



National Statistics Office of Georgia

# ENERGY BALANCE OF GEORGIA

## 2018

STATISTICAL PUBLICATION





**NATIONAL STATISTICS OFFICE OF GEORGIA**

# **ENERGY BALANCE OF GEORGIA**

Statistical Publication

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Statistical Publication

ENERGY BALANCE OF GEORGIA, 2017

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### 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 2017 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.

2017 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 2018. 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, Georgia undertakes commitment to implement 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. Unlike to previous year the survey of non-financial corporations included service sector as well. In addition, for formation of data on financial corporations, non-profit institutions serving households and public administration, 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>	3 729.6 thousand persons (01.01.2018)
<b>Density</b>	65.0/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, 2017

Indicators	2017
GDP at current prices, mil. GEL	37846.6
GDP at constant 2010 prices, mil. GEL	28380.9
DGP real growth, %	4.8
GDP per capita (at current prices), USD	4046.8
Unemployment rate, percentage	13.9
CPI (Inflation), Annual Average to the Annual Average	106.0
Foreign Direct Investments, Mil. USD	1894.5
External Trade (FOB), Mil. USD	2735.5
Import (CIF), Mil. USD	7939.2

<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, 2017

	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	Khelvachaurihesi 1	47.5
22	Shuakhevihesi	178.7
23	Other Hydro Power Plants (Small Hydro power plants)	192.57
<b>Thermal Electricity Plants</b>		
24	Mtkvari energy	300.0
25	Tbilsresi	270.0
26	Gpower	110.0
27	Gardabani TP	231.2
28	Tkibuli TP	13.2
<b>Wind Power Plant</b>		
29	Kartli Wind Power Plant	20.7

Source: Electricity Market Operator (ESCO)

## 1.4 Small Hydro Power Plants operating in Georgia, 2017

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

Source: Electricity Market Operator (ESCO)

## AGGREGATED ENERGY BALANCE OF GEORGIA, 2017

(TJ)

	Coal	Crude Oil	Oil products	Natural Gas	Nucle ar	Hydro	Geother mal, solar, wind, etc.	Biofuel & Waste	Electricity	Heat	Total
Production	4 557,7	1 359,6	-	297,5	-	33 157,4	1 184,6	15 280,3	-	-	55 837,1
Imports	8 072,7	2 531,3	61 411,7	81 739,0	-	-	-	-	6 304,3	-	160 059,0
Exports	412,6	314,5	9 967,3	-	-	-	-	66,3	3 382,9	-	14 143,6
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-
International Aviation Bunkers	-	-	4 087,2	-	-	-	-	-	-	-	4 087,2
Stock Changes	0,3	199,8	458,8	-	-	-	-	-	-	-	658,9
<b>DOMESTIC SUPPLY</b>	<b>12 218,1</b>	<b>3 776,1</b>	<b>47 816,1</b>	<b>82 036,5</b>	-	<b>33 157,4</b>	<b>1 184,6</b>	<b>15 214,0</b>	<b>2 921,4</b>	-	<b>198 324,3</b>
Available	12 218,1	3 776,1	48 818,9	82 036,5	-	33 157,4	1 184,6	15 214,0	44 433,7	-	-
Transfers	-	-2 713,6	6 494,6	-	-	-	-	-	-	-	3 780,9
Statistical Differences	0,3	0,0	0,4	0,0	-	0,0	0,0	0,2	0,0	-	0,8
<b>Transformation Sector - Input</b>	<b>634,1</b>	<b>1 062,5</b>	-	<b>18 235,0</b>	-	<b>33 157,4</b>	<b>316,1</b>	-	-	-	<b>53 405,1</b>
MA Thermal Electricity Plants	634,1	-	-	18 235,0		-	-	-	-	-	18 869,1
MA Hydro Electricity Plants	-	-	-	-	-	33 157,4	-	-	-	-	33 157,4
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	1 062,5	-	-	-	-	-	-	-	-	1 062,5
Wind Plants	-	-	-	-	-	-	316,1	-	-	-	316,1
<b>Transformation Sector - Production</b>	-	-	<b>1 002,8</b>	-	-	-	-	-	<b>41 512,3</b>	-	<b>42 515,1</b>
MA Thermal Electricity Plants	-	-	-	-	-	-	-	-	8 038,8	-	8 038,8
MA Hydro Electricity Plants	-	-	-	-	-	-	-	-	33 157,4	-	33 157,4
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	<b>1 002,8</b>	-	-	-	-	-	-	1 002,8
Wind Plants	-	-	-	-	-	-	-	-	316,1	-	316,1

ENERGY BALANCE OF GEORGIA, 2017

	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>15,3</b>	-	-	-	-	-	-	-	<b>830,2</b>	-	<b>845,5</b>
Coal Mines	15,3	-	-	-	-	-	-	-	54,7	-	70,0
Oil and Gas Extraction	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Own Use in Thermal Electricity Plants	-	-	-	-	-	-	-	-	366,5	-	366,5
Own Use in Hydro Electricity Plants	-	-	-	-	-	-	-	-	409,0	-	409,0
Used for Pumped Storage	-	-	-	-	-	-	-	-	-	-	-
Non-specified (Energy)	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution Losses</b>	-	-	-	<b>3 342,5</b>	-	-	<b>82,7</b>	-	<b>3 253,0</b>	-	<b>6 678,2</b>
<b>FINAL CONSUMPTION</b>	<b>11 568,7</b>	-	<b>54 310,6</b>	<b>60 459,0</b>	-	-	<b>785,8</b>	<b>15 214,0</b>	<b>40 350,6</b>	-	<b>182 688,8</b>
<b>Industry</b>	<b>11 511,9</b>	-	<b>156,4</b>	<b>4 851,0</b>	-	-	-	<b>46,3</b>	<b>11 860,2</b>	-	<b>28 425,8</b>
Iron and steel	4 135,3	-	8,1	570,5	-	-	-	-	6 625,4	-	11 339,3
Chemical (including petrochemical)	-	-	-	199,5	-	-	-	-	1 021,0	-	1 220,5
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	7 209,6	-	69,5	1 361,5	-	-	-	0,8	1 060,2	-	9 701,6
Transport equipment	-	-	-	3,5	-	-	-	-	7,6	-	11,1
Machinery	-	-	-	3,5	-	-	-	-	20,9	-	24,4
Mining and quarrying <sup>1</sup>	-	-	-	31,5	-	-	-	-	452,9	-	484,4
Food, beverages and tobacco	167,1	-	20,1	1 725,5	-	-	-	43,9	893,2	-	2 849,7
Paper, pulp and printing	-	-	-	63,0	-	-	-	-	60,8	-	123,8
Wood and wood products	-	-	-	24,5	-	-	-	0,8	28,4	-	53,7
Construction	-	-	-	51,1	742,0	-	-	0,8	523,8	-	1 317,7

