



National Statistics Office of Georgia

# ENERGY BALANCE OF GEORGIA 2019

STATISTICAL PUBLICATION



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**NATIONAL STATISTICS OFFICE OF GEORGIA**

# **ENERGY BALANCE OF GEORGIA**

Statistical Publication

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Statistical Publication

ENERGY BALANCE OF GEORGIA, 2018

**Editors**

Gogita Todradze

Paata Shavishvili

**Person responsible for the publication**

Tinatin Ksovreli

**The following persons worked on the publication:**

Tinatin Ksovreli

Marine Gogoladze

Khatuna Mokia

Maka Kintsurashvili

Lela Nonikashvili

Gaga Gelashvili

Nunu Tsuladze

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30, Tsotne Dadiani str, Tbilisi 0180

Tel.: (+995 32) 36 72 10 (217)

Fax: (+995 32) 36 72 13

E-mail: [tksovreli@geostat.ge](mailto:tksovreli@geostat.ge)

[info@geostat.ge](mailto:info@geostat.ge)

[www.geostat.ge](http://www.geostat.ge)

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### Notes

### Symbols and abbreviations

0,0 Negligible magnitude

- Not applicable

... Data not available

The discrepancy between the totals and the sum in some cases can be explained by using rounded data.

## Foreword

The need for production of energy balance is linked to such important issues of global policy, as climate change and energy security. The publication includes statistical data for 2018 year.

Energy balance leads to the development of a wide range of growing interest of users, as it is the best way to represent the local or global policy planning.

2018 Energy Balance, like the previous years' balances, is based on the recommendations drawn up by the International Energy Agency (IEA) and Eurostat and fully complies with international standards.

The publication is based on the declared data of various surveys conducted by the National Statistics Office during 2019. Different types of administrative data as well as expert assessments have been used in order to create the energy balance.

By signing the Community treaty, National Statistics Office of Georgia is implementing requirements regulations and directives of European Parliament and of the council, related energy statistics.

Business remarks and proposals on format and contents of this publication will be perceived by the authors group with gratitude.

The publication is designed for various groups of users.

National Statistics Office of Georgia

### **Survey Program**

In order to collect data from the energy sector, producers, suppliers, distributors and traders of energy forms (coal, natural gas, electricity, oil and oil products) were surveyed at full coverage as a result of specially organized statistical surveys.

In 2018 the survey covered non-financial corporations and households. Only enterprises from agriculture, industry, construction and transport sectors were investigated from non-financial corporations and for formation of data from other sectors (service sector) expert assessment method was used. In the household sector the data were collected by face-to-face interviewing method, while in other sectors data collection was primarily carried out by means of online questionnaire, however the respondents were able to use other alternative means (paper questionnaire, electronic questionnaire in excel format, fax, etc.).

Various types of administrative data were used to complete energy balance in addition to the above-mentioned surveys. In certain cases expert assessments were carried out as well.

The information derived from the survey allows to determine the energy production, supply and consumption structure by sectors, which is the basis for calculation of energy efficiency in the country.

## I. Key indicators about Georgia

### 1.1 Main facts about Georgia

<b>Area</b>	69 700 km <sup>2</sup>
<b>Length of state borders</b>	2 148 km
<b>Land borders</b>	1 839 km
<b>The highest mountain</b>	„Shkhara” – 5200 m
<b>Population</b>	3 723.5 thousand persons (01.01.2019)
<b>Density</b>	65.1 persons/km <sup>2</sup> <sup>1</sup>
<b>Capital</b>	Tbilisi
<b>Official languages</b>	Georgian
<b>Currency</b>	Georgian lari (GEL)

### 1.2 Key economic indicators about Georgia, 2018

Indicators	2018
GDP at current prices, mil. GEL	44599.3
GDP at constant 2010 prices, mil. GEL	38385.5
DGP real growth, %	4.8
GDP per capita (at current prices), USD	4722.0
Unemployment rate, percentage	12.7
CPI (Inflation), Annual Average to the Annual Average	102.6
Foreign Direct Investments, Mil. USD	1265.2
External Trade (FOB), Mil. USD	3355.7
Import (CIF), Mil. USD	9136.0

<sup>1</sup> The controlled area is in use - 57 178.7 km<sup>2</sup>

### 1.3 Hydro and Thermal Power Plants operating in Georgia, 2018

	Name	Installed capacity (MW)
<b>Hydro Electricity Plants</b>		
1	Engurhesi	1 300.0
2	Vardnilhesi	220.0
3	Khramhesi 1	112.8
4	Khramhesi 2	110.0
5	Zhinvalhesi	130.0
6	Vartsikhehesi	184.0
7	Rionhesi	51.0
8	Gumathesi	69.5
9	Lajanurhesi	113.7
10	Dzevrulahesi	80.0
11	Shaorhesi	40.32
12	Zahesi	36.8
13	Ortachalhesi	18.0
14	Atshesi	18.4
15	Chitakhevi	21.0
16	Sackhenhesi	14.0
17	Khadorhesi	24.0
18	Larsi hesi	19.0
19	Faravanhesi	87.0
20	Darialihesi	108.0
21	Khelvachauri hesi 1	47.5
22	Shuakhevi hesi	178.7
23	Kirnati hesi	51.3
24	Oldenerji hesi	21.4
25	Other Hydro Power Plants (Small Hydro power plants)	211.0
<b>Thermal Electricity Plants</b>		
26	Mtkvari energy	300.0
27	Tbilsresi	270.0
28	Gpower	110.0
29	Gardabani TP	231.2
30	Tkibuli TP	13.2
<b>Wind Power Plant</b>		
31	Kartli Wind Power Plant	20.7

Source: Electricity Market Operator (ESCO)

## 1.4 Small Hydro Power Plants operating in Georgia, 2018

1	Alazanhesi
2	Bzhuzhahesi
3	Abhesi
4	Tetrikhevhesi
5	Sionhesi
6	Ritseulahesi
7	Chalahesi
8	Chkhorphesi
9	Dashbashhesi
10	Mashaverahesi
11	Kabalhesi
12	Kakharetihesi
13	Intsobahesi
14	Kazbegihesi
15	Energetiki hesi
16	Machakhelahesi
17	Misaktsielhesi
18	Skurhesi
19	Khertvishesi
20	Kinkishahesi
21	Achihesi
22	Igoethesi
23	Sanaliahesi
24	Shaqshaqetihesi
25	Marneulihesi
26	Nabeglavihesi
27	Kheorhesi
28	Bodornahesi

29	Saguramohesi
30	Rustavihesi
31	Sulorhesi
32	Okamihesi
33	Lopotahesi
34	Zvareti hesi
35	Tirifonhesi
36	Pantianihesi
37	Fshavela hesi
38	Khadorhesi-2
39	Khanhesi
40	Racha hesi
41	Dagvahesi
42	Alazanhesi-2
43	Shildahesi
44	Bakhvihesi-3
45	Aragvihesi
46	Akhmetahesi
47	Kazretihesi
48	Pshavelahesi
49	Martkofihesi
50	Algetihesi
51	Debedahesi
52	Maksaniahesi
53	Kintrishahesi
54	Shildahesi 1
55	Kasletihesi 2
56	Jonoulahesi 1

Source: Electricity Market Operator (ESCO)

## AGGREGATED ENERGY BALANCE OF GEORGIA, 2018

(TJ)

	Coal	Crude Oil	Oil products	Natural Gas	Nucle ar	Hydro	Geother mal, solar, wind, etc.	Biofuel & Waste	Electricity	Heat	Total
Production	2 344,3	1 283,5	-	357,0	-	35 817,8	1 183,7	11 405,3	-	-	52 391,6
Imports	11 248,6	84,2	61 895,0	83 933,5	-	-	-	-	5 479,9	-	162 641,2
Exports	32,3	395,3	4 211,5	-	-	-	-	68,6	2 167,2	-	6 874,9
International Marine Bunkers	-	-	68,2	-	-	-	-	-	-	-	68,2
International Aviation Bunkers	-	-	4 407,5	-	-	-	-	-	-	-	4 407,5
Stock Changes	-881,8	55,3	-1 057,3	-	-	-	-	-	-	-	-1 883,8
<b>DOMESTIC SUPPLY</b>	<b>12 678,8</b>	<b>1 027,7</b>	<b>52 150,5</b>	<b>84 290,5</b>	-	<b>35 817,8</b>	<b>1 183,7</b>	<b>11 336,6</b>	<b>3 312,7</b>	-	<b>201 798,4</b>
Available	12 678,8	1 027,7	53 064,2	84 290,5	-	35 817,8	1 183,7	11 336,6	47 047,7	-	-
Transfers	-	-	913,6	-	-	-	-	-	-	-	913,6
Statistical Differences	0,0	20,4	1,1	-	-	-	0,0	0,5	0,0	-	22,0
<b>Transformation Sector - Input</b>	<b>358,7</b>	<b>1 007,3</b>	-	<b>17 101,0</b>	-	<b>35 817,8</b>	<b>303,5</b>	-	-	-	<b>54 588,3</b>
MA Thermal Electricity Plants	358,7	-	-	17 101,0	-	-	-	-	-	-	17 459,7
MA Hydro Electricity Plants	-	-	-	-	-	35 817,8	-	-	-	-	35 817,8
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	1 007,3	-	-	-	-	-	-	-	-	1 007,3
Wind Plants	-	-	-	-	-	-	303,5	-	-	-	303,5
<b>Transformation Sector - Production</b>	-	-	<b>913,6</b>	-	-	-	-	-	<b>43 735,0</b>	-	<b>44 648,6</b>
MA Thermal Electricity Plants	-	-	-	-	-	-	-	-	7 613,6	-	7 613,6
MA Hydro Electricity Plants	-	-	-	-	-	-	-	-	35 817,8	-	35 817,8
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	913,6	-	-	-	-	-	-	-	913,6
Wind Plants	-	-	-	-	-	-	-	-	303,5	-	303,5

