

NATIONAL STATISTICS OFFICE OF GEORGIA

ENERGY CONSUMPTION IN GEORGIA

2024



01.12.2025

**RESULTS OF ENERGY CONSUMPTION SURVEY
(2024)**

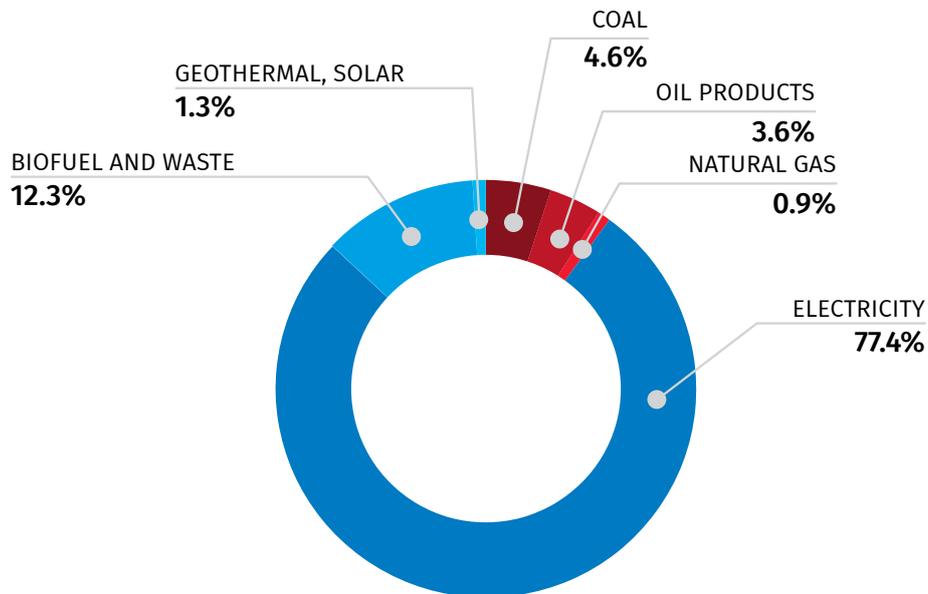
According to the officially declared data, electricity production in Georgia decreased by 1.1 percent in 2024 compared to the previous year, amounting to 14 234.1 million kilowatt-hours.

During 2024, 35.8 thousand tonnes of crude oil (8.0 percent less than in the previous year), 177.8 thousand tonnes of coal (20.1 percent more than in the previous year), and 15.9 million m³ of natural gas (3.0 percent less than in the previous year) were extracted.

According to the survey results, firewood production in 2024 decreased by 7.2 percent compared to the previous year, amounting to 1 034.6 thousand m³.

The chart below illustrates the structure of energy resources produced in Georgia in 2024, calculated in thousand tonnes of oil equivalent. Electricity accounted for the largest share (77.4 percent) in production, followed by energy produced from biofuel and waste (12.3 percent) mainly represented by wood, and the remaining energy resources had relatively smaller shares in the structure.

**THE STRUCTURE OF ENERGY PRODUCTION IN 2024
(THOUSAND TONNES OF OIL EQUIVALENT)**



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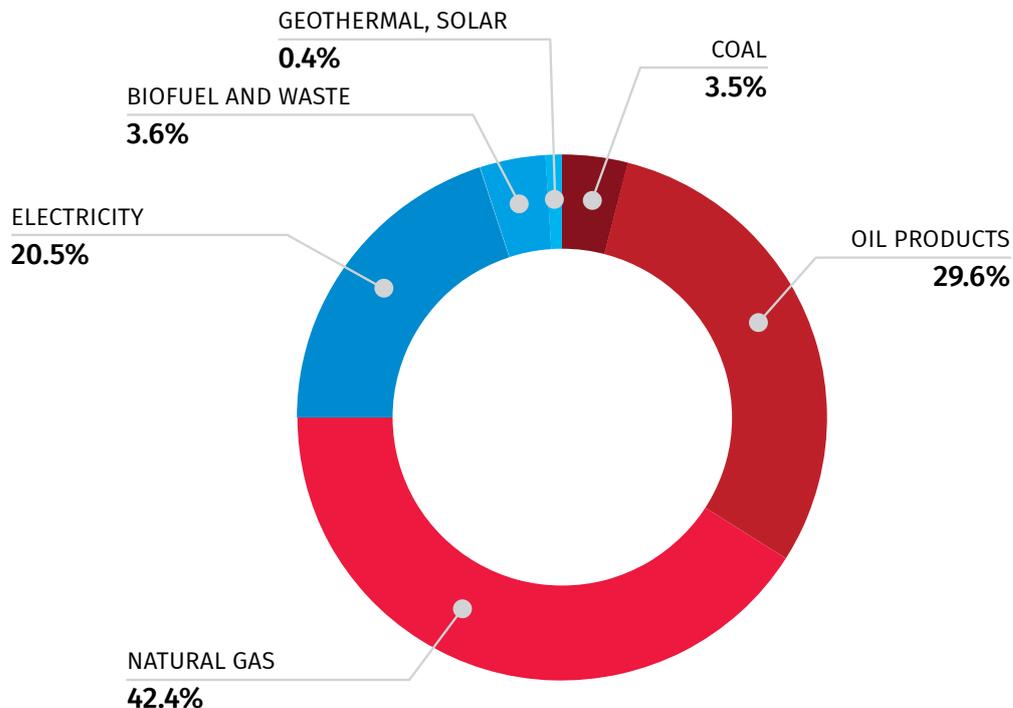
In 2024, Final electricity consumption amounted to 13 006.1 million kilowatt-hours, which is 6.0 percent more than in the previous year.

