



National Statistics Office of Georgia

SURVEY OF ENERGY CONSUMPTION 2017



17.12.2018
www.geostat.ge

17.12.2018

**RESULTS OF ENERGY CONSUMPTION SURVEY
(2017)**

In 2017 according to the official declared data the electricity production in Georgia decreased by 0.4 percent in comparison to the previous year and it amounted 11531.2 million kilowatt-hours. The reduction of electricity has been caused mainly by water flow decrease.

In 2017, 32.0 thousand tonnes of crude oil (17.1 percent less than in 2016), 268.1 thousand tonnes of coal (9.6 percent less than in previous year) and 8.5 million m³ natural gas (in comparison to the previous year 28.8 percent more) has been produced.

According to the survey results, 1937.8 thousand m³ firewood was produced in 2017 (5.6 percent less in comparison to the previous year).

In 2017, 11208.5 million kWh electricity was consumed (which exceeds the relevant indicator by 6.9 percent in 2016). The increase of electricity consumption is mainly influenced by expansion of production volume, as well as it is in line to the increase of energy demand in the service sector and households.

According to 2017 data, demand on natural gas made up 2343.9 million m³ (3.6 percent higher than in previous year) while 1727.4 million m³ natural gas was used during the year (7.7 percent higher than in previous year). Consumption growth was mostly caused by increase in demands in household sector.

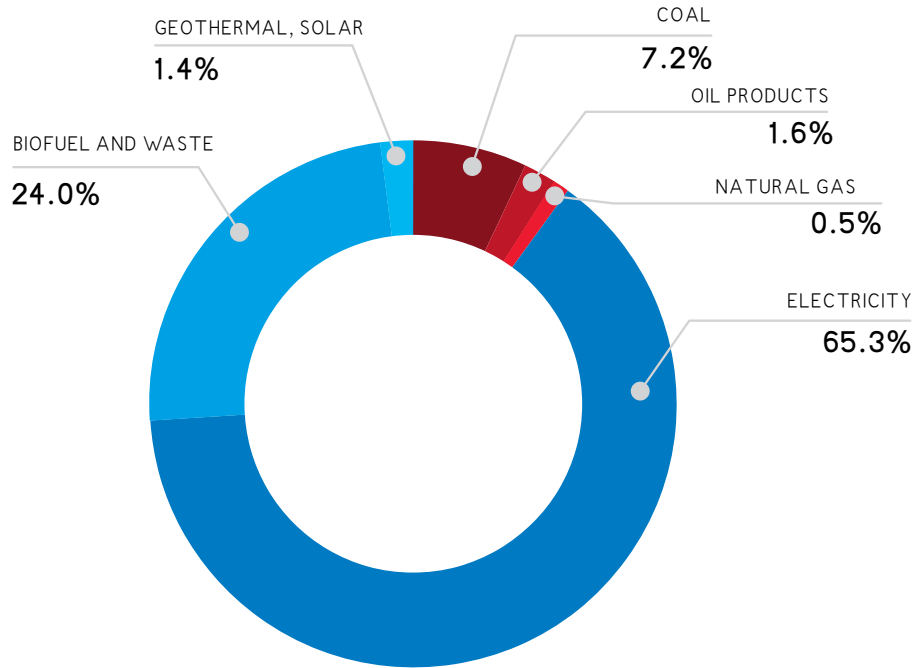
According to the survey results, 1269.7 thousand tonnes of oil products were consumed in the country (9.5 percent less than in previous year) in 2017 which could be caused by the increase of price on relevant products.

The chart below shows the energy production in Georgia during 2017, calculated in thousand tonnes of oil equivalent. As chart shows, the electricity production has the largest share (65.3 percent), followed by energy produced from biofuel and waste (24.0 percent), which is mainly represented by wood, while other energy forms have low share.

