



ENERGY BALANCE OF GEORGIA



**Statistical Publication
2014**



NATIONAL STATISTICS OFFICE OF GEORGIA

ENERGY BALANCE OF GEORGIA

Statistical Publication

Tbilisi 2014

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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.

Statistical Publication

ENERGY BALANCE OF GEORGIA, 2013

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Foreword

The need for compilation of energy balance is linked to such important issues of global policy, as climate change and energy security. The publication includes statistical data for 2013.

Since 2013 the Geostat has set a goal to develop energy statistics in Georgia and create complete energy balance in compliance with international standards and methodology. It should be noted that the latest official energy balance was developed by the Statistics Office in 2002.

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 compilation of complete energy 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 statistical publication, prepared by Business Statistics Division of the National Statistics Office, is the first official energy balance in Georgia after 2002.

The publication is based on the declared data of various surveys conducted by the National Statistics Office during 2014. Different types of administrative data as well as expert assessments have been used in order to create the energy balance.

The publication is designed for various groups of users.

National Statistics Office of Georgia

Survey Program

In order to create complete energy balance in compliance with the international standards, from the beginning of 2014 with the assistance of experts of EU program INOGATE the Geostat developed methodology and survey questionnaires, ensuring collection of data required for the energy balance.

With the purpose of collection information needed for compilation of complete energy balance, the Geostat carried out several surveys during 2014; the surveys were conducted in two areas: in energy sector and final consumers.

In terms of data collection 20 types of questionnaires were developed, specialized by energy forms and institutional sectors. The questionnaires are presented in two groups. The first group is focused on the energy sector, and the second – on final consumers of energy forms.

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

With the aim of collecting information on the consumption of the energy forms the survey was conducted in all institutional sectors: non-financial corporations, financial corporations, non-profit institutions serving households, households and public administration.

From the sector of non-financial corporations (business sector) the annual, regular business survey was used to collect information on the consumption of the energy forms. The special attachments on energy consumption were supplemented to this survey questionnaire.

Stratified random sampling method was used for the survey; large-sized enterprises were surveyed at full coverage, while the medium and small-sized enterprises – by random sampling method. The sample size was approximately 12500 units. After collection and processing of

relevant information from the sampled enterprises, the data were weighed to the sampling frame.

From the sector of financial corporations the special survey was conducted in order to collect information on the consumption of the energy forms; the survey fully covered the banks operating in the country, micro-financial organizations and insurance companies.

For the study of the sector of non-profit institutions serving households the regular survey of non-profit institutions was used, supplemented by special attachments on energy consumption.

Stratified random sampling method was used for the survey of this sector; The sample size was approximately 400 units. As they were surveyed, the data were weighed and the results spread to the sampling frame of organizations in the relevant sector.

From the sector of households the regular survey of households, conducted by the Geostat on quarterly basis, was used to collect relevant information. The questionnaire of the survey was supplemented by special attachment on energy consumption.

Two-stage stratified random sampling method was used for the survey of the households; the sample size was approximately 3400 units. After they were surveyed, the data were weighed and the results spread to the sampling frame of households.

With the purpose of collecting information on the energy consumption of **public administration** sector, state institutions were surveyed at full coverage.

The survey covered the state institutions, ministries, legal entities of public law, central, local governing and self-governing bodies, public schools, etc. The number of respondents was identified as 2500 units.

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.

AGGREGATED ENERGY BALANCE OF GEORGIA

(TJ)

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc	Biofuel & Waste	Electricity	Heat	Total
Production	7 032,9	2 034,2	-	182,6	-	29 776,3	646,7	20 144,0	-	-	59 816,6
Imports	6 537,6	-	45 897,6	64 371,1	-	-	-	-	1 742,8	-	118 549,0
Exports	73,4	2 422,3	519,8	-	-	-	-	2,2	1 621,4	-	4 639,2
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock Changes	-278,6	388,1	-260,3	-	-	-	-	1,2	-	-	-149,6
DOMESTIC SUPPLY	13 218,4	-	45 117,4	64 553,7	-	29 776,3	646,7	20 142,9	121,4	-	173 576,9
Available	13 218,4	-	45 117,4	64 553,7	-	29 776,3	646,7	20 142,9	36 334,8	-	-
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	-	0,0	0,0	0,0	0,0	-	0,0
Transformation Sector - Input	-	-	-	16 981,5	-	29 776,3	-	-	-	-	46 757,9
MA Thermal Electricity Plants	-	-	-	16 981,5	-	-	-	-	-	-	16 981,5
MA Hydro Electricity Plants	-	-	-	-	-	29 776,3	-	-	-	-	29 776,3
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Transformation Sector - Production	-	-	-	-	-	-	-	-	36 213,4	-	36 213,4
MA Thermal Electricity Plants	-	-	-	-	-	-	-	-	6 437,1	-	6 437,1
MA Hydro Electricity Plants	-	-	-	-	-	-	-	-	29 776,3	-	29 776,3
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Energy Sector	24,1	-	-	-	-	-	-	-	769,3	-	793,5
Coal Mines	24,1	-	-	-	-	-	-	-	54,1	-	78,2
Oil and Gas Extraction	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-