According to 2024 data, the demand for natural gas amounted to 3 404.3 million m³ (1.1 percent more than in the previous year), while the final consumption of natural gas for the same period totaled to 2 711.2 million m³, which is 7.7 percent more than in the previous year. Compared to 2023, consumption of natural gas increased in certain subsectors of industry, as well as in services and agriculture, while a decline was observed in road transport.

According to survey results, 1 578.6 thousand tonnes of petroleum products were consumed in the country in 2024 (8.4 percent more than in the previous year).

Natural gas accounted for 42.4 percent in the structure of energy resource consumption, while petroleum products also represented a relatively high share (29.6 percent), followed by electricity (20.5 percent). Meanwhile, coal constitutes for 3.5 percent of the energy consumed during the year, and the remaining 4.0 percent was from biofuel, geothermal, and solar energy.

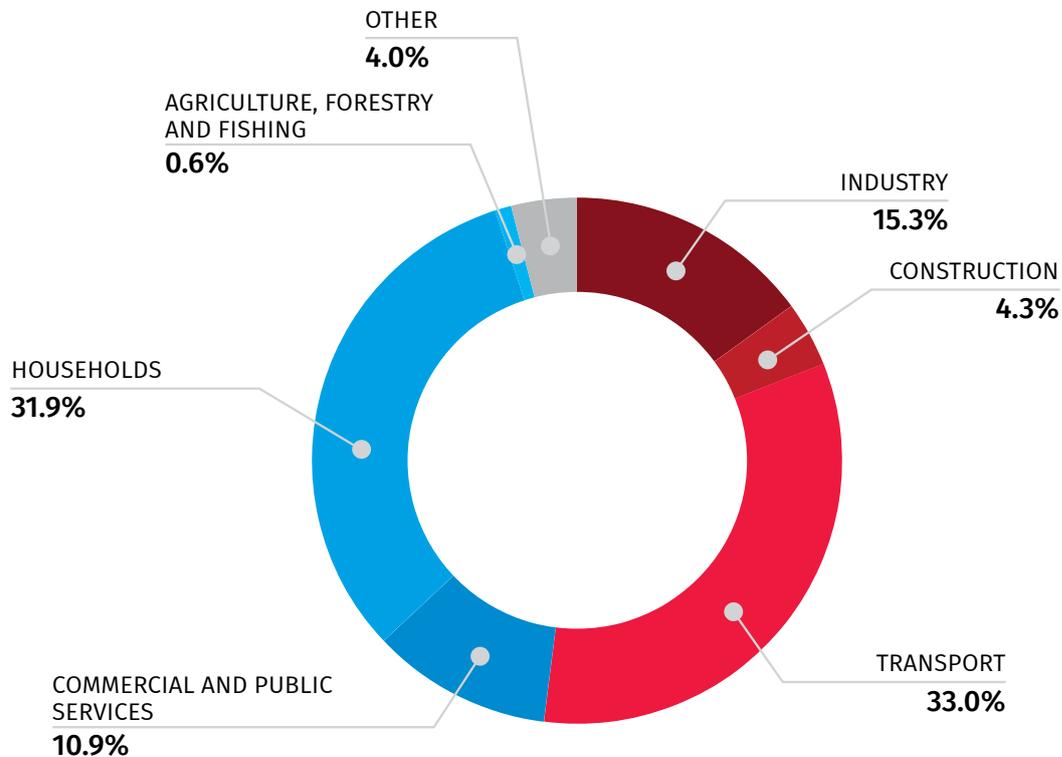
STRUCTURE OF ENERGY CONSUMPTION IN 2024
(THOUSAND TONNES OF OIL EQUIVALENT)



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The sectorial analysis of energy consumption in 2024 shows that the largest consumers of energy resources are the transport and residential sectors, accounting for 33.0 and 31.9 percent of total consumption, respectively. As for the other sectors, 15.3 percent is attributed to industry, 4.3 percent –to construction, 0.6 percent – to agriculture, forestry and fishing, while the remaining 14.9 percent is distributed between commercial and public services and other consumers.

