

2015

ENERGY BALANCE OF GEORGIA

Statistical Publication



NATIONAL STATISTICS OFFICE OF GEORGIA

ENERGY BALANCE OF GEORGIA

Statistical Publication

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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.

Statistical Publication

ENERGY BALANCE OF GEORGIA, 2014

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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 2014 year.

The energy balance was created due to growing interest of a wide range of users, as it represents the best tool for the local or global policy planning.

With regard to formation of complete balance it is worth to mention the international cooperation and methodological support of EU program INOGATE, which largely contributed to successful implementation of this work.

New energy balance was compiled based on the recommendations of International Energy Agency and fully complies with the international standards.

The publication is based on the declared data of various surveys conducted by the National Statistics Office during 2015. Different types of administrative data as well as expert assessments have been used in order to create the energy balance.

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 order to collect the information about consumption of energy forms, in comparison of survey for 2014 year (when the survey covered all kind of institutional sectors: non-financial corporations, financial corporations, non-profit institutions serving households, households and public administration), the survey for 2015 year covered only households and non-financial corporations. 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.).

In addition to the above-mentioned surveys in terms of compile complete energy balance it became also necessary to retrieve, collect and process various types of administrative data. In certain cases expert assessments were carried out as well.

Processing of data obtained from the surveys, database cleaning and formation was conducted by the Geostat, while the experts of the EU program INOGATE actively participated in the analysis of data and formation of final version of the energy balance alongside the Geostat representatives.

I. Key indicators about Georgia

1.1 Main facts about Georgia

Area	69 700 km ²
Length of state borders	2 148 km
Land borders	1 839 km
The highest mountain	„Shkhara” – 5068 m
Population	3 729 500 (01.01.2015)
Density	53.5/km ²
Capital	Tbilisi
Official languages	Georgian
Currency	Georgian lari

1.2 Key economic indicators about Georgia

Indicators	2014
GDP at current prices, mil. GEL	29150.5
GDP at constant 2010 prices, mil. GEL	25585.6
DGP real growth, %	4.6
GDP per capita (at current prices), USD	3676.2
Unemployment rate, percentage	12.4
CPI (Inflation), Annual Average to the Annual Average	103.1
Foreign Direct Investments	1758.4
External Trade (FOB) (Mil. USD)	2861.0
Import (CIF) (Mil. USD)	8593.0

1.3 Hydro and Thermal Power Plants operating in Georgia, 2014

	Name	Installed power (MW)
Hydro Electricity Plants		
1	Engurhesi	1 300
2	Vardnilhesi	220
3	Xramhesi 1	112.8
4	Xramhesi 2	110
5	Zhinvalhesi	130
6	Cascade of Varcikhehesi	184
7	Rionhesi	48
8	Gumathesi	66.8
9	Lajanurhesi	112.5
10	Dzevrulahesi	80
11	Shaorhesi	38.4
12	Zahesi	35.8
13	Ortachalhesi	18
14	Atshesi	16
15	Chitakhevi	21
16	Sackhenhesi	14
17	Khadorhesi	24
18	Larsi hesi	19
19	Faravanhesi	86.54
20	Other Hydro Power Plants (Small Hydro power plants)	153.86
Thermal Electricity Plants		
21	Mtkvari energy	300
22	Tbilsresi	270
23	Gpower	110

Source: Georgian National Energy and Water Supply Regulatory Commission

1.4 Small Hydro Power Plants operating in Georgia, 2014

1	Alazanhesi
2	Bzhuzhahesi
3	abhesi
4	Tetrikhevhesi
5	Sionhesi
6	Ritseulahesi
7	Chalahesi
8	Chkhorhesi
9	Dashbashhesi
10	Mashaverahesi
11	Kabalhesi
12	Kakhetihesi
13	Intsobahesi
14	Kazbegihesi
15	Energetiki hesi
16	Machakhelahesi
17	Misaktsielhesi
18	Skurhesi
19	Khertvishesi
20	Kinkishahesi
21	Achihesi
22	Igoethesi

23	Sanaliahesi
24	Rustavihesi
25	Sulorhesi
26	Okamihesi
27	Lopotahesi
28	Zvareti hesi
29	Tirifonhesi
30	Pantianihesi
31	Fshavela hesi
32	Khadorhesi-2
33	Khanhesi
34	Racha hesi
35	Dagvahesi
36	Alazanhesi-2
37	Shildahesi
38	Bakhvihesi-3
39	Aragvihesi
40	Akhmetahesi
41	Kazretihsesi
42	Kazbegihsesi-2
43	Martkofihesi
44	Algetihesi

Source: Georgian State Electrosystem

AGGREGATED ENERGY BALANCE OF GEORGIA, 2014

(TJ)

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc.	Biofuel & Waste	Electricity	Heat	Total
Production	5 088,3	1 811,8	-	359,4	-	30 007,2	704,3	19 470,2	-	-	57 441,3
Imports	7 044,6	430,7	48 239,8	76 421,7	-	-	-	-	3 069,9	-	135 206,8
Exports	43,7	2 178,2	671,8	-	-	-	-	-	2 175,9	-	5 069,5
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock Changes	90,5	-64,4	-123,7	-	-	-	-	-	-	-	-97,6
DOMESTIC SUPPLY	12 179,8	-	47 444,3	76 781,1	-	30 007,2	704,3	19 470,2	894,0	-	187 481,0
Available	12 179,8	-	47 444,3	76 781,1	-	30 007,2	704,3	19 470,2	38 230,4	-	-
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	-	0,0	0,0	0,0	0,0	-	0,0
Transformation Sector - Input	-	-	-	20 110,3	-	30 007,2	-	-	-	-	50 117,5
MA Thermal Electricity Plants	-	-	-	20 110,3	-	-	-	-	-	-	20 110,3
MA Hydro Electricity Plants	-	-	-	-	-	30 007,2	-	-	-	-	30 007,2
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Transformation Sector - Production	-	-	-	-	-	-	-	-	37 336,4	-	37 336,4
MA Thermal Electricity Plants	-	-	-	-	-	-	-	-	7 329,2	-	7 329,2
MA Hydro Electricity Plants	-	-	-	-	-	-	-	-	30 007,2	-	30 007,2
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Energy Sector	20,8	-	-	-	-	-	-	-	843,0	-	863,7
Coal Mines	20,8	-	-	-	-	-	-	-	59,4	-	80,2
Oil and Gas Extraction	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-

