

08a Energy use by resident households per capita

Indicator type **Core indicator**

Published

Versioning

First publication Latest update

Area and sub-area

Area and sub-area

Presentation

Tier

Indicator definition and description

Unit of measure

Coverage

Spatial aggregation

Reference period

Update frequency

Base period

Disaggregation (operational indicators)

Disaggregation (operational indicators)	Comments
<input type="text" value="Spatial"/>	<input type="text"/>
<input type="text" value="Income group"/>	<input type="text"/>
<input type="text" value="Energy product (SIEC)"/>	<input type="text"/>
<input type="text" value="Temporal (by month, by season)"/>	<input type="text"/>
<input type="text" value="Type of purpose (heating, cooling, transport, other)"/>	<input type="text"/>

Other related -indicators (e.g.contextual, proxy, other core indicators)

ID	Subindicator	Type
<input type="text" value="08b"/>	<input type="text" value="Final energy consumption by households on the national territory per capita"/>	<input type="text" value="Proxy indicator"/>
<input type="text" value="29b"/>	<input type="text" value="Renewable energy share in the total final energy consumption within the national territory"/>	<input type="text" value="Contextual indicator"/>
<input type="text" value="55"/>	<input type="text" value="Passenger transport mode (person kilometers per mode/capita)"/>	<input type="text" value="Contextual indicator"/>
<input type="text" value="01a"/>	<input type="text" value="Total energy use by the national economy"/>	<input type="text" value="Core indicator"/>
<input type="text" value="14"/>	<input type="text" value="Direct greenhouse gas emissions from households"/>	<input type="text" value="Core indicator"/>

Relevance

Policy context and rationale

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Related SDG indicator (SDG I.) Not applicable

Relation w SDG-I.

Related Sendai Framework I. Not applicable

Policy references

Document title	Link
Transforming our world: the 2030 Agenda for Sustainable Development (General Assembly of the United Nations, 2015)	https://sustainabledevelopment.un.org/post2015/transformingourworld

Methodology

Methodology for indicator calculation This indicator is calculated as consumption of energy products by households for all purposes divided by resident population. Households consumption includes all possible purposes, namely heating/cooling, transport and other. Resident population is calculated as the average of the population in the reference year.

Methodology references

Document title	Link
Physical Flow Accounts for Energy (PEFA Manual) (Eurostat, 2014)	http://ec.europa.eu/eurostat/web/environment/methodology
System of Environmental-Economic Accounting for Energy (SEEA-Energy) (United Nations Statistics Division, 2019)	https://seea.un.org/seea-energy

Classification syst. SEEA Physical Flow Accounts/Eurostat Energy Accounts

Data sources

Main source Official statistics: SEEA and/or SNA

Explanation SEEA energy accounts

SEEA Accounts that can serve as data sources

SEEA Account	Comments
Physical flow accounts for energy	

UN-FDES 2.2.2: Production, trade and consumption of energy

International databases containing this indicator

Eurostat database <https://ec.europa.eu/eurostat/data/database>

Comments

Comments Households energy consumption derived from SEEA energy accounts and Final energy consumption by households derived from energy balances are not comparable as the latter does not include transport.