ENERGY BALANCE OF GEORGIA, 2018

	Coal	Crude Oil	Oil products	Natural Gas	Nucle ar	Hydro	Geother mal, solar, wind, etc.	Biofuel & Waste	Electricity	Heat	Total
<b>Energy Sector</b>	<b>11,9</b>	-	-	-	-	-	-	-	<b>883,8</b>	-	<b>895,7</b>
Coal Mines	11,9	-	-	-	-	-	-	-	45,0	-	56,9
Oil and Gas Extraction	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Own Use in Thermal Electricity Plants	-	-	-	-	-	-	-	-	340,6	-	340,6
Own Use in Hydro Electricity Plants	-	-	-	-	-	-	-	-	498,2	-	498,2
Used for Pumped Storage	-	-	-	-	-	-	-	-	-	-	-
Non-specified (Energy)	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution Losses</b>	-	-	-	<b>3 867,5</b>	-	-	<b>81,4</b>	-	<b>3 189,6</b>	-	<b>7 138,5</b>
<b>FINAL CONSUMPTION</b>	<b>12 308,2</b>	-	<b>53 063,1</b>	<b>63 322,0</b>	-	-	<b>798,8</b>	<b>11 336,1</b>	<b>42 974,3</b>	-	<b>183 802,5</b>
<b>Industry</b>	<b>12 284,0</b>	-	<b>149,5</b>	<b>4 466,0</b>	-	-	-	<b>70,9</b>	<b>11 900,5</b>	-	<b>28 870,9</b>
Iron and steel	5 333,7	-	8,5	658,0	-	-	-	-	6 881,0	-	12 881,2
Chemical (including petrochemical)	-	-	0,0	108,5	-	-	-	-	1 160,3	-	1 268,8
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	6 743,0	-	12,1	1 218,0	-	-	-	0,2	921,6	-	8 894,8
Transport equipment	-	-	-	7,0	-	-	-	-	5,8	-	12,8
Machinery	-	-	-	21,0	-	-	-	-	33,5	-	54,5
Mining and quarrying <sup>1</sup>	-	-	0,0	49,0	-	-	-	-	443,5	-	492,5
Food, beverages and tobacco	207,3	-	2,5	1 487,5	-	-	-	68,6	884,5	-	2 650,5
Paper, pulp and printing	-	-	-	147,0	-	-	-	-	56,2	-	203,2
Wood and wood products	-	-	-	10,5	-	-	-	2,0	26,3	-	38,8
Construction	-	-	123,9	535,5	-	-	-	0,1	418,7	-	1 078,1

<sup>1</sup> Including non-ferrous metals

ENERGY BALANCE OF GEORGIA, 2018

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar, wind, etc.	Biofuel & Waste	Electricity	Heat	Total
Textiles and leather	-	-	0,1	38,5	-	-	-	-	56,2	-	94,8
Not elsewhere specified (Industry)	-	-	2,4	185,5	-	-	-	-	1 013,0	-	1 200,9
<b>Transport</b>	<b>-</b>	<b>-</b>	<b>46 750,5</b>	<b>12 253,5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1 315,8</b>	<b>-</b>	<b>60 319,8</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	12,9	-	-	-	-	-	-	-	12,9
Road	-	-	45 970,7	8 015,0	-	-	-	-	-	-	53 985,7
Rail	-	-	458,1	-	-	-	-	-	1 281,6	-	1 739,7
Domestic navigation	-	-	23,4	-	-	-	-	-	-	-	23,4
Pipeline transport	-	-	285,4	4 238,5	-	-	-	-	-	-	4 523,9
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	34,2	-	34,2
<b>Other</b>	<b>24,2</b>	<b>-</b>	<b>1 354,2</b>	<b>37 191,0</b>	<b>-</b>	<b>-</b>	<b>798,8</b>	<b>11 265,2</b>	<b>29 758,0</b>	<b>-</b>	<b>80 391,4</b>
Commercial and public services	8,2	-	61,9	7 122,5	-	-	491,9	148,0	13 611,6	-	21 444,2
Residential	8,4	-	790,7	29 785,0	-	-	267,5	11 116,7	8 942,4	-	50 910,8
Agriculture/forestry/fishing	7,6	-	501,5	283,5	-	-	39,4	0,5	285,8	-	1 118,3
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	6 918,1	-	6 918,1
<b>Non-energy use</b>	<b>-</b>	<b>-</b>	<b>4 808,9</b>	<b>9 411,5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14 220,4</b>
<b>Transformation sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Energy sector</b>	<b>-</b>	<b>-</b>	<b>60,8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,8</b>
<b>Transport sector</b>	<b>-</b>	<b>-</b>	<b>646,8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>646,8</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	642,2	-	-	-	-	-	-	-	642,2
Rail	-	-	4,6	-	-	-	-	-	-	-	4,6
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-

## ENERGY BALANCE OF GEORGIA, 2018

	Coal	Crude Oil	Oil products	Natural Gas	Nucle ar	Hydro	Geother mal, solar, wind, etc.	Biofuel & Waste	Electricity	Heat	Total
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
<b>Industry sector</b>	-	-	<b>4 067,1</b>	<b>9 411,5</b>	-	-	-	-	-	-	<b>13 478,6</b>
Iron and steel	-	-	7,6	-	-	-	-	-	-	-	7,6
Chemical (including petrochemical)	-	-	5,7	9 411,5	-	-	-	-	-	-	9 417,2
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	281,2	-	-	-	-	-	-	-	281,2
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying <sup>2</sup>	-	-	98,8	-	-	-	-	-	-	-	98,8
Food, beverages and tobacco	-	-	0,0	-	-	-	-	-	-	-	0,0
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	0,0	-	-	-	-	-	-	-	0,0
Construction	-	-	3 672,7	-	-	-	-	-	-	-	3 672,7
Textiles and leather	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	1,1	-	-	-	-	-	-	-	1,1
<b>Other sectors</b>	-	-	<b>34,2</b>	-	-	-	-	-	-	-	<b>34,2</b>
Commercial and public services	-	-	-	-	-	-	-	-	-	-	-
Residential	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	-	34,2	-	-	-	-	-	-	-	34,2
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-

<sup>2</sup> Including non-ferrous metals

## AGGREGATED ENERGY BALANCE OF GEORGIA, 2018

(Thousand tonnes of oil equivalent)

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar, wind etc.	Biofuel & Waste	Electricity	Heat	Total
Production	56,0	30,7	-	8,5	-	855,5	28,3	272,4	-	-	1 251,4
Imports	268,7	2,0	1 478,3	2 004,7	-	-	-	-	130,9	-	3 884,6
Exports	0,8	9,4	100,6	-	-	-	-	1,6	51,8	-	164,2
International Marine Bunkers	-	-	1,6	-	-	-	-	-	-	-	1,6
International Aviation Bunkers	-	-	105,3	-	-	-	-	-	-	-	105,3
Stock Changes	-21,1	1,3	-25,3	-	-	-	-	-	-	-	-45,0
<b>DOMESTIC SUPPLY</b>	<b>302,8</b>	<b>24,5</b>	<b>1 245,6</b>	<b>2 013,2</b>	-	<b>855,5</b>	<b>28,3</b>	<b>270,8</b>	<b>79,1</b>	-	<b>4 819,9</b>
Available	302,8	24,5	1 267,4	2 013,2	-	855,5	28,3	270,8	1 123,7	-	-
Transfers	-	-	21,8	-	-	-	-	-	-	-	21,8
Statistical Differences	0,0	0,5	0,0	0,0	-	0,0	-	0,0	0,0	-	0,5
<b>Transformation Sector - Input</b>	<b>8,6</b>	<b>24,1</b>	-	<b>408,5</b>	-	<b>855,5</b>	<b>7,3</b>	-	-	-	<b>1 303,8</b>
MA Thermal Electricity Plants	8,6	-	-	408,5	-	-	-	-	-	-	417,0
MA Hydro Electricity Plants	-	-	-	-	-	855,5	-	-	-	-	855,5
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	24,1	-	-	-	-	-	-	-	-	24,1
Wind Plants	-	-	-	-	-	-	7,3	-	-	-	7,3
<b>Transformation Sector – Production</b>	-	-	<b>21,8</b>	-	-	-	-	-	<b>1 044,6</b>	-	<b>1 066,4</b>
MA Thermal Electricity Plants	-	-	-	-	-	-	-	-	181,8	-	181,8
MA Hydro Electricity Plants	-	-	-	-	-	-	-	-	855,5	-	855,5
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	21,8	-	-	-	-	-	-	-	21,8
Wind Plants	-	-	-	-	-	-	-	-	7,2	-	7,2

