



Kazakhstan

Air and climate

Emissions of:		Year
SO ₂ (1000t)	483	2008
SO ₂ per capita (kg)	31	2008
NO _x (1000t)	351	2008
NO _x per capita (kg)	23	2008
CO ₂ (million tonnes)	227	2007
CO ₂ per capita (tonnes)	15	2007
GHG (million tonnes CO ₂ eq.)	246	2008
GHG per capita (tonnes CO ₂ eq.)	16.0	2008
Ozone depleting CFCs (ODP tonnes)	0	2008
GHG from energy (%)	87	2008

Biodiversity

Proportion of terrestrial and marine areas protected (%)	3	2009
Number of threatened species	73	2010
Fish catch (tonnes)	55 581	2008
Change in fish catch from previous year (%)	26	2008

Economy

GDP growth rate from previous year (%)	3	2008
GDP per capita (\$US)	6 981	2009
% Value added agriculture, hunting, forestry, fishing	6	2009
% Value added mining, manufacturing, utilities	30	2009
% Value added other	64	2009

Energy

Energy consumption (1000t oil eq.)	71 090	2007
Energy consumption per capita (kg oil eq.)	4 591	2007
Energy use intensity (kg oil eq.) per \$1,000 (PPP) GDP	418	2007
Renewable electricity production (%)	11	2007

Land and agriculture

Total area (sq km)	2 724 900	2008
Agricultural land (sq km)	2 078 980	2008
Arable land (% of agric. land)	11	2008
Permanent crops (% of agric.land)	0.0	2008



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

		Year
Permanent meadows and pastures (% of agric. land)	89	2008
Change in agricultural land area since 1990 (%)	...	
Forest area (sq km)	33 090	2010
Change in forest area since 1990 (%)	-3	2010
Population		
Population (1000)	16 026	2010
Population growth rate from previous year (%)	1	2010

Waste

Total population served by municipal waste collection (%)	...	
Municipal waste collected (1000t)	3 928	2009
Hazardous waste generated (tonnes)	...	

Water and sanitation

Long-term average renewable freshwater resources (mio m ³ /yr)	109 610	N / A
Urban population with access to improved drinking water source (%)	99	2008
Rural population with access to improved drinking water source (%)	90	2008
Urban population with access to improved sanitation (%)	97	2008
Rural population with access to improved sanitation (%)	98	2008

Environment Statistics Country Snapshot: Kazakhstan

Last updated:

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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

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.