

UNSD QUESTIONNAIRE 2001 ON ENVIRONMENT STATISTICS

Section: WASTE

Country:

Focal Point:

Contact Person:

E-mail:

Tel:

Fax:

Table number	Title of table	Description of table
R1	Generation and Treatment of Waste	The table asks for information on generation and treatment of the core waste types.
R2	Waste Treatment Facilities	The table asks for information on waste treatment facilities and the population served with regular municipal waste management services.
R3	Supplementary Information Sheet on the Waste Section	The table asks for supplementary information on the waste section.

Section: WASTE**Country:** _____**Contact person:** _____**Contact institution:** _____**E-mail:** _____**Tel:** _____**Fax:** _____**Table R1: Generation and Treatment of Waste^a** *(Please note that the variables marked with "!" indicate priority data)*

Code	Category	Unit	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
1	TOTAL waste generation^b	1000 t	...	...	...	...	...	...	...	...	...	...	...
1.1	Recycled/reused/recovered ^c	1000 t	...	...	...	...	...	...	...	...	...	...	...
1.2	Incinerated ^d	1000 t	...	...	...	...	...	...	...	...	...	...	...
1.3	Landfilled ^e	1000 t	...	...	...	...	...	...	...	...	...	...	...
1.4	Other waste treatment ^f	1000 t	...	...	...	...	...	...	...	...	...	...	...
2	! Hazardous waste generation^g	tons	...	...	...	...	...	...	...	...	...	...	...
2.1	! Recycled/reused/recovered ^c	tons	...	...	...	...	...	...	...	...	...	...	...
2.2	! Incinerated ^d	tons	...	...	...	...	...	...	...	...	...	...	...
2.3	! Landfilled ^e	tons	...	...	...	...	...	...	...	...	...	...	...
2.4	! Other waste treatment ^f	tons	...	...	...	...	...	...	...	...	...	...	...
3	! Municipal waste generation^h	1000 t	...	...	...	...	...	...	...	...	...	...	...
3.1	! Recycled/reused/recovered ^c	1000 t	...	...	...	...	...	...	...	...	...	...	...
3.2	! Incinerated ^d	1000 t	...	...	...	...	...	...	...	...	...	...	...
3.3	! Landfilled ^e	1000 t	...	...	...	...	...	...	...	...	...	...	...
3.4	! Other waste treatment ^f	1000 t	...	...	...	...	...	...	...	...	...	...	...
4	Industrial waste generationⁱ	1000 t	...	...	...	...	...	...	...	...	...	...	...
4.1	Recycled/reused/recovered ^c	1000 t	...	...	...	...	...	...	...	...	...	...	...
4.2	Incinerated ^d	1000 t	...	...	...	...	...	...	...	...	...	...	...
4.3	Landfilled ^e	1000 t	...	...	...	...	...	...	...	...	...	...	...
4.4	Other waste treatment ^f	1000 t	...	...	...	...	...	...	...	...	...	...	...
5	Waste water treatment sludge^j	1000 t	...	...	...	...	...	...	...	...	...	...	...
5.1	Recycled/reused/recovered ^c	1000 t	...	...	...	...	...	...	...	...	...	...	...
5.2	Incinerated ^d	1000 t	...	...	...	...	...	...	...	...	...	...	...
5.3	Landfilled ^e	1000 t	...	...	...	...	...	...	...	...	...	...	...
5.4	Other waste treatment ^f	1000 t	...	...	...	...	...	...	...	...	...	...	...

Notes:

