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## Periodical Part

### The energy balance of the Republic of Moldova ; 2013

#### Provided in Cooperation with:

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# **THE ENERGY BALANCE OF THE REPUBLIC OF MOLDOVA**

**STATISTICAL COMPILATION**

**2013**

**Chisinau, 2014**

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## METHODOLOGICAL NOTES

### 1. LEGAL FRAMEWORK

Under the Law on accession of the Republic of Moldova to the Energy Community Treaty no. 117-XVIII of 23.12.2009, Law on Energy No.1525-XIII of 19.02.1998 and to harmonize legislation on energy statistics of the Republic of Moldova to Regulation (EC) 1099/2008 of 22 October 2008 on energy statistics, as amended by Commission Regulation (EU) No. 147/2013 of 13 February 2013.

### 2. COVERAGE AND DATA SOURCE

Data on energy products and their aggregates are collected from annual surveys as follows:

- Specific statistical surveys addressed to producers and suppliers of electricity - 6th it; 23-H; PE.
- Specific research addressed to natural gas distributors - 1-Gas.
- Specific statistical research addressed to producers and traders of primary and transformed energy, distributors and final consumers -1-BE.
- other sources, including administrative sources (other directions of statistical production, of NBS, ANRE, ministries, etc.)

Data collection is exhaustive for units producing electric and thermal energy also for the largest consumers of energy. In research, according to data for 2013 were included 14,659 statistical units with juridical personality.

Specific statistical surveys are addressed to all economic agents, whatever of their field of activity, according to a catalog prepared by NBS and in the basis of Classification of Activities from national economy CAEM Rev.2. According to this classification, consumptions reported by businesses are grouped in:

- energy sector: CAEM Rev. 2. code 05, code 0892, code 06, code 0910, code 0721, code 19, code 35;
- industry and construction: CAEM Rev. 2. code 0710, code 0729, code 081, code 089, code 0990, code 10-43 (except code 19, code 35);
- transport: CAEM Rev.2. code 49, code 50, code 51;
- agriculture: CAEM Rev. 2. Code 01, Code 02, Code 03;
- other economy branches: *CAEM Rev.2. Section E, Section G (code 52, code 53), Section I, Section J, Section K, Section L, Section M, Section N, Section O, Section P, Section Q, Section R, Section S, Section T, Section U.*

Nomenclature of Goods, developed in accordance with the Harmonized Commodity Description and Coding System (HS-2007) and the Combined Nomenclature (CN). According to this nomenclature are classified imports and exports of energy products.

Nomenclature of industrial products and services PRODMOLD 2013. According to this nomenclature production (primary and transformed) of energy products is classified.

### 3. ENERGY PRODUCTS

Energy product	Definition
<b>1. Solid fossil fuels and manufactured gases</b>	
Anthracite	High rank coal used for industrial and residential applications. Generally, it has less than 10 % volatile matter and a high carbon content (about 90 % fixed carbon). Its gross calorific value is greater than 23 865 kJ/kg (5 700 kcal/kg), measured based on a mass of ash-free but moist coal.
Coking coal	Bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge. Its gross calorific value is greater than 23 865 kJ/kg (5 700 kcal/kg) on an ash-free but moist basis.
Other bituminous coal (steam coal)	Coal used for steam raising purposes and includes all bituminous coal that is neither included under coking coal nor anthracite. It is characterised by higher volatile matter than anthracite (more than 10 %) and lower carbon content (less than 90 % fixed carbon). Its gross calorific value is greater than 23 865 kJ/kg (5 700 kcal/kg) on an ash-free but moist basis. If bituminous coal is used in coke ovens it should be reported as coking coal.
Sub-bituminous Coal	Refers to non-agglomerating coal with a gross calorific value between 17 435 kJ/kg (4 165 kcal/kg) and 23 865 kJ/kg (5 700 kcal/kg) containing more than 31 % volatile matter on a dry mineral matter free basis.
Lignite/brown coal	Non-agglomerating coal with a gross calorific value less than 17 435 kJ/kg (4 165 kcal/kg) and greater than 31 % volatile matter on a dry mineral matter free basis. Oil shale and tar sands produced and combusted directly should be reported in this category. Oil shale and tar sands used as inputs for other transformation processes should also be reported in this category. This includes the portion of the oil shale or tar sands consumed in the transformation process. Shale oil and other products derived from liquefaction should be reported on the Annual Oil Questionnaire.
Coke oven coke	The solid product obtained from carbonisation of coal, principally coking coal, at high temperature, it is low in moisture and volatile matter. Coke oven coke is used mainly in the iron and steel industry acting as energy source and chemical agent. Coke breeze and foundry coke are included in this category. Semi-coke (a solid product obtained from carbonisation of coal at low temperature) should be included in this category. Semi-coke is used as a domestic fuel or by the transformation plant itself. This heading also includes coke, coke breeze and semi-coke made from lignite/brown coal.
Patent fuel	A composition fuel manufactured from hard coal fines with the addition of a binding agent. The amount of patent fuel produced may, therefore, be slightly higher than the actual amount of coal consumed in the transformation process.
Gasworks gas	Covers all types of gases produced in public utility or private plants, whose main purpose is manufacture, transport and distribution of gas. It includes gas produced by carbonisation (including gas produced by coke ovens and transferred to gasworks gas), by total gasification with or without enrichment with oil products (LPG, residual fuel oil, etc.), and by reforming and simple mixing of gases and/or air, reported under the rows 'from other sources'. Under the transformation sector identify amounts of gasworks gas transferred to blended natural gas which will be distributed and consumed through the natural gas grid. The production of other coal gases (i.e. coke oven gas, blast furnace gas and oxygen steel furnace gas) should be reported in the columns concerning such gases, and not as production of gasworks gas. The coal gases transferred to gasworks plants should then be reported (in their own column) in the transformation sector in the gasworks

	plants row. The total amount of gasworks gas resulting from transfers of other coal gases should appear in the production line for gasworks gas.
Coke oven gas	Obtained as a by-product of the manufacture of coke oven coke for the production of iron and steel.
Other gases recovered	It is a secondary product resulted from production of steel in oxygen furnaces, recovered on leaving from furnace. Gases are known as converter gas, LD gas or BOS gas. The amount of recovered fuel should be reported on a gross calorific value basis. It includes also not specified artificial gases which have not been mentioned above, such as fuel gases of solid carbonaceous origin recovered from chemical and manufacturing processes undefined otherwise.
Peat	A combustible soft, porous or compressed, sedimentary deposit of plant origin with high water content (up to 90 % in the raw state), easily cut, of light to dark brown colour. Peat used for non-energy purposes is not included. This definition is without prejudice to the definition of renewable energy sources in Directive 2001/77/EC and to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories.
<b>2. Natural gas</b>	
Natural gas	This data collection applies to natural gas, which comprises gases occurring in underground deposits, whether liquefied or gaseous, consisting mainly of methane. It includes both 'non-associated' gas originating from fields producing hydrocarbons only in gaseous form, and 'associated' gas produced in association with crude oil as well as methane recovered from coal mines (colliery gas) or from coal seams (coal seam gas). It does not include gases created by anaerobic digestion of biomass (e.g. municipal or sewage gas) nor gasworks gas.
<b>3. Oil and petroleum products</b>	
Crude oil	Crude oil is a mineral oil of natural origin comprising a mixture of hydrocarbons and associated impurities, such as sulphur. It exists in the liquid phase under normal surface temperature and pressure and its physical characteristics (density, viscosity, etc.) are highly variable. This category includes field or lease condensate recovered from associated and non-associated gas where it is commingled with the commercial crude oil stream.
NGL	NGL are liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants. Natural gas liquids include ethane, propane, butane (normal and iso-), (iso) pentane and pentanes plus (sometimes referred to as natural gasoline or plant condensate).
Refinery feedstocks	A refinery feedstock is a processed oil destined for further processing (e.g. straight run fuel oil or vacuum gas oil) excluding blending. With further processing, it will be transformed into one or more components and/or finished products. This definition also covers returns from the petrochemical industry to the refining industry (e.g. pyrolysis gasoline, C4 fractions, gasoil and fuel oil fractions).
Additives/oxygenates	Additives are non-hydrocarbon compounds added to or blended with a product to modify fuel properties (octane, cetane, cold properties, etc.): <ul style="list-style-type: none"> <li>— oxygenates, such as alcohols (methanol, ethanol), ethers (such as MTBE (methyl tertiary butyl ether), ETBE (ethyl tertiary butyl ether), TAME (tertiary amyl methyl ether)),</li> <li>— esters (e.g. rapeseed or dimethylester, etc.),</li> <li>— chemical compounds (such as TML, TEL and detergents).</li> </ul> <i>Note:</i> quantities of additives/oxygenates (alcohols, ethers, esters and other chemical compounds) reported in this category should relate to the quantities destined for