## ENERGY BALANCE OF GEORGIA, 2018

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar, wind etc.	Biofuel & Waste	Electricity	Heat	Total
<b>Energy Sector</b>	<b>0,3</b>	-	-	-	-	-	-	-	<b>21,1</b>	-	<b>21,4</b>
Coal Mines	0,3	-	-	-	-	-	-	-	1,1	-	1,4
Oil and Gas Extraction	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Own Use in Thermal Electricity Plants	-	-	-	-	-	-	-	-	8,1	-	8,1
Own Use in Hydro Electricity Plants	-	-	-	-	-	-	-	-	11,9	-	11,9
Used for Pumped Storage	-	-	-	-	-	-	-	-	-	-	-
Non-specified (Energy)	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution Losses</b>	-	-	-	<b>92,4</b>	-	-	<b>1,9</b>	-	<b>76,2</b>	-	<b>170,5</b>
<b>FINAL CONSUMPTION</b>	<b>294,0</b>	-	<b>1 267,4</b>	<b>1 512,4</b>	-	-	<b>19,1</b>	<b>270,8</b>	<b>1 026,4</b>	-	<b>4 390,1</b>
<b>Industry</b>	<b>293,4</b>	-	<b>3,6</b>	<b>106,7</b>	-	-	-	<b>1,7</b>	<b>284,2</b>	-	<b>689,6</b>
Iron and steel	127,4	-	0,2	15,7	-	-	-	-	164,4	-	307,7
Chemical (including petrochemical)	-	-	0,0	2,6	-	-	-	-	27,7	-	30,3
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	161,1	-	0,3	29,1	-	-	-	0,0	22,0	-	212,4
Transport equipment	-	-	-	0,2	-	-	-	-	0,1	-	0,3
Machinery	-	-	0,0	0,5	-	-	-	-	0,8	-	1,3
Mining and quarrying <sup>3</sup>	-	-	-	1,2	-	-	-	-	10,6	-	11,8
Food, beverages and tobacco	5,0	-	0,1	35,5	-	-	-	1,6	21,1	-	63,3
Paper, pulp and printing	-	-	-	3,5	-	-	-	-	1,3	-	4,9
Wood and wood products	-	-	-	0,3	-	-	-	0,0	0,6	-	0,9
Construction	-	-	3,0	12,8	-	-	-	0,0	10,0	-	25,8
Textiles and leather	-	-	0,0	0,9	-	-	-	-	1,3	-	2,3

<sup>3</sup> Including non-ferrous metals

## ENERGY BALANCE OF GEORGIA, 2018

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar, wind etc.	Biofuel & Waste	Electricity	Heat	Total
Not elsewhere specified (Industry)	-	-	0,1	4,4	-	-	-	-	24,2	-	28,7
<b>Transport</b>	-	-	<b>1 116,6</b>	<b>292,7</b>	-	-	-	-	<b>31,4</b>	-	<b>1 440,7</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	0,3	-	-	-	-	-	-	-	0,3
Road	-	-	1 098,0	191,4	-	-	-	-	-	-	1 289,4
Rail	-	-	10,9	-	-	-	-	-	30,6	-	41,6
Domestic navigation	-	-	0,6	-	-	-	-	-	-	-	0,6
Pipeline transport	-	-	6,8	101,2	-	-	-	-	-	-	108,0
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	0,8	-	0,8
<b>Other</b>	<b>0,6</b>	-	<b>32,3</b>	<b>888,3</b>	-	-	<b>19,1</b>	<b>269,1</b>	<b>710,8</b>	-	<b>1 920,1</b>
Commercial and public services	0,2	-	1,5	170,1	-	-	11,7	3,5	325,1	-	512,2
Residential	0,2	-	18,9	711,4	-	-	6,4	265,5	213,6	-	1 216,0
Agriculture/forestry/fishing	0,2	-	12,0	6,8	-	-	0,9	0,0	6,8	-	26,7
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	165,2	-	165,2
<b>Non-energy use</b>	-	-	<b>114,9</b>	<b>224,8</b>	-	-	-	-	-	-	<b>339,6</b>
<b>Transformation sector</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Energy sector</b>	-	-	<b>1,5</b>	-	-	-	-	-	-	-	<b>1,5</b>
<b>Transport sector</b>	-	-	<b>15,4</b>	-	-	-	-	-	-	-	<b>15,4</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	15,3	-	-	-	-	-	-	-	15,3
Rail	-	-	0,1	-	-	-	-	-	-	-	0,1
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-

## ENERGY BALANCE OF GEORGIA, 2018

	Coal	Crude Oil	Oil products	Natural Gas	Nucle ar	Hydro	Geother mal, solar, wind etc.	Biofuel & Waste	Electricity	Heat	Total
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
<b>Industry sector</b>	-	-	<b>97,1</b>	<b>224,8</b>	-	-	-	-	-	-	<b>321,9</b>
Iron and steel	-	-	0,2	-	-	-	-	-	-	-	0,2
Chemical (including petrochemical)	-	-	0,1	224,8	-	-	-	-	-	-	224,9
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	6,7	-	-	-	-	-	-	-	6,7
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying <sup>4</sup>	-	-	2,4	-	-	-	-	-	-	-	2,4
Food, beverages and tobacco	-	-	0,0	-	-	-	-	-	-	-	0,0
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	0,0	-	-	-	-	-	-	-	0,0
Construction	-	-	87,7	-	-	-	-	-	-	-	87,7
Textiles and leather	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	0,0	-	-	-	-	-	-	-	0,0
<b>Other sectors</b>	-	-	<b>0,8</b>	-	-	-	-	-	-	-	<b>0,8</b>
Commercial and public services	-	-	-	-	-	-	-	-	-	-	-
Residential	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	-	0,8	-	-	-	-	-	-	-	0,8
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-

<sup>4</sup> Including non-ferrous metals

## ELECTRICITY AND HEAT



## SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT, 2018

	Hydro (GWh)	Wind	Geothermal (TJ)	Solar (TJ)	Electricity (GWh)
Production	9 949,4	84,3	751,6	128,6	12 148,6
Imports	-	-	-	-	1 522,2
Exports	-	-	-	-	602,0
Stock Changes	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>9 949,4</b>	<b>84,3</b>	<b>751,6</b>	<b>128,6</b>	<b>13 068,8</b>
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>9 949,4</b>	<b>84,3</b>	-	-	-
MA Hydro Electricity Plants	9 949,4	-	-	-	-
Wind Plants	-	84,3	-	-	-
<b>Transformation Sector - Production</b>	-	-	-	-	<b>12 148,6</b>
MA Thermal Electricity Plants	-	-	-	-	2 114,9
MA Hydro Electricity Plants	-	-	-	-	9 949,4
Wind Plants	-	-	-	-	84,3
<b>Energy Sector</b>	-	-	-	-	<b>245,5</b>
Coal Mines	-	-	-	-	12,5
Own Use in Thermal Electricity Plants	-	-	-	-	94,6
Own Use in Hydro Electricity Plants	-	-	-	-	138,4
<b>Distribution Losses</b>	-	-	<b>81,4</b>	-	<b>886,0</b>
<b>FINAL CONSUMPTION</b>	-	-	<b>670,2</b>	<b>128,6</b>	<b>11 937,3</b>
<b>Industry</b>	-	-	-	-	<b>3 305,7</b>
Iron and steel	-	-	-	-	1 911,4
Chemical (including petrochemical)	-	-	-	-	322,3
Non-ferrous metals	-	-	-	-	...
Non-metallic minerals	-	-	-	-	256,0
Transport equipment	-	-	-	-	1,6
Machinery	-	-	-	-	9,3
Mining and quarrying <sup>1</sup>	-	-	-	-	123,2
Food, beverages and tobacco	-	-	-	-	245,7
Paper, pulp and printing	-	-	-	-	15,6
Wood and wood products	-	-	-	-	7,3
Construction	-	-	-	-	116,3
Textiles and leather	-	-	-	-	15,6
Not elsewhere specified (Industry)	-	-	-	-	281,4

<sup>1</sup>Including non-ferrous metals

## ELECTRICITY AND HEAT

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	Hydro (GWh)	Wind	Geothermal (TJ)	Solar (TJ)	Electricity (GWh)
<b>Transport</b>	-	-	-	-	<b>365,5</b>
Rail	-	-	-	-	356,0
Other	-	-	-	-	9,5
<b>Other</b>	-	-	<b>670,2</b>	<b>128,6</b>	<b>8 266,1</b>
Commercial and public services	-	-	366,7	125,2	3 781,0
Residential	-	-	264,1	3,4	2 484,0
Agriculture/forestry/fishing	-	-	39,4	-	79,4
Not elsewhere specified (Other)	-	-	-	-	1 921,7

## SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT, 2018

(TJ)