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

ENERGY BALANCE OF GEORGIA, 2017

	Coal	Crude Oil	Oil products	Natural Gas	Nucle ar	Hydro	Geother mal, solar, wind, etc.	Biofuel & Waste	Electricity	Heat	Total
Textiles and leather	-	-	-	49,0	-	-	-	-	62,6	-	111,6
Not elsewhere specified (Industry)	-	-	7,6	77,0	-	-	-	-	1 103,4	-	1 188,0
<b>Transport</b>	<b>-</b>	<b>-</b>	<b>47 772,7</b>	<b>8 785,0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1 211,4</b>	<b>-</b>	<b>57 769,1</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	25,8	-	-	-	-	-	-	-	25,8
Road	-	-	47 208,7	8 785,0	-	-	-	-	-	-	55 993,7
Rail	-	-	457,3	-	-	-	-	-	1 211,4	-	1 668,7
Domestic navigation	-	-	80,9	-	-	-	-	-	-	-	80,9
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
<b>Other</b>	<b>56,6</b>	<b>-</b>	<b>1 616,3</b>	<b>38 230,5</b>	<b>-</b>	<b>-</b>	<b>785,8</b>	<b>15 167,6</b>	<b>27 279,0</b>	<b>-</b>	<b>83 135,7</b>
Commercial and public services	23,2	-	409,1	6 853,0	-	-	483,3	159,4	10 986,8	-	18 914,8
Residential	22,9	-	630,2	30 940,0	-	-	264,7	15 007,1	8 859,2	-	55 724,1
Agriculture/forestry/fishing	10,5	-	576,9	437,5	-	-	37,8	1,1	226,4	-	1 290,3
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	7 206,5	-	7 206,5
<b>Non-energy use</b>	<b>-</b>	<b>-</b>	<b>4 764,8</b>	<b>8 592,5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13 357,3</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>64,6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>64,6</b>
<b>Transport sector</b>	<b>-</b>	<b>-</b>	<b>543,0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>543,0</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	539,2	-	-	-	-	-	-	-	539,2
Rail	-	-	3,8	-	-	-	-	-	-	-	3,8
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-

ENERGY BALANCE OF GEORGIA, 2017

	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>	-	-	4 096,4	8 592,5	-	-	-	-	-	-	12 688,9
Iron and steel	-	-	7,6		-	-	-	-	-	-	7,6
Chemical (including petrochemical)	-	-	76,0	8 592,5	-	-	-	-	-	-	8 668,5
Non-ferrous metals	-	-		-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	269,8	-	-	-	-	-	-	-	269,8
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying <sup>2</sup>	-	-	79,8	-	-	-	-	-	-	-	79,8
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	3 663,2	-	-	-	-	-	-	-	3 663,2
Textiles and leather	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-
<b>Other sectors</b>	-	-	60,8	-	-	-	-	-	-	-	60,8
Commercial and public services	-	-	-	-	-	-	-	-	-	-	-
Residential	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	-	60,8	-	-	-	-	-	-	-	60,8
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-

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

## AGGREGATED ENERGY BALANCE OF GEORGIA, 2017

(Thousand tonnes of oil equivalent)

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar, wind etc.	Biofuel & Waste	Electricity	Heat	Total
Production	108,9	32,5	-	7,1	-	792,0	28,3	365,0	-	-	1 333,6
Imports	192,8	60,5	1 466,8	1 952,3	-	-	-	-	150,6	-	3 822,9
Exports	9,9	7,5	238,1	-	-	-	-	1,6	80,8	-	337,8
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-
International Aviation Bunkers	-	-	97,6	-	-	-	-	-	-	-	97,6
Stock Changes	0,0	4,8	11,0	-	-	-	-	-	-	-	15,7
<b>DOMESTIC SUPPLY</b>	<b>291,8</b>	<b>90,2</b>	<b>1 142,1</b>	<b>1 959,4</b>	-	<b>792,0</b>	<b>28,3</b>	<b>363,4</b>	<b>69,8</b>	-	<b>4 736,9</b>
Available	291,8	90,2	1 166,0	1 959,4	-	792,0	28,3	363,4	1 061,3	-	-
Transfers	-	-64,8	155,1	-	-	-	-	-	-	-	90,3
Statistical Differences	0,0	0,0	0,0	0,0	-	0,0	0,0	0,0	0,0	-	0,0
<b>Transformation Sector - Input</b>	<b>15,1</b>	<b>25,4</b>	-	<b>435,5</b>	-	<b>792,0</b>	<b>7,5</b>	-	-	-	<b>1 275,6</b>
MA Thermal Electricity Plants	15,1	-	-	435,5	-	-	-	-	-	-	450,7
MA Hydro Electricity Plants	-	-	-	-	-	792,0	-	-	-	-	792,0
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	25,4	-	-	-	-	-	-	-	-	25,4
Wind Plants	-	-	-	-	-	-	7,5	-	-	-	7,5
<b>Transformation Sector – Production</b>	-	-	<b>24,0</b>	-	-	-	-	-	<b>991,5</b>	-	<b>1 015,5</b>
MA Thermal Electricity Plants	-	-	-	-	-	-	-	-	192,0	-	192,0
MA Hydro Electricity Plants	-	-	-	-	-	-	-	-	792,0	-	792,0
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	24,0	-	-	-	-	-	-	-	24,0
Wind Plants	-	-	-	-	-	-	-	-	7,5	-	7,5

ENERGY BALANCE OF GEORGIA, 2017

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar, wind etc.	Biofuel & Waste	Electricity	Heat	Total
<b>Energy Sector</b>	<b>0,4</b>	-	-	-	-	-	-	-	<b>19,8</b>	-	<b>20,2</b>
Coal Mines	0,4	-	-	-	-	-	-	-	1,3	-	1,7
Oil and Gas Extraction	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Own Use in Thermal Electricity Plants	-	-	-	-	-	-	-	-	8,8	-	8,8
Own Use in Hydro Electricity Plants	-	-	-	-	-	-	-	-	9,8	-	9,8
Used for Pumped Storage	-	-	-	-	-	-	-	-	-	-	-
Non-specified (Energy)	-	-	-	-	-	-	-	-	-	-	-
<b>Distribution Losses</b>	-	-	-	<b>79,8</b>	-	-	<b>2,0</b>	-	<b>77,7</b>	-	<b>159,5</b>
<b>FINAL CONSUMPTION</b>	<b>276,3</b>	-	<b>1 297,2</b>	<b>1 444,0</b>	-	-	<b>18,8</b>	<b>363,4</b>	<b>963,8</b>	-	<b>4 363,4</b>
<b>Industry</b>	<b>275,0</b>	-	<b>3,7</b>	<b>115,9</b>	-	-	-	<b>1,1</b>	<b>283,3</b>	-	<b>678,9</b>
Iron and steel	98,8	-	0,2	13,6	-	-	-	-	158,2	-	270,8
Chemical (including petrochemical)	-	-	-	4,8	-	-	-	-	24,4	-	29,2
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	172,2	-	1,7	32,5	-	-	-	0,0	25,3	-	231,7
Transport equipment	-	-	-	0,1	-	-	-	-	0,2	-	0,3
Machinery	-	-	-	0,1	-	-	-	-	0,5	-	0,6
Mining and quarrying <sup>3</sup>	-	-	-	0,8	-	-	-	-	10,8	-	11,6
Food, beverages and tobacco	4,0	-	0,5	41,2	-	-	-	1,0	21,3	-	68,1
Paper, pulp and printing	-	-	-	1,5	-	-	-	-	1,5	-	3,0
Wood and wood products	-	-	-	0,6	-	-	-	0,0	0,7	-	1,3
Construction	-	-	1,2	17,7	-	-	-	0,0	12,5	-	31,5
Textiles and leather	-	-	-	1,2	-	-	-	-	1,5	-	2,7