	blending with fuels or for fuel use.
Refinery gas (not liquefied)	Refinery gas includes a mixture of non-condensable gases mainly consisting of hydrogen, methane, ethane and olefins obtained during distillation of crude oil or treatment of oil products (e.g. cracking) in refineries. This also includes gases which are returned from the petrochemical industry.
Ethane	A naturally gaseous straight-chain hydrocarbon ( $C_2H_6$ ) extracted from natural gas and refinery gas streams.
Motor gasoline	Motor gasoline consists of a mixture of light hydrocarbons distilling between 35 °C and 215 °C. It is used as a fuel for land based spark ignition engines. Motor gasoline may include additives, oxygenates and octane enhancers, including lead compounds such as TEL and TML. Includes motor gasoline blending components (excluding additives/oxygenates), e.g. alkylates, isomerate, reformat, cracked gasoline destined for use as finished motor gasoline.
Aviation gasoline	Motor spirit prepared especially for aviation piston engines, with an octane number suited to the engine, a freezing point of - 60 °C and a distillation range usually within the limits of 30 °C and 180 °C.
Gasoline type jet fuel	Distillate used for aviation turbine power units. It has the same distillation characteristics between 150 °C and 300 °C (generally not above 250 °C) and flash point as kerosene. In addition, it has particular specifications (such as freezing point) which are established by the International Air Transport Association (IATA). Includes kerosene blending components.
Other kerosene	Refined petroleum distillate used in sectors other than aircraft transport. It distils between 150 °C and 300 °C.
Diesel oil	Diesel oil is primarily a medium distillate distilling between 180 °C and 380 °C. Includes blending components. Several grades are available depending on uses.
Lubricants	Hydrocarbons produced from distillate by-product; they are mainly used to reduce friction between bearing surfaces. Includes all finished grades of lubricating oil, from spindle oil to cylinder oil, and those used in greases, motor oils and all grades of lubricating oil base stocks.
Bitumen	Solid, semi-solid or viscous hydrocarbon with a colloidal structure, being brown to black in colour, obtained as a residue in the distillation of crude oil, by vacuum distillation of oil residues from atmospheric distillation. Bitumen is often referred to as asphalt and is primarily used for construction of roads and for roofing material. Includes fluidised and cut back bitumen.
Fuel oil	All residual (heavy) fuel oils (including those obtained by blending). Kinematic viscosity is above 10 cSt at 80 °C. The flash point is always above 50 °C and density is always more than 0,90 kg/l.
Naphtha	Naphtha is a feedstock destined for either the petrochemical industry (e.g. ethylene manufacture or aromatics production) or for gasoline production by reforming or isomerisation within the refinery. Naphtha comprises material in the 30 °C and 210 °C distillation range or part of this range.
Petroleum coke	Black solid by-product, obtained mainly by cracking and carbonising petroleum derived feedstock, vacuum bottoms, tar and pitches in processes such as delayed coking or fluid coking. It consists mainly of carbon (90 to 95 %) and has a low ash content. It is used as a feedstock in coke ovens for the steel industry, for heating purposes, for electrode manufacture and for production of chemicals. The two most important qualities are 'green coke' and 'calcinated coke'.

	Includes 'catalyst coke' deposited on the catalyst during refining processes; this coke is not recoverable and is usually burned as refinery fuel.
Other products	All products not specifically mentioned above, for example: tar and sulphur. Includes aromatics (e.g. BTX or benzene, toluene and xylene) and olefins (e.g. propylene) produced within refineries.
<b>4. Renewable energy and anergy from waste</b>	
Solid biomass	Covers organic, non-fossil material of biological origin which may be used as fuel for heat production or electricity generation. It comprises:
Of which: wood, wood wastes, other solid wastes	Purpose-grown energy crops (poplar, willow etc.), a multitude of woody materials generated by an industrial process (wood/paper industry in particular) or provided directly by forestry and agriculture (firewood, wood chips, wood pellets, bark, sawdust, shavings, chips, black liquor etc.) as well as wastes such as straw, rice husks, nut shells, poultry litter, crushed grape dregs etc. Combustion is the preferred technology for these solid wastes. The quantity of fuel used should be reported on a net calorific value basis.
Liquid biofuels	The quantities of liquid biofuels reported in this category should relate to the quantities of biofuel and not to the total volume of liquids into which the biofuels are blended. For the particular case of imports and exports of liquid biofuels, only trade of quantities that have not been blended with transport fuels is concerned (i.e. in their pure form).
Biogas	A gas composed principally of methane and carbon dioxide produced by anaerobic digestion of biomass.
Hydro power	Potential and kinetic energy of water converted into electricity in hydroelectric plants. Pumped storage must be included. Production must be reported for plant sizes of < 1 MW, 1 to < 10 MW, $\geq 10$ MW and from pumped storage.
Solar energy	Solar radiation exploited for hot water production and electricity generation. This energy production is the heat available to the heat transfer medium, i.e. the incident solar energy less the optical and collectors' losses. Passive solar energy for the direct heating, cooling and lighting of dwellings or other buildings is not included.
Wind	Kinetic energy of wind exploited for electricity generation in wind turbines.
<b>5. Electricity and heat</b>	
Electrical energy	It means electrical energy from all sources of production by type of producers, installations, fuels.
Thermal energy	Thermal energy destined for sale to third parties by type of producers, installations, fuels.



#### 4. List of aggregated indicators

Name of aggregated indicator	Definition
Primary energy production / national production	<p>This category includes production from the exploitation of existing energy sources in nature (in subsoil assets, forests, water courses, etc.) that can be used as such or after a preliminary processing (sorting, washing, cleaning, etc.) that does not change the structure of assortment, but improves its quality for use as fuel or as feedstock for producing other combustible products or noncombustible.</p> <p><i>Coal production</i> from underground and surface mines; recovered slurries, mixed minerals and other low-grade coal products, which cannot be classified according to type of coal. This includes coal recovered from waste piles and other waste receptacles;</p> <p><i>Natural gas production</i>: dry marketable gas, obtained within national boundaries, including offshore production. Production is measured after removal of impurities and NGL extraction and of sulphur. Extraction losses and quantities reinserted, discharged to air or burned are not included in this item.</p> <p>Here are included quantities used in the natural gas industry, in the process of extraction of natural gas, into pipelines and in natural gas processing plants and natural gas obtained with crude oil; natural gas from fields producing hydrocarbons only in gaseous and methane produced in coal mines or extracted from coal layers, brought to the surface and consumed of collieries or transmitted by pipeline to consumers;</p> <p><i>Crude oil production</i> (including liquids products from natural gas extraction);</p> <p><i>Electricity production</i>: hydroelectric and wind energy production; is reported gross output (production measured at generator terminals);</p> <p><i>Heat production</i>: heat production obtained from nuclear reactors;</p> <p><i>Biomass production</i>: firewood, combustible products derived from activities other than energy production, such as wood processing cellulose and paper production, agriculture, etc;</p> <p><i>Production of other fuels</i>: geothermal energy, solar photovoltaic energy, solar thermal energy, biogas, non-renewable industrial waste, renewable municipal waste and biofuels.</p>
Import/export	<p>Unless provisions contrary, imports "refers to the country of initial origin (the country in which the energy product was produced) for use in the country and,, exports" to the country of final consumption of energy product . Are considered as imported or exported quantities that have passed or not customs, who have passed the political boundaries of a country.</p> <p>For electric energy are considered as imported or exported quantities of electricity, quantities that have passed or not customs, who have passed the political boundaries of a country. If the amount of electric energy is transited through a country, it should be registered as both import and export.</p> <p>For petroleum products, this category includes quantities of crude oil and products imported or exported in accordance with processing agreements (i.e. refining for account). Crude oil and NGL should be registered as coming from the origin country; in the case of refinery feedstock's and final products should be taken into account by the last country of origin. This includes any gas liquids (i.e. LPG) extracted during the regasification of imported liquefied natural gas and imported or exported petroleum products directly by the petrochemical industry.</p> <p>Re-exports of oil imported for processing within bonded areas should be included as an export of product from the processing country to the country of final destination.</p>
Stock at 1 January/ Stock at 31 December	<p>Stock at the beginning of the reference period include stocks of existing primary and transformed energy stock at producers, distributors and consumers and these left in custody to the economic agents.</p> <p>Stock at the end of the reference period include the quantities of the fuels motor fuels existing at producers, distributors and consumers at the end of the reference period, regardless of their source.</p>