- a Waste: Substances or objects which are disposed of or intended to be disposed of or are required to be disposed of by the provisions of national law. Please specify in the footnotes, if residuals reused or recycled at the place of generation are included in the data. Please provide the national definition of waste in the Supplementary Information Sheet.
- b Total waste generation: Waste generated in human activities. Please note that the amount of total waste is larger than the sum of the core waste categories used in this table. If there are limitations in the coverage of total waste, please provide the data and specify the type of waste or human activities covered in the footnotes.
- c Recycling/reuse/recovery: The refining and/or reprocessing of waste that can serve the same purpose or another purpose other than its initial use. Composting should be included in this stream. Waste incineration with thermal energy recovery is covered under Incineration. If imported wastes are recycled/reused/recovered please provide the amount of waste in the Supplementary Information Sheet.
- d Incineration: The combustion of waste on land or at sea. Please specify in the Supplementary Information Sheet the amounts incinerated in plants with energy recovery. If imported wastes are incinerated, please provide the amount of waste in the Supplementary Information Sheet.
- e Landfill: The final placement of waste in or on the land in a controlled or uncontrolled way according to national sanitary, environmental protection and other security requirements. This includes waste kept in permanent storage. If imported wastes are landfilled, please provide the amount of waste in the Supplementary Information Sheet.
- f Other waste treatment: This includes physico-chemical and biological waste treatment as well as waste dumping on land, in the sea and inland waters. If imported wastes are treated, please provide the amount of waste in the Supplementary Information Sheet. If wastes are exported please include them in this category and specify the amounts in the Supplementary Information Sheet.
- g Hazardous waste: Wastes which due to their toxic, poisonous, explosive, corrosive, flammable, radioactive, eco-toxic or infectious character, pose a substantial, actual, or potential hazard to human health and/or the environment. For the purposes of this questionnaire, "hazardous wastes" comprise all those materials and products, which are considered to be hazardous in accordance with the practices in each country. Please provide the national definition in the Supplementary Information Sheet. Due to the different magnitude of hazardous waste generation, the data are requested in tons instead of 1000 tons.
- h Municipal waste: Waste similar to household waste and arising from various activities. Generally, municipal waste is managed by a local government or by private enterprises acting on behalf of the municipality. Municipal waste may contain hazardous and industrial waste. If data are available for selected cities only, please provide the data and reference to cities covered in the Supplementary Information Sheet.
- i Industrial waste: Industrial waste refers to waste from mining and quarrying, manufacturing, energy production as well as construction and demolition. Industrial waste may contain some hazardous waste and waste similar to household waste. Please specify in the footnotes to which industrial activities the data refer to.
- j Waste water treatment sludge: The accumulated settled solids separated from various types of water, either moist or mixed with a liquid component as a result of natural or artificial processes. Please provide the data as wet weight and specify in the footnotes the amounts in dry weight.

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Footnotes

[illegible]

Section: Waste

Section: WASTE**Country:****Contact person:****Contact institution:****E-mail:****Tel:****Fax:****Table R2: Waste Treatment Facilities** *(Please note that the variables marked with "!" indicate priority data)*

Code	Category	Unit	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
1	! Waste Treatment Facilities^a	number	...	...	...	...	...	...	...	...	...	...	...
1.1	Recycling/Reuse/Recovery Plants ^b	number	...	...	...	...	...	...	...	...	...	...	...
1.2	Incineration Plants ^c	number	...	...	...	...	...	...	...	...	...	...	...
1.3	Landfill Sites ^d	number	...	...	...	...	...	...	...	...	...	...	...
1.4	Other Waste Treatment Plants ^e	number	...	...	...	...	...	...	...	...	...	...	...
2	! Total Population served by Waste Management Services	%	...	...	...	...	...	...	...	...	...	...	...
2.1	Urban Population served by Waste Management Services	%	...	...	...	...	...	...	...	...	...	...	...
2.2	Rural Population served by Waste Management Services	%	...	...	...	...	...	...	...	...	...	...	...

Notes:

- a Waste treatment facilities: Facilities for the treatment of non-hazardous and/or hazardous waste. Transfer stations of waste collection are excluded from this definition. If more disaggregated data on treatment facilities of hazardous/non-hazardous wastes are available, please provide them in the Supplementary Information Sheet.
- b Recycling/reuse/recovery plants: Plants where wastes are recycled, reused or recovered.
- c Incineration plants: Plants for waste combustion with or without thermal energy recovery.
- d Landfill sites: Sites which manage the final placement of waste in or on the land in a controlled or uncontrolled way according to national sanitary, environment protection and other security requirements, including permanent storage facilities.
- e Other waste treatment plants: Plants for waste treatment other than recycling/reuse/recovery, incineration or landfills.

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Footnotes:

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Table R3: Supplementary Information Sheet on the Waste Section

(National definition of waste, hazardous waste, municipal waste etc.; amounts of waste imported or exported; waste incinerated with energy recovery; city-specific municipal waste generation and treatment; treatment facilities for non-hazardous and hazardous waste etc.)

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