08a Energy use by resident households per capita

Indicator type Core indicator

Published

Versioning					
First publication	1/26/2017 Lat	test update	9/17/2019		
Area and sub-area					
Area and sub-area	Drivers	Consumption			
Presentation					
Tier	1				
Indicator definition and description	Total use of energy by resident households (total purposes, i.e. heating/cooling, transport, other) divided by resident population				
Unit of measure	Terajoule (TJ) per person				
Coverage	Use by households				
Spatial aggregation	National economy				
Reference period	Calendar year				
Update frequency	Annual				
Base period	Not applicable				
Disaggregation (ope	rational indicators)				
Disaggregation (operational indicators)			Comments		
Spatial					
Income group					
Energy product (SIEC)					
Temporal (by month, by season)					

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

Type of purpose (heating, cooling, transport, other)

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

Relevance

Policy context and rationale

Indicator relevant for energy policies, because it informs about structure of energy demand and is also related to sustainable consumption of energy.

Target 7.3: By 2030, double the global rate of improvement in energy efficiency

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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

https://sustainabledevelopment.un.org/post2015/tran

Development (General Assembly of the United Nations, 2015) sformingourworld

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/meth

odology

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.