	Stocks represents all stocks on national territory, including stocks held by governments, by major consumers or of organizations dealing with stock possession, stocks from incoming ocean vessels, stocks held in bonded areas and stocks held for others in accordance or not with bilateral government agreement.
Stock variation	The difference between stocks of 1 January and those of 31 December.
Bunkering	Includes quantities of fuels delivered to marine ships and aircraft engaged in international voyages, regardless of their flag or nationality of the airline company. Are not included the quantities consumed by ships sailing in national waters. Quantities of fuels consumed by fishing vessels are included in consumption in agriculture.
The calculated gross domestic consumption	Total Resources + Import - Export - Bunkering $\pm$ stock variation
Total transformation Sector - inputs	Quantities of fuels used for primary or secondary energy transformation, for example: <ul style="list-style-type: none"> <li>- coal in electric energy, coke oven gas in electric energy or used for the transformation in derived energy products (eg coking coal in coke);</li> <li>- natural gas in electric energy or used for the transformation in derived energy products (eg natural gas in methanol);</li> </ul> Quantities of renewable energy and wastes used for the conversion of primary forms of energy to secondary forms (eg landfill gases to electric energy or used for the transformation to derived energy products (eg biogas used for blended natural gas); Quantities of oil entered in the refineries;
- in stations for producing thermoelectric energy	Are included total quantities of fuels consumed for producing electric energy whatever of type of the producing station, both in the public sector (which includes economic agents of whose main activity is the producing electricity regardless of their form of ownership) and to self-producers (comprising economic agents, whatever their form of ownership, of whose main occupation is other than energy production and electricity producing mainly for domestic needs, the surplus being sold to third parties). Self-producers represents electric station in mining, food industry, refineries, non-metal materials, metallurgy, chemistry, mechanical engineering of the railways and other industries.
- in stations for producing thermal energy	Are included total quantities of fuels consumed for producing thermal energy whatever of type of the producing station, in the public sector (which includes economic agents of whose main activity is the producing thermal energy regardless of their form of ownership) and for producing thermal energy by self-producers sold to third parties.  Are not included quantities of fuels consumed in its own industrial activity for heated by direct combustion heaters and the heat consumed in own residential buildings, which are recorded on household consumption.  Also not included own consumptions of the station, those being declared consumptions in energy sector.  Consumptions for thermal energy produced in the means of transport are not summarized, being included in the consumption of transport.
- in briquetting installations	Includes quantities of coal and binder consumed for the production of charcoal briquettes.  Excluded are quantities used for heating and for operation of equipment that should not be registered here, but registered as consumption in the energy sector.
- in coke ovens	Includes quantities of coking coal consumed for the production of coke, semi-coke and of coke oven gas.  Excluded are quantities used for heating and for operation of equipment that should not be registered here, but registered as consumption in the energy sector.
- in blast furnaces	Includes fuel quantities used in furnaces (coking coal and / or bituminous coal, with generic name as pulverized coal injection, metallurgical coke)

	<p>for production of blast furnace gas in the process of reduction of the iron ore. These amounts are subtracted from consumption in metallurgy, to avoid double recordings.</p> <p>Excluded are quantities used for heating and for operation of equipment that should not be registered here, but registered as consumption in the energy sector.</p>
- in oil refineries	<p>Includes quantities of crude oil, gasoline and ethane from extraction scaffolds used for processing and obtaining derivative products (combustible and noncombustible products) namely: gasoline, petroleum, white spirit, diesel and aromatic extract, oil, mineral oil, petroleum coke, petroleum bitumen, paraffin waxes, greases, waxes, liquefied petroleum gas, refinery gases including propylene from refineries and other petroleum products. Are included processed oil quantities in the activity of "processing". Does not include returns from petrochemical and blanks.</p> <p>Excluded are quantities used for heating and for operation of equipment that should not be registered here, but registered as consumption in the energy sector.</p>
- in other domains	Includes quantities of coal, firewood and wood waste consumed for producing generator gas and for producing charcoal.
Total energy sector - output from transformation inclusive:	Outputs from transformation represents energy production resulted from the transformation activity: products derived from coal, refined petroleum products, derived gases, thermoelectric energy and thermal energy. Productions included in this sector include own consumption of transformation installations.
- from stations for producing thermoelectric energy	The indicator includes gross thermoelectric energy production (measured at the generator terminals), inclusive that produced by mobile generator sets, regardless of the type of equipment manufacturing (condensing groups or heating groups), both in the public sector as well of the self-producers. To determine the net production, from gross production is subtracted own consumption of station.
- from stations for producing thermal energy	<p>The indicator contains production of thermal energy achieved in stations whose main activity is producing thermal energy as well as thermal energy produced and sold by the self-producers.</p> <p>This includes thermal energy used by the auxiliary's installation of station which uses a hot fluid (space heating, liquid fuel heating etc.) and losses from the heat exchanges of the installation / network, as well as heat from chemical processes used as primary energy form, regardless of the type of producing station.</p> <p>This includes and the amount of thermal energy (hot steam) used for producing thermal energy.</p> <p>Not included thermal energy used for producing electric energy.</p>
- from briquetting installations	Represents production of coal briquettes, regardless of the assortment of coal used
- from coke ovens	Represents fuel production resulting from the processing of coking of hard coal, namely: coke, semi coke, coke oven gas, coke oven pitch, etc.
- from furnaces	Represents production of blast furnace gas obtained by transforming coke in the process of reducing iron ore from blast furnaces;
- from oil refineries	Represents gross production of refined petroleum products.
- from other domains	Includes production of other fuels categories other than those mentioned (production of gases of gasogen and of the charcoal).
Transfer	<p>Represents quantities of products of whose classification has changed either because their specifications were changed, either because these were mixed together to form another product..</p> <p>A negative value for one product should be compensated by one (or more) positive value for one or more products and vice versa, the total net effect should be zero.</p>
Consumption in the energy sector	This indicator includes quantities of energy carriers consumed by