ENERGY BALANCE OF GEORGIA, 2014

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc.	Biofuel & Waste	Electricity	Heat	Total
Own Use in Thermal Electricity Plants	-	-	-	-	-	-	-	-	371,9	-	371,9
Own Use in Hydro Electricity Plants	-	-	-	-	-	-	-	-	411,6	-	411,6
Used for Pumped Storage	-	-	-	-	-	-	-	-	-	-	-
Non-specified (Energy)	-	-	-	-	-	-	-	-	-	-	-
Distribution Losses	-	-	-	3 168,7	-	-	81,0	-	2 159,7	-	5 409,4
FINAL CONSUMPTION	12 159,0	-	47 444,3	53 502,2	-	-	623,3	19 470,2	35 227,7	-	168 426,8
Industry	12 113,1	-	37,8	3 346,7	-	-	-	13,5	10 140,9	-	25 652,0
Iron and steel ¹	3 943,6	-	14,0	320,3	-	-	-	-	5 207,0	-	9 484,8
Chemical (including petrochemical)	-	-	0,1	89,0	-	-	-	-	713,7	-	802,8
Non-ferrous metals	-	-	-	...	-	-	-	-	...	-	...
Non-metallic minerals	8 071,6	-	12,8	1 003,6	-	-	-	0,1	798,8	-	9 887,0
Transport equipment	-	-	-	15,3	-	-	-	-	23,8	-	39,1
Machinery	-	-	-	4 0	-	-	-	-	39,8	-	43,7
Mining and quarrying	-	-	0,1	25,9	-	-	-	-	330,3	-	356,3
Food, beverages and tobacco	92,1	-	0,3	1 379,5	-	-	-	12,5	700,4	-	2 184,9
Paper, pulp and printing	-	-	-	80,0	-	-	-	0,1	47,8	-	127,8
Wood and wood products	-	-	0,1	0,6	-	-	-	-	14,8	-	15,5
Construction	-	-	9,3	344,5	-	-	-	0,7	1 337,3	-	1 691,7
Textiles and leather	-	-	-	28,1	-	-	-	-	26,8	-	54,9
Not elsewhere specified (Industry)	5,9	-	1,2	55,9	-	-	-	0,1	900,4	-	963,5
Transport	-	-	42 394,7	12 250,0	-	-	-	-	960,3	-	55 605,0
International aviation	-	-	3 469,7	-	-	-	-	-	-	-	3 469,7

¹ Including non-ferrous metals

ENERGY BALANCE OF GEORGIA, 2014

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc.	Biofuel & Waste	Electricity	Heat	Total
Domestic aviation	-	-	34,4	-	-	-	-	-	-	-	34,4
Road	-	-	38 412,1	12 250,0	-	-	-	-	-	-	50 662,1
Rail	-	-	448,8	-	-	-	-	-	960,3	-	1 409,1
Domestic navigation	-	-	29,6	-	-	-	-	-	-	-	29,6
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
Other	45,9	-	1 243,9	28 847,0	-	-	623,3	19 456,7	24 126,6	-	74 343,4
Commercial and public services	30,3	-	291,4	7 795,8	-	-	392,0	324,8	9 243,0	-	18 077,3
Residential	15,6	-	711,6	20 916,0	-	-	210,0	19 131,1	8 874,8	-	49 859,1
Agriculture/forestry/fishing	-	-	240,9	135,2	-	-	21,3	0,8	109,7	-	507,9
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	5 899,1	-	5899,1
Non-energy use	-	-	3 767,9	9 058,5	-	-	-	-	-	-	12 826,4
Transformation sector	-	-	-	-	-	-	-	-	-	-	-
Energy sector	-	-	97,2	-	-	-	-	-	-	-	97,2
Transport sector	-	-	488,5	-	-	-	-	-	-	-	488,5
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	480,7	-	-	-	-	-	-	-	480,7
Rail	-	-	4,0	-	-	-	-	-	-	-	4,0
Domestic navigation	-	-	3,8	-	-	-	-	-	-	-	3,8
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
Industry sector	-	-	3 182,2	9 058,5	-	-	-	-	-	-	12 240,7

ENERGY BALANCE OF GEORGIA, 2014

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc.	Biofuel & Waste	Electricity	Heat	Total
Iron and steel ²			24,1								24,1
Chemical (including petrochemical)	-	-	0,2	9 058,5	-	-	-	-	-	-	9 058,7
Non-ferrous metals	-	-	...	-	-	-	-	-	-
Non-metallic minerals	-	-	137,4	-	-	-	-	-	-	-	137,4
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	27,4	-	-	-	-	-	-	-	27,4
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	0,0	-	-	-	-	-	-	-	0,0
Construction	-	-	2 965,4	-	-	-	-	-	-	-	2 965,4
Textiles and leather	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	27,7	-	-	-	-	-	-	-	27,7
Other sectors	-	-	-	-	-	-	-	-	-	-	-
Commercial and public services	-	-	-	-	-	-	-	-	-	-	-
Residential	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-

² Including non-ferrous metals

AGGREGATED ENERGY BALANCE OF GEORGIA, 2014

(Thousand tonnes of oil equivalent)

