



NATIONAL STATISTICS OFFICE OF GEORGIA

ENERGY CONSUMPTION IN GEORGIA

2022



15.12.2023
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RESULTS OF ENERGY CONSUMPTION SURVEY
(2022)

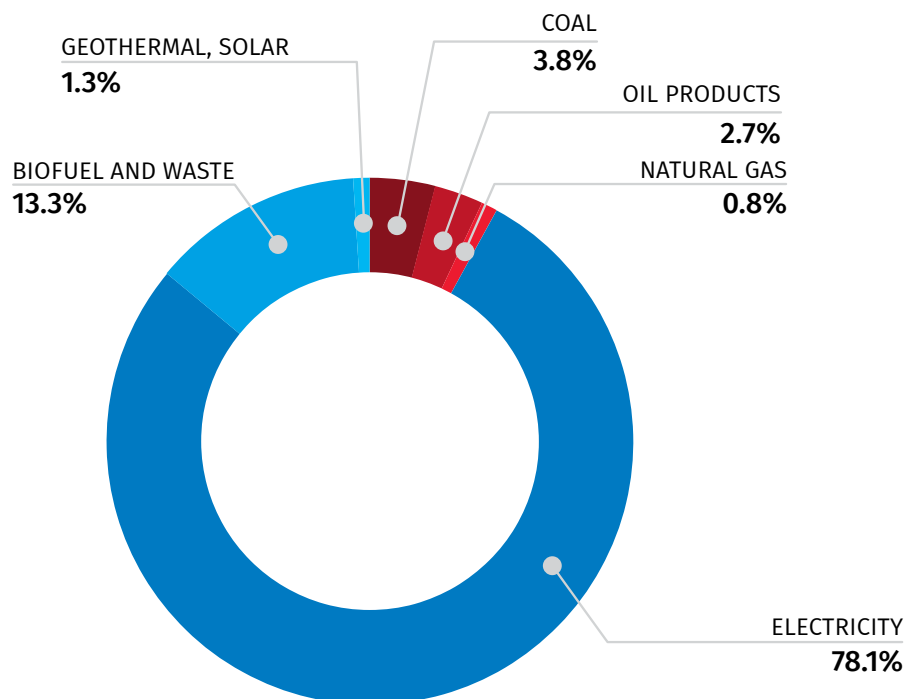
According to the officially declared data, in 2022 the electricity production in Georgia increased by 12.7 percent year-over-year, and amounted to 14 246.6 million kilowatt-hours. The increase in electricity production was mainly due to increase in water runoff.

In 2022 were produced 36.6 thousand tonnes of crude oil (3.1 percent more than in 2021), 146.3 thousand tonnes of coal (1.1 percent less than in the previous year) and 14.6 million m³ natural gas (8.8 percent less than in the previous year).

According to the survey results, in 2022 firewood production decreased by 11.4 percent compared to the previous year, and amounted to 1 113.5 thousand m³.

The chart below shows the structure of energy production in Georgia in 2022, calculated in thousand tonnes of oil equivalent. As the chart shows, electricity (78.1 percent) holds the largest share in production, followed by energy produced from biofuel and waste (13.3 percent), which is mainly represented by wood, while the share of the other energy forms are lower.

THE STRUCTURE OF ENERGY PRODUCTION IN 2022
(THOUSAND TONNES OF OIL EQUIVALENT)