(for the functioning of generating installations and ensuring basic activity)	<p>primary energy producers or converted for operation of their installations.</p> <p>Includes electric energy consumption of aggregates for producing electric and thermic energy, of domestic services (pumps, fans, coal mills, etc.), technological lighting and for various heating devices (relays, contactors), electric energy consumption in the transformers raising voltage in electric stations.</p> <p>Also, includes electric energy consumption of aggregates for producing electric energy, of internal services of station and for heating fuel depots. Not included thermic energy used for producing electric energy.</p> <p>Includes consumption of renewables and waste used by the energy industry to support the transformation activity. For example, renewables and wastes used for heating, lighting or operating pumps or of compressors.</p> <p>Are summarized quantities of energy products used as energy in refineries and quantities consumed as fuel in the oil extraction process and of natural gas and in installations of processing natural gas.</p> <p>Are not taken into account the quantities of fuels transformed into another energy form (which should be registered at the transformation sector) or those used to support the exploitation of the pipeline oil, gas and coal (to be reported in the Transport) and losses of the pipes (that should be reported in distribution losses).</p> <p>This sector also includes the production of chemical substances used in atomic fission and fusion and the products of these processes.</p>
Extraction of superior and inferior coal	CAEM Rev. 2. code 05 - Extraction of superior and inferior coal; CAEM Rev. code 0892 – Extraction and agglomeration of peat.
Extraction of crude petroleum, natural gas and services related to extraction	CAEM Rev. 2. code 06 - Extraction of crude petroleum, natural gas (excluding prospecting); CAEM Rev. 2. code 0910 – Activities of related services of oil and natural gas extraction
Extraction of uranium and thorium ores	CAEM Rev. 2. code 0721 - Extraction of uranium and thorium ores
Manufacture of coke products and of products from crude oil processing	CAEM Rev. 2. code 19 - Manufacture of coke products and of products from crude oil processing
Production and supply of electric, thermic energy, gases, hot water and air conditioning	CAEM Rev.2. code 35 - Production and supply of electric, thermic energy, gases, hot water and air conditioning
Losses	<p>Are comprised:</p> <ul style="list-style-type: none"> <li>- at electrical energy: technological consumption in transport installations, transformation and distribution to the point of separation between suppliers and consumers. Technological consumption from the point of separation between suppliers and consumers and to the receivers is comprised in technological consumption in analyzed branch (industry, construction, etc.).</li> <li>- at thermal energy: the amount of thermal energy from the spent steam and the condensate returned in steam boilers; thermal energy in the form of hot water not returned to the source of producing hot water, exclusively hot water used in mixture exchangers. Also included quantities of thermal energy lost through the insulation of systems.</li> <li>- at fuels: quantities lost in transport, handling and storage at producers, distributors and consumers by: leaking into the atmosphere, at burning torch; leakages of transmission and distribution networks; leakages from reservoirs and other manipulations; degradation by infiltration: quantitative and qualitative losses of solid fuels in deposits.</li> </ul>
Available for final consumption (calculated)	Available for final consumption = domestic consumption - inputs in transformation + outputs from transformation ± transfer - (energy sector

	consumption + losses) + final non-energy consumption.
Nonenergetic	Comprise quantities of energy carriers used for purposes other than those energetic, namely as: consumption of natural gas and petroleum products to obtain chemicals; quantities of natural gas used for injection into resource: crude oil for treatment drilling fluids; products used for lubrication, washing and as insulating materials.
Final energy consumption (gross consumption observed), total	<p>Is determined by aggregating the quantities of energy carriers used by final consumers in economic activity carried out during the reference period.</p> <p>Comprise quantities of primary and transformed energy carriers used in consumer installations, after which no longer takes place any processing and energy transformation.</p> <p>However, in the case of thermal stations and of cogeneration stations of self-producers, are included here only quantities of fuels consumed for producing thermal energy used by them. Quantities of fuels consumed for producing thermal energy sold and for producing electric energy, should be registered in the relevant rubric from the transformation sector.</p> <p>Comprise consumption for lighting; heating and ventilation, water supply, intended for the production, exclusively those for administrative buildings which are classified under "Other branches of the economy."</p> <p>Distribution of final energy consumption is made according CAEM Rev.2. as follows:</p>
In industry, total (including construction)	It refers to all activities classified as industrial (including construction) exclusively the energy sector consumption.
from which: - mining industry	CAEM Rev.2. code 081 - Extraction of stone, sand and clay; CAEM Rev.2. code 089 – Other mining activities (excluding code 0892); CAEM Rev.2. code 09 - Mining support service activities;
- metallurgical industry	CAEM Rev.2. code 24 - Metallurgical industry
- chemical and petrochemical industry	CAEM Rev.2. code 20 – Manufacture of chemicals and chemical products; CAEM Rev.2. code 21 – Manufacture of basic pharmaceutical products and pharmaceutical preparations; CAEM Rev.2. code 22 - Manufacture of rubber and plastic products
- nonmetallic minerals	CAEM Rev.2. code 23 - Manufacture of other products from non-metallic mineral
- transport equipment	CAEM Rev.2. code 29 - Manufacture of motor vehicles, trailers and semi-trailers; CAEM Rev.2. code 30 - Manufacture of other transport means
- Machine building industry	CAEM Rev.2. code 25 - The industry of metallic constructions and of metal products, except machinery and equipment; CAEM Rev.2. code 26 - Manufacture of computer, of electronic products and optimal; CAEM Rev.2. code 27 - Manufacture of electrical equipment; CAEM Rev.2. code 28 - Manufacture of machinery and instruments equipment n.c.a.; CAEM Rev.2. code 33- Preparation, maintenance and installation of machinery and equipment
- food, beverages, tobacco industry	CAEM Rev.2. code 10 – Food industry; CAEM Rev.2. code 11 – Manufacture of beverages; CAEM Rev.2. code 12 – Manufacture of tobacco products;
- Pulp, Paper and printing activities	CAEM Rev.2. code 17- Manufacture of paper and paper products; CAEM Rev.2. code 18 - Printing and reproduction on recorded media
- wood processing and furniture production	CAEM Rev.2. code 16 – Wood processing, manufacture of wood and cork products, except furniture; manufacture of articles of straw and other plaiting materials CAEM Rev.2. code 31 - Manufacture of furniture

- Industry of textile and leather products	CAEM Rev.2. code 13 - Manufacture of textile products; CAEM Rev.2. code 14 - Manufacture of Clothing articles; CAEM Rev.2. code 15 - Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear
- constructions	CAEM Rev.2. code 41 - Construction of buildings; CAEM Rev.2. code 42 - Civil constructions works; CAEM Rev.2. code 43 - Special construction works
- Other industrial activities	CAEM Rev.2. code 32 - Other industrial activities n.c.a. CAEM Rev.2. code 36 - Collection, purification and distribution of water;
- transports	Comprises consumptions in transport activity (road, rail, air, sea and pipeline), inclusive internal transportation (for economic agents with main activity other than transport). Includes consumption of fuel used by the population for their own means of transport. Not included consumption of marine vessels which sailing in international waters, this is included in "marine bunkers". Consumption of fishing vessels is included in "Fishing and aquaculture". CAEM Rev.2. code 49 - Land transport and transport via pipelines; CAEM Rev.2. code 50 - Water transport; CAEM Rev.2. code 51 - Air transport;
- residential sector (population)	Comprises : - to electric energy: quantity consumed for lighting and other household uses, inclusive for living spaces from the ownership and management of economic agents. - to thermal energy: quantity of thermal energy delivered to the population for heating and domestic hot water, both by the public sector as well as by self-producers. - to fuels: quantities effective delivered to population for direct flame consumption for heating and cooking and for producing thermal energy in micro stations of real estate. This also includes quantities of coal received by miners as allowances.
- Agriculture and forestry	It comprises energy consumption in registered in agriculture, forestry, logging and hunting economy and pisciculture and fishing. It also includes the energy consumption of fishing vessels. CAEM Rev.2. code 01 - Agriculture, hunting and related services CAEM Rev.2. code 02 - Silviculture forest harvesting CAEM Rev.2. code 03 - Fishing and aquaculture
- Other sectors of the economy	It comprises energy consumption reported by economic agents as consumed in other activities than those mentioned above, namely: CAEM Rev.2. Section E - Water supply; sewerage, waste management and remediation activities (excluding division 36) CAEM Rev.2. Section G - Wholesale and retail trade; repair of motor vehicles and motorcycles, CAEM Rev.2. code 52 - Storage and support activities for transportation CAEM Rev.2. code 53 - Postal and courier activities, CAEM Rev.2. Section I - Accommodation and public alimentation activities, CAEM Rev.2. Section J - Information and communication, CAEM Rev.2. Section K - Financial and insurance activities, CAEM Rev.2. Section L - Real estate transactions, CAEM Rev.2. Section M - Professional, scientific and technical activities, CAEM Rev.2. Section N - Activities of administrative services and activities of support services. CAEM Rev.2. Section O - Public administration and defense; compulsory social security, CAEM Rev.2. Section P - Education , CAEM Rev.2. Section Q - Health & Social Assistance, CAEM Rev.2. Section R - Art, recreational and leisure activities, CAEM Rev.2. Section S - Other service activities,