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

## ENERGY BALANCE OF GEORGIA, 2017

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar, wind etc.	Biofuel & Waste	Electricity	Heat	Total
Not elsewhere specified (Industry)	-	-	0,2	1,8	-	-	-	-	26,4	-	28,4
<b>Transport</b>	-	-	<b>1 141,0</b>	<b>209,8</b>	-	-	-	-	<b>28,9</b>	-	<b>1 379,8</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	0,6	-	-	-	-	-	-	-	0,6
Road	-	-	1 127,6	209,8	-	-	-	-	-	-	1 337,4
Rail	-	-	10,9	-	-	-	-	-	28,9	-	39,9
Domestic navigation	-	-	1,9	-	-	-	-	-	-	-	1,9
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
<b>Other</b>	<b>1,4</b>	-	<b>38,6</b>	<b>913,1</b>	-	-	<b>18,8</b>	<b>362,3</b>	<b>651,5</b>	-	<b>1 985,7</b>
Commercial and public services	0,6	-	9,8	163,7	-	-	11,5	3,8	262,4	-	451,8
Residential	0,5	-	15,1	739,0	-	-	6,3	358,4	211,6	-	1 330,9
Agriculture/forestry/fishing	0,3	-	13,8	10,4	-	-	0,9	0,0	5,4	-	30,8
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	172,1	-	172,1
<b>Non-energy use</b>	-	-	<b>113,8</b>	<b>205,2</b>	-	-	-	-	-	-	<b>319,0</b>
<b>Transformation sector</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Energy sector</b>	-	-	<b>1,5</b>	-	-	-	-	-	-	-	<b>1,5</b>
<b>Transport sector</b>	-	-	<b>13,0</b>	-	-	-	-	-	-	-	<b>13,0</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	12,9	-	-	-	-	-	-	-	12,9
Rail	-	-	0,1	-	-	-	-	-	-	-	0,1
Domestic navigation	-	-	-	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-

## ENERGY BALANCE OF GEORGIA, 2017

	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>97,8</b>	<b>205,2</b>	-	-	-	-	-	-	<b>303,1</b>
Iron and steel	-	-	0,2	-	-	-	-	-	-	-	0,2
Chemical (including petrochemical)	-	-	1,8	205,2	-	-	-	-	-	-	207,0
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	6,4	-	-	-	-	-	-	-	6,4
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying <sup>4</sup>	-	-	1,9	-	-	-	-	-	-	-	1,9
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	87,5	-	-	-	-	-	-	-	87,5
Textiles and leather	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-
<b>Other sectors</b>	-	-	<b>1,5</b>	-	-	-	-	-	-	-	<b>1,5</b>
Commercial and public services	-	-	-	-	-	-	-	-	-	-	-
Residential	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	-	1,5	-	-	-	-	-	-	-	1,5
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-

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

# ELECTRICITY AND HEAT



## SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT, 2017

	Hydro (GWh)	Wind	Geothermal (TJ)	Solar (TJ)	Electricity (GWh)
Production	9 210,4	87,8	740,3	128,2	11 531,2
Imports	-	-	-	-	1 751,2
Exports	-	-	-	-	939,7
Stock Changes	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>9 210,4</b>	<b>87,8</b>	<b>740,3</b>	<b>128,2</b>	<b>12 342,7</b>
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>9 210,4</b>	<b>87,8</b>	-	-	-
MA Hydro Electricity Plants	9 210,4	-	-	-	-
Wind Plants	-	87,8	-	-	-
<b>Transformation Sector - Production</b>	-	-	-	-	<b>11 531,2</b>
MA Thermal Electricity Plants	-	-	-	-	2 233,0
MA Hydro Electricity Plants	-	-	-	-	9 210,4
Wind Plants	-	-	-	-	87,8
<b>Energy Sector</b>	-	-	-	-	<b>230,6</b>
Coal Mines	-	-	-	-	15,2
Own Use in Thermal Electricity Plants	-	-	-	-	101,8
Own Use in Hydro Electricity Plants	-	-	-	-	113,6
<b>Distribution Losses</b>	-	-	<b>82,7</b>	-	<b>903,6</b>
<b>FINAL CONSUMPTION</b>	-	-	<b>657,6</b>	<b>128,2</b>	<b>11 208,5</b>
<b>Industry</b>	-	-	-	-	<b>3 294,5</b>
Iron and steel	-	-	-	-	1 840,4
Chemical (including petrochemical)	-	-	-	-	283,6
Non-ferrous metals	-	-	-	-	...
Non-metallic minerals	-	-	-	-	294,5
Transport equipment	-	-	-	-	2,1
Machinery	-	-	-	-	5,8
Mining and quarrying <sup>1</sup>	-	-	-	-	125,8
Food, beverages and tobacco	-	-	-	-	248,1
Paper, pulp and printing	-	-	-	-	16,9
Wood and wood products	-	-	-	-	7,9
Construction	-	-	-	-	145,5
Textiles and leather	-	-	-	-	17,4
Not elsewhere specified (Industry)	-	-	-	-	306,5
<b>Transport</b>	-	-	-	-	<b>336,5</b>
Rail	-	-	-	-	336,5

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

## ELECTRICITY AND HEAT

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	Hydro (GWh)	Wind	Geothermal (TJ)	Solar (TJ)	Electricity (GWh)
<b>Other</b>	-	-	<b>657,6</b>	<b>128,2</b>	<b>7 577,5</b>
Commercial and public services	-	-	358,2	125,1	3 051,9
Residential	-	-	261,6	3,1	2 460,9
Agriculture/forestry/fishing	-	-	37,8	-	62,9
Not elsewhere specified (Other)	-	-	-	-	2 001,8

## SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT, 2017

(TJ)