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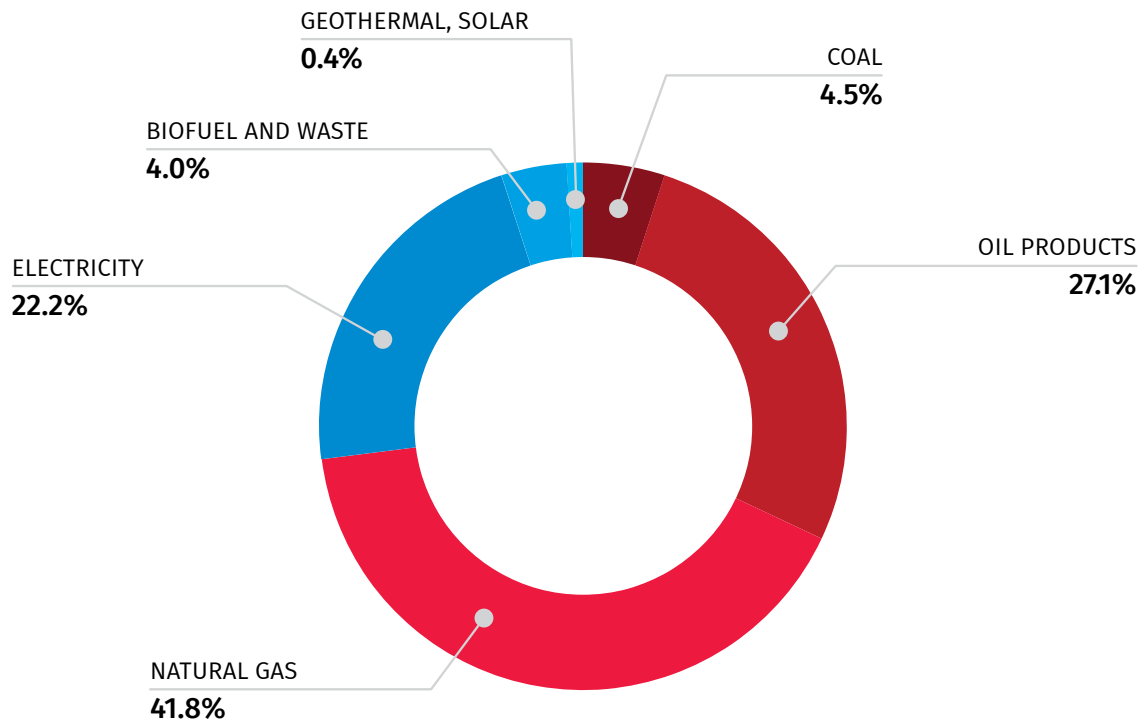
Final electricity consumption in 2022 was 13 385.5 million kilowatt-hours, 2.0 percent more than in the previous year.

According to 2022 data, demand on natural gas amounted to 3 361.0 million m³ (20.0 percent more than in the previous year). Final consumption of natural gas for the same period was 2 528.7 million m³, which is 13.6 percent more than in the previous year. Compared to 2021, consumption of natural gas has increased in household sector (9.4 percent more). Respective to the demand, consumption of natural gas has increased in road transport and in certain subsectors of industry.

According to the survey results, in 2022, 1 375.4 thousand tonnes of oil products were consumed in the country (1.1 percent more than in the previous year).

Natural gas holds 41.8 percent share within the total energy consumption structure. Oil products (27.1 percent) and electricity (22.2 percent) are also characterized with a relatively high share. During the year, 4.5 percent share of consumed energy is coal, while the remaining 4.4 percent share are biofuel, geothermal and solar energy.

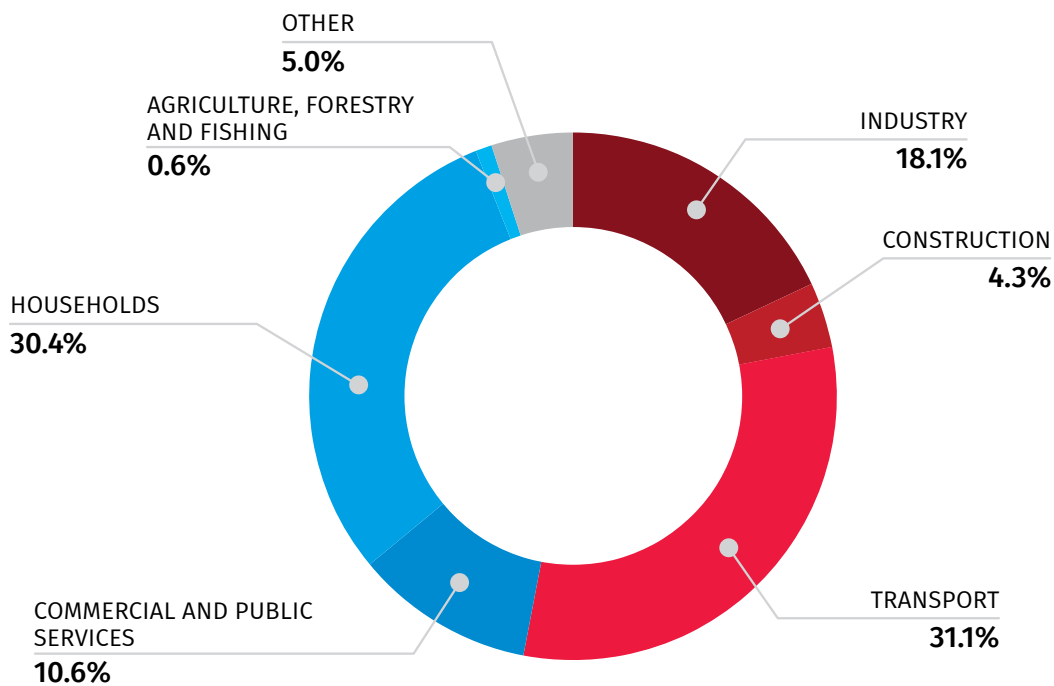
STRUCTURE OF ENERGY CONSUMPTION IN 2022
(THOUSAND TONNES OF OIL EQUIVALENT)