	<p>CAEM Rev.2. Section T - Activities of private households as an employer of domestic personnel; activities of private households for producing goods and services for personal consumption,</p> <p>CAEM Rev.2. Section U – Activities of Extra-territorial organizations and bodies</p> <p>Also included is electricity used for street lighting, respectively for lighting of streets, squares, parks and public gardens, monuments and public buildings, road signs bright, exclusively firms and advertisements.</p>
Statistical differences	<p>Is calculated as the difference between "Available for final consumption" - Of which was subtracted non-energy consumption - and "final energy consumption" observed by statistical investigation.</p> <p>Statistical differences comprising changes in stocks unregistered statistically, energy consumption for military purposes (excluding those for industrial production, comprised in industrial activities) and the differences generated by the statistical investigation system: while energy producers are registered exhaustive, consumers are investigated based on a representative sample, being admitted a margin of error.</p> <p>Statistical differences may be positive or negative as observed consumption is lower or higher than the funds available in the reference period.</p>

## 1. Energy balance of the Republic of Moldova

### 1.1. Energy balance in 2010

thousands of tonnes of oil equivalent							
SUPPLY AND CONSUMPTION	Total products	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
Primary Production	189	-	-	11	171	7	-
From other sources	258	-	-	-	-	258	-
Imports	1813	113	960	738	-	2	-
Exports	13	-	-	9	4	-	-
International bunkers	-5	-	-	-5	-	-	-
Stock changes	52	3	2	36	11	-	-
<b>Gross consumption</b>	<b>2294</b>	<b>116</b>	<b>962</b>	<b>771</b>	<b>178</b>	<b>267</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>493</b>	<b>2</b>	<b>434</b>	<b>38</b>	<b>12</b>	<b>7</b>	<b>-</b>
Electricity plants	8	-	1	-	-	7	-
Main activity producer combined heat and power (CHP) plants	321	-	321	-	-	-	-
Autoproducer combined heat and power (CHP) plants	27	-	8	19	-	-	-
Main activity producer heat plants	60	-	60	-	-	-	-
Autoproducer heat plants	60	2	44	2	12	-	-
Oil refineries	17	-	-	17	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified - transformation	-	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>398</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>91</b>	<b>287</b>
Electricity plants	7	-	-	-	-	7	-
Main activity producer combined heat and power (CHP) plants	248	-	-	-	-	81	167
Autoproducer combined heat and power (CHP) plants	23	-	-	-	-	3	20
Main activity producer heat plants	53	-	-	-	-	-	53
Autoproducer heat plants	47	-	-	-	-	-	47
Oil refineries	20	-	-	20	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified — transformation	-	-	-	-	-	-	-
<b>Energy sector</b>	<b>17</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17</b>	<b>-</b>
<b>LOSSES</b>	<b>176</b>	<b>1</b>	<b>72</b>	<b>4</b>	<b>-</b>	<b>52</b>	<b>47</b>



<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	<b>Coal</b>	<b>Natural gas</b>	<b>Oil products</b>	<b>Biofuels and waste</b>	<b>Electricity</b>	<b>Heat</b>
<b>FINAL CONSUMPTION</b>	<b>2006</b>	<b>113</b>	<b>456</b>	<b>749</b>	<b>166</b>	<b>282</b>	<b>240</b>
<b>INDUSTRY</b>	<b>227</b>	<b>33</b>	<b>63</b>	<b>11</b>	<b>1</b>	<b>68</b>	<b>51</b>
Iron and steel	-	-	-	-	-	-	-
Chemical and petrochem.	3	-	-	-	-	2	1
Non-metallic minerals	94	31	47	2	-	14	-
Transport equipment	-	-	-	-	-	-	-
Machinery	4	-	-	-	-	4	-
Mining and quarrying	2	-	-	1	-	1	-
Food and tobacco	90	2	13	3	-	25	47
Paper, pulp and print	3	-	1	-	-	1	1
Wood and wood products	7	-	-	-	1	6	-
Construction	7	-	1	5	-	1	-
Textile and leather	6	-	1	-	-	3	2
Not elsewhere specified	11	-	-	-	-	11	-
<b>TRANSPORT</b>	<b>592</b>	<b>-</b>	<b>7</b>	<b>581</b>	<b>-</b>	<b>4</b>	<b>-</b>
Domestic aviation	14	-	-	14	-	-	-
Road	558	-	1	553	-	4	-
Rail	14	-	-	14	-	-	-
Pipeline transport	6	-	6	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-
<b>OTHER</b>	<b>1155</b>	<b>80</b>	<b>386</b>	<b>125</b>	<b>165</b>	<b>210</b>	<b>189</b>
Residential	808	52	294	44	156	130	132
Comm. and public services	276	28	90	19	8	75	56
Agriculture/forestry	71	-	2	62	1	5	1
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>32</b>	<b>-</b>	<b>-</b>	<b>32</b>	<b>-</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

## 1.2. Energy balance in 2010

TeraJoule

SUPPLY AND CONSUMPTION	Total products	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
Primary Production	7913	-	3	465	7160	285	-
From other sources	10827	-	-	-	-	10827	-
Imports	76062	4709	40218	31029	16	90	-
Exports	581	1	-	430	150	-	-
International bunkers	-218	-	-	-218	-	-	-
Stock changes	2117	158	62	1494	403	-	-
<b>Gross consumption</b>	<b>96120</b>	<b>4866</b>	<b>40283</b>	<b>32340</b>	<b>7429</b>	<b>11202</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>20760</b>	<b>96</b>	<b>18220</b>	<b>1641</b>	<b>518</b>	<b>285</b>	<b>-</b>
Electricity plants	327	-	21	21	-	285	-
Main activity producer combined heat and power (CHP) plants	13460	-	13460	-	-	-	-
Autoproducer combined heat and power (CHP) plants	1133	-	346	787	-	-	-
Main activity producer heat plants	2527	-	2527	-	-	-	-
Autoproducer heat plants	2574	96	1866	94	518	-	-
Oil refineries	458	-	-	458	-	-	-
Petrochemical plants	281	-	-	281	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified - transformation	-	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>16705</b>	<b>-</b>	<b>-</b>	<b>831</b>	<b>-</b>	<b>3835</b>	<b>12039</b>
Electricity plants	307	-	-	-	-	307	-
Main activity producer combined heat and power (CHP) plants	10399	-	-	-	-	3413	6986
Autoproducer combined heat and power (CHP) plants	981	-	-	-	-	115	866
Main activity producer heat plants	2222	-	-	-	-	-	2222
Autoproducer heat plants	1965	-	-	-	-	-	1965
Oil refineries	831	-	-	831	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified — transformation	-	-	-	-	-	-	-
<b>Energy sector</b>	<b>736</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>715</b>	<b>21</b>
<b>LOSSES</b>	<b>7532</b>	<b>32</b>	<b>3071</b>	<b>231</b>	<b>7</b>	<b>2197</b>	<b>1994</b>

