

Total annual use of water (m3 per capita) with reference years between 2004 and 2012, Jan. 2019

This metadata refers to a dataset with the annual use of water measured in m3 per capita with data from 335 European cities. The measured values referring to years between 2004 and 2012. The data on the water consumption was obtained from Eurostat with city centroids from Urban Audit 2011-2014.

Many locations in Europe are already affected by droughts and water scarcity; for many of those, and other places, these phenomena will intensify and become more problematic in the future. Understanding the water demand in the city is important to comprehend the presence and scale of the water availability problem and adapt to it in the future (Tapai et al (2017), DOI: 10.1016/j.ecolind.2017.02.040)

Simple

Date (Creation)	2018-12-19T00:00:00
Date (Publication)	2019-01-28T00:00:00
Edition	01.00
Citation identifier	eurostat_v_4258_100_k_water-use_p_2004-2012_v01_r00

Point of contact

No information provided.

Maintenance and update frequency	Not planned
GEMET - INSPIRE themes, version 1.0	Population distribution — demography Statistical units
Keywords	
Keywords	
GEMET	- climate - water demand - water use - climate change adaptation - water scarcity - climate change impact - water consumption
Continents, countries, sea regions of the world.	- United Kingdom - EU27 (from 2020) - Norway - Switzerland - Iceland
Spatial scope	European
EEA topics	- Environmental health impacts - Water

Resource constraints

No information provided.

Access constraints	Other restrictions
Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	The geometry of the dataset is derived from the Urban Audit Cities 2011-2014 dataset is publicly available and can be used for non commercial purposes. The source and intellectual property have always to be acknowledged for the original data and for derived data. Copyright holder: © EuroGeographics © FAO (UN) © TurkStat. EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (http://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA).
Spatial representation type	Vector
Denominator	100000
Language of dataset	English
Topic category	• Environment • Climatology, meteorology, atmosphere
Begin date	2004-01-01
End date	2012-12-31

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Coordinate reference system identifier	EPSG:4258		
Distribution format	• SHP ()		
OnLine resource	Protocol EEA:FOLDERPATH WWW:LINK-1.0-http--link OGC:WMS ESRI:REST WWW:URL	Linkage https://sdi.eea.europa.eu/webdav/datastore/public/eurostat_v_4258_100_k_water-use_p_2004-2012_v01_r00/ https://climate-adapt.eea.europa.eu/knowledge/tools/urban-adaptation https://climate.discomap.eea.europa.eu/arcgis/services/UAMV/Water_Consumption_Per_Capita/MapServer/WMSServer?request=GetCapabilities&service=WMS https://climate.discomap.eea.europa.eu/arcgis/rest/services/UAMV/Water_Consumption_Per_Capita/MapServer https://sdi.eea.europa.eu/data/cb666a26-2f3a-4a13-a3aa-42a703973d90	Name Direct download Direct download
Hierarchy level	Dataset		

Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification

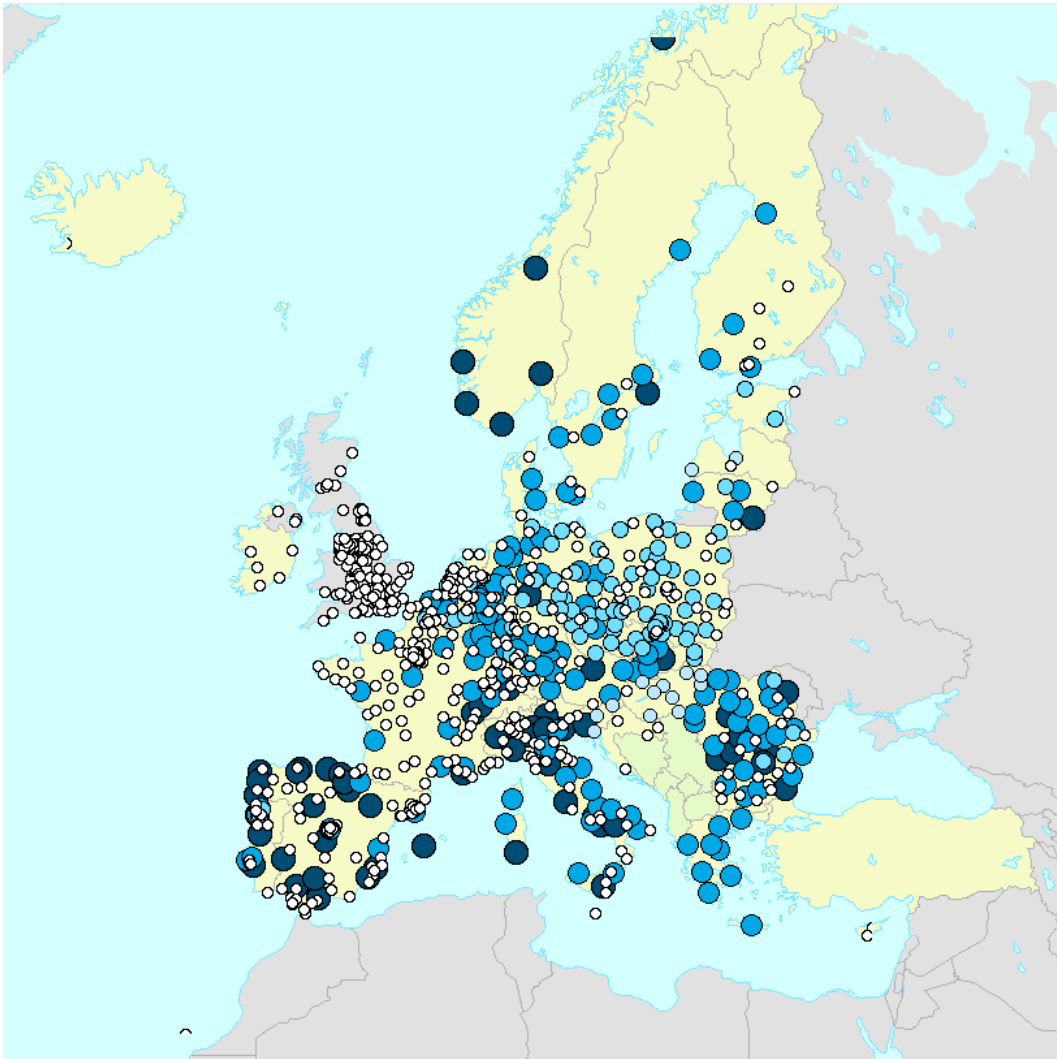
Statement	Data on total use of water was obtained from Eurostat: 'Environment - cities and greater cities [urb_cenv]' (https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=urb_cenv&lang=en)(EN3003V) was divided by the city's total population number, also from Eurostat 'Population on 1 January by age groups and sex - cities and greater cities [urb_cpop1]' (http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=urb_cpop1&lang=en) in order to calculate the water consumption per capita and joined to the Urban Audit 2011-2014 cities' centroids (https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/administrative-units-statistical-units/urban-audit#ua11-14). Various years were used in order to ensure the best spatial coverage.
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Metadata

File identifier	cb666a26-2f3a-4a13-a3aa-42a703973d90 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset

Date stamp	2021-09-30T06:40:09.887Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail addressWebsite Role
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Overviews



Provided by