ENERGY CONSUMPTION BY SECTORS, IN 2024
(THOUSAND TONNES OF OIL EQUIVALENT)



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THE FINAL CONSUMPTION OF ENERGY RESOURCES BY SECTORS IN 2018 - 2024 (THOUSAND TONNES OF OIL EQUIVALENT)

	UNIT	2018	2019	2020	2021	2022	2023	2024
FINAL CONSUMPTION OF ENERGY RESOURCES, TOTAL	1000 TOE	4 414.1	4 592.0	4 486.9	4 913.1	5 190.8	5 136.0	5 456.7
Industry	1000 TOE	925.8	887.5	860.4	884.4	938.1	827.4	835.2
	Percentage	21.0	19.3	19.2	18.0	18.1	16.1	15.3
Construction	1000 TOE	185.9	245.5	201.9	193.6	222.6	229.8	235.6
	Percentage	4.2	5.3	4.5	3.9	4.3	4.5	4.3
Transport	1000 TOE	1 367.4	1 418.5	1 359.1	1 503.0	1 613.5	1 709.7	1 798.2
	Percentage	31.0	30.9	30.3	30.6	31.1	33.3	33.0
Households	1000 TOE	1 227.3	1 300.7	1 408.2	1 507.7	1 575.6	1 586.1	1 742.2
	Percentage	27.8	28.3	31.4	30.7	30.4	30.9	31.9
Commercial and public services	1000 TOE	514.9	535.5	412.9	544.5	551.0	520.2	594.7
	Percentage	11.7	11.7	9.2	11.1	10.6	10.1	10.9
Agriculture, forestry and fishing	1000 TOE	27.6	27.2	24.9	25.7	29.6	30.4	31.3
	Percentage	0.6	0.6	0.6	0.5	0.6	0.6	0.6
Other	1000 TOE	165.2	177.1	219.5	254.2	260.4	232.4	219.5
	Percentage	3.7	3.9	4.8	5.2	5.0	4.5	4.0

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CONSUMPTION OF ENERGY RESOURCES IN 2018 - 2024 (THOUSAND TONNES OF OIL EQUIVALENT)

	UNIT	2018	2019	2020	2021	2022	2023	2024
FINAL CONSUMPTION OF ENERGY RESOURCES, TOTAL	1000 TOE	4 414.1	4 592.0	4 486.9	4 913.1	5 190.8	5 136.0	5 456.7
Coal	1000 TOE	294.0	241.3	213.0	224.2	235.6	207.5	192.2
	Percentage	6.7	5.3	4.7	4.6	4.5	4.0	3.5
Oil products	1000 TOE	1 267.4	1 379.3	1 313.3	1 391.1	1 406.3	1 487.7	1 616.2
	Percentage	28.7	30.0	29.3	28.3	27.1	29.0	29.6
Natural gas	1000 TOE	1 536.5	1 669.6	1 728.5	1 916.1	2 170.9	2 158.4	2 316.3
	Percentage	34.8	36.4	38.5	39.0	41.8	42.0	42.4
Electricity	1000 TOE	1 026.4	1 036.9	987.0	1 128.0	1 150.9	1 054.9	1 118.3
	Percentage	23.3	22.6	22.0	23.0	22.2	20.5	20.5
Geothermal, solar	1000 TOE	19.1	19.4	17.2	18.4	18.9	19.1	19.3
	Percentage	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Biofuel and waste	1000 TOE	270.8	245.5	227.8	235.3	208.1	208.4	194.3
	Percentage	6.1	5.3	5.1	4.8	4.0	4.1	3.6

Note: In certain cases, minor discrepancy between the total and the sum value can be explained by using rounded data.

National Statistics Office of Georgia

CONTACT PERSONS:

Daviti Zhorzholiani, Tel: 2 36 72 10 (601), E-mail: dzhorzholiani@geostat.ge

Mariam Kavelashvili, Tel: 2 36 72 10 (020), E-mail: mkavelashvili@geostat.ge