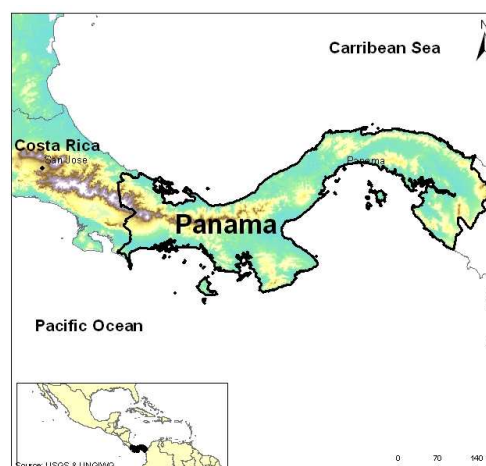


## Panama



## Air and climate

Emissions of:		Year
SO <sub>2</sub> (1000t)	2	1994
SO <sub>2</sub> per capita (kg)	1	1994
NO <sub>x</sub> (1000t)	39	2002
NO <sub>x</sub> per capita (kg)	13	2002
CO <sub>2</sub> (million tonnes)	7	2007
CO <sub>2</sub> per capita (tonnes)	2	2007
GHG (million tonnes CO <sub>2</sub> eq.)	11	1994
GHG per capita (tonnes CO <sub>2</sub> eq.)	4.0	1994
Ozone depleting CFCs (ODP tonnes)	12	2008
GHG from energy (%)	37	1994



Note: The boundaries, the names shown, and the designations used on this map do not imply official endorsement or acceptance by the United Nations.

## Biodiversity

		Year
Proportion of terrestrial and marine areas protected (%)	11	2009
Number of threatened species	347	2010
Fish catch (tonnes)	222 508	2008
Change in fish catch from previous year (%)	6	2008

## Economy

GDP growth rate from previous year (%)	9	2008
GDP per capita (\$US)	7 155	2009
% Value added agriculture, hunting, forestry, fishing	6	2009
% Value added mining, manufacturing, utilities	11	2009
% Value added other	84	2009

## Energy

Energy consumption (1000t oil eq.)	2 345	2007
Energy consumption per capita (kg oil eq.)	702	2007
Energy use intensity (kg oil eq.) per \$1,000 (PPP) GDP	79	2007
Renewable electricity production (%)	57	2007

## Land and agriculture

Total area (sq km)	75 417	2008
Agricultural land (sq km)	22 300	2008
Arable land (% of agric. land)	25	2008
Permanent crops (% of agric.land)	7.0	2008

		Year
Permanent meadows and pastures (% of agric. land)	69	2008
Change in agricultural land area since 1990 (%)	5	2008
Forest area (sq km)	32 510	2010
Change in forest area since 1990 (%)	-14	2010

## Population

Population (1000)	3 517	2010
Population growth rate from previous year (%)	2	2010

## Waste

Total population served by municipal waste collection (%)	64	2009
Municipal waste collected (1000t)	551 <sup>1</sup>	2009
Hazardous waste generated (tonnes)	1	2007

## Water and sanitation

Long-term average renewable freshwater resources (mio m <sup>3</sup> /yr)	147 980	N / A
Urban population with access to improved drinking water source (%)	97	2008
Rural population with access to improved drinking water source (%)	83	2008
Urban population with access to improved sanitation (%)	75	2008
Rural population with access to improved sanitation (%)	51	2008

## Environment Statistics Country Snapshot: Panama

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Last updated:

August 2011

These snapshots provide data about the environment and other related statistics at a point in time that will allow comparison between countries. For up to date data, time series, downloadable data, and additional information, please visit original sources. UNSD is not responsible for the quality, completeness / availability, and validity of data obtained from other data providers. Original sources should be cited when snapshots data are referenced. A list of sources and corresponding URLs are shown below.

### Data Sources

#### Food and Agriculture Organization of the United Nations (FAO) Database

*Fish catch, Change in fish catch from previous year, Agricultural land, Arable land, Permanent crops, Permanent pasture and meadows, Change in agricultural land area since 1990, Forest area, Change in forest area since 1990, and some of Long-term average renewable freshwater resources data* are extracted from FAO.

FAOSTAT: <http://faostat.fao.org/>

AQUASTAT: <http://www.fao.org/nr/water/aquastat/dbase/index.stm>

#### International Union for Conservation of Nature and Natural Resources (IUCN)

*Number of threatened species* data are extracted from the IUCN.

<http://www.iucnredlist.org/>

#### UNdata

*GDP growth rate from previous year, and GDP per capita at current prices* data are retrieved from the UNdata portal. UNdata was launched by the United Nations Department of Economic and Social Affairs (DESA). It brings the various UN statistical databases within easy reach of users through a single entry point. Users can search and download a variety of statistical resources provided by the UN System.

<http://data.un.org/>

#### United Nations, Department of Economic and Social Affairs, Population Division, World Population Prospects

All '*per capita*' variables use population data figures obtained from this source. *Population and Percentage of population growth rate from previous year data* are also retrieved from this source.

<http://www.un.org/esa/population/>

#### United Nations Framework Convention on Climate Change (UNFCCC) Secretariat

*SO2 emissions, SO2 per capita emissions, NOx emissions, NOx per capita emissions, GHG emissions, GHG per capita, and Percentage of GHG from energy* data are obtained from the UNFCCC Greenhouse Gas Emissions Database.

[http://unfccc.int/ghg\\_emissions\\_data/items/3800.php](http://unfccc.int/ghg_emissions_data/items/3800.php)

#### United Nations Statistics Division (UNSD) Demographic Statistics Yearbook

*Total area* data are extracted from this source.

<http://unstats.un.org/unsd/demographic/products/dyb/default.htm>

#### United Nations Statistics Division (UNSD) Energy Statistics Database

*Energy consumption, Energy consumption per capita, and Renewable electricity production* figures are extracted from the UNSD Energy Statistics Database.

<http://unstats.un.org/unsd/energy/default.htm>

#### United Nations Statistics Division (UNSD) Environment Statistics Database

*Population served by municipal waste collection, Municipal waste collected, Hazardous waste generated, some of Long-term average renewable freshwater resources, and some of the air emissions data* are extracted from the UNSD Environment Statistics Database (note: database also includes data from OECD, and Eurostat).

<http://unstats.un.org/unsd/environment/qindicators.htm>

#### United Nations Statistics Division (UNSD) Millennium Development Goals (MDG) Indicator Database

*Proportion of terrestrial and marine areas protected, CO2 emissions, CO2 emissions per capita, Ozone-depleting CFCs, Energy intensity (kg oil eq.) per \$1,000 (PPP) GDP, Urban population with access to improved drinking water source, Rural population with access to improved drinking water source, Urban population with access to improved sanitation, and Rural population with access to improved sanitation* data are extracted from MDG database.

<http://mdgs.un.org/unsd/mdg/Data.aspx>

#### United Nations Statistics Division (UNSD) National Accounts Database

*% value added agriculture, hunting, forestry, fishing; % value added mining, manufacturing, utilities; and % value added other* data are obtained from the National Accounts Main Aggregates Database.

<http://unstats.un.org/unsd/snaama/introduction.asp>

### Footnotes for previous page

\* Any footnotes displayed below are relevant to UNSD Environment and Energy Statistics variables only. For further information on data retrieved from other sources, please visit the original data provider.

1 Municipal waste from the Panamá and San Miguelito districts.