AGGREGATED ENERGY BALANCE OF GEORGIA

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc	Biofuel & Waste	Electricity	Heat	Total
Own Use in Thermal Electricity Plants	-	-	-	-	-	-	-	-	327,4	-	327,4
Own Use in Hydro Electricity Plants	-	-	-	-	-	-	-	-	387,9	-	387,9
Used for Pumped Storage	-	-	-	-	-	-	-	-	-	-	-
Non-specified (Energy)	-	-	-	-	-	-	-	-	-	-	-
Distribution Losses	-	-	-	3 247,4	-	-	80,0	-	2 896,5	-	6 224,0
FINAL CONSUMPTION	13 194,3	-	45 117,4	44 324,7	-	-	566,7	20 142,9	32 669,0	-	156 015,0
Industry	13 160,4	-	2 925,1	2 914,3	-	-	-	8,8	8 378,2	-	27 386,8
Iron and steel ¹	442,4	-	7,6	255,8	-	-	-	-	5 219,1	-	5 924,9
Chemical (including petrochemical)	-	-	-	87,6	-	-	-	-	1 084,2	-	1 171,8
Non-ferrous metals	-	-	-	...	-	-	-	-	...	-	...
Non-metallic minerals	12 424,3	-	4,3	800,8	-	-	-	-	878,9	-	14 108,2
Transport equipment	-	-	-	26,4	-	-	-	-	37,6	-	63,9
Machinery	-	-	-	4,7	-	-	-	-	16,6	-	21,3
Mining and quarrying	-	-	513,5	9,3	-	-	-	-	-	-	522,8
Food, beverages and tobacco	292,2	-	-	1 361,6	-	-	-	8,8	639,6	-	2 302,1
Paper, pulp and printing	-	-	-	53,5	-	-	-	-	39,1	-	92,6
Wood and wood products	-	-	-	5,3	-	-	-	-	15,5	-	20,7
Construction	-	-	2 399,6	275,7	-	-	-	-	314,6	-	2 989,9
Textiles and leather	-	-	-	14,7	-	-	-	-	21,7	-	36,4
Not elsewhere specified (Industry)	1,6	-	-	19,0	-	-	-	-	111,4	-	132,0
Transport	-	-	37 342,2	1 965,0	-	-	-	-	1 015,2	-	40 322,5
International aviation	-	-	3 656,1	-	-	-	-	-	-	-	3 656,1

¹ Including non-ferrous metals

AGGREGATED ENERGY BALANCE OF GEORGIA

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc	Biofuel & Waste	Electricity	Heat	Total
Domestic aviation	-	-	30,6	-	-	-	-	-	-	-	30,6
Road	-	-	33 209,7	1 965,0	-	-	-	-	-	-	35 174,7
Rail	-	-	390,8	-	-	-	-	-	1 015,2	-	1 406,0
Domestic navigation	-	-	55,0	-	-	-	-	-	-	-	55,0
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
Other	33,9	-	1 229,6	30 647,2	-	-	566,7	20 134,2	23 275,5	-	75 887,1
Commercial and public services	18,8	-	192,8	2 871,2	-	-	335,4	333,6	4 325,6	-	8 077,4
Residential	15,1	-	647,7	27 717,2	-	-	231,3	19 798,8	13 046,3	-	61 456,4
Agriculture/forestry/fishing	-	-	389,1	58,8	-	-	-	1,8	124,6	-	574,3
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	5 779,0	-	5 779,0
Non-energy use	-	-	3 620,5	8 798,1	-	-	-	-	-	-	12 418,7
Transformation sector	-	-	-	-	-	-	-	-	-	-	-
Energy sector	-	-	97,2	-	-	-	-	-	-	-	97,2
Transport sector	-	-	435,8	-	-	-	-	-	-	-	435,8
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	429,8	-	-	-	-	-	-	-	429,8
Rail	-	-	4,0	-	-	-	-	-	-	-	4,0
Domestic navigation	-	-	2,0	-	-	-	-	-	-	-	2,0
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
Industry sector	-	-	3 087,5	8 798,1	-	-	-	-	-	-	11 885,6

AGGREGATED ENERGY BALANCE OF GEORGIA

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc	Biofuel & Waste	Electricity	Heat	Total
Iron and steel ²			18,0								18,0
Chemical (including petrochemical)	-	-	-	8 798,1	-	-	-	-	-	-	8 798,1
Non-ferrous metals	-	-	...	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	103,9	-	-	-	-	-	-	-	103,9
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	10,5	-	-	-	-	-	-	-	10,5
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	4,9	-	-	-	-	-	-	-	4,9
Construction	-	-	2 905,5	-	-	-	-	-	-	-	2 905,5
Textiles and leather	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	44,7	-	-	-	-	-	-	-	44,7
Other sectors	-	-	-	-	-	-	-	-	-	-	-
Commercial and public services	-	-	-	-	-	-	-	-	-	-	-
Residential	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-

² Including non-ferrous metals

AGGREGATED ENERGY BALANCE OF GEORGIA

(Thousand tonnes of oil equivalent)

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc	Biofuel & Waste	Electricity	Heat	Total
Production	168,0	48,6	-	4,4	-	711,2	15,4	481,1	-	-	1 428,7
Imports	156,1	-	1 096,2	1 537,5	-	-	-	-	41,6	-	2 831,5
Exports	1,8	57,9	12,4	-	-	-	-	0,1	38,7	-	110,8
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-
Stock Changes	-6,7	9,3	-6,2	-	-	-	-	0,0	-	-	-3,6
DOMESTIC SUPPLY	315,7	-	1 077,6	1 541,8	-	711,2	15,4	481,1	2,9	-	4 145,8
Available	315,7	-	1 077,6	1 541,8	-	711,2	15,4	481,1	867,8	-	-
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	-	0,0	0,0	0,0	0,0	-	0,0
Transformation Sector - Input	-	-	-	405,6	-	711,2	-	-	-	-	1 116,8
MA Thermal Electricity Plants	-	-	-	405,6	-	-	-	-	-	-	405,6
MA Hydro Electricity Plants	-	-	-	-	-	711,2	-	-	-	-	711,2
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Transformation Sector - Production	-	-	-	-	-	-	-	-	864,9	-	864,9
MA Thermal Electricity Plants	-	-	-	-	-	-	-	-	153,7	-	153,7
MA Hydro Electricity Plants	-	-	-	-	-	-	-	-	711,2	-	711,2
MA Heat Plants	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Energy Sector	0,6	-	-	-	-	-	-	-	18,4	-	19,0
Coal Mines	0,6	-	-	-	-	-	-	-	1,3	-	1,9
Oil and Gas Extraction	-	-	-	-	-	-	-	-	-	-	-
Petroleum Refineries	-	-	-	-	-	-	-	-	-	-	-
Own Use in Thermal Electricity Plants	-	-	-	-	-	-	-	-	7,8	-	7,8