17.12.2018

THE STRUCTURE OF ENERGY PRODUCTS IN 2017

(MEASURED BY THOUSAND TONS OF OIL EQUIVALENT)

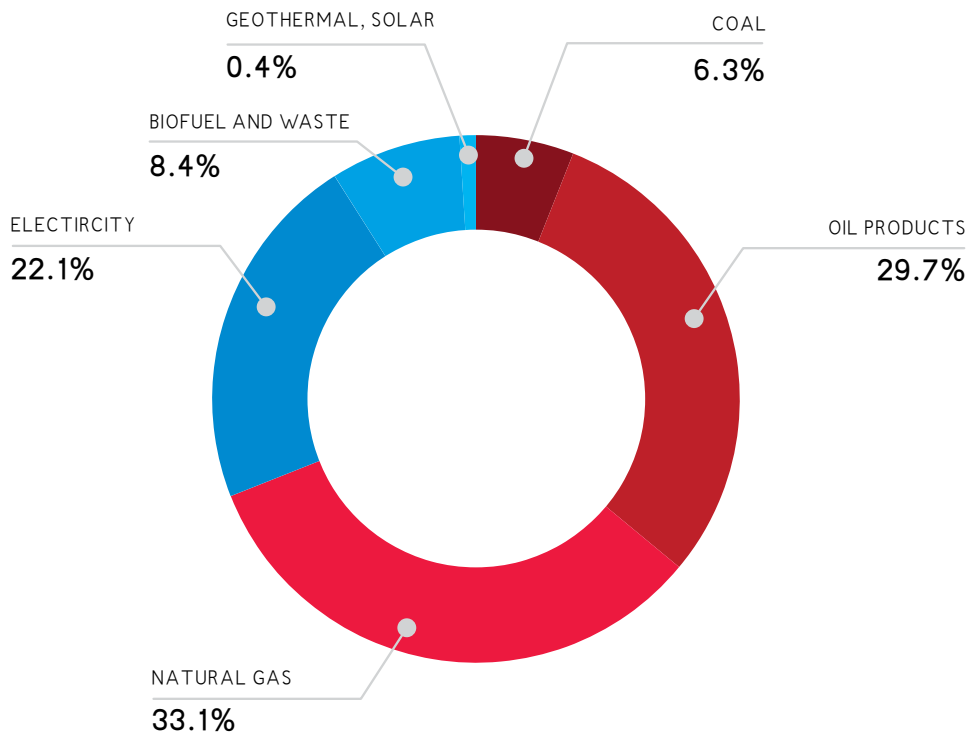


Within the whole energy consumption structure 33.1 percent comes from natural gas. Petroleum products (29.7 percent) and electricity (22.1 percent) are also characterized with a relatively high share. During the present year 8.3 percent of consumed energy in line to the biofuel and waste, while the 6.8 percent of remaining is coal and geothermal.

17.12.2018

STRUCTURE OF ENERGY CONSUMPTION IN 2017

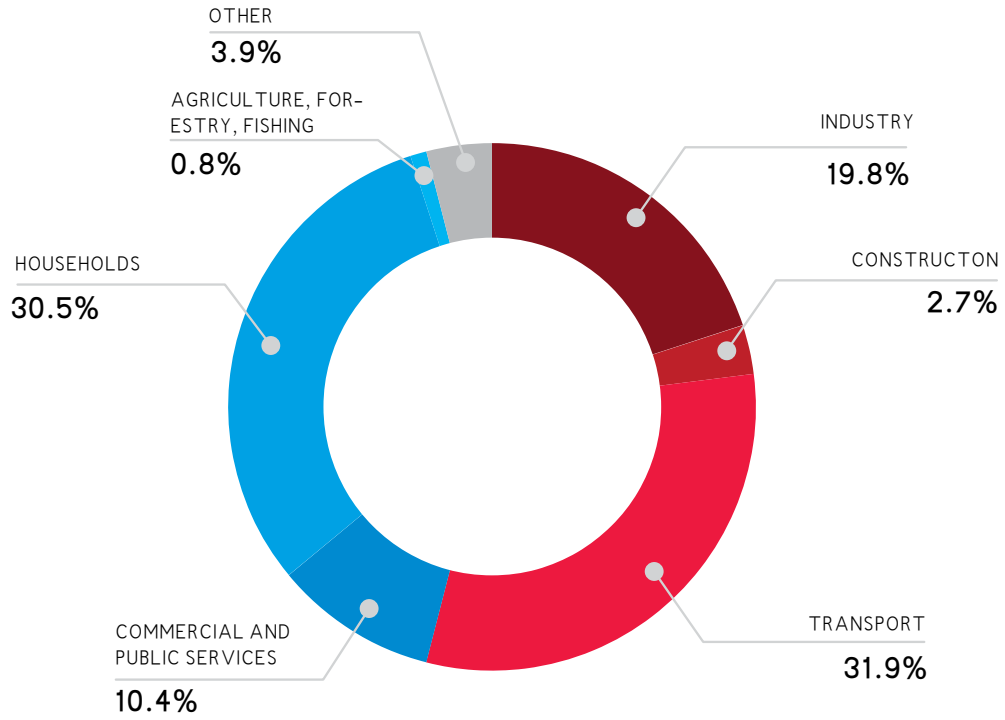
(MEASURED BY THOUSAND TONES OF OIL EQUIVALENT)