TeraJoule

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	<b>Coal</b>	<b>Natural gas</b>	<b>Oil products</b>	<b>Biofuels and waste</b>	<b>Electricity</b>	<b>Heat</b>
<b>FINAL CONSUMPTION</b>	<b>83797</b>	<b>4738</b>	<b>18992</b>	<b>31299</b>	<b>6904</b>	<b>11840</b>	<b>10024</b>
<b>INDUSTRY</b>	<b>9642</b>	<b>1380</b>	<b>2693</b>	<b>493</b>	<b>27</b>	<b>2841</b>	<b>2208</b>
Iron and steel	6	-	-	-	-	6	-
Chemical and petrochem.	142	-	4	-	-	103	35
Non-metallic minerals	3896	1254	1989	74	-	566	13
Transport equipment	-	-	-	-	-	-	-
Machinery	337	126	19	14	2	169	7
Mining and quarrying	94	-	-	40	-	54	-
Food and tobacco	3718	-	565	142	4	1027	1980
Paper, pulp and print	131	-	33	1	-	39	58
Wood and wood products	270	-	7	3	21	236	3
Construction	316	-	46	214	-	47	9
Textile and leather	259	-	27	3	-	126	103
Not elsewhere specified	473	-	3	2	-	468	-
<b>TRANSPORT</b>	<b>24887</b>	<b>-</b>	<b>319</b>	<b>24397</b>	<b>-</b>	<b>166</b>	<b>5</b>
Domestic aviation	564	-	-	564	-	-	-
Road	23396	-	48	23196	-	152	-
Rail	605	-	-	605	-	-	-
Pipeline transport	293	-	271	3	-	14	5
Domestic navigation	3	-	-	3	-	-	-
Non-specified	26	-	-	26	-	-	-
<b>OTHER</b>	<b>47998</b>	<b>3358</b>	<b>15969</b>	<b>5155</b>	<b>6872</b>	<b>8833</b>	<b>7811</b>
Residential	33850	2168	12308	1849	6522	5455	5548
Comm. and public services	11175	1186	3565	683	329	3184	2228
Agriculture/forestry	2973	4	96	2623	21	194	35
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>1270</b>	<b>-</b>	<b>11</b>	<b>1254</b>	<b>5</b>	<b>-</b>	<b>-</b>
<b>Statistical differences</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

### 1.3. Energy balance in 2010

thousands of tonnes of coal equivalent

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	<b>Coal</b>	<b>Natural gas</b>	<b>Oil products</b>	<b>Biofuels and waste</b>	<b>Electricity</b>	<b>Heat</b>
Primary Production	272	-	-	16	246	10	-
From other sources	369	-	-	-	-	369	-
Imports	2590	160	1371	1056	-	3	-
Exports	18	-	-	14	4	-	-
International bunkers	-9	-	-	-9	-	-	-
Stock changes	72	6	2	51	13	-	-
<b>Gross consumption</b>	<b>3276</b>	<b>166</b>	<b>1373</b>	<b>1100</b>	<b>255</b>	<b>382</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>707</b>	<b>3</b>	<b>621</b>	<b>55</b>	<b>18</b>	<b>10</b>	<b>-</b>
Electricity plants	12	-	1	1	-	10	-
Main activity producer combined heat and power (CHP) plants	459	-	459	-	-	-	-
Autoproducer combined heat and power (CHP) plants	39	-	12	27	-	-	-
Main activity producer heat plants	86	-	86	-	-	-	-
Autoproducer heat plants	87	3	63	3	18	-	-
Oil refineries	24	-	-	24	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified - transformation	-	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>570</b>	<b>-</b>	<b>-</b>	<b>29</b>	<b>-</b>	<b>131</b>	<b>410</b>
Electricity plants	10	-	-	-	-	10	-
Main activity producer combined heat and power (CHP) plants	355	-	-	-	-	117	238
Autoproducer combined heat and power (CHP) plants	33	-	-	-	-	4	29
Main activity producer heat plants	76	-	-	-	-	-	76
Autoproducer heat plants	67	-	-	-	-	-	67
Oil refineries	29	-	-	29	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified — transformation	-	-	-	-	-	-	-
<b>Energy sector</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24</b>	<b>1</b>
<b>LOSSES</b>	<b>258</b>	<b>2</b>	<b>105</b>	<b>7</b>	<b>1</b>	<b>75</b>	<b>68</b>

thousands of tonnes of coal equivalent							
<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	<b>Coal</b>	<b>Natural gas</b>	<b>Oil products</b>	<b>Biofuels and waste</b>	<b>Electricity</b>	<b>Heat</b>
<b>FINAL CONSUMPTION</b>	<b>2856</b>	<b>161</b>	<b>647</b>	<b>1067</b>	<b>236</b>	<b>404</b>	<b>341</b>
<b>INDUSTRY</b>	<b>325</b>	<b>46</b>	<b>92</b>	<b>16</b>	<b>-</b>	<b>97</b>	<b>74</b>
Iron and steel	-	-	-	-	-	-	-
Chemical and petrochem.	5	-	-	-	-	4	1
Non-metallic minerals	133	44	68	2	-	19	-
Transport equipment	-	-	-	-	-	-	-
Machinery	7	-	1	-	-	6	-
Mining and quarrying	3	-	-	1	-	2	-
Food and tobacco	128	2	19	5	-	35	67
Paper, pulp and print	4	-	1	-	-	1	2
Wood and wood products	8	-	-	-	-	8	-
Construction	12	-	2	8	-	2	-
Textile and leather	9	-	1	-	-	4	4
Not elsewhere specified	16	-	-	-	-	16	-
<b>TRANSPORT</b>	<b>846</b>	<b>-</b>	<b>10</b>	<b>831</b>	<b>-</b>	<b>5</b>	<b>-</b>
Domestic aviation	19	-	-	19	-	-	-
Road	797	-	2	790	-	5	-
Rail	21	-	-	21	-	-	-
Pipeline transport	8	-	8	-	-	-	-
Domestic navigation	-	-	-	-	-	-	-
Non-specified	1	-	-	1	-	-	-
<b>OTHER</b>	<b>1641</b>	<b>115</b>	<b>545</b>	<b>176</b>	<b>236</b>	<b>302</b>	<b>267</b>
Residential	1155	74	420	63	223	186	189
Comm. and public services	385	41	122	24	12	109	77
Agriculture/forestry	101	-	3	89	1	7	1
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>44</b>	<b>-</b>	<b>-</b>	<b>44</b>	<b>-</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

## 1.4. Energy balance in 2011

thousands of tonnes of oil equivalent

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
Primary Production	238	-	-	13	218	7	-
From other sources	213	-	-	-	-	213	-
Imports	1937	125	931	824	-	57	-
Exports	14	-	-	14	-	-	-
International bunkers	-6	-	-	-6	-	-	-
Stock changes	-15	-5	-1	-11	2	-	-
<b>Gross consumption</b>	<b>2353</b>	<b>120</b>	<b>930</b>	<b>806</b>	<b>220</b>	<b>277</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>466</b>	<b>2</b>	<b>413</b>	<b>34</b>	<b>10</b>	<b>7</b>	<b>-</b>
Electricity plants	7	-	-	-	-	7	-
Main activity producer combined heat and power (CHP) plants	302	-	302	-	-	-	-
Autoproducer combined heat and power (CHP) plants	24	-	10	14	-	-	-
Main activity producer heat plants	55	-	55	-	-	-	-
Autoproducer heat plants	59	2	46	1	10	-	-
Oil refineries	19	-	-	19	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified - transformation	-	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>377</b>	<b>-</b>	<b>-</b>	<b>18</b>	<b>-</b>	<b>87</b>	<b>272</b>
Electricity plants	7	-	-	-	-	7	-
Main activity producer combined heat and power (CHP) plants	237	-	-	-	-	78	159
Autoproducer combined heat and power (CHP) plants	21	-	-	-	-	2	19
Main activity producer heat plants	48	-	-	-	-	-	48
Autoproducer heat plants	46	-	-	-	-	-	46
Oil refineries	18	-	-	18	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified — transformation	-	-	-	-	-	-	-
<b>Energy sector</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16</b>	<b>-</b>
<b>LOSSES</b>	<b>165</b>	<b>1</b>	<b>70</b>	<b>4</b>	<b>-</b>	<b>50</b>	<b>40</b>

thousands of tonnes of oil equivalent							
<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
<b>FINAL CONSUMPTION</b>	<b>2083</b>	<b>117</b>	<b>447</b>	<b>786</b>	<b>210</b>	<b>291</b>	<b>232</b>
<b>INDUSTRY</b>	<b>235</b>	<b>42</b>	<b>66</b>	<b>9</b>	<b>1</b>	<b>70</b>	<b>47</b>
Iron and steel	-	-	-	-	-	-	-
Chemical and petrochem.	4	-	-	-	-	3	1
Non-metallic minerals	102	40	47	1	-	14	-
Transport equipment	1	-	1	-	-	-	-
Machinery	4	-	-	-	-	4	-
Mining and quarrying	2	-	-	1	-	1	-
Food and tobacco	88	2	15	2	-	26	43
Paper, pulp and print	4	-	2	-	-	1	1
Wood and wood products	7	-	-	-	1	6	-
Construction	6	-	-	5	-	1	-
Textile and leather	6	-	1	-	-	3	2
Not elsewhere specified	11	-	-	-	-	11	-
<b>TRANSPORT</b>	<b>624</b>	<b>-</b>	<b>2</b>	<b>617</b>	<b>-</b>	<b>5</b>	<b>-</b>
Domestic aviation	14	-	-	14	-	-	-
Road	596	-	2	590	-	4	-
Rail	13	-	-	13	-	-	-
Pipeline transport	1	-	-	-	-	1	-
Domestic navigation	-	-	-	-	-	-	-
Non-specified	-	-	-	-	-	-	-
<b>OTHER</b>	<b>1194</b>	<b>75</b>	<b>379</b>	<b>130</b>	<b>209</b>	<b>216</b>	<b>185</b>
Residential	848	47	277	59	204	133	128
Comm. and public services	277	28	100	10	5	78	56
Agriculture/forestry	69	-	2	61	-	5	1
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