	Hydro	Wind	Geothermal	Solar	Electricity	Total
Production	35 817,8	303,5	751,6	128,6	-	37 001,5
Imports	-	-	-	-	5 479,9	5 479,9
Exports	-	-	-	-	2 167,2	2 167,2
Stock Changes	-	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>35 817,8</b>	<b>303,5</b>	<b>751,6</b>	<b>128,6</b>	<b>3 312,7</b>	<b>40 314,2</b>
Available	35 817,8	303,5	751,6	128,6	47 047,7	-
Transfers	-	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>35 817,8</b>	<b>303,5</b>	-	-	-	<b>36 121,3</b>
MA Hydro Electricity Plants	35 817,8	-	-	-	-	35 817,8
Wind Plants	-	303,5	-	-	-	303,5
<b>Transformation Sector - Production</b>	-	-	-	-	<b>43 735,0</b>	<b>43 735,0</b>
MA Thermal Electricity Plants	-	-	-	-	7 613,6	7 613,6
MA Hydro Electricity Plants	-	-	-	-	35 817,8	35 817,8
Wind Plants	-	-	-	-	303,5	303,5
<b>Energy Sector</b>	-	-	-	-	<b>883,8</b>	<b>883,8</b>
Coal Mines	-	-	-	-	45,0	45,0
Own Use in Thermal Electricity Plants	-	-	-	-	340,6	340,6
Own Use in Hydro Electricity Plants	-	-	-	-	498,2	498,2
<b>Distribution Losses</b>	-	-	<b>81,4</b>	-	<b>3 189,6</b>	<b>3 271,0</b>
<b>FINAL CONSUMPTION</b>	-	-	<b>670,2</b>	<b>128,6</b>	<b>42 974,3</b>	<b>43 773,1</b>
<b>Industry</b>	-	-	-	-	<b>11 900,5</b>	<b>11 900,5</b>
Iron and steel	-	-	-	-	6 881,0	6 881,0
Chemical (including petrochemical)	-	-	-	-	1 160,3	1 160,3
Non-ferrous metals	-	-	-	-	...	...
Non-metallic minerals	-	-	-	-	921,6	921,6
Transport equipment	-	-	-	-	5,8	5,8
Machinery	-	-	-	-	33,5	33,5
Mining and quarrying <sup>2</sup>	-	-	-	-	443,5	443,5
Food, beverages and tobacco	-	-	-	-	884,5	884,5
Paper, pulp and printing	-	-	-	-	56,2	56,2
Wood and wood products	-	-	-	-	26,3	26,3
Construction	-	-	-	-	418,7	418,7

<sup>2</sup>Including non-ferrous metals

## ELECTRICITY AND HEAT

	Hydro	Wind	Geothermal	Solar	Electricity	Total
Textiles and leather	-	-	-	-	56,2	56,2
Not elsewhere specified (Industry)	-	-	-	-	1 013,0	1 013,0
<b>Transport</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1 315,8</b>	<b>1 315,8</b>
Rail	-	-	-	-	1 281,6	1 281,6
Other	-	-	-	-	34,2	34,2
<b>Other</b>	<b>-</b>	<b>-</b>	<b>670,2</b>	<b>128,6</b>	<b>29 758,0</b>	<b>30 556,8</b>
Commercial and public services	-	-	366,7	125,2	13 611,6	14 103,5
Residential	-	-	264,1	3,4	8 942,4	9 209,9
Agriculture/forestry/fishing	-	-	39,4	-	285,8	325,2
Not elsewhere specified (Other)	-	-	-	-	6 918,1	6 918,1

**SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT, 2018**  
(thousand tonnes of oil equivalent)

	Hydro	Wind	Geothermal	Solar	Electricity	Total
Production	855,5	7,2	18,0	3,1	-	883,8
Imports	-	-	-	-	130,9	130,9
Exports	-	-	-	-	51,8	51,8
Stock Changes	-	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>855,5</b>	<b>7,2</b>	<b>18,0</b>	<b>3,1</b>	<b>79,1</b>	<b>962,9</b>
Available	855,5	7,2	18,0	3,1	1 123,7	-
Transfers	-	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>855,5</b>	<b>7,3</b>	-	-	-	<b>862,7</b>
MA Hydro Electricity Plants	855,5	-	-	-	-	855,5
Wind Plants	-	7,3	-	-	-	7,3
<b>Transformation Sector - Production</b>	-	-	-	-	<b>1 044,6</b>	<b>1 044,6</b>
MA Thermal Electricity Plants	-	-	-	-	181,8	181,8
MA Hydro Electricity Plants	-	-	-	-	855,5	855,5
Wind Plants	-	-	-	-	7,2	7,2
<b>Energy Sector</b>	-	-	-	-	<b>21,1</b>	<b>21,1</b>
Coal Mines	-	-	-	-	1,1	1,1
Own Use in Thermal Electricity Plants	-	-	-	-	8,1	8,1
Own Use in Hydro Electricity Plants	-	-	-	-	11,9	11,9
<b>Distribution Losses</b>	-	-	<b>1,9</b>	-	<b>76,2</b>	<b>78,1</b>
<b>FINAL CONSUMPTION</b>	-	-	<b>16,0</b>	<b>3,1</b>	<b>1 026,4</b>	<b>1 045,5</b>
<b>Industry</b>	-	-	-	-	<b>284,2</b>	<b>284,2</b>
Iron and steel	-	-	-	-	164,4	164,4
Chemical (including petrochemical)	-	-	-	-	27,7	27,7
Non-ferrous metals	-	-	-	-	...	...
Non-metallic minerals	-	-	-	-	22,0	22,0
Transport equipment	-	-	-	-	0,1	0,1
Machinery	-	-	-	-	0,8	0,8
Mining and quarrying <sup>3</sup>	-	-	-	-	10,6	10,6
Food, beverages and tobacco	-	-	-	-	21,1	21,1
Paper, pulp and printing	-	-	-	-	1,3	1,3
Wood and wood products	-	-	-	-	0,6	0,6
Construction	-	-	-	-	10,0	10,0

<sup>3</sup>Including non-ferrous metals

## ELECTRICITY AND HEAT

	Hydro	Wind	Geothermal	Solar	Electricity	Total
Textiles and leather	-	-	-	-	1,3	1,3
Not elsewhere specified (Industry)	-	-	-	-	24,2	24,2
<b>Transport</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31,4</b>	<b>31,4</b>
Rail	-	-	-	-	30,6	30,6
Other	-	-	-	-	0,8	0,8
<b>Other</b>	<b>-</b>	<b>-</b>	<b>16,0</b>	<b>3,1</b>	<b>710,8</b>	<b>729,8</b>
Commercial and public services	-	-	8,8	3,0	325,1	336,9
Residential	-	-	6,3	0,1	213,6	220,0
Agriculture/forestry/fishing	-	-	0,9	-	6,8	7,8
Not elsewhere specified (Other)	-	-	-	-	165,2	165,2

## NATURAL GAS



## SUPPLY AND CONSUMPTION OF NATURAL GAS, 2018

	Natural Gas (mil. m <sup>3</sup> )
Production	10,2
Imports	2 398,1
Exports	-
Stock Changes	-
<b>DOMESTIC SUPPLY</b>	<b>2 408,3</b>
Transfers	-
Statistical Differences	0,0
<b>Transformation Sector - Input</b>	<b>488,6</b>
MA Thermal Electricity Plants	488,6
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
<b>Distribution Losses</b>	<b>110,5</b>
<b>FINAL CONSUMPTION</b>	<b>1 809,2</b>
<b>Industry</b>	<b>127,6</b>
Iron and steel	18,8
Chemical (including petrochemical)	3,1
Non-ferrous metals	...
Non-metallic minerals	34,8
Transport equipment	0,2
Machinery	0,6
Mining and quarrying <sup>1</sup>	1,4
Food, beverages and tobacco	42,5
Paper, pulp and printing	4,2
Wood and wood products	0,3
Construction	15,3
Textiles and leather	1,1
Not elsewhere specified (Industry)	5,3
<b>Transport</b>	<b>350,1</b>
Road	229,0
Pipeline transport	121,1
<b>Other</b>	<b>1 062,6</b>
Commercial and public services	203,5

<sup>1</sup> Including non-ferrous metals

## NATURAL GAS

	Natural Gas (mil. m <sup>3</sup> )
Residential	851,0
Agriculture/forestry/fishing	8,1
other	-
<b>Non-energy use</b>	<b>268,9</b>
<b>Industry sector</b>	<b>268,9</b>
Chemical (including petrochemical)	268,9

**SUPPLY AND CONSUMPTION OF NATURAL GAS, 2018**  
 (TJ)

	Natural Gas
Production	357,0
Imports	83 933,5
Exports	-
Stock Changes	-
<b>DOMESTIC SUPPLY</b>	<b>84 290,5</b>
Available	84 290,5
Transfers	-
Statistical Differences	-
<b>Transformation Sector - Input</b>	<b>17 101,0</b>
MA Thermal Electricity Plants	17 101,0
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
<b>Distribution Losses</b>	<b>3 867,5</b>
<b>FINAL CONSUMPTION</b>	<b>63 322,0</b>
<b>Industry</b>	<b>4 466,0</b>
Iron and steel	658,0
Chemical (including petrochemical)	108,5
Non-ferrous metals	...
Non-metallic minerals	1 218,0
Transport equipment	7,0
Machinery	21,0
Mining and quarrying <sup>2</sup>	49,0
Food, beverages and tobacco	1 487,5
Paper, pulp and printing	147,0
Wood and wood products	10,5
Construction	535,5
Textiles and leather	38,5
Not elsewhere specified (Industry)	185,5
<b>Transport</b>	<b>12 253,5</b>
Road	8 015,0
Pipeline transport	4 238,5

<sup>2</sup> Including non-ferrous metals

## NATURAL GAS

	Natural Gas
<b>Other</b>	<b>37 191,0</b>
Commercial and public services	7 122,5
Residential	29 785,0
Agriculture/forestry/fishing	283,5
Not elsewhere specified (Other)	-
<b>Non-energy use</b>	<b>9 411,5</b>
<b>Industry sector</b>	<b>9 411,5</b>
Chemical (including petrochemical)	9 411,5

**SUPPLY AND CONSUMPTION OF NATURAL GAS, 2018**

(Thousand tonnes of oil equivalent)