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc.	Biofuel & Waste	Electricity	Heat	Total
Production	121,5	43,3	-	8,6	-	716,7	16,8	465,0	-	-	1 372,0
Imports	168,3	10,3	1 152,2	1 825,3	-	-	-	-	73,3	-	3 229,4
Exports	1,0	52,0	16,0	-	-	-	-	-	52,0	-	121,1
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock Changes	2,2	-1,5	-3,0	-	-	-	-	0,0	-	-	-2,3
DOMESTIC SUPPLY	290,9	-	1 133,2	1 833,9	-	716,7	16,8	465,0	21,4	-	4 477,9
Available	290,9	-	1 133,2	1 833,9	-	716,7	16,8	465,0	913,1	-	-
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	-	0,0	0,0	0,0	0,0	-	0,0
Transformation Sector - Input	-	-	-	480,3	-	716,7	-	-	-	-	1 197,0
MA Thermal Electricity Plants	-	-	-	480,3	-	-	-	-	-	-	480,3
MA Hydro Electricity Plants	-	-	-	-	-	716,7	-	-	-	-	716,7
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Transformation Sector - Production	-	-	-	-	-	-	-	-	891,8	-	891,8
MA Thermal Electricity Plants	-	-	-	-	-	-	-	-	175,1	-	175,1
MA Hydro Electricity Plants	-	-	-	-	-	-	-	-	716,7	-	716,7
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Energy Sector	0,5	-	-	-	-	-	-	-	20,1	-	20,6
Coal Mines	0,5	-	-	-	-	-	-	-	1,4	-	1,9
Oil and Gas Extraction	-	-	-	-	-	-	-	-	-	-	-

ENERGY BALANCE OF GEORGIA, 2014

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc.	Biofuel & Waste	Electricity	Heat	Total
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Own Use in Thermal Electricity Plants	-	-	-	-	-	-	-	-	8,9	-	8,9
Own Use in Hydro Electricity Plants	-	-	-	-	-	-	-	-	9,8	-	9,8
Used for Pumped Storage	-	-	-	-	-	-	-	-	-	-	-
Non-specified (Energy)	-	-	-	-	-	-	-	-	-	-	-
Distribution Losses	-	-	-	75,7	-	-	1,9	-	51,6	-	129,2
FINAL CONSUMPTION	290,4	-	1 133,2	1 277,9	-	-	14,9	465,0	841,4	-	4 022,8
Industry	289,3	-	0,9	79,9	-	-	-	0,3	242,2	-	612,7
Iron and steel ³	94,2	-	0,3	7,6	-	-	-	-	124,4	-	226,5
Chemical (including petrochemical)	-	-	0,0	2,1	-	-	-	-	17,0	-	19,2
Non-ferrous metals	-	-	-	...	-	-	-	-	...	-	...
Non-metallic minerals	192,8	-	0,3	24,0	-	-	-	0,0	19,1	-	236,1
Transport equipment	-	-	-	0,4	-	-	-	-	0,6	-	0,9
Machinery	-	-	-	0,1	-	-	-	-	1,0	-	1,0
Mining and quarrying	-	-	0,0	0,6	-	-	-	-	7,9	-	8,5
Food, beverages and tobacco	2,2	-	0,0	32,9	-	-	-	0,3	16,7	-	52,2
Paper, pulp and printing	-	-	-	1,9	-	-	-	0,0	1,1	-	3,1
Wood and wood products	-	-	0,0	0,0	-	-	-	-	0,4	-	0,4
Construction	-	-	0,2	8,2	-	-	-	0,0	31,9	-	40,4
Textiles and leather	-	-	-	0,7	-	-	-	-	0,6	-	1,3
Not elsewhere specified (Industry)	0,1	-	0,0	1,3	-	-	-	0,0	21,5	-	23,0
Transport	-	-	1 012,6	292,6	-	-	-	-	22,9	-	1 328,1
International aviation	-	-	82,9	-	-	-	-	-	-	-	82,9
Domestic aviation	-	-	0,8	-	-	-	-	-	-	-	0,8
Road	-	-	917,5	292,6	-	-	-	-	-	-	1 210,0

³ Including non-ferrous metals

ENERGY BALANCE OF GEORGIA, 2014

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc.	Biofuel & Waste	Electricity	Heat	Total
Rail	-	-	10,7	-	-	-	-	-	22,9	-	33,7
Domestic navigation	-	-	0,7	-	-	-	-	-	-	-	0,7
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
Other	1,1	-	29,7	689,0	-	-	14,9	464,7	576,3	0,0	1 775,7
Commercial and public services	0,7	-	7,0	186,2	-	-	9,4	7,8	220,8	-	431,8
Residential	0,4	-	17,0	499,6	-	-	5,0	456,9	212,0	-	1 190,9
Agriculture/forestry/fishing	-	-	5,8	3,2	-	-	0,5	0,0	2,6	-	12,1
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	140,9	-	140,9
Non-energy use	-	-	90,0	216,4	-	-	-	-	-	-	306,4
Transformation sector	-	-	-	-	-	-	-	-	-	-	-
Energy sector	-	-	2,3	-	-	-	-	-	-	-	2,3
Transport sector	-	-	11,7	-	-	-	-	-	-	-	11,7
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	11,5	-	-	-	-	-	-	-	11,5
Rail	-	-	0,1	-	-	-	-	-	-	-	0,1
Domestic navigation	-	-	0,1	-	-	-	-	-	-	-	0,1
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
Industry sector	-	-	76,0	216,4	-	-	-	-	-	-	292,4
Iron and steel ⁴	-	-	0,6	-	-	-	-	-	-	-	0,6
Chemical (including petrochemical)	-	-	0,0	216,4	-	-	-	-	-	-	216,4
Non-ferrous metals	-	-	...	-	-	-	-	-	...	-	...

⁴ Including non-ferrous metals

ENERGY BALANCE OF GEORGIA, 2014

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc.	Biofuel & Waste	Electricity	Heat	Total
Non-metallic minerals	-	-	3,3	-	-	-	-	-	-	-	3,3
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	0,7	-	-	-	-	-	-	-	0,7
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	0,0	-	-	-	-	-	-	-	0,0
Construction	-	-	70,8	-	-	-	-	-	-	-	70,8
Textiles and leather	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	0,7	-	-	-	-	-	-	-	0,7
Other sectors	-	-	-	-	-	-	-	-	-	-	-
Commercial and public services	-	-	-	-	-	-	-	-	-	-	-
Residential	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-

