

Sustainable Energy Statistics in Georgia



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General overview

Responsible institution for energy statistics:

National Statistics Office of Georgia - GEOSTAT

Agencies involved in energy statistics:

- *Ministry of Energy of Georgia (MOE)*
- *Georgian National Energy and Water Supply Regulatory Commission (GNERC)*
- *The Electricity System Commercial Operator (ESCO)*
- *Georgian State Electrosystem (GSE)*
- *Georgian Oil and Gas Corporation (GOGC)*
- *Georgian Gas Transportation Company (GGTC)*

General overview

Legal basis

- The Law of Georgia on Official Statistics
- The Law on electricity and Natural Gas
- The Law on the Electricity Market Rules
- Annual state program of statistical works



No legal regulation on energy statistics, publications and energy balance

7 persons are working and responsible for energy statistics in GEOSTAT

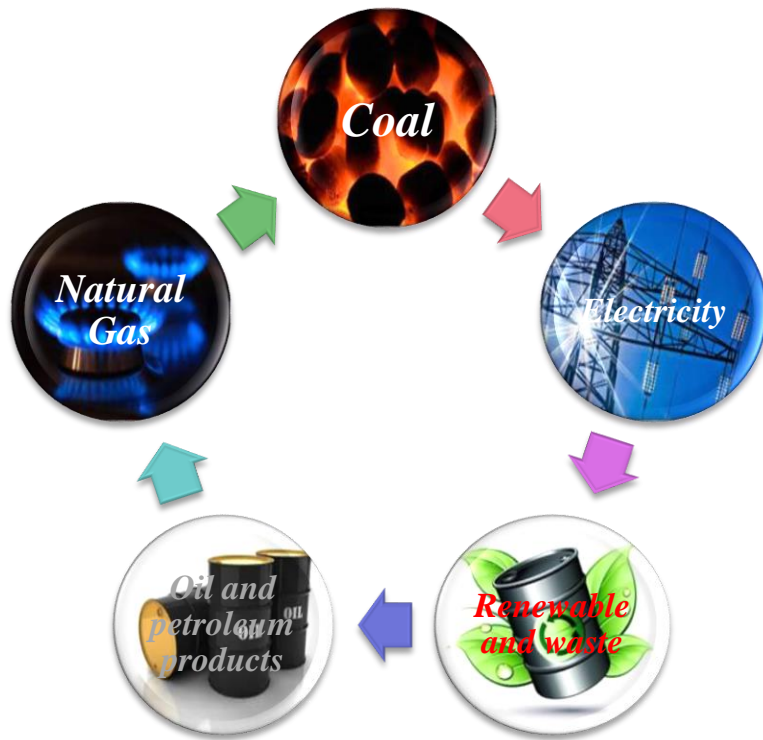


Energy Statistics Questionnaires

20 types of questionnaires

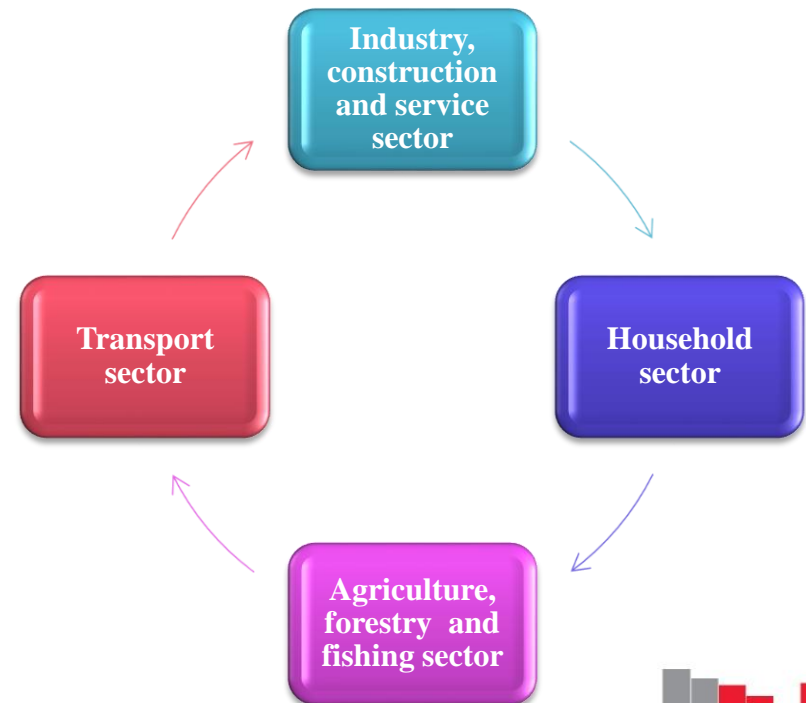
Group I.