AGGREGATED ENERGY BALANCE OF GEORGIA

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc	Biofuel & Waste	Electricity	Heat	Total
Own Use in Hydro Electricity Plants	-	-	-	-	-	-	-	-	9,3	-	9,3
Used for Pumped Storage	-	-	-	-	-	-	-	-	-	-	-
Non-specified (Energy)	-	-	-	-	-	-	-	-	-	-	-
Distribution Losses	-	-	-	77,6	-	-	1,9	-	69,2	-	148,7
FINAL CONSUMPTION	315,1	-	1 077,6	1 058,7	-	-	13,5	481,1	780,3	-	3 726,3
Industry	314,3	-	69,9	69,6	-	-	-	0,2	200,1	-	654,1
Iron and steel ³	10,6	-	0,2	6,1	-	-	-	-	124,7	-	141,5
Chemical (including petrochemical)	-	-	-	2,1	-	-	-	-	25,9	-	28,0
Non-ferrous metals	-	-	-	...	-	-	-	-	...	-	...
Non-metallic minerals	296,7	-	0,1	19,1	-	-	-	-	21,0	-	337,0
Transport equipment	-	-	-	0,6	-	-	-	-	0,9	-	1,5
Machinery	-	-	-	0,1	-	-	-	-	0,4	-	0,5
Mining and quarrying	-	-	12,3	0,2	-	-	-	-	-	-	12,5
Food, beverages and tobacco	7,0	-	-	32,5	-	-	-	0,2	15,3	-	55,0
Paper, pulp and printing	-	-	-	1,3	-	-	-	-	0,9	-	2,2
Wood and wood products	-	-	-	0,1	-	-	-	-	0,4	-	0,5
Construction	-	-	57,3	6,6	-	-	-	-	7,5	-	71,4
Textiles and leather	-	-	-	0,4	-	-	-	-	0,5	-	0,9
Not elsewhere specified (Industry)	0,0	-	-	0,5	-	-	-	-	2,7	-	3,2
Transport	-	-	891,9	46,9	-	-	-	-	24,2	-	963,1
International aviation	-	-	87,3	-	-	-	-	-	-	-	87,3
Domestic aviation	-	-	0,7	-	-	-	-	-	-	-	0,7
Road	-	-	793,2	46,9	-	-	-	-	-	-	840,1
Rail	-	-	9,3	-	-	-	-	-	24,2	-	33,6
Domestic navigation	-	-	1,3	-	-	-	-	-	-	-	1,3
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-

³ Including non-ferrous metals

AGGREGATED ENERGY BALANCE OF GEORGIA

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc	Biofuel & Waste	Electricity	Heat	Total
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
Other	0,8	-	29,4	732,0	-	-	13,5	480,9	555,9	0,0	1 812,5
Commercial and public services	0,4	-	4,6	68,6	-	-	8,0	8,0	103,3	-	192,9
Residential	0,4	-	15,5	662,0	-	-	5,5	472,9	311,6	-	1 467,9
Agriculture/forestry/fishing	-	-	9,3	1,4	-	-	-	0,0	3,0	-	13,7
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	138,0	-	138,0
Non-energy use	-	-	86,5	210,1	-	-	-	-	-	-	296,6
Transformation sector	-	-	-	-	-	-	-	-	-	-	-
Energy sector	-	-	2,3	-	-	-	-	-	-	-	2,3
Transport sector	-	-	10,4	-	-	-	-	-	-	-	10,4
International aviation	-	-	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	-	-	-	-	-	-	-	-
Road	-	-	10,3	-	-	-	-	-	-	-	10,3
Rail	-	-	0,1	-	-	-	-	-	-	-	0,1
Domestic navigation	-	-	0,0	-	-	-	-	-	-	-	0,0
Pipeline transport	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Transport)	-	-	-	-	-	-	-	-	-	-	-
Industry sector	-	-	73,7	210,1	-	-	-	-	-	-	283,9
Iron and steel ⁴	-	-	0,4	-	-	-	-	-	-	-	0,4
Chemical (including petrochemical)	-	-	-	210,1	-	-	-	-	-	-	210,1
Non-ferrous metals	-	-	...	-	-	-	-	-	-	-	-
Non-metallic minerals	-	-	2,5	-	-	-	-	-	-	-	2,5
Transport equipment	-	-	-	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-	-	-	-

⁴ Including non-ferrous metals

AGGREGATED ENERGY BALANCE OF GEORGIA

	Coal	Crude Oil	Oil products	Natural Gas	Nuclear	Hydro	Geothermal, solar etc	Biofuel & Waste	Electricity	Heat	Total
Mining and quarrying	-	-	0,3	-	-	-	-	-	-	-	0,3
Food, beverages and tobacco	-	-	-	-	-	-	-	-	-	-	-
Paper, pulp and printing	-	-	-	-	-	-	-	-	-	-	-
Wood and wood products	-	-	0,1	-	-	-	-	-	-	-	0,1
Construction	-	-	69,4	-	-	-	-	-	-	-	69,4
Textiles and leather	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Industry)	-	-	1,1	-	-	-	-	-	-	-	1,1
Other sectors	-	-	-	-	-	-	-	-	-	-	-
Commercial and public services	-	-	-	-	-	-	-	-	-	-	-
Residential	-	-	-	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	-	-	-	-	-	-	-	-	-	-
Not elsewhere specified (Other)	-	-	-	-	-	-	-	-	-	-	-