## 1.5. Energy balance in 2011

TeraJoule

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
Primary Production	<b>9800</b>	-	2	526	8997	275	-
From other sources	<b>8923</b>	-	-	-	-	8923	-
Imports	<b>81292</b>	5252	39011	34618	13	2398	-
Exports	<b>601</b>	-	-	597	4	-	-
International bunkers	<b>-258</b>	-	-	-258	-	-	-
Stock changes	<b>-592</b>	-229	-25	-468	130	-	-
<b>Gross consumption</b>	<b>98564</b>	<b>5023</b>	<b>38988</b>	<b>33821</b>	<b>9136</b>	<b>11596</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>19579</b>	<b>72</b>	<b>17310</b>	<b>1522</b>	<b>400</b>	<b>275</b>	<b>-</b>
Electricity plants	<b>304</b>	-	10	19	-	275	-
Main activity producer combined heat and power (CHP) plants	<b>12637</b>	-	12637	-	-	-	-
Autoproducer combined heat and power (CHP) plants	<b>1028</b>	-	433	595	-	-	-
Main activity producer heat plants	<b>2316</b>	-	2316	-	-	-	-
Autoproducer heat plants	<b>2451</b>	72	1914	65	400	-	-
Oil refineries	<b>543</b>	-	-	543	-	-	-
Petrochemical plants	<b>300</b>	-	-	300	-	-	-
Liquefaction plants	<b>-</b>	-	-	-	-	-	-
Charcoal production plants	<b>-</b>	-	-	-	-	-	-
Not elsewhere specified - transformation	<b>-</b>	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>15831</b>	<b>-</b>	<b>-</b>	<b>770</b>	<b>-</b>	<b>3659</b>	<b>11402</b>
Electricity plants	<b>291</b>	-	-	-	-	291	-
Main activity producer combined heat and power (CHP) plants	<b>9907</b>	-	-	-	-	3264	6643
Autoproducer combined heat and power (CHP) plants	<b>920</b>	-	-	-	-	104	816
Main activity producer heat plants	<b>2021</b>	-	-	-	-	-	2021
Autoproducer heat plants	<b>1922</b>	-	-	-	-	-	1922
Oil refineries	<b>770</b>	-	-	770	-	-	-
Petrochemical plants	<b>-</b>	-	-	-	-	-	-
Liquefaction plants	<b>-</b>	-	-	-	-	-	-
Charcoal production plants	<b>-</b>	-	-	-	-	-	-
Not elsewhere specified — transformation	<b>-</b>	-	-	-	-	-	-
<b>Energy sector</b>	<b>708</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>690</b>	<b>18</b>
<b>LOSSES</b>	<b>7431</b>	<b>14</b>	<b>3441</b>	<b>159</b>	<b>8</b>	<b>2121</b>	<b>1688</b>



TeraJoule

SUPPLY AND CONSUMPTION	Total	Coal	Natural gas	Oil	Biofuels	Electricity	Heat
	products			products	and waste		
<b>FINAL CONSUMPTION</b>	<b>86677</b>	<b>4937</b>	<b>18237</b>	<b>32910</b>	<b>8728</b>	<b>12169</b>	<b>9696</b>
<b>INDUSTRY</b>	<b>9955</b>	<b>1745</b>	<b>2766</b>	<b>433</b>	<b>47</b>	<b>2931</b>	<b>2033</b>
Iron and steel	8	5	-	1	-	2	-
Chemical and petrochem.	188	-	4	19	-	111	54
Non-metallic minerals	4256	1657	1983	39	-	571	6
Transport equipment	-	-	-	-	-	-	-
Machinery	221	2	27	7	4	171	10
Mining and quarrying	113	-	-	52	-	61	-
Food and tobacco	3718	81	644	91	6	1088	1808
Paper, pulp and print	116	-	37	-	-	41	38
Wood and wood products	308	-	6	11	35	253	3
Construction	304	-	37	206	-	50	11
Textile and leather	261	-	26	5	2	125	103
Not elsewhere specified	462	-	2	2	-	458	-
<b>TRANSPORT</b>	<b>26564</b>	<b>-</b>	<b>484</b>	<b>25899</b>	<b>-</b>	<b>181</b>	<b>-</b>
Domestic aviation	578	-	-	578	-	-	-
Road	24955	-	78	24728	-	149	-
Rail	557	-	-	557	-	-	-
Pipeline transport	443	-	406	5	-	32	-
Domestic navigation	3	-	-	3	-	-	-
Non-specified	28	-	-	28	-	-	-
<b>OTHER</b>	<b>48943</b>	<b>3192</b>	<b>14987</b>	<b>5365</b>	<b>8679</b>	<b>9057</b>	<b>7663</b>
Residential	35429	1955	11663	2499	8365	5572	5375
Comm. and public services	10609	1232	3238	315	287	3292	2245
Agriculture/forestry	2905	5	86	2551	27	193	43
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>1215</b>	<b>-</b>	<b>-</b>	<b>1213</b>	<b>2</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

## 1.6. Energy balance in 2011

thousands of tonnes of coal equivalent

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
Primary Production	334	-	-	18	307	9	-
From other sources	304	-	-	-	-	304	-
Imports	2771	179	1330	1180	-	82	-
Exports	20	-	-	20	-	-	-
International bunkers	-8	-	-	-8	-	-	-
Stock changes	-20	-8	-1	-16	5	-	-
<b>Gross consumption</b>	<b>3361</b>	<b>171</b>	<b>1329</b>	<b>1154</b>	<b>312</b>	<b>395</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>668</b>	<b>2</b>	<b>590</b>	<b>53</b>	<b>14</b>	<b>9</b>	<b>-</b>
Electricity plants	10	-	-	1	-	9	-
Main activity producer combined heat and power (CHP) plants	431	-	431	-	-	-	-
Autoproducer combined heat and power (CHP) plants	35	-	15	20	-	-	-
Main activity producer heat plants	79	-	79	-	-	-	-
Autoproducer heat plants	84	2	65	3	14	-	-
Oil refineries	29	-	-	29	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified - transformation	-	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>539</b>	<b>-</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>125</b>	<b>389</b>
Electricity plants	10	-	-	-	-	10	-
Main activity producer combined heat and power (CHP) plants	338	-	-	-	-	111	227
Autoproducer combined heat and power (CHP) plants	32	-	-	-	-	4	28
Main activity producer heat plants	69	-	-	-	-	-	69
Autoproducer heat plants	65	-	-	-	-	-	65
Oil refineries	25	-	-	25	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified — transformation	-	-	-	-	-	-	-
<b>Energy sector</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>23</b>	<b>1</b>
<b>LOSSES</b>	<b>239</b>	<b>3</b>	<b>101</b>	<b>5</b>	<b>-</b>	<b>72</b>	<b>58</b>