ELECTRICITY AND HEAT



SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT, 2014

	Hydro (GWh)	Geothermal (TJ)	Solar (TJ)	Electricity (GWh)
Production	8 335,3	627,3	77,0	10 371,2
Imports	-	-	-	852,7
Exports	-	-	-	604,4
Stock Changes	-	-	-	-
DOMESTIC SUPPLY	8 335,3	627,3	77,0	10 619,6
Transfers	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0
Transformation Sector - Input	8 335,3	-	-	-
MA Hydro Electricity Plants	8 335,3	-	-	-
Transformation Sector - Production	-	-	-	10 371,2
MA Thermal Electricity Plants	-	-	-	2 035,9
MA Hydro Electricity Plants	-	-	-	8 335,3
Energy Sector	-	-	-	234,2
Coal Mines	-	-	-	16,5
Own Use in Thermal Electricity Plants	-	-	-	103,3
Own Use in Hydro Electricity Plants	-	-	-	114,3
Distribution Losses	-	81,0	-	599,9
FINAL CONSUMPTION	-	546,3	77,0	9 785,5
Industry	-	-	-	2 816,9
Iron and steel ¹	-	-	-	1 446,4
Chemical (including petrochemical)	-	-	-	198,3
Non-ferrous metals	-	-	-	...
Non-metallic minerals	-	-	-	221,9
Transport equipment	-	-	-	6,6
Machinery	-	-	-	11,1
Mining and quarrying	-	-	-	91,8
Food, beverages and tobacco	-	-	-	194,5
Paper, pulp and printing	-	-	-	13,3
Wood and wood products	-	-	-	4,1
Construction	-	-	-	371,5
Textiles and leather	-	-	-	7,5
Not elsewhere specified (Industry)	-	-	-	250,1
Transport	-	-	-	266,7
Rail	-	-	-	266,7
Other	-	546,3	77,0	6 701,8

¹ Including non-ferrous metals

ELECTRICITY AND HEAT

	Hydro (GWh)	Geothermal (TJ)	Solar (TJ)	Electricity (GWh)
Commercial and public services	-	315,0	77,0	2 567,5
Residential	-	210,0	...	2 465,2
Agriculture/forestry/fishing	-	21,3	-	30,5
Not elsewhere specified (Other)	-	-	-	1 638,6

SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT, 2014
(TJ)

	Hydro	Geothermal	Solar	Electricity	Total
Production	30 007,2	627,3	77,0	-	30 711,6
Imports	-	-	-	3 069,9	3 069,9
Exports	-	-	-	2 175,9	2 175,9
Stock Changes	-	-	-	-	-
DOMESTIC SUPPLY	30 007,2	627,3	77,0	894,0	31 605,5
Available	30 007,2	627,3	77,0	38 230,4	-
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
Transformation Sector - Input	30 007,2	-	-	-	30 007,2
MA Hydro Electricity Plants	30 007,2	-	-	-	30 007,2
Transformation Sector - Production	-	-	-	37 336,4	37 336,4
MA Thermal Electricity Plants	-	-	-	7 329,2	7 329,2
MA Hydro Electricity Plants	-	-	-	30 007,2	30 007,2
Energy Sector	-	-	-	843,0	843,0
Coal Mines	-	-	-	59,4	59,4
Own Use in Thermal Electricity Plants	-	-	-	371,9	371,9
Own Use in Hydro Electricity Plants	-	-	-	411,6	411,6
Distribution Losses	-	81,0	-	2 159,7	2 240,7
FINAL CONSUMPTION	-	546,3	77,0	35 227,7	35 851,0
Industry	-	-	-	10 140,9	10 140,9
Iron and steel ²	-	-	-	5 207,0	5 207,0
Chemical (including petrochemical)	-	-	-	713,7	713,7
Non-ferrous metals	-	-	-
Non-metallic minerals	-	-	-	798,8	798,8
Transport equipment	-	-	-	23,8	23,8
Machinery	-	-	-	39,8	39,8
Mining and quarrying	-	-	-	330,3	330,3
Food, beverages and tobacco	-	-	-	700,4	700,4
Paper, pulp and printing	-	-	-	47,8	47,8
Wood and wood products	-	-	-	14,8	14,8
Construction	-	-	-	1 337,3	1 337,3
Textiles and leather	-	-	-	26,8	26,8
Not elsewhere specified (Industry)	-	-	-	900,4	900,4
Transport	-	-	-	960,3	960,3

² Including non-ferrous metals

ELECTRICITY AND HEAT

	Hydro	Geothermal	Solar	Electricity	Total
Rail	-	-	-	960,3	960,3
Other	-	546,3	77,0	24 126,6	24 749,9
Commercial and public services	-	315,0	77,0	9 243,0	9 635,0
Residential	-	210,0	...	8 874,8	9 084,8
Agriculture/forestry/fishing	-	21,3	-	109,7	131,0
Not elsewhere specified (Other)	-	-	-	5 899,1	5 899,1

SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT, 2014
(thousand tonnes of oil equivalent)

	Hydro	Geothermal	Solar	Electricity	Total
Production	716,7	15,0	1,8	-	733,5
Imports	-	-	-	73,3	73,3
Exports	-	-	-	52,0	52,0
Stock Changes	-	-	-	-	-
DOMESTIC SUPPLY	716,7	15,0	1,8	21,4	754,9
Available	716,7	15,0	1,8	913,1	-
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
Transformation Sector - Input	716,7	-	-	-	716,7
MA Hydro Electricity Plants	716,7	-	-	-	716,7
Transformation Sector - Production	-	-	-	891,8	891,8
MA Thermal Electricity Plants	-	-	-	175,1	175,1
MA Hydro Electricity Plants	-	-	-	716,7	716,7
Energy Sector	-	-	-	20,1	20,1
Coal Mines	-	-	-	1,4	1,4
Own Use in Thermal Electricity Plants	-	-	-	8,9	8,9
Own Use in Hydro Electricity Plants	-	-	-	9,8	9,8
Distribution Losses	-	1,9	-	51,6	53,5
FINAL CONSUMPTION	-	13,0	1,8	841,4	856,3
Industry	-	-	-	242,2	242,2
Iron and steel ³	-	-	-	124,4	124,4
Chemical (including petrochemical)	-	-	-	17,0	17,0
Non-ferrous metals	-	-	-
Non-metallic minerals	-	-	-	19,1	19,1
Transport equipment	-	-	-	0,6	0,6
Machinery	-	-	-	1,0	1,0
Mining and quarrying	-	-	-	7,9	7,9
Food, beverages and tobacco	-	-	-	16,7	16,7
Paper, pulp and printing	-	-	-	1,1	1,1
Wood and wood products	-	-	-	0,4	0,4
Construction	-	-	-	31,9	31,9
Textiles and leather	-	-	-	0,6	0,6
Not elsewhere specified (Industry)	-	-	-	21,5	21,5
Transport	-	-	-	22,9	22,9
Rail	-	-	-	22,9	22,9