	Hydro	Wind	Geothermal	Solar	Electricity	Total
Production	33 157,4	316,1	740,3	128,2	-	34 342,0
Imports	-	-	-	-	6 304,3	6 304,3
Exports	-	-	-	-	3 382,9	3 382,9
Stock Changes	-	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>33 157,4</b>	<b>316,1</b>	<b>740,3</b>	<b>128,2</b>	<b>2 921,4</b>	<b>37 263,4</b>
Available	33 157,4	316,1	740,3	128,2	44 433,7	-
Transfers	-	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>33 157,4</b>	<b>316,1</b>	-	-	-	<b>33 473,5</b>
MA Hydro Electricity Plants	33 157,4	-	-	-	-	33 157,4
Wind Plants	-	316,1	-	-	-	316,1
<b>Transformation Sector - Production</b>	-	-	-	-	<b>41 512,3</b>	<b>41 512,3</b>
MA Thermal Electricity Plants	-	-	-	-	8 038,8	8 038,8
MA Hydro Electricity Plants	-	-	-	-	33 157,4	33 157,4
Wind Plants	-	-	-	-	316,1	316,1
<b>Energy Sector</b>	-	-	-	-	<b>830,2</b>	<b>830,2</b>
Coal Mines	-	-	-	-	54,7	54,7
Own Use in Thermal Electricity Plants	-	-	-	-	366,5	366,5
Own Use in Hydro Electricity Plants	-	-	-	-	409,0	409,0
<b>Distribution Losses</b>	-	-	<b>82,7</b>	-	<b>3 253,0</b>	<b>3 335,7</b>
<b>FINAL CONSUMPTION</b>	-	-	<b>657,6</b>	<b>128,2</b>	<b>40 350,6</b>	<b>41 136,4</b>
<b>Industry</b>	-	-	-	-	<b>11 860,2</b>	<b>11 860,2</b>
Iron and steel	-	-	-	-	6 625,4	6 625,4
Chemical (including petrochemical)	-	-	-	-	1 021,0	1 021,0
Non-ferrous metals	-	-	-	-	...	...
Non-metallic minerals	-	-	-	-	1 060,2	1 060,2
Transport equipment	-	-	-	-	7,6	7,6
Machinery	-	-	-	-	20,9	20,9
Mining and quarrying <sup>2</sup>	-	-	-	-	452,9	452,9
Food, beverages and tobacco	-	-	-	-	893,2	893,2
Paper, pulp and printing	-	-	-	-	60,8	60,8
Wood and wood products	-	-	-	-	28,4	28,4
Construction	-	-	-	-	523,8	523,8

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

## ELECTRICITY AND HEAT

	Hydro	Wind	Geothermal	Solar	Electricity	Total
Textiles and leather	-	-	-	-	62,6	62,6
Not elsewhere specified (Industry)	-	-	-	-	1 103,4	1 103,4
<b>Transport</b>	-	-	-	-	<b>1 211,4</b>	<b>1 211,4</b>
Rail	-	-	-	-	1 211,4	1 211,4
<b>Other</b>	-	-	<b>657,6</b>	<b>128,2</b>	<b>27 279,0</b>	<b>28 064,8</b>
Commercial and public services	-	-	358,2	125,1	10 986,8	11 470,1
Residential	-	-	261,6	3,1	8 859,2	9 123,9
Agriculture/forestry/fishing	-	-	37,8	-	226,4	264,2
Not elsewhere specified (Other)	-	-	-	-	7 206,5	7 206,5

## ELECTRICITY AND HEAT

### SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT, 2017 (thousand tonnes of oil equivalent)

	Hydro	Wind	Geothermal	Solar	Electricity	Total
Production	792,0	7,5	17,7	3,1	-	820,2
Imports	-	-	-	-	150,6	150,6
Exports	-	-	-	-	80,8	80,8
Stock Changes	-	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>792,0</b>	<b>7,5</b>	<b>17,7</b>	<b>3,1</b>	<b>69,8</b>	<b>890,0</b>
Available	792,0	7,5	17,7	3,1	1 061,3	-
Transfers	-	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>792,0</b>	<b>7,5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>799,5</b>
MA Hydro Electricity Plants	792,0	-	-	-	-	792,0
Wind Plants	-	7,5	-	-	-	7,5
<b>Transformation Sector - Production</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>991,5</b>	<b>991,5</b>
MA Thermal Electricity Plants	-	-	-	-	192,0	192,0
MA Hydro Electricity Plants	-	-	-	-	792,0	792,0
Wind Plants	-	-	-	-	7,5	7,5
<b>Energy Sector</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19,8</b>	<b>19,8</b>
Coal Mines	-	-	-	-	1,3	1,3
Own Use in Thermal Electricity Plants	-	-	-	-	8,8	8,8
Own Use in Hydro Electricity Plants	-	-	-	-	9,8	9,8
<b>Distribution Losses</b>	<b>-</b>	<b>-</b>	<b>2,0</b>	<b>-</b>	<b>77,7</b>	<b>79,7</b>
<b>FINAL CONSUMPTION</b>	<b>-</b>	<b>-</b>	<b>15,7</b>	<b>3,1</b>	<b>963,8</b>	<b>982,5</b>
<b>Industry</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>283,3</b>	<b>283,3</b>
Iron and steel	-	-	-	-	158,2	158,2
Chemical (including petrochemical)	-	-	-	-	24,4	24,4
Non-ferrous metals	-	-	-	-	...	...
Non-metallic minerals	-	-	-	-	25,3	25,3
Transport equipment	-	-	-	-	0,2	0,2
Machinery	-	-	-	-	0,5	0,5
Mining and quarrying <sup>3</sup>	-	-	-	-	10,8	10,8
Food, beverages and tobacco	-	-	-	-	21,3	21,3
Paper, pulp and printing	-	-	-	-	1,5	1,5
Wood and wood products	-	-	-	-	0,7	0,7
Construction	-	-	-	-	12,5	12,5
Textiles and leather	-	-	-	-	1,5	1,5
Not elsewhere specified (Industry)	-	-	-	-	26,4	26,4

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

## ELECTRICITY AND HEAT

	Hydro	Wind	Geothermal	Solar	Electricity	Total
<b>Transport</b>	-	-	-	-	<b>28,9</b>	<b>28,9</b>
Rail	-	-	-	-	28,9	28,9
<b>Other</b>	-	-	<b>15,7</b>	<b>3,1</b>	<b>651,5</b>	<b>670,3</b>
Commercial and public services	-	-	8,6	3,0	262,4	274,0
Residential	-	-	6,2	0,1	211,6	217,9
Agriculture/forestry/fishing	-	-	0,9	-	5,4	6,3
Not elsewhere specified (Other)	-	-	-	-	172,1	172,1

# NATURAL GAS



## SUPPLY AND CONSUMPTION OF NATURAL GAS, 2017

	Natural Gas (mil. m <sup>3</sup> )
Production	8,5
Imports	2 335,4
Exports	-
Stock Changes	-
<b>DOMESTIC SUPPLY</b>	<b>2 343,9</b>
Transfers	-
Statistical Differences	0,0
<b>Transformation Sector - Input</b>	<b>521,0</b>
MA Thermal Electricity Plants	521,0
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
<b>Distribution Losses</b>	<b>95,5</b>
<b>FINAL CONSUMPTION</b>	<b>1 727,4</b>
<b>Industry</b>	<b>138,6</b>
Iron and steel	16,3
Chemical (including petrochemical)	5,7
Non-ferrous metals	...
Non-metallic minerals	38,9
Transport equipment	0,1
Machinery	0,1
Mining and quarrying <sup>1</sup>	0,9
Food, beverages and tobacco	49,3
Paper, pulp and printing	1,8
Wood and wood products	0,7
Construction	21,2
Textiles and leather	1,4
Not elsewhere specified (Industry)	2,2
<b>Transport</b>	<b>251,0</b>
Road	251,0
<b>Other</b>	<b>1 092,3</b>
Commercial and public services	195,8
Residential	884,0
Agriculture/forestry/fishing	12,5
other	-

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

## NATURAL GAS

	Natural Gas (mil. m <sup>3</sup> )
<b>Non-energy use</b>	<b>245,5</b>
<b>Industry sector</b>	<b>245,5</b>
Chemical (including petrochemical)	245,5