ELECTRICITY AND HEAT



SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT

	Hydro (GWh)	Geothermal (TJ)	Solar (TJ)	Electricity (GWh)
Production	8 271,2	600,0	46,7	10 059,3
Imports	-	-	-	484,1
Exports	-	-	-	450,4
Stock Changes	-	-	-	-
DOMESTIC SUPPLY	8 271,2	600,0	46,7	10 093,0
Transfers	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0
Transformation Sector - Input	8 271,2	-	-	-
MA Hydro Electricity Plants	8 271,2	-	-	-
Transformation Sector - Production	-	-	-	10 059,3
MA Thermal Electricity Plants	-	-	-	1 788,1
MA Hydro Electricity Plants	-	-	-	8 271,2
Energy Sector	-	-	-	213,7
Coal Mines	-	-	-	15,0
Own Use in Thermal Electricity Plants	-	-	-	90,9
Own Use in Hydro Electricity Plants	-	-	-	107,7
Distribution Losses	-	80,0	-	804,6
FINAL CONSUMPTION	-	520,0	46,7	9 074,7
Industry	-	-	-	2 327,3
Iron and steel ¹	-	-	-	1 449,8
Chemical (including petrochemical)	-	-	-	301,2
Non-ferrous metals	-	-	-	...
Non-metallic minerals	-	-	-	244,1
Transport equipment	-	-	-	10,4
Machinery	-	-	-	4,6
Mining and quarrying	-	-	-	-
Food, beverages and tobacco	-	-	-	177,7
Paper, pulp and printing	-	-	-	10,9
Wood and wood products	-	-	-	4,3
Construction	-	-	-	87,4
Textiles and leather	-	-	-	6,0
Not elsewhere specified (Industry)	-	-	-	30,9
Transport	-	-	-	282,0
Rail	-	-	-	282,0
Other	-	520,0	46,7	6 465,4

¹ Including non-ferrous metals

ELECTRICITY AND HEAT

	Hydro (GWh)	Geothermal (TJ)	Solar (TJ)	Electricity (GWh)
Commercial and public services	-	312,0	23,4	1 201,6
Residential	-	208,0	23,3	3 624,0
Agriculture/forestry/fishing	-	-	-	34,6
Not elsewhere specified (Other)	-	-	-	1 605,3

SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT (TJ)

	Hydro	Geothermal	Solar	Electricity	Total
Production	29 776,3	600,0	46,7	-	30 423,0
Imports	-	-	-	1 742,8	1 742,8
Exports	-	-	-	1 621,4	1 621,4
Stock Changes	-	-	-	-	-
DOMESTIC SUPPLY	29 776,3	600,0	46,7	121,4	30 544,5
Available	29 776,3	600,0	46,7	36 334,8	-
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
Transformation Sector - Input	29 776,3	-	-	-	29 776,3
MA Hydro Electricity Plants	29 776,3	-	-	-	29 776,3
Transformation Sector - Production	-	-	-	36 213,4	36 213,4
MA Thermal Electricity Plants	-	-	-	6 437,1	6 437,1
MA Hydro Electricity Plants	-	-	-	29 776,3	29 776,3
Energy Sector	-	-	-	769,3	769,3
Coal Mines	-	-	-	54,1	54,1
Own Use in Thermal Electricity Plants	-	-	-	327,4	327,4
Own Use in Hydro Electricity Plants	-	-	-	387,9	387,9
Distribution Losses	-	80,0	-	2 896,5	2 976,5
FINAL CONSUMPTION	-	520,0	46,7	32 669,0	33 235,7
Industry	-	-	-	8 378,2	8 378,2
Iron and steel ²	-	-	-	5 219,1	5 219,1
Chemical (including petrochemical)	-	-	-	1 084,2	1 084,2
Non-ferrous metals	-	-	-
Non-metallic minerals	-	-	-	878,9	878,9
Transport equipment	-	-	-	37,6	37,6
Machinery	-	-	-	16,6	16,6

² Including non-ferrous metals

ELECTRICITY AND HEAT

	Hydro	Geothermal	Solar	Electricity	Total
Mining and quarrying	-	-	-	-	-
Food, beverages and tobacco	-	-	-	639,6	639,6
Paper, pulp and printing	-	-	-	39,1	39,1
Wood and wood products	-	-	-	15,5	15,5
Construction	-	-	-	314,6	314,6
Textiles and leather	-	-	-	21,7	21,7
Not elsewhere specified (Industry)	-	-	-	111,4	111,4
Transport	-	-	-	1 015,2	1 015,2
Rail	-	-	-	1 015,2	1 015,2
Other	-	520,0	46,7	23 275,5	23 842,2
Commercial and public services	-	312,0	23,4	4 325,6	4 661,0
Residential	-	208,0	23,3	13 046,3	13 277,6
Agriculture/forestry/fishing	-	-	-	124,6	124,6
Not elsewhere specified (Other)	-	-	-	5 779,0	5 779,0

SUPPLY AND CONSUMPTION OF ELECTRICITY AND HEAT

(thousand tonnes of oil equivalent)