Collection data from energy sector

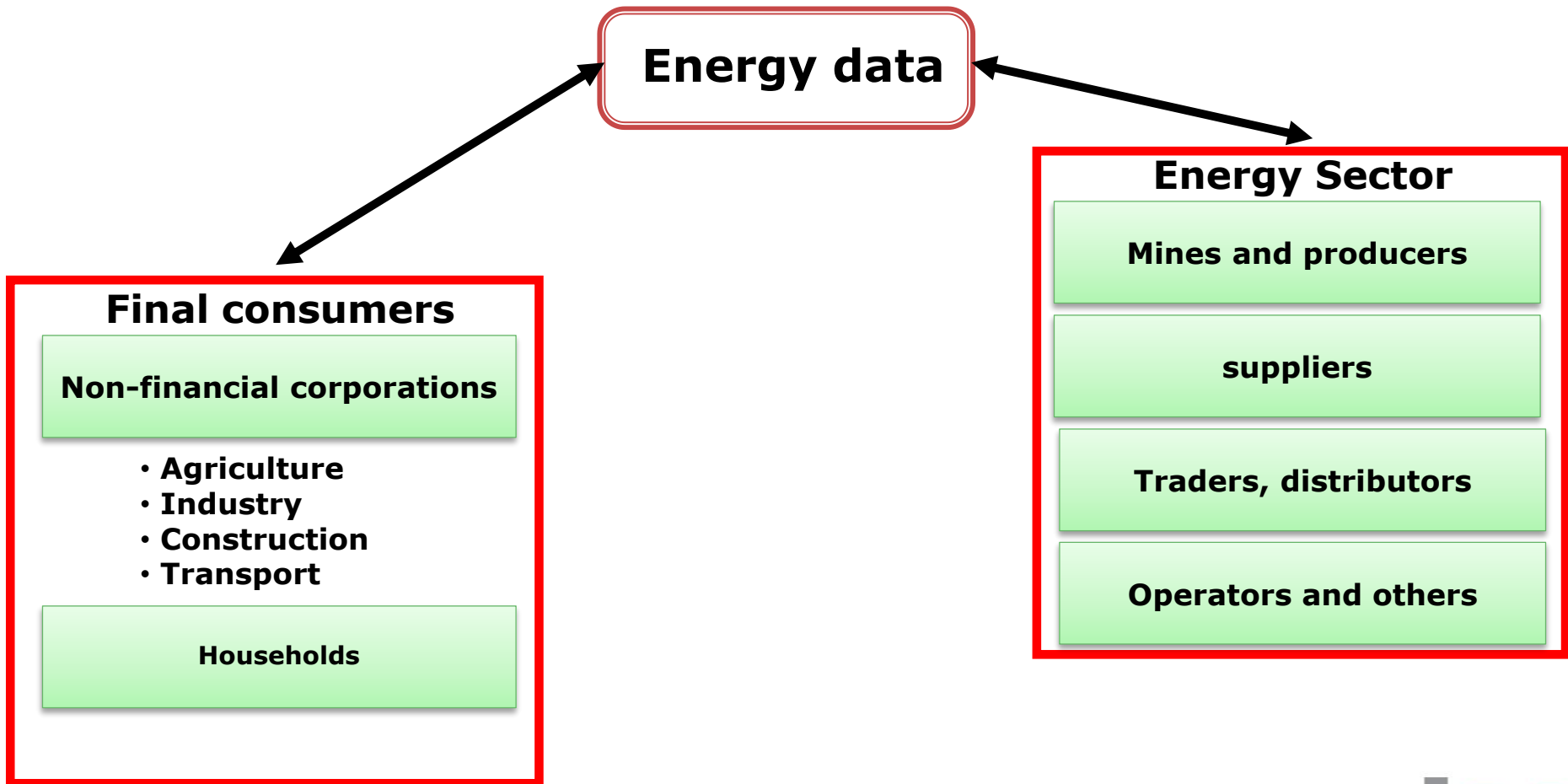


Group II.

collection data from final consumers



Energy data collection (regular basis)



Data collection for Energy Balance

Final consumers

**Non-financial
corporations**

• **Service Sector**

Financial corporations

Non-profit institutions

Public administration

Once in
5 Year

Basic energy statistics



	STATISTICS	Availability
1	Total primary energy supply	Available
2	National energy balance	Available
3	Production by energy type	Available
4	Imports by energy type	Available
5	Exports by energy type	Available
6	Final domestic consumption by energy type and end user	Available
7	Transportation energy use by energy type and transportation mode	Available
8	Household energy use by energy type and household type	Available

Statistics on access to modern energy

	STATISTICS	Availability
1	Share of households connected to the national electric power grid or another reliable source of electricity	available
2	Share of households connected to the national natural gas distribution network or another source of natural gas supply	available
3	Share of households with ready and reliable access to home heating fuel and/or coal	not available
4	Share of households (or population) without access to electricity or other commercial energy source, or heavily dependent on non-commercial energy by household type	available
5	Average household electricity prices by household type (urban/rural)	available
6	Average prices for home heating fuel by household type (urban/rural)	not available
7	Average household prices for coal by household type (urban/rural)	not available
8	Average retail price of petrol (gasoline) and diesel fuel by region (urban/rural)	available
9	Average share of household disposable income spent on energy purchases by household type (urban/rural)	available
10	Average annual number of days of household electrical outages by household type (urban/rural)	available
11	Average annual number of days of shortages of home heating oil, coal, petrol and diesel by area (urban/rural)	not available