## SUPPLY AND CONSUMPTION OF NATURAL GAS, 2017

(TJ)

	Natural Gas
Production	297,5
Imports	81 739,0
Exports	-
Stock Changes	-
<b>DOMESTIC SUPPLY</b>	<b>82 036,5</b>
Available	82 036,5
Transfers	-
Statistical Differences	-
<b>Transformation Sector - Input</b>	<b>18 235,0</b>
MA Thermal Electricity Plants	18 235,0
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
<b>Distribution Losses</b>	<b>3 342,5</b>
<b>FINAL CONSUMPTION</b>	<b>60 459,0</b>
<b>Industry</b>	<b>4 851,0</b>
Iron and steel	570,5
Chemical (including petrochemical)	199,5
Non-ferrous metals	...
Non-metallic minerals	1 361,5
Transport equipment	3,5
Machinery	3,5
Mining and quarrying <sup>2</sup>	31,5
Food, beverages and tobacco	1 725,5
Paper, pulp and printing	63,0
Wood and wood products	24,5
Construction	742,0
Textiles and leather	49,0
Not elsewhere specified (Industry)	77,0
<b>Transport</b>	<b>8 785,0</b>
Road	8 785,0
<b>Other</b>	<b>38 230,5</b>
Commercial and public services	6 853,0
Residential	30 940,0

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

## NATURAL GAS

	Natural Gas
Agriculture/forestry/fishing	437,5
Not elsewhere specified (Other)	-
<b>Non-energy use</b>	<b>8 592,5</b>
<b>Industry sector</b>	<b>8 592,5</b>
Chemical (including petrochemical)	8 592,5

## SUPPLY AND CONSUMPTION OF NATURAL GAS, 2017

(Thousand tonnes of oil equivalent)

	Natural Gas
Production	7,1
Imports	1 952,3
Exports	-
Stock Changes	-
<b>DOMESTIC SUPPLY</b>	<b>1 959,4</b>
Available	1 959,4
Transfers	-
Statistical Differences	0,0
<b>Transformation Sector - Input</b>	<b>435,5</b>
MA Thermal Electricity Plants	435,5
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
<b>Distribution Losses</b>	<b>79,8</b>
<b>FINAL CONSUMPTION</b>	<b>1 444,0</b>
<b>Industry</b>	<b>115,9</b>
Iron and steel	13,6
Chemical (including petrochemical)	4,8
Non-ferrous metals	...
Non-metallic minerals	32,5
Transport equipment	0,1
Machinery	0,1
Mining and quarrying <sup>3</sup>	0,8
Food, beverages and tobacco	41,2
Paper, pulp and printing	1,5
Wood and wood products	0,6
Construction	17,7
Textiles and leather	1,2
Not elsewhere specified (Industry)	1,8
<b>Transport</b>	<b>209,8</b>
Road	209,8
<b>Other</b>	<b>913,1</b>
Commercial and public services	163,7
Residential	739,0
Agriculture/forestry/fishing	10,4

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

## NATURAL GAS

	Natural Gas
Not elsewhere specified (Other)	-
<b>Non-energy use</b>	<b>205,2</b>
<b>Industry sector</b>	<b>205,2</b>
Chemical (including petrochemical)	205,2

# COAL



## SUPPLY AND CONSUMPTION OF COAL, 2017

(Thousand tonnes)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke
Production	-	-	268,1	-
Imports	14,8	147,4	-	134,9
Exports	-	-	2,2	12,8
Stock Changes	-8,2	-9,8	-1,9	17,7
<b>DOMESTIC SUPPLY</b>	<b>6,6</b>	<b>137,6</b>	<b>264,0</b>	<b>139,8</b>
Transfers	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>-</b>	<b>-</b>	<b>37,3</b>	<b>-</b>
Coal TP	-	-	37,3	-
<b>Energy Sector</b>	<b>-</b>	<b>-</b>	<b>0,9</b>	<b>-</b>
Coal Mines	-	-	0,9	-
<b>FINAL CONSUMPTION</b>	<b>6,6</b>	<b>137,6</b>	<b>225,8</b>	<b>139,8</b>
<b>Industry</b>	<b>5,7</b>	<b>137,6</b>	<b>224,0</b>	<b>139,8</b>
Iron and steel	-	1,5	-	139,8
Non-metallic minerals	-	136,1	224,0	-
Mining and quarrying <sup>1</sup>	-	-	-	-
Food, beverages and tobacco	5,7	-	-	-
Wood and wood products	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-
<b>Other</b>	<b>0,9</b>	<b>-</b>	<b>1,8</b>	<b>-</b>
Commercial and public services	0,5	-	0,5	-
Residential	0,2	-	1,0	-
Agriculture/forestry/fishing	0,2	-	0,3	-

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

**SUPPLY AND CONSUMPTION OF COAL, 2017**  
 (TJ)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke	Total
Production	-	-	4 557,7	-	4 557,7
Imports	433,8	3 685,0	-	3 953,9	8 072,7
Exports	-	-	37,4	375,2	412,6
Stock Changes	-240,9	-245,3	-32,3	518,8	0,3
<b>DOMESTIC SUPPLY</b>	<b>192,9</b>	<b>3 439,8</b>	<b>4 488,0</b>	<b>4 097,5</b>	<b>12 218,1</b>
Available	192,9	3 439,8	4 488,0	4 097,5	12 218,1
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,3	0,0	0,0	0,3
<b>Transformation Sector - Input</b>	<b>-</b>	<b>-</b>	<b>634,1</b>	<b>-</b>	<b>634,1</b>
Coal TP	-	-	634,1		634,1
<b>Energy Sector</b>	<b>-</b>	<b>-</b>	<b>15,3</b>	<b>-</b>	<b>15,3</b>
Coal Mines	-	-	15,3	-	15,3
<b>FINAL CONSUMPTION</b>	<b>192,9</b>	<b>3 439,8</b>	<b>3 838,6</b>	<b>4 097,5</b>	<b>11 568,7</b>
<b>Industry</b>	<b>167,1</b>	<b>3 439,5</b>	<b>3 807,8</b>	<b>4 097,5</b>	<b>11 511,9</b>
Iron and steel	-	37,8	-	4 097,5	4 135,3
Non-metallic minerals	-	3 401,8	3 807,8	-	7 209,6
Mining and quarrying <sup>2</sup>	-	-	-	-	-
Food, beverages and tobacco	167,1	-	-	-	167,1
Wood and wood products	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-	-
<b>Other</b>	<b>25,8</b>	<b>-</b>	<b>30,8</b>	<b>-</b>	<b>56,6</b>
Commercial and public services	14,7	-	8,5	-	23,2
Residential	5,9	-	17,0	-	22,9
Agriculture/forestry/fishing	5,3	-	5,3	-	10,5