³ Including non-ferrous metals

ELECTRICITY AND HEAT

	Hydro	Geothermal	Solar	Electricity	Total
Other	-	13,0	1,8	576,3	591,1
Commercial and public services	-	7,5	1,8	220,8	230,1
Residential	-	5,0	...	212,0	217,0
Agriculture/forestry/fishing	-	0,5	-	2,6	3,1
Not elsewhere specified (Other)	-	-	-	140,9	140,9

NATURAL GAS



SUPPLY AND CONSUMPTION OF NATURAL GAS, 2014

	Natural Gas (mil. m ³)
Production	10,3
Imports	2 183,5
Exports	-
Stock Changes	-
DOMESTIC SUPPLY	2 193,7
Transfers	-
Statistical Differences	0,0
Transformation Sector - Input	574,6
MA Thermal Electricity Plants	574,6
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
Distribution Losses	90,5
FINAL CONSUMPTION	1 528,6
Industry	95,6
Iron and steel ¹	9,2
Chemical (including petrochemical)	2,5
Non-ferrous metals	...
Non-metallic minerals	28,7
Transport equipment	0,4
Machinery	0,1
Mining and quarrying	0,7
Food, beverages and tobacco	39,4
Paper, pulp and printing	2,3
Wood and wood products	0,0
Construction	9,8
Textiles and leather	0,8
Not elsewhere specified (Industry)	1,6
Transport	350,0
Road	350,0
Other	824,2
Commercial and public services	222,7
Residential	597,6
Agriculture/forestry/fishing	3,9
other	-

¹ Including non-ferrous metals

NATURAL GAS

	Natural Gas (mil. m ³)
Non-energy use	258,8
Industry sector	258,8
Chemical (including petrochemical)	258,8

SUPPLY AND CONSUMPTION OF NATURAL GAS, 2014

(TJ)

	Natural Gas
Production	359,4
Imports	76 421,7
Exports	-
Stock Changes	-
DOMESTIC SUPPLY	76 781,1
Available	76 781,1
Transfers	-
Statistical Differences	0,0
Transformation Sector - Input	20 110,3
MA Thermal Electricity Plants	20 110,3
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
Distribution Losses	3 168,7
FINAL CONSUMPTION	53 502,2
Industry	3 346,7
Iron and steel ²	320,3
Chemical (including petrochemical)	89,0
Non-ferrous metals	...
Non-metallic minerals	1 003,6
Transport equipment	15,3
Machinery	4,0
Mining and quarrying	25,9
Food, beverages and tobacco	1 379,5
Paper, pulp and printing	80,0
Wood and wood products	0,6
Construction	344,5
Textiles and leather	28,1
Not elsewhere specified (Industry)	55,9
Transport	12 250,0
Road	12 250,0
Other	28 847,0
Commercial and public services	7 795,8
Residential	20 916,0

² Including non-ferrous metals

NATURAL GAS

	Natural Gas
Agriculture/forestry/fishing	135,2
Not elsewhere specified (Other)	-
Non-energy use	9 058,5
Industry sector	9 058,5
Chemical (including petrochemical)	9 058,5

SUPPLY AND CONSUMPTION OF NATURAL GAS, 2014

(Thousand tonnes of oil equivalent)

	Natural Gas
Production	8,6
Imports	1 825,3
Exports	-
Stock Changes	-
DOMESTIC SUPPLY	1 833,9
Available	1 833,9
Transfers	-
Statistical Differences	-
Transformation Sector - Input	480,3
MA Thermal Electricity Plants	480,3
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
Distribution Losses	75,7
FINAL CONSUMPTION	1 277,9
Industry	79,9
Iron and steel ³	7,6
Chemical (including petrochemical)	2,1
Non-ferrous metals	...
Non-metallic minerals	24,0
Transport equipment	0,4
Machinery	0,1
Mining and quarrying	0,6
Food, beverages and tobacco	32,9
Paper, pulp and printing	1,9
Wood and wood products	0,0
Construction	8,2
Textiles and leather	0,7
Not elsewhere specified (Industry)	1,3
Transport	292,6
Road	292,6
Other	689,0
Commercial and public services	186,2
Residential	499,6
Agriculture/forestry/fishing	3,2

³ Including non-ferrous metals

NATURAL GAS

	Natural Gas
Not elsewhere specified (Other)	-
Non-energy use	216,4
Industry sector	216,4
Chemical (including petrochemical)	216,4

COAL



SUPPLY AND CONSUMPTION OF COAL, 2014
(Thousand tonnes)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke	Patent fuel
Production	-	-	299,3	-	-
Imports	3,9	122,3	-	130,9	1,2
Exports	-	-	2,6	-	-
Stock Changes	-0,5	-	-0,1	3,6	-
DOMESTIC SUPPLY	3,4	122,3	296,6	134,6	1,2
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
Energy Sector	-	-	1,2	-	-
Coal Mines	-	-	1,2	-	-
FINAL CONSUMPTION	3,4	122,3	295,4	134,6	1,2
Industry	2,6	122,3	294,1	134,6	1,2
Iron and steel ¹	-	8,5	-	126,8	0,5
Non-metallic minerals	-	113,8	294,1	7,7	-
Food, beverages and tobacco	2,4	-	-	-	0,7
Not elsewhere specified (Industry)	0,2	-	-	-	-
Other	0,8	-	1,3	-	-
Commercial and public services	0,8	-	0,4	-	-
Residential	-	-	0,9	-	-