	Natural Gas
Production	8,5
Imports	2 004,7
Exports	-
Stock Changes	-
<b>DOMESTIC SUPPLY</b>	<b>2 013,2</b>
Available	2 013,2
Transfers	-
Statistical Differences	0,0
<b>Transformation Sector - Input</b>	<b>408,5</b>
MA Thermal Electricity Plants	408,5
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
<b>Distribution Losses</b>	<b>92,4</b>
<b>FINAL CONSUMPTION</b>	<b>1 512,4</b>
<b>Industry</b>	<b>106,7</b>
Iron and steel	15,7
Chemical (including petrochemical)	2,6
Non-ferrous metals	...
Non-metallic minerals	29,1
Transport equipment	0,2
Machinery	0,5
Mining and quarrying <sup>3</sup>	1,2
Food, beverages and tobacco	35,5
Paper, pulp and printing	3,5
Wood and wood products	0,3
Construction	12,8
Textiles and leather	0,9
Not elsewhere specified (Industry)	4,4
<b>Transport</b>	<b>292,7</b>
Road	191,4
Pipeline transport	101,2
<b>Other</b>	<b>888,3</b>
Commercial and public services	170,1

<sup>3</sup> Including non-ferrous metals

## NATURAL GAS

	Natural Gas
Residential	711,4
Agriculture/forestry/fishing	6,8
Not elsewhere specified (Other)	-
<b>Non-energy use</b>	<b>224,8</b>
<b>Industry sector</b>	<b>224,8</b>
Chemical (including petrochemical)	224,8

## COAL



**SUPPLY AND CONSUMPTION OF COAL, 2018**

(Thousand tonnes)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke
Production	-	-	137,9	-
Imports	11,7	246,3	-	162,0
Exports	-	-	1,9	-
Stock Changes	-5,4	-27,0	1,8	-2,7
<b>DOMESTIC SUPPLY</b>	<b>6,3</b>	<b>219,3</b>	<b>137,8</b>	<b>159,3</b>
Transfers	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>-</b>	<b>-</b>	<b>21,1</b>	<b>-</b>
Coal TP	-	-	21,1	-
<b>Energy Sector</b>	<b>-</b>	<b>-</b>	<b>0,7</b>	<b>-</b>
Coal Mines	-	-	0,7	-
<b>FINAL CONSUMPTION</b>	<b>6,3</b>	<b>219,3</b>	<b>116,0</b>	<b>159,3</b>
<b>Industry</b>	<b>6,1</b>	<b>219,1</b>	<b>115,3</b>	<b>159,3</b>
Iron and steel	-	24,0	3,8	159,3
Non-metallic minerals	-	193,9	111,5	-
Mining and quarrying <sup>1</sup>	-	-	-	-
Food, beverages and tobacco	6,1	1,2	-	-
Wood and wood products	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-
<b>Other</b>	<b>0,3</b>	<b>0,2</b>	<b>0,7</b>	<b>-</b>
Commercial and public services	0,1	-	0,3	-
Residential	0,1	-	0,3	-
Agriculture/forestry/fishing	0,0	0,2	0,1	-

<sup>1</sup>Including non-ferrous metals

## SUPPLY AND CONSUMPTION OF COAL, 2018

(TJ)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke	Total
Production	-	-	2 344,3	-	2 344,3
Imports	342,9	6 157,5	-	4 748,2	11 248,6
Exports	-	-	32,3	-	32,3
Stock Changes	-158,3	-675,0	30,6	-79,1	-881,8
<b>DOMESTIC SUPPLY</b>	<b>184,7</b>	<b>5 482,5</b>	<b>2 342,6</b>	<b>4 669,1</b>	<b>12 678,8</b>
Available	184,7	5 482,5	2 342,6	4 669,1	12 678,8
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>-</b>	<b>-</b>	<b>358,7</b>	<b>-</b>	<b>358,7</b>
Coal TP	-	-	358,7	-	358,7
<b>Energy Sector</b>	<b>-</b>	<b>-</b>	<b>11,9</b>	<b>-</b>	<b>11,9</b>
Coal Mines	-	-	11,9	-	11,9
<b>FINAL CONSUMPTION</b>	<b>184,7</b>	<b>5 482,5</b>	<b>1 972,0</b>	<b>4 669,1</b>	<b>12 308,2</b>
<b>Industry</b>	<b>177,3</b>	<b>5 477,5</b>	<b>1 960,1</b>	<b>4 669,1</b>	<b>12 284,0</b>
Iron and steel	-	600,0	64,6	4 669,1	5 333,7
Non-metallic minerals	-	4 847,5	1 895,5	-	6 743,0
Mining and quarrying <sup>2</sup>	-	-	-	-	-
Food, beverages and tobacco	177,3	30,0	-	-	207,3
Wood and wood products	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-	-
<b>Other</b>	<b>7,3</b>	<b>5,0</b>	<b>11,9</b>	<b>-</b>	<b>24,2</b>
Commercial and public services	2,9	-	5,3	-	8,2
Residential	3,5	-	4,9	-	8,4
Agriculture/forestry/fishing	0,9	5,0	1,7	-	7,6

<sup>2</sup>Including non-ferrous metals

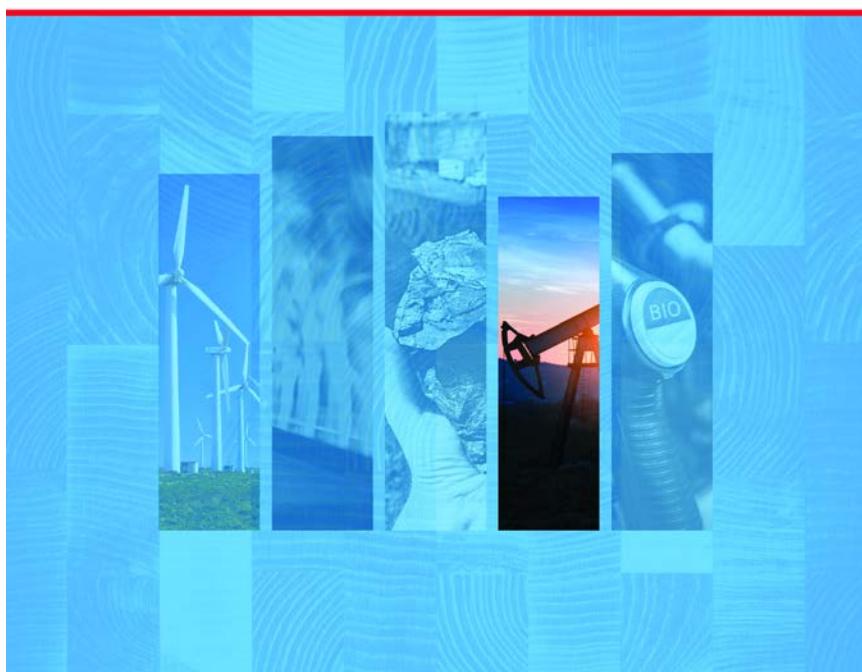
**SUPPLY AND CONSUMPTION OF COAL, 2018**

(Thousand tonnes of oil equivalent)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke	Total
Production	-	-	56,0	-	56,0
Imports	8,2	147,1	-	113,4	268,7
Exports	-	-	0,8	-	0,8
Stock Changes	-3,8	-16,1	0,7	-1,9	-21,1
<b>Domestic Supply</b>	<b>4,4</b>	<b>130,9</b>	<b>56,0</b>	<b>111,5</b>	<b>302,8</b>
Available	4,4	130,9	56,0	111,5	302,8
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>-</b>	<b>-</b>	<b>8,6</b>	<b>-</b>	<b>8,6</b>
Coal TP	-	-	8,6	-	8,6
<b>Energy Sector</b>	<b>-</b>	<b>-</b>	<b>0,3</b>	<b>-</b>	<b>0,3</b>
Coal Mines	-	-	0,3	-	0,3
<b>FINAL CONSUMPTION</b>	<b>4,4</b>	<b>130,9</b>	<b>47,1</b>	<b>111,5</b>	<b>294,0</b>
<b>Industry</b>	<b>4,2</b>	<b>130,8</b>	<b>46,8</b>	<b>111,5</b>	<b>293,4</b>
Iron and steel	-	14,3	1,5	111,5	127,4
Non-metallic minerals	-	115,8	45,3	-	161,1
Mining and quarrying <sup>3</sup>	-	-	-	-	-
Food, beverages and tobacco	4,2	0,7	-	-	5,0
Wood and wood products	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-	-
<b>Other</b>	<b>0,2</b>	<b>0,1</b>	<b>0,3</b>	<b>-</b>	<b>0,6</b>
Commercial and public services	0,1	-	0,1	-	0,2
Residential	0,1	-	0,1	-	0,2
Agriculture/forestry/fishing	0,0	0,1	0,0	-	0,1