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The sectoral analysis of energy consumption in 2022 shows that the largest consumers of energy resources are the transport and household sectors, accounting for 31.1 and 30.4 percent of total consumption, respectively. As for other sectors, industry accounts for 18.1 percent, construction for 4.3 percent, agriculture, forestry and fisheries for 0.6 percent, and the remaining 15.6 percent is consumed by private and public services and other consumers.

ENERGY CONSUMPTION BY SECTORS, IN 2022
(THOUSAND TONNES OF OIL EQUIVALENT)



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THE FINAL CONSUMPTION OF ENERGY RESOURCES BY SECTORS IN 2016- 2022 (THOUSAND TONNES OF OIL EQUIVALENT)

	UNIT	2016	2017	2018	2019	2020	2021	2022
FINAL CONSUMPTION OF ENERGY RESOURCES	1000 TOE	4 396.1	4 455.2	4 414.1	4 592.0	4 486.9	4 913.1	5 190.8
Industry	1000 TOE	789.5	885.1	925.8	887.5	860.4	884.4	938.1
	Percentage	18.0	19.9	21.0	19.3	19.2	18.0	18.1
Construction	1000 TOE	171.5	180.9	185.9	245.5	201.9	193.6	222.6
	Percentage	3.9	4.1	4.2	5.3	4.5	3.9	4.3
Transport	1000 TOE	1 539.0	1 395.6	1 367.4	1 418.5	1 359.1	1 503.0	1 613.5
	Percentage	35.0	31.3	31.0	30.9	30.3	30.6	31.1
Households	1000 TOE	1 265.6	1 336.3	1 227.3	1 300.7	1 408.2	1 507.7	1 575.6
	Percentage	28.8	30.0	27.8	28.3	31.4	30.7	30.4
Commercial and public services	1000 TOE	433.3	453.0	514.9	535.5	412.9	544.5	551.0
	Percentage	9.8	10.1	11.7	11.7	9.2	11.1	10.6
Agriculture, forestry and fishing	1000 TOE	31.4	32.3	27.6	27.2	24.9	25.7	29.6
	Percentage	0.7	0.7	0.6	0.6	0.6	0.5	0.6
Other	1000 TOE	165.7	172.1	165.2	177.1	219.5	254.2	260.4
	Percentage	3.8	3.9	3.7	3.9	4.8	5.2	5.0

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CONSUMPTION OF ENERGY RESOURCES IN 2016- 2022
(THOUSAND TONNES OF OIL EQUIVALENT)

	UNIT	2016	2017	2018	2019	2020	2021	2022
ENERGY RESOURCES, TOTAL	1000 TOE	4 396.1	4 455.2	4 414.1	4 592.0	4 486.9	4 913.1	5 190.8
Coal	1000 TOE	250.1	276.3	294.0	241.3	213.0	224.2	235.6
	Percentage	5.7	6.2	6.7	5.3	4.7	4.6	4.5
Oil products	1000 TOE	1 432.7	1 297.2	1 267.4	1 379.3	1 313.3	1 391.1	1 406.3
	Percentage	32.6	29.1	28.7	30.0	29.3	28.3	27.1
Natural gas	1000 TOE	1 406.6	1 535.8	1 536.5	1 669.6	1 728.5	1 916.1	2 170.9
	Percentage	32.0	34.5	34.8	36.4	38.5	39.0	41.8
Electricity	1000 TOE	901.7	963.8	1 026.4	1 036.9	987.0	1 128.0	1 150.9
	Percentage	20.5	21.6	23.3	22.6	22.0	23.0	22.2
Geothermal, solar	1000 TOE	18.4	18.8	19.1	19.4	17.2	18.4	18.9
	Percentage	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Biofuel and waste	1000 TOE	386.6	363.3	270.8	245.5	227.8	235.3	208.1
	Percentage	8.8	8.2	6.1	5.3	5.1	4.8	4.0

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

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