¹ Including non-ferrous metals

SUPPLY AND CONSUMPTION OF COAL, 2014

(TJ)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke	Patent fuel	Total
Production	-	-	5 088,3	-	-	5 088,3
Imports	115,0	3 058,1	-	3 836,8	34,7	7 044,6
Exports	-	-	43,7	-	-	43,7
Stock Changes	-14,7	-	-1,7	106,9	-	90,5
DOMESTIC SUPPLY	100,3	3 058,1	5 042,9	3 943,7	34,7	12 179,8
Available	100,3	3 058,1	5 042,9	3 943,7	34,7	12 179,8
Transfers	-	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0	0,0
Energy Sector	-	-	20,8	-	-	20,8
Coal Mines	-	-	20,8	-	-	20,8
FINAL CONSUMPTION	100,3	3 058,1	5 022,2	3 943,7	34,7	12 159,0
Industry	76,8	3 058,1	4 999,8	3 943,7	34,7	12 113,1
Iron and steel ²	-	212,6	-	3 717,5	13,5	3 943,6
Non-metallic minerals	-	2 845,6	4 999,8	226,2	-	8 071,6
Food, beverages and tobacco	70,9	-	-	-	21,2	92,1
Not elsewhere specified (Industry)	5,9	-	-	-	-	5,9
Other	23,5	-	22,4	-	-	45,9
Commercial and public services	23,5	-	6,8	-	-	30,3
Residential	-	-	15,6	-	-	15,6

² Including non-ferrous metals

SUPPLY AND CONSUMPTION OF COAL, 2014

(Thousand tonnes of oil equivalent)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke	Patent fuel	Total
Production	-	-	121,5	-	-	121,5
Imports	2,7	73,0	-	91,6	0,8	168,3
Exports	-	-	1,0	-	-	1,0
Stock Changes	-0,4	-	0,0	2,6	-	2,2
Domestic Supply	2,4	73,0	120,4	94,2	0,8	290,9
Available	2,4	73,0	120,4	94,2	0,8	290,9
Transfers	-	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0	0,0
Energy Sector	-	-	0,5	-	-	0,5
Coal Mines	-	-	0,5	-	-	0,5
FINAL CONSUMPTION	2,4	73,0	120,0	94,2	0,8	290,4
Industry	1,8	73,0	119,4	94,2	0,8	289,3
Iron and steel ³	-	5,1	-	88,8	0,3	94,2
Non-metallic minerals	-	68,0	119,4	5,4	-	192,8
Food, beverages and tobacco	1,7	-	-	-	0,5	2,2
Not elsewhere specified (Industry)	0,1	-	-	-	-	0,1
Other	0,6	-	0,5	-	-	1,1
Commercial and public services	0,6	-	0,2	-	-	0,7
Residential	-	-	0,4	-	-	0,4

³ Including non-ferrous metals

OIL AND OIL PRODUCTS



OIL AND OIL PRODUCTS

SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS, 2014

	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	42,6	-	-	-	-	-	-	-	-	-	-	-	-
Imports	10,1	18,1	373,9	78,2	0,1	522,9	6,7	13,9	-	18,2	86,3	2,1	0,2
Exports	51,3	-	1,0	-	-	0,1	-	12,3	-	1,2	-	1,6	-
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-	-	-
Stock Changes	-1,5	0,0	8,4	2,9	-	-9,5	-0,6	-	-	-0,2	-4,6	-	-
DOMESTIC SUPPLY	-	18,1	381,4	81,1	0,1	513,2	6,2	1,6	-	16,8	81,7	0,5	0,2
Transfers	-	-	-	-	-	-	-	-	-	-	-	-	-
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
FINAL CONSUMPTION	-	18,1	381,4	81,1	0,1	513,2	6,2	1,6	-	16,8	81,7	0,5	0,2
Industry	-	0,0	-	-	0,0	-	0,3	0,5	-	-	-	-	-
Iron and steel ¹	-	0,0	-	-	-	-	0,3	-	-	-	-	-	-
Chemical (including petrochemical)	-	-	-	-	0,0	-	-	-	-	-	-	-	-
Non-metallic minerals	-	0,0	-	-	-	-	-	0,3	-	-	-	-	-
Mining and quarrying	-	0,0	-	-	-	-	0,0	-	-	-	-	-	-
Food, beverages and tobacco	-	0,0	-	-	-	-	0,0	0,0	-	-	-	-	-
Wood and wood products	-	0,0	-	-	-	-	0,0	-	-	-	-	-	-
Construction	-	0,0	-	-	-	-	-	0,2	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	0,0	-	-	-	-	-
Transport	-	2,1	380,6	81,1	-	508,5	-	0,4	-	-	-	-	-

¹ Include 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)
International aviation	-	-	-	80,3	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	0,8	-	-	-	-	-	-	-	-	-
Road	-	2,1	380,6	-	-	497,8	-	-	-	-	-	-	-
Rail	-	-	-	-	-	10,0	-	0,4	-	-	-	-	-
Domestic navigation	-	-	-	-	-	0,7	-	-	-	-	-	-	-
Other	-	16,0	0,8	-	0,1	4,7	5,8	0,6	-	-	-	-	-
Commercial and public services	-	0,3	-	-	-	-	5,8	0,6	-	-	-	-	-
Residential	-	15,7	-	-	0,1	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	0,0	0,8	-	-	4,7	-	-	-	-	-	-	-
Non-energy use	-	-	-	-	-	-	-	-	-	16,8	81,7	0,5	0,2
Energy sector	-	-	-	-	-	-	-	-	-	2,6	-	-	-
Transport sector	-	-	-	-	-	-	-	-	-	12,9	-	-	-
Road	-	-	-	-	-	-	-	-	-	12,6	-	-	-
Rail	-	-	-	-	-	-	-	-	-	0,1	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	0,1	-	-	-
Industry sector	-	-	-	-	-	-	-	-	-	1,4	81,7	0,5	0,2
Iron and steel ²	-	-	-	-	-	-	-	-	-	0,6	-	-	-
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	0,0	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	0,0	3,6	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	0,5	0,3	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	0,0	-	-	-

² 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)
Construction	-	-	-	-	-	-	-	-	-	0,2	77,9	-	-
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	0,1	-	0,5	0,2

SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS, 2014

(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	1 811,8	-	-	-	-	-	-	-	-	-	-	-	-	1 811,8
Imports	430,7	815,4	16 453,6	3 379,1	4,4	22 656,3	292,3	581,7	-	690,3	3 280,0	79,4	7,3	48 670,6
Exports	2 178,2	-	41,8	-	-	5,8	-	516,2	-	45,7	-	62,2	-	2 849,9
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stock Changes	-64,4	1,2	370,0	125,0	-	-413,2	-25,6	-	-	-6,2	-175,0	-	-	-188,1
DOMESTIC SUPPLY	-	816,7	16 781,8	3 504,1	4,4	22 237,2	266,7	65,5	-	638,4	3 105,1	17,1	7,3	47 444,3
Available	-	816,7	16 781,8	3 504,1	4,4	22 237,2	266,7	65,5	-	638,4	3 105,1	17,1	7,3	47 444,3
Transfers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0,0
FINAL CONSUMPTION	-	816,7	16 781,8	3 504,1	4,4	22 237,2	266,7	65,5	-	638,4	3 105,1	17,1	7,3	47 444,3
Industry	-	0,8	-	-	0,1	-	14,0	22,9	-	-	-	-	-	37,8
Iron and steel ³	-	0,1	-	-	-	-	13,9	-	-	-	-	-	-	14,0
Chemical (including petrochemical)	-	-	-	-	0,1	-	-	-	-	-	-	-	-	0,1
Non-metallic minerals	-	0,2	-	-	-	-	-	12,6	-	-	-	-	-	12,8
Mining and quarrying	-	0,1	-	-	-	-	0,0	-	-	-	-	-	-	0,1
Food, beverages and tobacco	-	0,1	-	-	-	-	0,0	0,2	-	-	-	-	-	0,3
Wood and wood products	-	-	-	-	-	-	0,1	-	-	-	-	-	-	0,1
Construction	-	0,3	-	-	-	-	-	8,9	-	-	-	-	-	9,3
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	1,2	-	-	-	-	-	1,2

³ Include 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
Transport	-	94,5	16 746,6	3 504,1	-	22 032,1	-	17,4	-	-	-	-	-	42 394,7
International aviation	-	-	-	3 469,7	-	-	-	-	-	-	-	-	-	3 469,7
Domestic aviation	-	-	-	34,4	-	-	-	-	-	-	-	-	-	34,4
Road	-	94,5	16 746,6	-	-	21 571,0	-	-	-	-	-	-	-	38 412,1
Rail	-	-	-	-	-	431,5	-	17,4	-	-	-	-	-	448,8
Domestic navigation	-	-	-	-	-	29,6	-	-	-	-	-	-	-	29,6
Other	-	721,4	35,2	-	4,3	205,1	252,7	25,1	-	-	-	-	-	1 243,9
Commercial and public services	-	13,5	-	-	-	-	252,7	25,1	-	-	-	-	-	291,4
Residential	-	707,3	-	-	4,3	-	-	-	-	-	-	-	-	711,6
Agriculture/forestry/fishing	-	0,6	35,2	-	-	205,1	-	-	-	-	-	-	-	240,9
Non-energy use	-	-	-	-	-	-	-	-	-	638,4	3 105,1	17,1	7,3	3 767,9
Energy sector	-	-	-	-	-	-	-	-	-	97,2	-	-	-	97,2
Transport sector	-	-	-	-	-	-	-	-	-	488,5	-	-	-	488,5
Road	-	-	-	-	-	-	-	-	-	480,7	-	-	-	480,7
Rail	-	-	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Domestic navigation	-	-	-	-	-	-	-	-	-	3,8	-	-	-	3,8
Industry sector	-	-	-	-	-	-	-	-	-	52,7	3 105,1	17,1	7,3	3 182,2
Iron and steel ⁴	-	-	-	-	-	-	-	-	-	24,1	-	-	-	24,1
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	0,2	-	-	-	0,2
Non-metallic minerals	-	-	-	-	-	-	-	-	-	0,7	136,6	-	-	137,4
Mining and quarrying	-	-	-	-	-	-	-	-	-	17,8	9,7	-	-	27,4
Wood and wood products	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0

⁴ 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
Construction	-	-	-	-	-	-	-	-	-	6,6	2 958,8	-	-	2 965,4
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	3,3	-	17,1	7,3	27,7

SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS, 2014

(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	43,3	-	-	-	-	-	-	-	-	-	-	-	-	43,3
Imports	10,3	19,5	393,0	80,7	0,1	541,1	7,0	13,9	-	16,5	78,3	1,9	0,2	1 162,5
Exports	52,0	-	1,0	-	-	0,1	-	12,3	-	1,1	-	1,5	-	68,1
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stock Changes	-1,5	0,0	8,8	3,0	-	-9,9	-0,6	-	-	-0,1	-4,2	-	-	-4,5
DOMESTIC SUPPLY	-	19,5	400,8	83,7	0,1	531,1	6,4	1,6	-	15,2	74,2	0,4	0,2	1 133,2
Available	-	19,5	400,8	83,7	0,1	531,1	6,4	1,6	-	15,2	74,2	0,4	0,2	1 133,2
Transfers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	0,0
FINAL CONSUMPTION	-	19,5	400,8	83,7	0,1	531,1	6,4	1,6	-	15,2	74,2	0,4	0,2	1 133,2
Industry	-	0,0	-	-	0,0	-	0,3	0,5	-	-	-	-	-	0,9
Iron and steel ⁵	-	0,0	-	-	-	-	0,3	-	-	-	-	-	-	0,3
Chemical (including petrochemical)	-	-	-	-	0,0	-	-	-	-	-	-	-	-	0,0
Non-metallic minerals	-	0,0	-	-	-	-	-	0,3	-	-	-	-	-	0,3
Mining and quarrying	-	0,0	-	-	-	-	0,0	-	-	-	-	-	-	0,0
Food, beverages and tobacco	-	0,0	-	-	-	-	0,0	0,0	-	-	-	-	-	0,0
Wood and wood products	-	-	-	-	-	-	0,0	-	-	-	-	-	-	0,0
Construction	-	0,0	-	-	-	-	-	0,2	-	-	-	-	-	0,2

