

ENVIRONMENTAL INDICATORS and SELECTED TIME SERIES

Percentage of population connected to urban wastewater collecting system

last update: June 2007

	1990	1995	2000	2001	2002	2003	2004	2005
	%	%	%	%	%	%	%	%
Algeria	48.3	55.7	...	...	...	...	...	...
Andorra	...	...	100.0	100.0	100.0	100.0	100.0	100.0
Argentina	...	...	...	42.5	...	...	...	...
Australia	...	...	...	90.0 ¹	...	...	87.0 ¹	...
Austria	72.0	75.7	85.4	86.0	86.0	...	...	...
Azerbaijan	...	...	...	...	...	30.0	30.0	30.0
Belarus	...	...	90.1 ²	85.4 ²	94.0 ²	92.8 ²	90.8 ²	...
Belgium	...	81.1	...	...	82.9 ³	...	...	...
Belize	...	...	15.1	...	...	...	...	...
Bermuda	...	...	...	...	...	...	...	5.0
Bolivia	...	...	34.6 ⁴	31.1 ⁴	30.9 ⁴	31.4 ⁴	...	...
Bosnia and Herzegovina	38.0	...	...	...	...	...	...	...
Brazil	...	46.0 ²	...	50.8 ²	51.6 ²	53.4 ²	54.1 ²	...
British Virgin Islands	...	...	...	24.5	...	...	...	...
Bulgaria	...	66.5	66.8	67.9	...	...	...	...
Chile	...	89.4 ⁵	93.3 ⁵	93.6 ⁵	94.1 ⁵	94.4 ⁵	94.8 ⁵	94.9 ⁵
China	...	19.7	34.3	36.4	40.0	42.4	45.7	...
China, Hong Kong SAR	...	...	92.7	94.8	94.2	94.6	92.3	92.9
China, Macao SAR	...	99.9	...	...	...	...	...	...
Costa Rica	...	...	24.8	...	...	...	...	...
Cuba	...	...	38.2	39.0	38.4	38.4	38.8	38.8
Cyprus	...	...	34.5	...	...	...	...	...
Czech Republic	72.6	73.2	74.8	74.9	...	...	77.9	...
Denmark	86.1	87.3	...	...	87.9	...	...	...
Dominica	...	...	...	...	...	...	...	23.0
Dominican Republic	...	...	31.4	...	...	...	...	...
Estonia	77.0	77.0	70.0	...	...	...	...	...
Finland	76.0	78.0	80.0	81.0	81.0	...	...	...
France	...	81.0	...	81.5	...	...	...	...
French Guiana	...	...	...	48.3	...	...	...	...
Germany	...	92.1	...	...	...	...	95.5	...
Guadeloupe	...	...	...	40.9	...	...	...	...
Hungary	42.9	44.2	51.2	...	61.9	...	...	...
Iceland	90.0	90.0	90.0	90.0	...	89.0	...	...
Ireland	66.0	100.0	100.0	9.0 ⁶	...	...	...	...
Japan	...	...	...	64.0	...	67.0	...	...
Jordan	...	...	...	...	...	97.7	97.7	...
Korea, Republic of	32.9	45.2	70.5	...	...	78.8 ⁷	...	...
Kyrgyzstan	...	...	32.8	31.4	30.3	25.9	27.0	...

Luxembourg	90.4	87.5	...	...	...	94.8	...	...
Maldives	...	...	100.0	100.0	100.0	100.0	100.0	100.0
Malta	100.0	100.0	100.0	100.0	...	...	...	...
Martinique	...	...	...	44.4	...	...	...	...
Mauritius	10.0	10.0	20.0	20.0	20.0	22.0	23.0	23.0
Mexico	...	...	61.4	...	...	...	...	67.6 ⁸
Monaco	100.0	100.0	100.0	100.0	100.0	...	...	...
Netherlands	96.0	97.2	98.1	...	...	...	98.6	...
New Zealand	80.0	80.0	...	...	...	...	...	...
Norway	77.0	80.0	80.0	...	...	...	80.8	...
Palestine	...	31.7	43.9	...	45.8	43.6	42.9	44.7
Paraguay	36.5 ⁹	18.4	...	16.9	15.3	17.7	13.3	14.1
Peru	...	...	...	74.4	74.3	75.3	74.0	...
Poland	...	52.9	...	...	...	...	59.0 ¹⁰	...
Portugal	55.3	...	...	...	...	74.0	...	...
Republic of Moldova	...	...	54.0	57.0	59.0	57.0	60.0	...
Réunion	...	...	...	34.8	...	...	...	...
Romania	51.4	...	...	...	...	...	...	...
Singapore	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Slovakia	...	...	...	...	...	55.4	...	...
Spain	...	...	...	...	61.8 ¹¹	...	...	...
Sweden	...	93.0	86.0	...	85.0	...	...	...
Switzerland	...	94.0	96.0	...	...	...	96.7	...
The Former Yugoslav Rep. of Macedonia	43.0	45.0	49.0	...	...	...	...	...
Trinidad and Tobago	...	...	...	20.0	20.0	20.0	30.0	20.0
Tunisia	26.3	36.2	44.1	45.0	47.7	50.5	52.6	...
Turkey	...	54.5	...	...	...	...	65.7 ¹²	...
United Kingdom	...	...	...	...	97.7 ¹³	...	...	...
United States	70.8 ¹⁴	...	...	...	...	...	...	...

Sources:

UNSD/UNEP 2001, 2004 and 2006 questionnaires on Environment statistics, Water section

OECD/Eurostat 2004 questionnaire on Environment statistics, Water section

OECD Environmental Data, Compendium 2006, Inland Waters section

Footnotes:

1 Refers to reticulated sewerage.

2 Data refer to urban population only.

3 OECD secretariat estimates based on regional data.

4 Percentage of homes with sewerage system.

5 Information provided by the sanitary industry that operates in urban sectors to the Supervision of Sanitation Service with respect to the percentage of residential buildings connected to the sewerage system.

6 Data refers to agglomerations greater than or equal to 500 population equivalent.

7 Population connected may include population not connected by pipe.

8 Percentages based on population living in individual housing.

9 Metropolitan area of Asuncion.

10 Include population not connected by pipe (whose waste water are collected in septic tanks and delivered to urban waste water treatment plants by truck).

11 OECD secretariat estimates.

12 Data based on a sample survey covering 1911 municipalities.

13 Data refer to England and Wales and to the financial year (April to March).

14 1992 data.

Definitions & Technical notes:

Waste water refers to water that is discharged as being of no further immediate value for the purpose for which it was used.

Public waste water collection system means a systems of conduits which collects and conducts urban waste water. Collecting systems are often operated by public authorities or semi-public associations.

Population with access to public waste water collection system is the percentage of the population connected to the public sewerage system. Public waste water collection systems may deliver waste water to treatment plants or may discharge it to the environment, without treatment.

Data Quality:

Data on population connected to waste water collection can be obtained from municipalities or through household surveys. Household surveys usually give more accurate results, since they do not rely on sometimes incomplete information about or held by municipalities. In general, data quality can be considered to be fairly good.