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

## SUPPLY AND CONSUMPTION OF COAL, 2017

(Thousand tonnes of oil equivalent)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke	Total
Production	-	-	108,9	-	108,9
Imports	10,4	88,0	-	94,4	192,8
Exports	-	-	0,9	9,0	9,9
Stock Changes	-5,8	-5,9	-0,8	12,4	0,0
<b>Domestic Supply</b>	<b>4,6</b>	<b>82,2</b>	<b>107,2</b>	<b>97,9</b>	<b>291,8</b>
Available	4,6	82,2	107,2	97,9	291,8
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
<b>Transformation Sector - Input</b>	<b>-</b>	<b>-</b>	<b>15,1</b>	<b>-</b>	<b>15,1</b>
Coal TP	-	-	15,1	-	15,1
<b>Energy Sector</b>	<b>-</b>	<b>-</b>	<b>0,4</b>	<b>-</b>	<b>0,4</b>
Coal Mines	-	-	0,4	-	0,4
<b>FINAL CONSUMPTION</b>	<b>4,6</b>	<b>82,2</b>	<b>91,7</b>	<b>97,9</b>	<b>276,3</b>
<b>Industry</b>	<b>4,0</b>	<b>82,2</b>	<b>90,9</b>	<b>97,9</b>	<b>275,0</b>
Iron and steel	-	0,9	-	97,9	98,8
Non-metallic minerals	-	81,2	90,9	-	172,2
Mining and quarrying <sup>3</sup>	-	-	-	-	-
Food, beverages and tobacco	4,0	-	-	-	4,0
Wood and wood products	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-	-
<b>Other</b>	<b>0,6</b>	<b>-</b>	<b>0,7</b>	<b>-</b>	<b>1,4</b>
Commercial and public services	0,4	-	0,2	-	0,6
Residential	0,1	-	0,4	-	0,5
Agriculture/forestry/fishing	0,1	-	0,1	-	0,3

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

# OIL AND OIL PRODUCTS



## OIL AND OIL PRODUCTS

### SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS, 2017

	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	32,0	-	-	-	-	-	-	-	-	-	-	-	-
Imports	59,6	15,2	533,8	100,6	0,0	551,5	23,4	87,2	-	22,8	104,0	-	2,3
Exports	7,4	-	1,4	-	-	11,1	-	31,8	-	4,4	0,0	-	210,2
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-	-	-
International Aviation Bunkers	-	-	-	95,1	-	-	-	-	-	-	-	-	-
Stock Changes	4,7	1,3	2,0	-5,0	-	13,8	-	-1,3	-	0,0	1,0	-	-1,3
<b>DOMESTIC SUPPLY</b>	<b>88,9</b>	<b>16,5</b>	<b>534,4</b>	<b>0,6</b>	<b>0,0</b>	<b>554,2</b>	<b>23,4</b>	<b>54,1</b>	<b>-</b>	<b>18,4</b>	<b>105,0</b>	<b>-</b>	<b>-209,2</b>
Transfers	-63,9	-	2,2	-	-	10,0	-	-52,5	-	-	-	-	212,7
Statistical Differences	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	-	0,0	0,0	-	0,0
<b>Transformation Sector - Input</b>	<b>25,0</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	25,0	-	-	-	-	-	-	-	-	-	-	-	-
<b>Transformation Sector - Production</b>	-	-	<b>2,2</b>	-	-	<b>10,0</b>	-	<b>8,8</b>	-	-	-	-	<b>3,4</b>
Petroleum Refineries	-	-	2,2	-	-	10,0	-	8,8	-	-	-	-	3,4
<b>FINAL CONSUMPTION</b>	-	<b>16,5</b>	<b>536,6</b>	<b>0,6</b>	<b>0,0</b>	<b>564,2</b>	<b>23,4</b>	<b>1,6</b>	<b>-</b>	<b>18,4</b>	<b>105,0</b>	<b>-</b>	<b>3,5</b>
<b>Industry</b>	-	<b>0,0</b>	-	-	-	-	<b>1,4</b>	<b>1,0</b>	-	-	-	-	<b>1,5</b>
Iron and steel	-	-	-	-	-	-	0,2	0,0	-	-	-	-	-
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	0,0	-	-	-	-	-	0,5	-	-	-	-	1,3
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	-	-	-	-	-	0,5	-	-	-	-	-
Wood and wood products	-	0,0	-	-	-	-	-	-	-	-	-	-	-
Construction	-	0,0	-	-	-	-	1,2	0,0	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-	-	0,2
<b>Transport</b>	-	<b>2,8</b>	<b>535,3</b>	<b>0,6</b>	-	<b>552,3</b>	<b>12,2</b>	<b>0,5</b>	-	-	-	-	-
International aviation	-	-	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	0,6	-	-	-	-	-	-	-	-	-
Road	-	2,8	535,3	-	-	552,3	-	-	-	-	-	-	-
Rail	-	-	-	-	-	-	10,3	0,5	-	-	-	-	-
Domestic navigation	-	-	-	-	-	-	1,9	-	-	-	-	-	-
<b>Other</b>	-	<b>13,7</b>	<b>1,3</b>	-	<b>0,0</b>	<b>11,9</b>	<b>9,8</b>	<b>0,1</b>	-	-	-	-	-
Commercial and public services	-	0,0	-	-	-	-	9,5	0,1	-	-	-	-	-
Residential	-	13,7	-	-	0,0	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	0,0	1,3	-	-	11,9	0,3	-	-	-	-	-	-
<b>Non-energy use</b>	-	-	-	-	-	-	-	-	-	<b>18,4</b>	<b>105,0</b>	-	<b>2,0</b>
<b>Energy sector</b>	-	-	-	-	-	-	-	-	-	<b>1,7</b>	-	-	-
<b>Transport sector</b>	-	-	-	-	-	-	-	-	-	<b>14,3</b>	-	-	-
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	14,2	-	-	-
Rail	-	-	-	-	-	-	-	-	-	0,1	-	-	-

<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)
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>0,8</b>	<b>105,0</b>	<b>-</b>	<b>2,0</b>
Iron and steel	-	-	-	-	-	-	-	-	-	0,2	-	-	-
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	-	-	-	2,0
Non-metallic minerals	-	-	-	-	-	-	-	-	-	0,3	6,8	-	-
Mining and quarrying <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	2,1	-	-
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	0,3	96,1	-	-
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Other sectors</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>
Agriculture/forestry/fishing	-	-	-	-	-	-	-	-	-	1,6	-	-	-
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-	-	-

