

C-3: Total water use

Glossary, abbreviations and units of measurement

Glossary:

Agriculture, forestry and fishing (ISIC 01-03): Agriculture, forestry and fishing cover: crop and animal production, hunting and related service activities; forestry and logging; and fishing and aquaculture. This section includes the exploitation of vegetal and animal natural resources, comprising the activities of growing of crops, raising and breeding of animals, harvesting of timber and other plants, animals or animal products from a farm or their natural habitats.

Desalinated water: Total volume of water obtained from desalination of (i.e., removal of salt from) seawater and brackish water.

Electricity industry (ISIC 351): Generation, transmission and distribution of electricity.

Exports of water: Total volume of bulk water that is exported to other countries as a commodity through pipelines or on ships or trucks. Excludes bottled water.

Freshwater abstracted: Water removed from any water source (surface water sources, such as rivers, lakes, reservoirs or rainwater; and groundwater sources) either permanently or temporarily. Includes abstraction by the water supply industry for distribution and direct abstraction by other activities for own use.

Household freshwater use: Freshwater used in the normal functioning of households (e.g., drinking and washing). It may include watering of a household garden but should not include freshwater used for commercial agriculture.

Imports of water: Total volume of bulk water that is imported from other countries as a commodity through pipelines or on ships or trucks. Excludes bottled water.

Irrigation in agriculture:	Artificial application of water on land to assist in the growing of crops and pastures.
International dollar:	Monetary unit which is being used by the World Bank for calculation of GDP in purchasing power parity.
Losses during transport:	The volume of water lost during transport between a point of abstraction and a point of use, and between points of use and reuse. Includes leakages and evaporation.
Manufacturing (ISIC 10-33):	Manufacturing includes the physical or chemical transformation of materials, substances, or components into new products. The materials, substances, or components transformed are raw materials that are products of agriculture, forestry, fishing, mining or quarrying as well as products of other manufacturing activities. Substantial alteration, renovation or reconstruction of goods is generally considered to be manufacturing.
Reused water:	Used water directly received from another user with or without treatment for further use. It also includes treated wastewater received for further use from treatment plants. Excludes water discharged into a watercourse and used again downstream. Excludes recycling of water within industrial sites.
Total freshwater use:	Refers to the quantity of freshwater that is actually used in a year by end users including water delivered by the water supply industry (ISIC 36), water directly abstracted for own use and water received from other parties. Excludes freshwater returned without use. = Total freshwater available for use - Losses during transport = used by (Household + Agriculture, forestry and fishing + Manufacturing + Electricity industry + Other economic activities).
Water supply industry (ISIC 36):	Public or private bodies whose main functions are water collection, treatment and distribution activities for domestic and industrial needs.

Abbreviations:

AQUASTAT:	FAO's global information system on water and agriculture
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ECE:	United Nations Economic Commission for Europe
EEA:	European Environment Agency
EU:	European Union
Eurostat:	European Union Statistical Office
FAO:	Food and Agriculture Organization of the United Nations
GDP:	Gross domestic product
IRWS:	International Recommendations for Water Statistics
ISIC:	International Standard Industrial Classification of All Economic Activities
ISO:	International Organization for Standardization
OECD:	Organisation for Economic Co-operation and Development
PPP:	Purchasing power parity UNEP: United Nations Environment Programme
UNSD:	United Nations Statistics Division
WHO:	World Health Organisation
WMO:	World Meteorological Organization

Units of measurement:

m ³ :	cubic metre
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