



**An  
Phríomh-Oifig  
Staidrimh**

Central  
Statistics  
Office

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# Water Supply and Waste Water Data Sources for SDGs in Ireland

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## Selected Water Statistics related SDG Indicators and Data Sources in Ireland

SDG Indicator	Main Data Sources in Ireland
6.1.1 Proportion of population using safely managed drinking water services	<ul style="list-style-type: none"><li data-bbox="1016 314 1676 401">• Census of Population environment questions</li><li data-bbox="1016 434 1798 470">• Domestic waste water treatment systems</li></ul>
6.2.1 Proportion of population using (a) safely managed sanitation services and (b) a hand-washing facility with soap and water	
6.4.1 Change in water-use efficiency over time	<ul style="list-style-type: none"><li data-bbox="1016 598 1798 732">• Meter data for public water supply (could be used to measure domestic water use efficiency)</li><li data-bbox="1016 751 1528 787">• Water abstraction register</li></ul>



## Comments on Selected Water-related Data Sources in Ireland

- Embedding environment-related questions into existing surveys and censuses provides important contextual information and reduces data collection burden
- Census of Population water supply and waste water questions can be analysed by geography, tenure status, period of construction, ethnicity, etc.
- CSO obtains confidential administrative microdata and customer details on **all water meters** under a legal request using the **Statistics Act 1993**.
- Dataset contains meter reading and date and meter number. It also contains a **billing consumption figure calculated by the water authority** using the reading dates.
- General taxation is used to pay for household water consumption rather than paying on actual consumption
- Differences between the average and median consumption give an indication of water efficiency and leakage between the meter and the household, see <https://www.cso.ie/en/statistics/waterandwastewater/domesticmeteredpublicwaterconsumption/>
- Non-domestic metered water **customer register needs to be NACE coded**
- Households with **septic tanks are required to register** with a public authority. See <https://www.cso.ie/en/statistics/waterandwastewater/domesticwastewatertreatmentsystems/>



## Domestic Metered Public Water Consumption in Ireland

Year	Mean	Median	Median %
	Litres per meter per day		
2014	386	256	66%
2015	379	244	64%
2016	368	247	67%
2017	375	253	67%
2018	369	255	69%
2019	355	256	72%
2020	379	284	75%
2021	375	280	75%



# Census of Population 2022 Piped Water Supply and Sewerage Questions

## What type of piped water supply does your accommodation have?

Mark  one box only

- 1  Public supply
- 2  Public Group Scheme
- 3  Private Group Scheme
- 4  Private source (eg well, lake, rainwater tank, etc)
- 5  No piped water supply

## What type of sewerage facility does your accommodation have?

Mark  one box only

- 1  Public sewer
- 2  Individual septic tank
- 3  Individual treatment system other than a septic tank
- 4  Other sewerage facility
- 5  No sewerage facility