waste 2012                                     |      |
| Percentage of solid waste recycled  | 37.4              | Siemens Green City Index  | 2009 |
| Population with regular solid waste collection (%)                              | 100               | World Bank, What a Waste 2012  -                                  |      |

| Climate and disaster resilience                                 |                      |  |      |
|---|----------------------|--|------|
| Multi-hazard risk (cyclones, floods, landslides)                | Medium               | UN PREVIEW Global Risk Data Platform                     |      |
| Earthquake risk   | Low                  | UN PREVIEW Global Risk Data Platform                     |      |
| Aggregate disaster vulnerability index                          | (to be<br>developed) |  |      |
| Environmental Protection Index                                  | 63.5                 | 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)                                 | 6                    | World Bank, Doing Business Report (national)             | 2012 |
| Debt service ratio (%)  |                      | _  |      |
| Transportation  |                      | _  |      |
| Average commute time to work (minutes)                          | 28.0                 | American Community Survey                                | 2010 |
| 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   | 0.8                  | London School of Economics, Cities Health and Well-Being | 2011 |
| Student/teacher ratio   |                      |  |      |
| Students completing primary education (%)                       |                      |  |      |
| Students completing secondary education (%)                     | 87.3                 | American Community Survey                                | 2010 |
| Internet connections (per 100,000 population)                   |                      |  |      |
| New patents (per 100,000 per year)                              |                      |  |      |
| Health  |                      | _  |      |
| Health Index  | 0.73                 | 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, %)                  | 0.6                  | 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)             | 4.8                  | WHO Global Health Observatory (national value)           | 2010 |
| In-patient hospital beds (per 100,000 population)               |                      |  |      |
| Physicians (per 100,000 population)                             | 425                  | NYC Global Partners Database                             | 2011 |

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

<sup>+</sup> Koppen Climate Classification System