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

## OIL AND OIL PRODUCTS

### SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS, 2017

(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	1 359,6	-	-	-	-	-	-	-	-	-	-	-	-	1 359,6
Imports	2 531,3	699,2	23 487,2	4 325,8	0,0	23 493,9	996,8	3 503,0	-	866,4	3 952,0	-	87,4	63 943,0
Exports	314,5	-	61,6	-	-	472,9	-	1 278,0	-	167,2	0,0	-	7 987,6	10 281,8
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
International Aviation Bunkers	-	-	-	4 087,2	-	-	-	-	-	-	-	-	-	4 087,2
Stock Changes	199,8	59,8	88,0	-212,9	-	587,9	-	-52,2	-	-0,4	38,0	-	-49,4	658,6
<b>DOMESTIC SUPPLY</b>	<b>3 776,1</b>	<b>759,0</b>	<b>23 513,6</b>	<b>25,8</b>	<b>0,0</b>	<b>23 608,9</b>	<b>996,8</b>	<b>2 172,7</b>	-	<b>698,8</b>	<b>3 990,0</b>	-	<b>-7 949,6</b>	<b>51 592,2</b>
Available	3 776,1	759,0	23 610,4	25,8	0,0	24 034,1	996,8	2 524,3	-	698,8	3 990,0	-	-7 820,4	52 595,0
Transfers	-2 713,6	-	96,8	-	-	425,1	-	2 110,0	-	-	-	-	8 082,6	3 780,9
Statistical Differences	0,0	0,0	0,0	0,0	0,0	0,4	0,0	0,0	-	0,0	0,0	-	0,0	0,4
<b>Transformation Sector - Input</b>	<b>1 062,5</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>1 062,5</b>
Petroleum Refineries	1 062,5	-	-	-	-	-	-	-	-	-	-	-	-	1 062,5
<b>Transformation Sector - Production</b>	-	-	<b>96,8</b>	-	-	<b>425,1</b>	-	<b>351,7</b>	-	-	-	-	<b>129,2</b>	<b>1 002,8</b>
Petroleum Refineries	-	-	96,8	-	-	425,1	-	351,7	-	-	-	-	129,2	1 002,8
<b>FINAL CONSUMPTION</b>	-	<b>759,0</b>	<b>23 610,4</b>	<b>25,8</b>	<b>0,0</b>	<b>24 034,1</b>	<b>996,8</b>	<b>62,7</b>	-	<b>698,8</b>	<b>3 990,0</b>	-	<b>133,0</b>	<b>54 310,6</b>
<b>Industry</b>	-	<b>0,0</b>	-	-	-	-	<b>59,2</b>	<b>40,2</b>	-	-	-	-	<b>57,0</b>	<b>156,4</b>
Iron and steel	-	-	-	-	-	-	8,1	0,0	-	-	-	-	-	8,1
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## 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
Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-metallic minerals	-	0,0	-	-	-	-	-	20,1	-	-	-	-	49,4	69,5
Transport equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying <sup>3</sup>	-	0,0	-	-	-	-	-	-	-	-	-	-	-	0,0
Food, beverages and tobacco	-	0,0	-	-	-	-	-	20,1	-	-	-	-	-	20,1
Wood and wood products	-	0,0	-	-	-	-	-	-	-	-	-	-	-	0,0
Construction	-	0,0	-	-	-	-	51,1	0,0	-	-	-	-	-	51,1
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-	-	7,6	7,6
<b>Transport</b>	-	<b>128,8</b>	<b>23 553,2</b>	<b>25,8</b>	-	<b>23 526,7</b>	<b>519,7</b>	<b>18,5</b>	-	-	-	-	-	<b>47 772,7</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	25,8	-	-	-	-	-	-	-	-	-	25,8
Road	-	128,8	23 553,2	-	-	23 526,7	-	-	-	-	-	-	-	47 208,7
Rail	-	-	-	-	-	-	438,8	18,5	-	-	-	-	-	457,3
Domestic navigation	-	-	-	-	-	-	80,9	-	-	-	-	-	-	80,9
<b>Other</b>	-	<b>630,2</b>	<b>57,2</b>	-	<b>0,0</b>	<b>506,9</b>	<b>417,9</b>	<b>4,0</b>	-	-	-	-	-	<b>1 616,3</b>
Commercial and public services	-	0,0	-	-	-	-	405,1	4,0	-	-	-	-	-	409,1
Residential	-	630,2	-	-	0,0	-	-	-	-	-	-	-	-	630,2
Agriculture/forestry/fishing	-	0,0	57,2	-	-	506,9	12,8	-	-	-	-	-	-	576,9
<b>Non-energy use</b>	-	-	-	-	-	-	-	-	-	<b>698,8</b>	<b>3 990,0</b>	-	<b>76,0</b>	<b>4 764,8</b>
<b>Energy sector</b>	-	-	-	-	-	-	-	-	-	<b>64,6</b>	-	-	-	<b>64,6</b>
<b>Transport sector</b>	-	-	-	-	-	-	-	-	-	<b>543,0</b>	-	-	-	<b>543,0</b>

<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
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	-	-	-	-	-	-	-	539,2	-	-	-	539,2
Rail	-	-	-	-	-	-	-	-	-	3,8	-	-	-	3,8
Domestic navigation	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
<b>Industry sector</b>	-	-	-	-	-	-	-	-	-	<b>30,4</b>	<b>3 990,0</b>	-	<b>76,0</b>	<b>4 096,4</b>
Iron and steel	-	-	-	-	-	-	-	-	-	7,6	-	-	-	7,6
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	-	-	-	76,0	76,0
Non-metallic minerals	-	-	-	-	-	-	-	-	-	11,4	258,4	-	-	269,8
Mining and quarrying <sup>4</sup>	-	-	-	-	-	-	-	-	-	-	79,8	-	-	79,8
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	11,4	3 651,8	-	-	3 663,2
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Other sectors</b>	-	-	-	-	-	-	-	-	-	<b>60,8</b>	-	-	-	<b>60,8</b>
Agriculture/forestry/fishing	-	-	-	-	-	-	-	-	-	60,8	-	-	-	60,8
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

## OIL AND OIL PRODUCTS

### SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS, 2017

(Thousand tonnes of oil equivalent)