<sup>3</sup>Including non-ferrous metals

## OIL AND OIL PRODUCTS



## OIL AND OIL PRODUCTS

### SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS, 2018

	Crude Oil (1000 tonnes)	Liquefied Petroleum Gases (1000 tonnes)	Motor Gasoline (1000 tonnes)	Kerosene type Jet Fuel (1000 tonnes)	Kerosene (1000 tonnes)	Road diesel (1000 tonnes)	Heating and other gas oil (1000 tonnes)	Fuel oil-low sulphur (< 1%) (1000 tonnes)	Fuel oil-high sulphur (>= 1%) (1000 tonnes)	Lubricants (1000 tonnes)	Bitumen (1000 tonnes)	Paraffin Waxes (1000 tonnes)	Non-specified Petroleum Prods. (1000 tonnes)
Production	30,2	-	-	-	-	-	-	-	-	-	-	-	-
Imports	2,0	20,5	547,6	101,8	-	542,0	20,9	88,5	-	22,6	105,8	-	1,7
Exports	9,3	-	1,3	0,0	-	3,8	-	94,8	-	3,1	0,0	-	1,7
International Marine Bunkers	-	-	-	-	-	1,6	-	-	-	-	-	-	-
International Aviation Bunkers	-	-	-	102,5	-	-	-	-	-	-	-	-	-
Stock Changes	1,3	0,5	-7,5	1,0	-	-17,8	-	0,5	-	0,3	0,8	-	-2,6
<b>DOMESTIC SUPPLY</b>	<b>24,2</b>	<b>21,0</b>	<b>538,8</b>	<b>0,3</b>	<b>-</b>	<b>518,8</b>	<b>20,9</b>	<b>-5,8</b>	<b>-</b>	<b>19,8</b>	<b>106,6</b>	<b>-</b>	<b>-2,6</b>
Transfers	-	-	1,1	-	-	9,6	-	8,8	-	-	-	-	2,7
Statistical Differences	0,5	0,0	0,0	0,0	-	0,0	0,0	0,0	-	0,0	0,0	-	0,0
<b>Transformation Sector - Input</b>	<b>23,7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Petroleum Refineries	23,7	-	-	-	-	-	-	-	-	-	-	-	-
<b>Transformation Sector - Production</b>	-	-	<b>1,1</b>	-	-	<b>9,6</b>	-	<b>8,8</b>	-	-	-	-	<b>2,7</b>
Petroleum Refineries	-	-	1,1	-	-	9,6	-	8,8	-	-	-	-	2,7
<b>FINAL CONSUMPTION</b>	-	<b>21,0</b>	<b>539,9</b>	<b>0,3</b>	<b>-</b>	<b>528,4</b>	<b>20,9</b>	<b>3,0</b>	<b>-</b>	<b>19,8</b>	<b>106,6</b>	<b>-</b>	<b>0,2</b>
<b>Industry</b>	-	<b>0,1</b>	-	-	-	-	<b>1,0</b>	<b>2,5</b>	-	-	-	-	-
Iron and steel	-	0,0	-	-	-	-	0,2	-	-	-	-	-	-
Chemical (including petrochemical)	-	0,0	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	0,0	-	-	-	-	-	0,3	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-	-	-	-	-	-

## OIL AND OIL PRODUCTS

	Crude Oil (1000 tonnes)	Liquefied Petroleum Gases (1000 tonnes)	Motor Gasoline (1000 tonnes)	Kerosene type Jet Fuel (1000 tonnes)	Kerosene (1000 tonnes)	Road diesel (1000 tonnes)	Heating and other gas oil (1000 tonnes)	Fuel oil-low sulphur (< 1%) (1000 tonnes)	Fuel oil-high sulphur (>= 1%) (1000 tonnes)	Lubricants (1000 tonnes)	Bitumen (1000 tonnes)	Paraffin Waxes (1000 tonnes)	Non-specified Petroleum Prods. (1000 tonnes)
Mining and quarrying <sup>1</sup>	-	0,0	-	-	-	-	-	-	-	-	-	-	-
Food, beverages and tobacco	-	0,0	-	-	-	-	0,0	0,0	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	-	0,0	-	-	-	-	0,8	2,2	-	-	-	-	-
Textiles and leather	-	-	-	-	-	-	0,0	-	-	-	-	-	-
Not elsewhere specified (Industry)	-	0,0	-	-	-	-	0,0	-	-	-	-	-	-
<b>Transport</b>	<b>-</b>	<b>3,6</b>	<b>538,8</b>	<b>0,3</b>	<b>-</b>	<b>518,8</b>	<b>17,6</b>	<b>0,5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	0,3	-	-	-	-	-	-	-	-	-
Road	-	3,6	538,8	-	-	518,8	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	10,3	0,5	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	6,7	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	0,6	-	-	-	-	-	-
<b>Other</b>	<b>-</b>	<b>17,3</b>	<b>1,1</b>	<b>-</b>	<b>-</b>	<b>9,6</b>	<b>2,3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Commercial and public services	-	0,1	-	-	-	-	1,4	-	-	-	-	-	-
Residential	-	17,2	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	0,1	1,1	-	-	9,6	0,9	-	-	-	-	-	-
<b>Non-energy use</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19,8</b>	<b>106,6</b>	<b>-</b>	<b>0,2</b>
<b>Energy sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,6</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Transport sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,0</b>	<b>-</b>	<b>-</b>	<b>-</b>
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Including non-ferrous metals

## OIL AND OIL PRODUCTS

	Crude Oil (1000 tonnes)	Liquefied Petroleum Gases (1000 tonnes)	Motor Gasoline (1000 tonnes)	Kerosene type Jet Fuel (1000 tonnes)	Kerosene (1000 tonnes)	Road diesel (1000 tonnes)	Heating and other gas oil (1000 tonnes)	Fuel oil-low sulphur (< 1%) (1000 tonnes)	Fuel oil-high sulphur (>= 1%) (1000 tonnes)	Lubricants (1000 tonnes)	Bitumen (1000 tonnes)	Paraffin Waxes (1000 tonnes)	Non-specified Petroleum Prods. (1000 tonnes)
Road	-	-	-	-	-	-	-	-	-	16,9	-	-	-
Rail	-	-	-	-	-	-	-	-	-	0,1	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	0,0	-	-	-
<b>Industry sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0,3</b>	<b>106,6</b>	<b>-</b>	<b>0,2</b>
Iron and steel	-	-	-	-	-	-	-	-	-	0,2	-	-	-
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	0,0	-	-	0,2
Non-metallic minerals	-	-	-	-	-	-	-	-	-	7,4	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	0,0	-	-	-
Mining and quarrying <sup>2</sup>	-	-	-	-	-	-	-	-	-	0,0	2,6	-	-
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	0,0	-	-	-
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	0,0	-	-	-
Construction	-	-	-	-	-	-	-	-	-	0,1	96,6	-	-
Textiles and leather	-	-	-	-	-	-	-	-	-	0,0	-	-	-
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	0,0	-	-	-
<b>Other sectors</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0,9</b>	<b>-</b>	<b>-</b>	<b>-</b>
Agriculture/forestry/fishing	-	-	-	-	-	-	-	-	-	0,9	-	-	-
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>2</sup> Including non-ferrous metals

## OIL AND OIL PRODUCTS

### SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS, 2018

(TJ)

	Crude Oil	Liquefied Petroleum Gases	Motor Gasoline	Kerosene type Jet Fuel	Kerosene	Road diesel	Heating and other gas oil	Fuel oil-low sulph. (< 1%)	Fuel oil-high sulph. (>=1%)	Lubricants	Bitumen	Paraffin Waxes	Non-specified Petroleum Prods.	Total
Production	1 283,5	-	-	-	-	-	-	-	-	-	-	-	-	1 283,5
Imports	84,2	943,0	24 094,4	4 377,4	-	23 089,2	890,3	3 556,8	-	858,8	4 020,4	-	64,6	61 979,1
Exports	395,3	-	57,2	-	-	161,9	-	3 810,0	-	117,8	-	-	64,6	4 606,7
International Marine Bunkers	-	-	-	-	-	68,2	-	-	-	-	-	-	-	68,2
International Aviation Bunkers	-	-	-	4 407,5	-	-	-	-	-	-	-	-	-	4 407,5
Stock Changes	55,3	23,0	-330,0	43,0	-	-758,3	-	20,1	-	11,4	30,4	-	-96,9	-1 002,0
<b>DOMESTIC SUPPLY</b>	<b>1 027,7</b>	<b>966,0</b>	<b>23 707,2</b>	<b>12,9</b>	-	<b>22 100,9</b>	<b>890,3</b>	<b>-233,1</b>	-	<b>752,4</b>	<b>4 050,8</b>	-	<b>-96,9</b>	<b>53 178,2</b>
Available	1 027,7	966,0	23 755,6	12,9	-	22 509,8	890,3	120,6	-	752,4	4 050,8	-	5,7	54 091,8
Transfers	-	-	48,4	-	-	409,0	-	353,7	-	-	-	-	102,6	913,6
Statistical Differences	20,4	0,0	0,9	0,0	0,0	0,4	0,2	-0,4	-	0,0	0,0	-	0,0	21,5
<b>Transformation Sector - Input</b>	<b>1 007,3</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>1 007,3</b>
Petroleum Refineries	1 007,3	-	-	-	-	-	-	-	-	-	-	-	-	1 007,3
<b>Transformation Sector - Production</b>	-	-	<b>48,4</b>	-	-	<b>409,0</b>	-	<b>353,7</b>	-	-	-	-	<b>102,6</b>	<b>913,6</b>
Petroleum Refineries	-	-	48,4	-	-	409,0	-	353,7	-	-	-	-	102,6	913,6
<b>FINAL CONSUMPTION</b>	-	<b>966,0</b>	<b>23 754,7</b>	<b>12,9</b>	-	<b>22 509,4</b>	<b>890,2</b>	<b>121,0</b>	-	<b>752,4</b>	<b>4 050,8</b>	-	<b>5,7</b>	<b>53 063,1</b>
<b>Industry</b>	-	<b>3,7</b>	-	-	-	-	<b>44,1</b>	<b>101,7</b>	-	-	-	-	-	<b>149,5</b>
Iron and steel	-	0,0	-	-	-	-	8,5	-	-	-	-	-	-	8,5
Chemical (including petrochemical)	-	0,0	-	-	-	-	-	-	-	-	-	-	-	0,0
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	0,0	-	-	-	-	-	12,1	-	-	-	-	-	12,1
Transport equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## OIL AND OIL PRODUCTS