	Hydro	Geothermal	Solar	Electricity	Total
Production	711,2	14,3	1,1	-	726,6
Imports	-	-	-	41,6	41,6
Exports	-	-	-	38,7	38,7
Stock Changes	-	-	-	-	-
DOMESTIC SUPPLY	711,2	14,3	1,1	2,9	729,5
Available	711,2	14,3	1,1	867,8	-
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
Transformation Sector - Input	711,2	-	-	-	711,2
MA Hydro Electricity Plants	711,2	-	-	-	711,2
Transformation Sector - Production	-	-	-	864,9	864,9
MA Thermal Electricity Plants	-	-	-	153,7	153,7
MA Hydro Electricity Plants	-	-	-	711,2	711,2
Energy Sector	-	-	-	18,4	18,4
Coal Mines	-	-	-	1,3	1,3
Own Use in Thermal Electricity Plants	-	-	-	7,8	7,8
Own Use in Hydro Electricity Plants	-	-	-	9,3	9,3
Distribution Losses	-	1,9	-	69,2	71,1

ELECTRICITY AND HEAT

	Hydro	Geothermal	Solar	Electricity	Total
FINAL CONSUMPTION	-	12,4	1,1	780,3	793,8
Industry	-	-	-	200,1	200,1
Iron and steel ³	-	-	-	124,7	124,7
Chemical (including petrochemical)	-	-	-	25,9	25,9
Non-ferrous metals	-	-	-
Non-metallic minerals	-	-	-	21,0	21,0
Transport equipment	-	-	-	0,9	0,9
Machinery	-	-	-	0,4	0,4
Mining and quarrying	-	-	-	-	-
Food, beverages and tobacco	-	-	-	15,3	15,3
Paper, pulp and printing	-	-	-	0,9	0,9
Wood and wood products	-	-	-	0,4	0,4
Construction	-	-	-	7,5	7,5
Textiles and leather	-	-	-	0,5	0,5
Not elsewhere specified (Industry)	-	-	-	2,7	2,7
Transport	-	-	-	24,2	24,2
Rail	-	-	-	24,2	24,2
Other	-	12,4	1,1	555,9	569,5
Commercial and public services	-	7,5	0,6	103,3	111,3
Residential	-	5,0	0,6	311,6	317,1
Agriculture/forestry/fishing	-	-	-	3,0	3,0
Not elsewhere specified (Other)	-	-	-	138,0	138,0

³ Including non-ferrous metals

NATURAL GAS



SUPPLY AND CONSUMPTION OF NATURAL GAS

	Natural Gas (mil. m ³)
Production	5,4
Imports	1 912,4
Exports	-
Stock Changes	-
DOMESTIC SUPPLY	1 917,8
Transfers	-
Statistical Differences	0,0
Transformation Sector - Input	504,5
MA Thermal Electricity Plants	504,5
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
Distribution Losses	96,5
FINAL CONSUMPTION	1 316,8
Industry	86,6
Iron and steel ¹	7,6
Chemical (including petrochemical)	2,6
Non-ferrous metals	...
Non-metallic minerals	23,8
Transport equipment	0,8
Machinery	0,1
Mining and quarrying	0,3
Food, beverages and tobacco	40,5
Paper, pulp and printing	1,6
Wood and wood products	0,2
Construction	8,2
Textiles and leather	0,4
Not elsewhere specified (Industry)	0,6
Transport	58,4
Road	58,4
Other	910,5
Commercial and public services	85,3
Residential	823,4
Agriculture/forestry/fishing	1,7
Non-energy use	261,4

¹ Including non-ferrous metals

	Natural Gas (mil. m ³)
Industry sector	261,4
Chemical (including petrochemical)	261,4

SUPPLY AND CONSUMPTION OF NATURAL GAS

(TJ)

	Natural Gas
Production	182,6
Imports	64 371,1
Exports	-
Stock Changes	-
DOMESTIC SUPPLY	64 553,7
Available	64 553,7
Transfers	-
Statistical Differences	0,0
Transformation Sector - Input	16 981,5
MA Thermal Electricity Plants	16 981,5
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
Distribution Losses	3 247,4
FINAL CONSUMPTION	44 324,7
Industry	2 914,3
Iron and steel ²	255,8
Chemical (including petrochemical)	87,6
Non-ferrous metals	...
Non-metallic minerals	800,8
Transport equipment	26,4
Machinery	4,7
Mining and quarrying	9,3
Food, beverages and tobacco	1 361,6
Paper, pulp and printing	53,5
Wood and wood products	5,3
Construction	275,7

² Including non-ferrous metals

	Natural Gas
Textiles and leather	14,7
Not elsewhere specified (Industry)	19,0
Transport	1 965,0
Road	1 965,0
Other	30 647,2
Commercial and public services	2 871,2
Residential	27 717,2
Agriculture/forestry/fishing	58,8
Not elsewhere specified (Other)	-
Non-energy use	8 798,1
Industry sector	8 798,1
Chemical (including petrochemical)	8 798,1

SUPPLY AND CONSUMPTION OF NATURAL GAS
(Thousand tonnes of oil equivalent)

	Natural Gas
Production	4,4
Imports	1 537,5
Exports	-
Stock Changes	-
DOMESTIC SUPPLY	1 541,8
Available	1 541,8
Transfers	-
Statistical Differences	-
Transformation Sector - Input	405,6
MA Thermal Electricity Plants	405,6
MA Hydro Electricity Plants	-
MA Heat Plants	-
Petroleum Refineries	-
Distribution Losses	77,6
FINAL CONSUMPTION	1 058,7
Industry	69,6
Iron and steel ³	6,1
Chemical (including petrochemical)	2,1
Non-ferrous metals	...

