

# Madagascar



## Air and climate

Emissions of:		Year
SO <sub>2</sub> (1000t)	40	2000
SO <sub>2</sub> per capita (kg)	3	2000
NO <sub>x</sub> (1000t)	28	2000
NO <sub>x</sub> per capita (kg)	2	2000
CO <sub>2</sub> (million tonnes)	2	2009
CO <sub>2</sub> per capita (tonnes)	0	2009
GHG (million tonnes CO <sub>2</sub> eq.)	29	2000
GHG per capita (tonnes CO <sub>2</sub> eq.)	2	2000
Consumption of ozone depleting CFCs (ODP t)	0	2009



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

Proportion of terrestrial and marine areas protected (%)	3	2010
Number of threatened species	856	2011
Fish catch (tonnes)	128 836	2010
Change in fish catch from previous year (%)	-2	2010

## Economy

GDP growth rate from previous year (%)	2	2011
GDP per capita (at current prices - \$US)	462	2011
% Value added: agriculture, hunting, forestry, fishing	28	2011
% Value added: mining, manufacturing, utilities	16	2011

## Energy

Energy consumption (1000t oil eq.)	627	2009
Energy consumption per capita (kg oil eq.)	31	2009
Energy use intensity (kg oil eq.) per \$1,000 GDP (Constant 2005 PPP\$)	...	
Renewable electricity production (%)	58	2009

## Land and agriculture

Total area (sq km)	587 295	2011
Agricultural land (sq km)	413 950	2011
Arable land (% of agric. land)	2 672	2011
Permanent crops (% of agric. land)	1	2011

		Year
Permanent meadows and pastures (% of agric. land)	90	2011
Change in agricultural land area since 1990 (%)	14	2011
Forest area (sq km)	124 960	2011
Change in forest area since 1990 (%)	-9	2011

## Population

Population (1000)	20 714	2010
Population growth rate from previous year (%)	3	2010

## Waste

Total population served by municipal waste collection (%)	18	2007
Municipal waste collected (1000t)	419	2007
Hazardous waste generated (1000t)	46	2007

## Water and sanitation

Long-term average renewable freshwater resources (mio m <sup>3</sup> /yr)	337 000	N / A
Urban population with access to improved drinking water source (%)	74	2010
Rural population with access to improved drinking water source (%)	34	2010
Urban population with access to improved sanitation (%)	21	2010
Rural population with access to improved sanitation (%)	12	2010

## Environment Statistics Country Snapshot

---

**Last updated:** February 2013

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 Environment Statistics Country Snapshot 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 meadows and pastures, 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 (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 Statistics Division (UNSD) of the 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 obtained from this source. *Population* and *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

*SO<sub>2</sub> emissions, SO<sub>2</sub> per capita emissions, NO<sub>x</sub> emissions, NO<sub>x</sub> per capita emissions, GHG emissions and GHG per capita* 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

*Total population served by municipal waste collection, Municipal waste collected, Hazardous waste generated* and some of *Long-term average renewable freshwater resources* 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, CO<sub>2</sub> emissions, CO<sub>2</sub> emissions per capita, Consumption of ozone-depleting CFCs, Energy use 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 the MDG database.

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

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

*% value added - agriculture, hunting, forestry, fishing; and % value added - mining, manufacturing, utilities* are obtained from the National Accounts Main Aggregates Database, according to the International Standard Industrial Classification of All Economic Activities (ISIC).

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