⁵ 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
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	0,0	-	-	-	-	-	0,0
Transport	-	2,3	400,0	83,7	-	526,2	-	0,4	-	-	-	-	-	1 012,6
International aviation	-	-	-	82,9	-	-	-	-	-	-	-	-	-	82,9
Domestic aviation	-	-	-	0,8	-	-	-	-	-	-	-	-	-	0,8
Road	-	2,3	400,0	-	-	515,2	-	-	-	-	-	-	-	917,5
Rail	-	-	-	-	-	10,3	-	0,4	-	-	-	-	-	10,7
Domestic navigation	-	-	-	-	-	0,7	-	-	-	-	-	-	-	0,7
Other	-	17,2	0,8	-	0,1	4,9	6,0	0,6	-	-	-	-	-	29,7
Commercial and public services	-	0,3	-	-	-	-	6,0	0,6	-	-	-	-	-	7,0
Residential	-	16,9	-	-	0,1	-	-	-	-	-	-	-	-	17,0
Agriculture/forestry/fishing	-	0,0	0,8	-	-	4,9	-	-	-	-	-	-	-	5,8
Non-energy use	-	-	-	-	-	-	-	-	-	15,2	74,2	0,4	0,2	90,0
Energy sector	-	-	-	-	-	-	-	-	-	2,3	-	-	-	2,3
Transport sector	-	-	-	-	-	-	-	-	-	11,7	-	-	-	11,7
Road	-	-	-	-	-	-	-	-	-	11,5	-	-	-	11,5
Rail	-	-	-	-	-	-	-	-	-	0,1	-	-	-	0,1
Domestic navigation	-	-	-	-	-	-	-	-	-	0,1	-	-	-	0,1
Industry sector	-	-	-	-	-	-	-	-	-	1,3	74,2	0,4	0,2	76,0
Iron and steel ⁶	-	-	-	-	-	-	-	-	-	0,6	-	-	-	0,6
Chemical (including petrochemical)	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
Non-metallic minerals	-	-	-	-	-	-	-	-	-	0,0	3,3	-	-	3,3

⁶ 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
Mining and quarrying	-	-	-	-	-	-	-	-	-	0,4	0,2	-	-	0,7
Wood and wood products	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
Construction	-	-	-	-	-	-	-	-	-	0,2	70,7	-	-	70,8
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	0,1	-	0,4	0,2	0,7

BIOFUEL AND WASTE



SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE IN PHYSICAL UNITS, 2014

	Fuel wood (1000 m ³)	Pellets, briquettes, other solid fuels (1000 t)	Other vegetal materials and residual (1000 t)
Production	2 474,8	8,9	0,9
Imports	-	-	-
Exports	-	-	-
Stock Changes	-	-	-
DOMESTIC SUPPLY	2 474,8	8,9	0,9
Transfers	-	-	-
Statistical Differences	0,0	0,0	0,0
FINAL CONSUMPTION	2 474,8	8,9	0,9
Industry	1,7	-	0,0
Non-metallic minerals	0,0	-	-
Food, beverages and tobacco	1,6	-	0,0
Paper, pulp and printing	0,0	-	-
construction	0,1	-	-
Not elsewhere specified (Industry)	0,0	-	-
Other	2 473,1	8,9	0,9
Commercial and public services	40,2	0,6	-
Residential	2 432,8	8,2	0,9
Agriculture/forestry/fishing	0,1	-	-

SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE, 2014

(TJ)

	Fuel wood	Pellets, briquettes, other solid fuels	Other vegetal materials and residual	total
Production	19 303,2	159,7	7,3	19 470,2
Imports	-	-	-	-
Exports	-	-	-	-
Stock Changes	-	-	-	-
DOMESTIC SUPPLY	19 303,2	159,7	7,3	19 470,2
Available	19 303,2	159,7	7,3	19 470,2
Transfers	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0
FINAL CONSUMPTION	19 303,2	159,7	7,3	19 470,2
Industry	13,2	-	0,2	13,5
Non-metallic minerals	0,1	-	-	0,1
Food, beverages and tobacco	12,3	-	0,2	12,5
Paper, pulp and printing	0,1	-	-	0,1
construction	0,7	-	-	0,7
Not elsewhere specified (Industry)	0,1	-	-	0,1
Other	19 290,0	159,7	7,1	19 456,7
Commercial and public services	313,5	11,3	-	324,8
Residential	18 975,7	148,4	7,1	19 131,1
Agriculture/forestry/fishing	0,8	-	-	0,8

SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE, 2014

(Thousand tonnes of oil equivalent)

	Fuel wood	Pellets, briquettes, other solid fuels	Other vegetal materials and residual	Total
Production	461,0	3,8	0,2	465,0
Imports	-	-	-	-
Exports	-	-	-	-
Stock Changes	-	-	-	-
DOMESTIC SUPPLY	461,0	3,8	0,2	465,0
Available	461,0	3,8	0,2	465,0
Transfers	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0
FINAL CONSUMPTION	461,0	3,8	0,2	465,0
Industry	0,3	-	0,0	0,3
Non-metallic minerals	0,0	-	-	0,0
Food, beverages and tobacco	0,3	-	0,0	0,3
Paper, pulp and printing	0,0	-	-	0,0
construction	0,0	-	-	0,0
Not elsewhere specified (Industry)	0,0	-	-	0,0
Other	460,7	3,8	0,2	464,7
Commercial and public services	7,5	0,3	-	7,8
Residential	453,2	3,5	0,2	456,9
Agriculture/forestry/fishing	0,0	-	-	0,0

Notes

Some indicators of energy balance for 2013 were adjusted in 2014, namely:

Consumption of natural gas, 2013

	mIn. M ³
Transport sector	261,0
Road	261,0
Other sectors	707.9
Commercial and public services	132.5
Residential	573.6

	TJ
Transport sector	8 785,3
Road	8 785,3
Other sectors	23 827,0
Commercial and public services	4 460,8
Residential	19 307,4

	Thousand tonnes of oil equivalent
Transport sector	209,8
Road	209,8
Other sectors	569,1
Commercial and public services	106,5
Residential	461,1

Consumption of Electricity, 2013

	GWh
Other sectors	6 465,4
Commercial and public services	2 572,2
Residential	2 253,3

	TJ
Other sectors	23 275,4
Commercial and public services	9 259,9
Residential	8 111,9

	Thousand tonnes of oil equivalent
Other sectors	555,9
Commercial and public services	221,2
Residential	193,7