³ Including non-ferrous metals

NATURAL GAS

	Natural Gas
Non-metallic minerals	19,1
Transport equipment	0,6
Machinery	0,1
Mining and quarrying	0,2
Food, beverages and tobacco	32,5
Paper, pulp and printing	1,3
Wood and wood products	0,1
Construction	6,6
Textiles and leather	0,4
Not elsewhere specified (Industry)	0,5
Transport	46,9
Road	46,9
Other	732,0
Commercial and public services	68,6
Residential	662,0
Agriculture/forestry/fishing	1,4
Not elsewhere specified (Other)	-
Non-energy use	210,1
Industry sector	210,1
Chemical (including petrochemical)	210,1

COAL



SUPPLY AND CONSUMPTION OF COAL

(Thousand tonnes)

	Anthracite	Other Bit. Coal	Lignite /Brown Coal	Coke Oven Coke
Production	-	-	404,2	-
Imports	7,9	70,4	-	155,1
Exports	-	-	4,2	-
Stock Changes	-	-	0,5	-9,8
DOMESTIC SUPPLY	7,9	70,4	400,5	145,3
Transfers	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0
Energy Sector	-	-	1,4	-
Coal Mines	-	-	1,4	-
FINAL CONSUMPTION	7,9	70,4	399,1	145,3
Industry	7,5	70,4	397,9	145,3
Iron and steel ¹	-	1,0	0,8	13,8
Non-metallic minerals	-	69,4	392,8	131,5
Food, beverages and tobacco	7,4	-	4,3	-
Not elsewhere specified (Industry)	0,1	-	-	-
Other	0,4	-	1,2	-
Commercial and public services	0,4	-	0,3	-
Residential	-	-	0,9	-

¹ Including non-ferrous metals

SUPPLY AND CONSUMPTION OF COAL

(TJ)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke	Total
Production	-	-	7 032,9	-	7 032,9
Imports	231,9	1 760,0	-	4 545,7	6 537,6
Exports	-	-	73,4	-	73,4
Stock Changes	-	-	9,4	-288,0	-278,6
DOMESTIC SUPPLY	231,9	1 760,0	6 968,8	4 257,7	13 218,4
Available	231,9	1 760,0	6 968,8	4 257,7	13 218,4
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
Energy Sector	-	-	24,1	-	24,1
Coal Mines	-	-	24,1	-	24,1
FINAL CONSUMPTION	231,9	1 760,0	6 944,7	4 257,7	13 194,3
Industry	219,0	1 760,0	6 923,8	4 257,7	13 160,4
Iron and steel ²	-	25,0	13,6	403,8	442,4
Non-metallic minerals	-	1 735,0	6 835,4	3 853,9	12 424,3
Food, beverages and tobacco	217,3	-	74,8	-	292,2
Not elsewhere specified (Industry)	1,6	-	-	-	1,6
Other	13,0	-	20,9	-	33,9
Commercial and public services	13,0	-	5,8	-	18,8
Residential	-	-	15,1	-	15,1

² Including non-ferrous metals

SUPPLY AND CONSUMPTION OF COAL

(Thousand tonnes of oil equivalent)

	Anthracite	Other Bit. Coal	Lignite/ Brown Coal	Coke Oven Coke	Total
Production	-	-	168,0	-	168,0
Imports	5,5	42,0	-	108,6	156,1
Exports	-	-	1,8	-	1,8
Stock Changes	-	-	0,2	-6,9	-6,7
Domestic Supply	5,5	42,0	166,4	101,7	315,7
Available	5,5	42,0	166,4	101,7	315,7
Transfers	-	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0	0,0
Energy Sector	-	-	0,6	-	0,6
Coal Mines	-	-	0,6	-	0,6
FINAL CONSUMPTION	5,5	42,0	165,9	101,7	315,1
Industry	5,2	42,0	165,4	101,7	314,3
Iron and steel ³	-	0,6	0,3	9,6	10,6
Non-metallic minerals	-	41,4	163,3	92,0	296,7
Food, beverages and tobacco	5,2	-	1,8	-	7,0
Not elsewhere specified (Industry)	0,0	-	-	-	0,0
Other	0,3	-	0,5	-	0,8
Commercial and public services	0,3	-	0,1	-	0,4
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

	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	47,9	-	-	-	-	-	-	-	-	-	-	-	-
Imports	-	16,9	376,2	88,1	0,4	475,6	3,8	5,0	-	17,3	78,0	3,6	0,5
Exports	57,0	-	1,7	-	-	0,3	-	4,7	-	2,3	1,0	2,9	-
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-	-	-
Stock Changes	9,1	-0,3	8,3	-2,8	-	-14,3	-	1,2	-	-	2,0	-	-
DOMESTIC SUPPLY	-	16,6	382,9	85,3	0,4	461,0	3,8	1,5	-	15,0	79,1	0,7	0,5
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	-	16,6	382,9	85,3	0,4	461,0	3,8	1,5	-	15,0	79,1	0,7	0,5
Industry	-	-	8,5	-	0,2	57,5	0,3	0,8	-	-	-	-	-
Iron and steel ¹	-	-	-	-	-	-	0,2	-	-	-	-	-	-
Non-metallic minerals	-	-	-	-	0,1	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	0,1	-	-	11,7	-	-	-	-	-	-	-
Construction	-	-	8,4	-	0,1	45,8	0,1	0,8	-	-	-	-	-
Transport	-	2,1	373,5	85,3	-	395,3	-	-	-	-	-	-	-
International aviation	-	-	-	84,6	-	-	-	-	-	-	-	-	-
Domestic aviation	-	-	-	0,7	-	-	-	-	-	-	-	-	-
Road	-	2,1	373,5	-	-	385,0	-	-	-	-	-	-	-
Rail	-	-	-	-	-	9,0	-	-	-	-	-	-	-
Domestic navigation	-	-	-	-	-	1,3	-	-	-	-	-	-	-
Other	-	14,5	0,8	-	0,2	8,1	3,5	0,6	-	-	-	-	-