	Crude Oil	Liquefied Petroleum Gases	Motor Gasoline	Kerosene type Jet Fuel	Kerosene	Road diesel	Heating and other gas oil	Fuel oil-low sulph. (< 1%)	Fuel oil-high sulph. (≥1%)	Lubricants	Bitumen	Paraffin Waxes	Non-specified Petroleum Prods.	Total
Mining and quarrying <sup>3</sup>	-	0,0	-	-	-	-	-	-	-	-	-	-	-	0,0
Food, beverages and tobacco	-	0,5	-	-	-	-	0,9	1,2	-	-	-	-	-	2,5
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	-	1,4	-	-	-	-	34,1	88,4	-	-	-	-	-	123,9
Textiles and leather	-	-	-	-	-	-	0,1	-	-	-	-	-	-	0,1
Not elsewhere specified (Industry)	-	1,8	-	-	-	-	0,6	-	-	-	-	-	-	2,4
<b>Transport</b>	<b>-</b>	<b>165,6</b>	<b>23 706,3</b>	<b>12,9</b>	<b>-</b>	<b>22 098,8</b>	<b>747,6</b>	<b>19,3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>46 750,5</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	12,9	-	-	-	-	-	-	-	-	-	12,9
Road	-	165,6	23 706,3	-	-	22 098,8	-	-	-	-	-	-	-	45 970,7
Rail	-	-	-	-	-	-	438,8	19,3	-	-	-	-	-	458,1
Pipeline transport	-	-	-	-	-	-	285,4	-	-	-	-	-	-	285,4
Domestic navigation	-	-	-	-	-	-	23,4	-	-	-	-	-	-	23,4
<b>Other</b>	<b>-</b>	<b>796,7</b>	<b>48,4</b>	<b>-</b>	<b>-</b>	<b>410,7</b>	<b>98,4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1 354,2</b>
Commercial and public services	-	2,3	-	-	-	-	59,6	-	-	-	-	-	-	61,9
Residential	-	790,7	-	-	-	-	-	-	-	-	-	-	-	790,7
Agriculture/forestry/fishing	-	3,7	48,4	-	-	410,7	38,8	-	-	-	-	-	-	501,5
<b>Non-energy use</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>752,4</b>	<b>4 050,8</b>	<b>-</b>	<b>5,7</b>	<b>4 808,9</b>
<b>Energy sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,8</b>
<b>Transport sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>646,8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>646,8</b>
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>3</sup> Including non-ferrous metals

## OIL AND OIL PRODUCTS

	Crude Oil	Liquefied Petroleum Gases	Motor Gasoline	Kerosene type Jet Fuel	Kerosene	Road diesel	Heating and other gas oil	Fuel oil-low sulph. (< 1%)	Fuel oil-high sulph. (≥1%)	Lubricants	Bitumen	Paraffin Waxes	Non-specified Petroleum Prods.	Total
Road	-	-	-	-	-	-	-	-	-	642,2	-	-	-	642,2
Rail	-	-	-	-	-	-	-	-	-	4,6	-	-	-	4,6
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Industry sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,6</b>	<b>4 050,8</b>	<b>-</b>	<b>5,7</b>	<b>4 067,1</b>
Iron and steel	-	-	-	-	-	-	-	-	-	7,6	-	-	-	7,6
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	0,0	-	-	5,7	5,7
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	281,2	-	-	281,2
Machinery	-	-	-	-	-	-	-	-	-	0,0	-	-	-	-
Mining and quarrying <sup>4</sup>	-	-	-	-	-	-	-	-	-	0,0	98,8	-	-	98,8
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
Construction	-	-	-	-	-	-	-	-	-	1,9	3 670,8	-	-	3 672,7
Textiles and leather	-	-	-	-	-	-	-	-	-	0,0	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	1,1	-	-	-	1,1
<b>Other sectors</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>34,2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>34,2</b>
Agriculture/forestry/fishing	-	-	-	-	-	-	-	-	-	34,2	-	-	-	34,2
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>4</sup> Including non-ferrous metals

## OIL AND OIL PRODUCTS

### SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS, 2018

(Thousand tonnes of oil equivalent)

	Crude Oil	Liquefied Petroleum Gases	Motor Gasoline	Kerosene type Jet Fuel	Kerose ne	Road diesel	Heating and other gas oil	Fuel oil-low sulph. (< 1%)	Fuel oil-high sulph. (>=1%)	Lubricants	Bitumen	Paraffin Waxes	Non-specified Petroleum Prods.	Total
Production	30,7	-	-	-	-	-	-	-	-	-	-	-	-	30,7
Imports	2,0	22,5	575,5	104,6	-	551,5	21,3	85,0	-	20,5	96,0	-	1,5	1 480,3
Exports	9,4	-	1,4	-	-	3,9	-	91,0	-	2,8	-	-	1,5	110,0
International Marine Bunkers	-	-	-	-	-	1,6	-	-	-	-	-	-	-	1,6
International Aviation Bunkers	-	-	-	105,3	-	-	-	-	-	-	-	-	-	105,3
Stock Changes	1,3	0,5	-7,9	1,0	-	-18,1	-	0,5	-	0,3	0,7	-	-2,3	-23,9
<b>DOMESTIC SUPPLY</b>	<b>24,5</b>	<b>23,1</b>	<b>566,2</b>	<b>0,3</b>	<b>-</b>	<b>527,9</b>	<b>21,3</b>	<b>-5,6</b>	<b>-</b>	<b>18,0</b>	<b>96,8</b>	<b>-</b>	<b>-2,3</b>	<b>1 270,1</b>
Available	24,5	23,1	567,4	0,3	-	537,6	21,3	2,9	-	18,0	96,8	-	0,1	1 292,0
Transfers	-	-	1,2	-	-	9,8	-	8,4	-	-	-	-	2,5	21,8
Statistical Differences	0,5	0,0	0,0	0,0	0,0	0,0	0,0	0,0	-	0,0	0,0	-	0,0	0,5
<b>Transformation Sector - Input</b>	<b>24,1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24,1</b>
Petroleum Refineries	24,1	-	-	-	-	-	-	-	-	-	-	-	-	24,1
<b>Transformation Sector - Production</b>	-	-	<b>1,2</b>	-	-	<b>9,8</b>	-	<b>8,4</b>	-	-	-	-	<b>2,5</b>	<b>21,8</b>
Petroleum Refineries	-	-	1,2	-	-	9,8	-	8,4	-	-	-	-	2,5	21,8
<b>FINAL CONSUMPTION</b>	-	<b>23,1</b>	<b>567,4</b>	<b>0,3</b>	-	<b>537,6</b>	<b>21,3</b>	<b>2,9</b>	-	<b>18,0</b>	<b>96,8</b>	-	<b>0,1</b>	<b>1 267,4</b>
<b>Industry</b>	-	<b>0,1</b>	-	-	-	-	<b>1,1</b>	<b>2,4</b>	-	-	-	-	-	<b>3,6</b>
Iron and steel	-	0,0	-	-	-	-	0,2	-	-	-	-	-	-	0,2
Chemical (including petrochemical)	-	0,0	-	-	-	-	-	-	-	-	-	-	-	0,0
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	0,0	-	-	-	-	-	-	0,3	-	-	-	-	0,3

## OIL AND OIL PRODUCTS

	Crude Oil	Liquefied Petroleum Gases	Motor Gasoline	Kerosene type Jet Fuel	Kerosene	Road diesel	Heating and other gas oil	Fuel oil-low sulph. (< 1%)	Fuel oil-high sulph. (>=1%)	Lubricants	Bitumen	Paraffin Waxes	Non-specified Petroleum Prods.	Total
Transport equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying <sup>5</sup>	-	0,0	-	-	-	-	-	-	-	-	-	-	-	0,0
Food, beverages and tobacco	-	0,0	-	-	-	-	0,0	0,0	-	-	-	-	-	0,1
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	-	0,0	-	-	-	-	0,8	2,1	-	-	-	-	-	3,0
Textiles and leather	-	-	-	-	-	-	0,0	-	-	-	-	-	-	0,0
Not elsewhere specified (Industry)	-	0,0	-	-	-	-	0,0	-	-	-	-	-	-	0,1
<b>Transport</b>	<b>-</b>	<b>4,0</b>	<b>566,2</b>	<b>0,3</b>	<b>-</b>	<b>527,8</b>	<b>17,9</b>	<b>0,5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1 116,6</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	0,3	-	-	-	-	-	-	-	-	-	0,3
Road	-	4,0	566,2	-	-	527,8	-	-	-	-	-	-	-	1 098,0
Rail	-	-	-	-	-	-	10,5	0,5	-	-	-	-	-	10,9
Pipeline transport	-	-	-	-	-	-	6,8	-	-	-	-	-	-	6,8
Domestic navigation	-	-	-	-	-	-	0,6	-	-	-	-	-	-	0,6
<b>Other</b>	<b>-</b>	<b>19,0</b>	<b>1,2</b>	<b>-</b>	<b>-</b>	<b>9,8</b>	<b>2,4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,3</b>
Commercial and public services	-	0,1	-	-	-	-	1,4	-	-	-	-	-	-	1,5
Residential	-	18,9	-	-	-	-	-	-	-	-	-	-	-	18,9
Agriculture/forestry/fishing	-	0,1	1,2	-	-	9,8	0,9	-	-	-	-	-	-	12,0
<b>Non-energy use</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18,0</b>	<b>96,8</b>	<b>-</b>	<b>0,1</b>	<b>114,9</b>
<b>Energy sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,5</b>
<b>Transport sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,4</b>