	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	32,5	-	-	-	-	-	-	-	-	-	-	-	-	32,5
Imports	60,5	16,7	561,0	103,3	0,0	561,1	23,8	83,7	-	20,7	94,4	-	2,1	1 527,3
Exports	7,5	-	1,5	-	-	11,3	-	30,5	-	4,0	-	-	190,8	245,6
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
International Aviation Bunkers	-	-	-	97,6	-	-	-	-	-	-	-	-	-	97,6
Stock Changes	4,8	1,4	2,1	-5,1	-	14,0	-	-1,2	-	0,0	0,9	-	-1,2	15,7
<b>DOMESTIC SUPPLY</b>	<b>90,2</b>	<b>18,1</b>	<b>561,6</b>	<b>0,6</b>	<b>0,0</b>	<b>563,9</b>	<b>23,8</b>	<b>51,9</b>	-	<b>16,7</b>	<b>95,3</b>	-	<b>-189,9</b>	<b>1 232,3</b>
Available	90,2	18,1	563,9	0,6	0,0	574,0	23,8	60,3	-	16,7	95,3	-	-186,8	1 256,2
Transfers	-64,8	-	2,3	-	-	10,2	-	-50,4	-	-	-	-	193,0	90,3
Statistical Differences	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	-	0,0	0,0	-	0,0	0,0
<b>Transformation Sector - Input</b>	<b>25,4</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>25,4</b>
Petroleum Refineries	25,4	-	-	-	-	-	-	-	-	-	-	-	-	25,4
<b>Transformation Sector - Production</b>	-	-	<b>2,3</b>	-	-	<b>10,2</b>	-	<b>8,4</b>	-	-	-	-	<b>3,1</b>	<b>24,0</b>
Petroleum Refineries	-	-	2,3	-	-	10,2	-	8,4	-	-	-	-	3,1	24,0
<b>FINAL CONSUMPTION</b>	-	<b>18,1</b>	<b>563,9</b>	<b>0,6</b>	<b>0,0</b>	<b>574,0</b>	<b>23,8</b>	<b>1,5</b>	-	<b>16,7</b>	<b>95,3</b>	-	<b>3,2</b>	<b>1 297,2</b>
<b>Industry</b>	-	<b>0,0</b>	-	-	-	-	<b>1,4</b>	<b>1,0</b>	-	-	-	-	<b>1,4</b>	<b>3,7</b>
Iron and steel	-	-	-	-	-	-	0,2	0,0	-	-	-	-	-	0,2
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Non-metallic minerals	-	0,0	-	-	-	-	-	0,5	-	-	-	-	1,2	1,7
Transport equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying <sup>5</sup>	-	0,0	-	-	-	-	-	-	-	-	-	-	-	0,0
Food, beverages and tobacco	-	0,0	-	-	-	-	-	0,5	-	-	-	-	-	0,5
Wood and wood products	-	0,0	-	-	-	-	-	-	-	-	-	-	-	-
Construction	-	0,0	-	-	-	-	1,2	0,0	-	-	-	-	-	1,2
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-	-	0,2	0,2
<b>Transport</b>	<b>-</b>	<b>3,1</b>	<b>562,6</b>	<b>0,6</b>	<b>-</b>	<b>561,9</b>	<b>12,4</b>	<b>0,4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1 141,0</b>
International aviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	0,6	-	-	-	-	-	-	-	-	-	0,6
Road	-	3,1	562,6	-	-	561,9	-	-	-	-	-	-	-	1 127,6
Rail	-	-	-	-	-	-	10,5	0,4	-	-	-	-	-	10,9
Domestic navigation	-	-	-	-	-	-	1,9	-	-	-	-	-	-	1,9
<b>Other</b>	<b>-</b>	<b>15,1</b>	<b>1,4</b>	<b>-</b>	<b>0,0</b>	<b>12,1</b>	<b>10,0</b>	<b>0,1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>38,6</b>
Commercial and public services	-	0,0	-	-	-	-	9,7	0,1	-	-	-	-	-	9,8
Residential	-	15,1	-	-	0,0	-	-	-	-	-	-	-	-	15,1
Agriculture/forestry/fishing	-	0,0	1,4	-	-	12,1	0,3	-	-	-	-	-	-	13,8
<b>Non-energy use</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,7</b>	<b>95,3</b>	<b>-</b>	<b>1,8</b>	<b>113,8</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>13,0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,0</b>
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<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
Road	-	-	-	-	-	-	-	-	-	12,9	-	-	-	12,9
Rail	-	-	-	-	-	-	-	-	-	0,1	-	-	-	0,1
Domestic navigation	-	-	-	-	-	-	-	-	-	0,0	-	-	-	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>0,7</b>	<b>95,3</b>	<b>-</b>	<b>1,8</b>	<b>97,8</b>
Iron and steel	-	-	-	-	-	-	-	-	-	0,2	-	-	-	0,2
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	-	-	-	1,8	1,8
Non-metallic minerals	-	-	-	-	-	-	-	-	-	0,3	6,2	-	-	6,4
Mining and quarrying <sup>6</sup>	-	-	-	-	-	-	-	-	-	-	1,9	-	-	1,9
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	0,3	87,2	-	-	87,5
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Other sectors</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>
Agriculture/forestry/fishing	-	-	-	-	-	-	-	-	-	1,5	-	-	-	1,5
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

# BIOFUEL AND WASTE



## SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE IN PHYSICAL UNITS, 2017

	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	1 937,8	-	20,3	0,1
Imports	-	-	0,0	0,0
Exports	8,5	-	-	-
Stock Changes	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>1 929,3</b>	-	<b>20,3</b>	<b>0,1</b>
Transfers	-	-	-	-
Statistical Differences	0,0	-	0,0	0,0
<b>FINAL CONSUMPTION</b>	<b>1 929,3</b>	-	<b>20,3</b>	<b>0,1</b>
<b>Industry</b>	<b>5,9</b>	-	<b>0,0</b>	-
Non-metallic minerals	0,1	-	-	-
Food, beverages and tobacco	5,6	-	0,0	-
Wood and wood products	0,1	-	-	-
Construction	0,1	-	-	-
<b>Other</b>	<b>1 923,4</b>	-	<b>20,3</b>	<b>0,1</b>
Commercial and public services	18,5	-	1,5	0,1
Residential	1 904,8	-	18,8	0,0
Agriculture/forestry/fishing	0,1	-	-	-

**SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE, 2017**  
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	Fuel wood	Pellets, briquettes, other solid fuels	Other vegetal materials and residual	Charcoal	Total
Production	15 114,8	-	162,4	3,1	15 280,3
Imports	-	-	0,0	0,0	0,0
Exports	66,3	-	-	-	66,3
Stock Changes	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>15 048,5</b>	-	<b>162,4</b>	<b>3,1</b>	<b>15 214,0</b>
Available	15 048,5	-	162,4	3,1	15 214,0
Transfers	-	-	-	-	-
Statistical Differences	0,1	-	0,0	0,0	0,1
<b>FINAL CONSUMPTION</b>	<b>15 048,5</b>	-	<b>162,4</b>	<b>3,1</b>	<b>15 214,0</b>
<b>Industry</b>	<b>46,0</b>	-	<b>0,2</b>	-	<b>46,3</b>
Non-metallic minerals	0,8	-	-	-	0,8
Food, beverages and tobacco	43,7	-	0,2	-	43,9
Wood and wood products	0,8	-	-	-	0,8
Construction	0,8	-	-	-	0,8
<b>Other</b>	<b>15 002,4</b>	-	<b>162,1</b>	<b>3,1</b>	<b>15 167,6</b>
Commercial and public services	144,3	-	12,0	3,1	159,4
Residential	14 857,1	-	150,1	0,0	15 007,1
Agriculture/forestry/fishing	1,1	-	-	-	1,1

**SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE, 2017**

(Thousand tonnes of oil equivalent)

	Fuel wood	Pellets, briquettes, other solid fuels	Other vegetal materials and residual	Charcoal	Total
Production	361,0	-	3,9	0,1	365,0
Imports	-	-	0,0	0,0	0,0
Exports	1,6	-	-	-	1,6
Stock Changes	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>359,4</b>	-	<b>3,9</b>	<b>0,1</b>	<b>363,4</b>
Available	359,4	-	3,9	0,1	363,4
Transfers	-	-	-	-	-
Statistical Differences	0,0	-	0,0	0,0	0,0
<b>FINAL CONSUMPTION</b>	<b>359,4</b>	-	<b>3,9</b>	<b>0,1</b>	<b>363,4</b>
<b>Industry</b>	<b>1,1</b>	-	<b>0,0</b>	-	<b>1,1</b>
Non-metallic minerals	0,0	-	-	-	0,0
Food, beverages and tobacco	1,0	-	0,0	-	1,0
Wood and wood products	0,0	-	-	-	0,0
Construction	0,0	-	-	-	0,0
<b>Other</b>	<b>358,3</b>	-	<b>3,9</b>	<b>0,1</b>	<b>362,3</b>
Commercial and public services	3,4	-	0,3	0,1	3,8
Residential	354,9	-	3,6	0,0	358,4
Agriculture/forestry/fishing	0,0	-	-	-	0,0