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)
Commercial and public services	-	0,3	-	-	-	-	3,5	0,6	-	-	-	-	-
Residential	-	14,2	-	-	0,2	-	-	-	-	-	-	-	-
Agriculture/forestry/fishing	-	-	0,8	-	-	8,1	-	-	-	-	-	-	-
Non-energy use	-	-	-	-	-	-	-	-	-	15,0	79,1	0,7	0,5
Energy sector	-	-	-	-	-	-	-	-	-	2,6	-	-	-
Transport sector	-	-	-	-	-	-	-	-	-	11,5	-	-	-
Road	-	-	-	-	-	-	-	-	-	11,3	-	-	-
Rail	-	-	-	-	-	-	-	-	-	0,1	-	-	-
Domestic navigation	-	-	-	-	-	-	-	-	-	0,1	-	-	-
Industry sector	-	-	-	-	-	-	-	-	-	1,0	79,1	0,7	0,5
Iron and steel ²	-	-	-	-	-	-	-	-	-	0,5	-	-	-
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	2,7	-	-
Mining and quarrying	-	-	-	-	-	-	-	-	-	0,3	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-	-	0,1	-	-	-
Construction	-	-	-	-	-	-	-	-	-	0,1	76,3	-	-
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-	0,7	0,5

² Including non-ferrous metals

OIL AND OIL PRODUCTS

SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS

(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	2 034,2	-	-	-	-	-	-	-	-	-	-	-	-	2 034,2
Imports	-	761,4	16 554,6	3 806,8	17,3	20607,0	165,6	207,7	-	657,9	2 965,8	135,7	17,8	45897,6
Exports	2 422,3	-	74,8	-	-	13,3	-	197,7	-	87,2	38,0	108,8	-	2942,1
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stock Changes	388,1	-15,4	366,2	-120,1	-	-620,2	-	51,9	-	-	77,3	-	-	127,8
DOMESTIC SUPPLY	-	746,0	16 846,0	3 686,7	17,3	19973,4	165,6	61,9	-	570,7	3 005,1	26,9	17,8	45117,4
Available	-	746,0	16 846,0	3 686,7	17,3	19973,4	165,6	61,9	-	570,7	3 005,1	26,9	17,8	45117,4
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	-	746,0	16 846,0	3 686,7	17,3	19973,4	165,6	61,9	-	570,7	3 005,1	26,9	17,8	45117,4
Industry	-	-	375,1	-	8,6	2 493,2	12,9	35,2	-	-	-	-	-	2 925,1
Iron and steel ³	-	-	-	-	-	-	7,6	-	-	-	-	-	-	7,6
Non-metallic minerals	-	-	-	-	4,3	-	-	-	-	-	-	-	-	4,3
Mining and quarrying	-	-	4,8	-	-	508,7	-	-	-	-	-	-	-	513,5
Construction	-	-	370,4	-	4,3	1 984,5	5,3	35,2	-	-	-	-	-	2 399,6
Transport	-	93,6	16 434,6	3 686,7	-	17127,3	-	-	-	-	-	-	-	37342,2
International aviation	-	-	-	3 656,1	-	-	-	-	-	-	-	-	-	3 656,1
Domestic aviation	-	-	-	30,6	-	-	-	-	-	-	-	-	-	30,6
Road	-	93,6	16 434,6	-	-	16681,6	-	-	-	-	-	-	-	33209,7
Rail	-	-	-	-	-	390,8	-	-	-	-	-	-	-	390,8
Domestic navigation	-	-	-	-	-	55,0	-	-	-	-	-	-	-	55,0

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
Other	-	652,4	36,2	-	8,6	352,9	152,7	26,7	-	-	-	-	-	1 229,6
Commercial and public services	-	13,4	-	-	-	-	152,7	26,7	-	-	-	-	-	192,8
Residential	-	639,0	-	-	8,6	-	-	-	-	-	-	-	-	647,7
Agriculture/forestry/fishing	-	-	36,2	-	-	352,9	-	-	-	-	-	-	-	389,1
Non-energy use	-	-	-	-	-	-	-	-	-	570,7	3 005,1	26,9	17,8	3 620,5
Energy sector	-	-	-	-	-	-	-	-	-	97,2	-	-	-	97,2
Transport sector	-	-	-	-	-	-	-	-	-	435,8	-	-	-	435,8
Road	-	-	-	-	-	-	-	-	-	429,8	-	-	-	429,8
Rail	-	-	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Domestic navigation	-	-	-	-	-	-	-	-	-	2,0	-	-	-	2,0
Industry sector	-	-	-	-	-	-	-	-	-	37,6	3 005,1	26,9	17,8	3 087,5
Iron and steel ⁴	-	-	-	-	-	-	-	-	-	18,0	-	-	-	18,0
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	103,9	-	-	103,9
Mining and quarrying	-	-	-	-	-	-	-	-	-	10,5	-	-	-	10,5
Wood and wood products	-	-	-	-	-	-	-	-	-	4,9	-	-	-	4,9
Construction	-	-	-	-	-	-	-	-	-	4,2	2 901,3	-	-	2 905,5
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-	26,9	17,8	44,7