12	Annual gross fixed capital formation in energy production and distribution systems by energy type (electricity/fossil fuel) as a share of total national gross fixed capital formation as measured by the System of National Accounts	available



Statistics on energy efficiency

	STATISTICS	Availability
1	Total primary energy supply per capita	available
2	Final domestic energy consumption per unit of gross domestic product	Available
3	Final domestic energy consumption per unit of value added by industrial branch	Available
4	Transmission and distribution losses as a share of electric power production	Available
5	Average efficiency of thermal power generating stations	Available
6	Freight transport energy consumption per tonne-kilometre	not available
7	Passenger transport energy consumption per passenger-kilometre	not available
8	Business-sector Investment in energy efficiency technologies	not available
9	Public-sector investment in energy efficiency technologies (including subsidies)	not available



Statistics on renewable energy

	STATISTICS	Availability
1	Total production of renewable energy	Available
2	Share of renewable sources in total primary energy supply	Available
3	Production of renewable energy by type	Available
4	Share of renewable sources in electricity production	Available
5	Installed renewable energy capacity	Available
6	Business-sector investment in renewable energy capacity	not available
7	Public-sector investment in renewable energy capacity (including subsidies)	not available
8	Unit cost of renewable generation by type (cost per megajoule)	not available



Main challenges facing energy statistics

- Lack of disaggregated administrative and survey data
- Not complete metadata document and the availability of information to help users understand the statistics
- Quality of data
- Lack of legislation (there is no special regulation, which defines concrete rules and obligations of relevant institutions, related collection, compilation and calculation of sustainable energy statistics data)
- Accessibility of data (not all indicators are publicly available via web-page)
- Availability of complete methodology documents
- Timelines for some basic energy statistics
- Not sufficient financial and human resources

Thank you for attention!

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