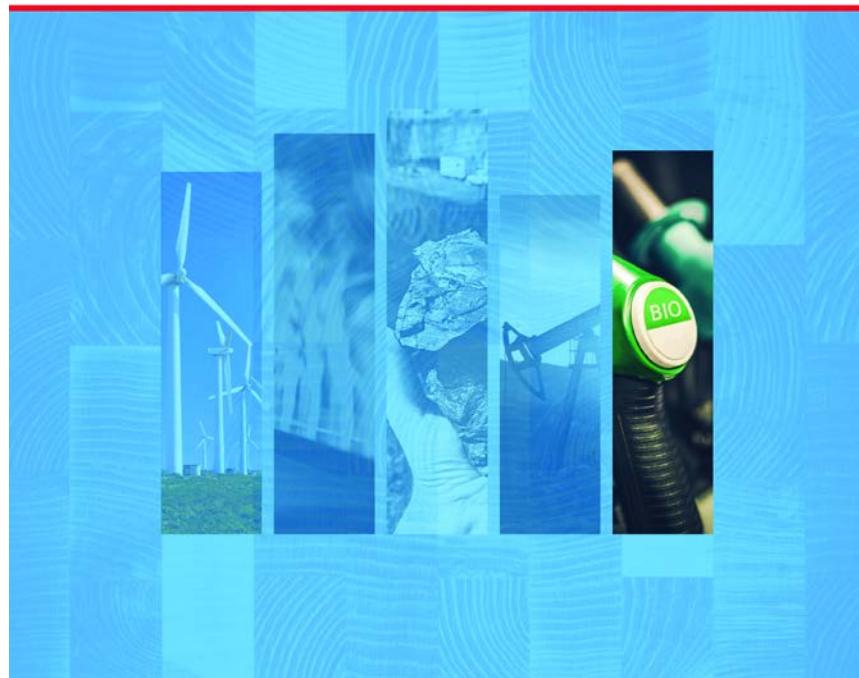
<sup>5</sup> Including non-ferrous metals

## OIL AND OIL PRODUCTS

	Crude Oil	Liquefied Petroleum Gases	Motor Gasoline	Kerosene type Jet Fuel	Kerosene	Road diesel	Heating and other gas oil	Fuel oil-low sulph. (< 1%)	Fuel oil-high sulph. (>=1%)	Lubricants	Bitumen	Paraffin Waxes	Non-specified Petroleum Prods.	Total
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	15,3	-	-	-	15,3
Rail	-	-	-	-	-	-	-	-	-	0,1	-	-	-	0,1
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Industry sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0,3</b>	<b>96,8</b>	<b>-</b>	<b>0,1</b>	<b>97,1</b>
Iron and steel	-	-	-	-	-	-	-	-	-	0,2	-	-	-	0,2
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	0,0	-	-	0,1	0,1
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	6,7	-	-	6,7
Machinery	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
Mining and quarrying <sup>6</sup>	-	-	-	-	-	-	-	-	-	0,0	2,4	-	-	2,4
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
Construction	-	-	-	-	-	-	-	-	-	0,1	87,7	-	-	87,7
Textiles and leather	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
<b>Other sectors</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0,8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0,8</b>
Agriculture/forestry/fishing	-	-	-	-	-	-	-	-	-	0,8	-	-	-	0,8
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>6</sup> Including non-ferrous metals

## BIOFUEL AND WASTE



**SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE IN PHYSICAL UNITS, 2018**

	Fuel wood (1000 m <sup>3</sup> )	Pellets, briquettes, other solid fuels (1000 t)	Other vegetal materials and residual (1000 t)	Charcoal (1000 t)
Production	1 440,1	-	20,8	0,2
Imports	-	-	-	-
Exports	8,8	-	-	-
Stock Changes	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>1 431,3</b>	-	<b>20,8</b>	<b>0,2</b>
Transfers	-	-	-	-
Statistical Differences	0,0	-	0,0	0,0
<b>FINAL CONSUMPTION</b>	<b>1 431,3</b>	-	<b>20,8</b>	<b>0,2</b>
<b>Industry</b>	<b>9,0</b>	-	-	-
Non-metallic minerals	0,0	-	-	-
Food, beverages and tobacco	8,8	-	-	-
Wood and wood products	0,3	-	-	-
Construction	0,0	-	-	-
<b>Other</b>	<b>1 422,2</b>	-	<b>20,8</b>	<b>0,2</b>
Commercial and public services	16,9	-	1,3	1,9
Residential	1 405,2	-	19,5	0,0
Agriculture/forestry/fishing	0,0	-	-	-

**SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE, 2018**  
(TJ)

	Fuel wood	Pellets, briquettes, other solid fuels	Other vegetal materials and residual	Charcoal	Total
Production	11 232,8	-	166,6	5,9	11 405,3
Imports	-	-	-	-	-
Exports	68,6	-	-	-	68,6
Stock Changes	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>11 164,1</b>	-	<b>166,6</b>	<b>5,9</b>	<b>11 336,6</b>
Available	11 164,1	-	166,6	5,9	11 336,6
Transfers	-	-	-	-	-
Statistical Differences	0,3	-	0,2	0,0	0,5
<b>FINAL CONSUMPTION</b>	<b>11 163,8</b>	-	<b>166,4</b>	<b>5,9</b>	<b>11 336,1</b>
<b>Industry</b>	<b>70,9</b>	-		-	<b>70,9</b>
Non-metallic minerals	0,2	-	-	-	0,2
Food, beverages and tobacco	68,6	-		-	68,6
Wood and wood products	2,0	-	-	-	2,0
Construction	0,1	-	-	-	0,1
<b>Other</b>	<b>11 092,9</b>	-	<b>166,4</b>	<b>5,9</b>	<b>11 265,2</b>
Commercial and public services	131,8	-	10,4	5,8	148,0
Residential	10 960,6	-	156,0	0,1	11 116,7
Agriculture/forestry/fishing	0,5	-	-	-	0,5

**SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE, 2018**

(Thousand tonnes of oil equivalent)

	Fuel wood	Pellets, briquettes, other solid fuels	Other vegetal materials and residual	Charcoal	Total
Production	268,3	-	4,0	0,1	272,4
Imports	-	-	-	-	-
Exports	1,6	-	-	-	1,6
Stock Changes	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>266,7</b>	-	<b>4,0</b>	<b>0,1</b>	<b>270,8</b>
Available	266,7	-	4,0	0,1	270,8
Transfers	-	-	-	-	-
Statistical Differences	0,0	-	0,0	0,0	0,0
<b>FINAL CONSUMPTION</b>	<b>266,7</b>	-	<b>4,0</b>	<b>0,1</b>	<b>270,8</b>
<b>Industry</b>	<b>1,7</b>	-	-	-	<b>1,7</b>
Non-metallic minerals	0,0	-	-	-	0,0
Food, beverages and tobacco	1,6	-	-	-	1,6
Wood and wood products	0,0	-	-	-	0,0
Construction	0,0	-	-	-	0,0
<b>Other</b>	<b>264,9</b>	-	<b>4,0</b>	<b>0,1</b>	<b>269,1</b>
Commercial and public services	3,1	-	0,2	0,1	3,5
Residential	261,8	-	3,7	0,0	265,5
Agriculture/forestry/fishing	0,0	-	-	-	0,0

Some indicators of energy balance for 2013 – 2017 were adjusted in 2018, namely:

**Supply and consumption of natural gas, 2013-2017**

Mil.m<sup>3</sup>

	2013	2014	2015	2016	2017
Import	2002,5	2282,4	2598,5	2350,9	2432,0
<b>Domestic supply</b>	<b>2007,9</b>	<b>2292,6</b>	<b>2509,8</b>	<b>2439,5</b>	<b>2440,5</b>
<b>Final consumption</b>	<b>1406,9</b>	<b>1627,5</b>	<b>1730,0</b>	<b>1823,0</b>	<b>1824,0</b>
Transport	351,1	448,9	461,7	346,6	347,6

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	2013	2014	2015	2016	2017
Import	67484,3	79884,0	90947,5	82281,5	85120,0
<b>Domestic supply</b>	<b>67666,2</b>	<b>80241,0</b>	<b>87843,0</b>	<b>85382,5</b>	<b>85417,5</b>
<b>Final consumption</b>	<b>47412,5</b>	<b>56962,5</b>	<b>60550,0</b>	<b>63805,0</b>	<b>63840,0</b>
Transport	11832,1	15711,5	16159,5	12131,0	12166,0

Thousand tonnes of oil equivalent

	2013	2014	2015	2016	2017
Import	1611,8	1908,0	2172,2	1965,3	2033,1
<b>Domestic supply</b>	<b>1616,2</b>	<b>1916,5</b>	<b>2098,1</b>	<b>2039,3</b>	<b>2040,2</b>
<b>Final consumption</b>	<b>1132,4</b>	<b>1360,5</b>	<b>1446,2</b>	<b>1420,9</b>	<b>1524,8</b>
Transport	282,6	375,3	386,0	289,7	290,6