⁴ Including non-ferrous metals

SUPPLY AND CONSUMPTION OF OIL AND OIL PRODUCTS

(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	48,6	-	-	-	-	-	-	-	-	-	-	-	-	48,6
Imports	-	18,2	395,4	90,9	0,4	492,2	4,0	5,0	-	15,7	70,8	3,2	0,4	1096,2
Exports	57,9	-	1,8	-	-	0,3	-	4,7	-	2,1	0,9	2,6	-	70,3
International Marine Bunkers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stock Changes	9,3	-0,4	8,7	-2,9	-	-14,8	-	1,2	-	-	1,8	-	-	3,1
DOMESTIC SUPPLY	-	17,8	402,4	88,1	0,4	477,1	4,0	1,5	-	13,6	71,8	0,6	0,4	1077,6
Available	-	17,8	402,4	88,1	0,4	477,1	4,0	1,5	-	13,6	71,8	0,6	0,4	1077,6
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	-	17,8	402,4	88,1	0,4	477,1	4,0	1,5	-	13,6	71,8	0,6	0,4	1077,6
Industry	-	-	9,0	-	0,2	59,5	0,3	0,8	-	-	-	-	-	69,9
Iron and steel ⁵	-	-	-	-	-	-	0,2	-	-	-	-	-	-	0,2
Non-metallic minerals	-	-	-	-	0,1	-	-	-	-	-	-	-	-	0,1
Mining and quarrying	-	-	0,1	-	-	12,1	-	-	-	-	-	-	-	12,3
Construction	-	-	8,8	-	0,1	47,4	0,1	0,8	-	-	-	-	-	57,3
Transport	-	2,2	392,5	88,1	-	409,1	-	-	-	-	-	-	-	891,9
International aviation	-	-	-	87,3	-	-	-	-	-	-	-	-	-	87,3
Domestic aviation	-	-	-	0,7	-	-	-	-	-	-	-	-	-	0,7
Road	-	2,2	392,5	-	-	398,4	-	-	-	-	-	-	-	793,2
Rail	-	-	-	-	-	9,3	-	-	-	-	-	-	-	9,3
Domestic navigation	-	-	-	-	-	1,3	-	-	-	-	-	-	-	1,3

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
Other	-	15,6	0,9	-	0,2	8,4	3,6	0,6	-	-	-	-	-	29,4
Commercial and public services	-	0,3	-	-	-	-	3,6	0,6	-	-	-	-	-	4,6
Residential	-	15,3	-	-	0,2	-	-	-	-	-	-	-	-	15,5
Agriculture/forestry/fishing	-	-	0,9	-	-	8,4	-	-	-	-	-	-	-	9,3
Non-energy use	-	-	-	-	-	-	-	-	-	13,6	71,8	0,6	0,4	86,5
Energy sector	-	-	-	-	-	-	-	-	-	2,3	-	-	-	2,3
Transport sector	-	-	-	-	-	-	-	-	-	10,4	-	-	-	10,4
Road	-	-	-	-	-	-	-	-	-	10,3	-	-	-	10,3
Rail	-	-	-	-	-	-	-	-	-	0,1	-	-	-	0,1
Domestic navigation	-	-	-	-	-	-	-	-	-	0,0	-	-	-	0,0
Industry sector	-	-	-	-	-	-	-	-	-	0,9	71,8	0,6	0,4	73,7
Iron and steel ⁶	-	-	-	-	-	-	-	-	-	0,4	-	-	-	0,4
Non-metallic minerals	-	-	-	-	-	-	-	-	-	-	2,5	-	-	2,5
Mining and quarrying	-	-	-	-	-	-	-	-	-	0,3	-	-	-	0,3
Wood and wood products	-	-	-	-	-	-	-	-	-	0,1	-	-	-	0,1
Construction	-	-	-	-	-	-	-	-	-	0,1	69,3	-	-	69,4
Not elsewhere specified (Industry)	-	-	-	-	-	-	-	-	-	-	-	0,6	0,4	1,1

⁶ Including non-ferrous metals

BIOFUEL AND WASTE



SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE

	Fuel wood (1000 m ³)	Pellets, briquettes, other solid fuels (1000 t)	Other vegetal materials and residual (1000 t)
Production	2 543,0	16,3	1,8
Imports	-	-	-
Exports	-	0,1	-
Stock Changes	0,1	-	-
DOMESTIC SUPPLY	2 543,2	16,2	1,8
Transfers	-	-	-
Statistical Differences	0,0	0,0	0,0
FINAL CONSUMPTION	2 543,2	16,2	1,8
Industry	1,1	-	-
Food, beverages and tobacco	1,1	-	-
Other	2 542,1	16,2	1,8
Commercial and public services	41,3	0,6	
Residential	2 500,5	15,6	1,8
Agriculture/forestry/fishing	0,2	-	-

SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE

(TJ)

	Fuel wood	Pellets, briquettes, other solid fuels	Other vegetal materials and residual	total
Production	19 835,7	294,0	14,3	20 144,0
Imports	-	-	-	-
Exports	-	2,2	-	2,2
Stock Changes	1,2	-	-	1,2
DOMESTIC SUPPLY	19 836,8	291,7	14,3	20 142,9
Available	19 836,8	291,7	14,3	20 142,9
Transfers	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0
FINAL CONSUMPTION	19 836,8	291,7	14,3	20 142,9
Industry	8,8	-	-	8,8
Food, beverages and tobacco	8,8	-	-	8,8
Other	19 828,1	291,7	14,3	20 134,2
Commercial and public services	322,2	11,3	-	333,6
Residential	19 504,1	280,4	14,3	19 798,8
Agriculture/forestry/fishing	1,8	-	-	1,8

SUPPLY AND CONSUMPTION OF BIOFUEL AND WASTE

(Thousand tonnes of oil equivalent)

	Fuel wood	Pellets, briquettes, other solid fuels	Other vegetal materials and residual	Total
Production	473,8	7,0	0,3	481,1
Imports	-	-	-	-
Exports	-	0,1	-	0,1
Stock Changes	0,0	-	-	0,0
DOMESTIC SUPPLY	473,8	7,0	0,3	481,1
Available	473,8	7,0	0,3	481,1
Transfers	-	-	-	-
Statistical Differences	0,0	0,0	0,0	0,0
FINAL CONSUMPTION	473,8	7,0	0,3	481,1
Industry	0,2	-	-	0,2
Food, beverages and tobacco	0,2	-	-	0,2
Other	473,6	7,0	0,3	480,9
Commercial and public services	7,7	0,3		8,0
Residential	465,8	6,7	0,3	472,9
Agriculture/forestry/fishing	0,0	-	-	0,0