By the energy consumption sectoral analysis shows that the largest consumer of the energy is transport sector, with 31.9 percent of total consumption in 2017. 30.5 percent comes from households, 19.8 percent - from industry, 2.7 percent - from construction, 0.8 percent – from agriculture, forestry and fishing, while remaining 14.3 percent is Commercial and public services:

17.12.2018

ENERGY CONSUMPTION BY SECTORS IN 2017
(MEASURED THOUSAND TONNES OF OIL EQUIVALENT)



17.12.2018

THE FINAL CONSUMPTION OF ENERGY RESOURCES BY SECTORS IN 2013-2017
(THOUSAND TONNES OF OIL EQUIVALENT)

	UNIT	2013	2014	2015	2016	2017
Final consumption of energy resources	1000 TOE	3639,0	3939,9	4102,9	4330,5	4363,4
Industry	1000 TOE	799.5	796.2	830.6	776.0	864.5
	Percentage	21.9	20.2	20.2	17.9	19.8
Construction	1000 TOE	100.9	111.2	94.5	111.6	119.0
	Percentage	2.8	2.8	2.3	2.6	2.7
Transport	1000 TOE	1089.1	1256.8	1392.5	1538.6	1392.8
	Percentage	29.9	31.9	33.9	35.5	31.9
Households	1000 TOE	1149.1	1190.9	1207.2	1272.3	1330.9
	Percentage	31.6	30.2	29.4	29.4	30.5
Private and public services	1000 TOE	348.7	431.8	404.5	434.8	451.8
	Percentage	9.6	11.0	9.9	10.1	10.4
Agriculture, forestry and fishing	1000 TOE	13.7	12.1	18.7	31.5	32.3
	Percentage	0.4	0.3	0.5	0.7	0.8
Other	1000 TOE	138.0	140.9	154.9	165.7	172.1
	Percentage	3.8	3.6	3.8	3.8	3.9

NATIONAL STATISTICS OFFICE OF GEORGIA

17.12.2018

CONSUMPTION OF ENERGY RESOURCES IN 2013 - 2017 (THOUSAND TONNES OF OIL EQUIVALENT)

	UNIT	2013	2014	2015	2016	2017
Energy resources, total	1000 TOE	3639.0	3939.9	4102.9	4330.5	4363.4
Coal	1000 TOE	315.1	290.4	271.4	250.1	276.3
	Percentage	8.7	7.4	6.6	5.8	6.3
Oil products	1000 TOE	990.3	1050.3	1200.4	1432.6	1297.2
	Percentage	27.2	26.7	29.3	33.1	29.7
Natural gas	1000 TOE	1058.7	1277.9	1364.5	1341.0	1444.0
	Percentage	29.1	32.4	33.2	31.0	33.1
Electricity	1000 TOE	780.3	841.4	851.8	901.7	963.8
	Percentage	21.4	21.3	20.8	20.8	22.1
Geothermal, sun	1000 TOE	13.5	14.9	16.5	18.4	18.8
	Percentage	0.4	0.4	0.4	0.4	0.4
Biofuel and waste	1000 TOE	481.1	465.0	398.3	386.7	363.4
	Percentage	13.2	11.8	9.7	8.9	8.4

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

Contact persons:

Giorgi Sanadze Tel.: 2 36 72 10 (200), E-mail: gsanadze@geostat.ge

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