thousands of tonnes of coal equivalent							
<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
<b>FINAL CONSUMPTION</b>	<b>2969</b>	<b>166</b>	<b>638</b>	<b>1121</b>	<b>298</b>	<b>416</b>	<b>330</b>
<b>INDUSTRY</b>	<b>341</b>	<b>59</b>	<b>98</b>	<b>14</b>	<b>1</b>	<b>100</b>	<b>69</b>
Iron and steel	-	-	-	-	-	-	-
Chemical and petrochem.	7	-	-	1	-	4	2
Non-metallic minerals	147	59	68	1	-	19	-
Transport equipment	-	-	-	-	-	-	-
Machinery	8	-	2	-	-	6	-
Mining and quarrying	5	-	-	3	-	2	-
Food and tobacco	123	-	22	2	-	37	62
Paper, pulp and print	5	-	3	-	-	1	1
Wood and wood products	10	-	-	-	1	9	-
Construction	10	-	1	7	-	2	-
Textile and leather	10	-	2	-	-	4	4
Not elsewhere specified	16	-	-	-	-	16	-
<b>TRANSPORT</b>	<b>906</b>	<b>-</b>	<b>17</b>	<b>883</b>	<b>-</b>	<b>6</b>	<b>-</b>
Domestic aviation	20	-	-	20	-	-	-
Road	857	-	3	849	-	5	-
Rail	13	-	-	13	-	-	-
Pipeline transport	15	-	14	-	-	1	-
Domestic navigation	-	-	-	-	-	-	-
Non-specified	1	-	-	1	-	-	-
<b>OTHER</b>	<b>1681</b>	<b>107</b>	<b>523</b>	<b>183</b>	<b>297</b>	<b>310</b>	<b>261</b>
Residential	1206	67	395	85	286	190	183
Comm. and public services	378	40	125	12	11	113	77
Agriculture/forestry	97	-	3	86	-	7	1
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>41</b>	<b>-</b>	<b>-</b>	<b>41</b>	<b>-</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

## 1.7. Energy balance in 2012

thousands of tonnes of oil equivalent

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	<b>Coal</b>	<b>Natural gas</b>	<b>Oil products</b>	<b>Biofuels and waste</b>	<b>Electricit y</b>	<b>Heat</b>
Primary Production	245	-	-	11	231	3	-
From other sources	209	-	-	-	-	209	-
Imports	1832	113	885	761	-	73	-
Exports	19	-	-	18	1	-	-
International bunkers	-8	-	-	-8	-	-	-
Stock changes	8	3	-	10	-5	-	-
<b>Gross consumption</b>	<b>2267</b>	<b>116</b>	<b>885</b>	<b>756</b>	<b>225</b>	<b>285</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>444</b>	<b>2</b>	<b>400</b>	<b>34</b>	<b>5</b>	<b>3</b>	<b>-</b>
Electricity plants	3	-	-	-	-	3	-
Main activity producer combined heat and power (CHP) plants	292	-	292	-	-	-	-
Autoproducer combined heat and power (CHP) plants	22	-	11	11	-	-	-
Main activity producer heat plants	53	-	53	-	-	-	-
Autoproducer heat plants	52	2	44	1	5	-	-
Oil refineries	22	-	-	22	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified - transformation	-	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>357</b>	<b>-</b>	<b>-</b>	<b>18</b>	<b>-</b>	<b>80</b>	<b>259</b>
Electricity plants	3	-	-	-	-	3	-
Main activity producer combined heat and power (CHP) plants	227	-	-	-	-	74	153
Autoproducer combined heat and power (CHP) plants	19	-	-	-	-	3	16
Main activity producer heat plants	46	-	-	-	-	-	46
Autoproducer heat plants	44	-	-	-	-	-	44
Oil refineries	18	-	-	18	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified — transformation	-	-	-	-	-	-	-
<b>Energy sector</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>-</b>
<b>LOSSES</b>	<b>159</b>	<b>-</b>	<b>64</b>	<b>4</b>	<b>-</b>	<b>50</b>	<b>41</b>

thousands of tonnes of oil equivalent							
<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	<b>Coal</b>	<b>Natural gas</b>	<b>Oil products</b>	<b>Biofuels and waste</b>	<b>Electricity</b>	<b>Heat</b>
<b>FINAL CONSUMPTION</b>	<b>2007</b>	<b>114</b>	<b>421</b>	<b>736</b>	<b>220</b>	<b>298</b>	<b>218</b>
<b>INDUSTRY</b>	<b>239</b>	<b>31</b>	<b>63</b>	<b>30</b>	<b>1</b>	<b>71</b>	<b>43</b>
Iron and steel	-	-	-	-	-	-	-
Chemical and petrochem.	3	-	-	-	-	3	-
Non-metallic minerals	106	29	44	21	-	12	-
Transport equipment	-	-	-	-	-	-	-
Machinery	4	-	-	-	-	4	-
Mining and quarrying	2	-	-	1	-	1	-
Food and tobacco	50	2	17	2	-	29	-
Paper, pulp and print	43	-	1	-	1	1	40
Wood and wood products	7	-	-	-	-	6	1
Construction	8	-	1	6	-	1	-
Textile and leather	3	-	-	-	-	3	-
Not elsewhere specified	13	-	-	-	-	11	2
<b>TRANSPORT</b>	<b>561</b>	<b>-</b>	<b>11</b>	<b>546</b>	<b>-</b>	<b>4</b>	<b>-</b>
Domestic aviation	15	-	-	15	-	-	-
Road	521	-	2	516	-	3	-
Rail	14	-	-	14	-	-	-
Pipeline transport	10	-	9	-	-	1	-
Domestic navigation	-	-	-	-	-	-	-
Non-specified	1	-	-	1	-	-	-
<b>OTHER</b>	<b>1164</b>	<b>83</b>	<b>347</b>	<b>117</b>	<b>219</b>	<b>223</b>	<b>175</b>
Residential	834	59	250	62	210	135	118
Comm. and public services	270	24	94	4	8	84	56
Agriculture/forestry	60	-	3	51	1	4	1
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>43</b>	<b>-</b>	<b>-</b>	<b>43</b>	<b>-</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

## 1.8. Energy balance in 2012

TeraJoule

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
Primary Production	<b>10252</b>	-	4	473	9653	122	-
From other sources	<b>8755</b>	-	-	-	-	8755	-
Imports	<b>76881</b>	4745	37091	31984	14	3047	-
Exports	<b>807</b>	-	-	769	38	-	-
International bunkers	<b>-342</b>	-	-	-342	-	-	-
Stock changes	<b>410</b>	109	-1	460	-158	-	-
<b>Gross consumption</b>	<b>95149</b>	<b>4854</b>	<b>37094</b>	<b>31806</b>	<b>9471</b>	<b>11924</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>18672</b>	<b>74</b>	<b>16768</b>	<b>1452</b>	<b>256</b>	<b>122</b>	<b>-</b>
Electricity plants	<b>139</b>	-	7	10	-	122	-
Main activity producer combined heat and power (CHP) plants	<b>12243</b>	-	12243	-	-	-	-
Autoproducer combined heat and power (CHP) plants	<b>948</b>	-	448	500	-	-	-
Main activity producer heat plants	<b>2205</b>	-	2205	-	-	-	-
Autoproducer heat plants	<b>2223</b>	74	1865	54	230	-	-
Oil refineries	<b>668</b>	-	-	668	-	-	-
Petrochemical plants	<b>220</b>	-	-	220	-	-	-
Liquefaction plants	<b>-</b>	-	-	-	-	-	-
Charcoal production plants	<b>26</b>	-	-	-	26	-	-
Not elsewhere specified - transformation	<b>-</b>	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>15013</b>	<b>-</b>	<b>-</b>	<b>779</b>	<b>-</b>	<b>3358</b>	<b>10876</b>
Electricity plants	<b>133</b>	-	-	-	-	133	-
Main activity producer combined heat and power (CHP) plants	<b>9546</b>	-	-	-	-	3120	6426
Autoproducer combined heat and power (CHP) plants	<b>807</b>	-	-	-	-	105	702
Main activity producer heat plants	<b>1911</b>	-	-	-	-	-	1911
Autoproducer heat plants	<b>1837</b>	-	-	-	-	-	1837
Oil refineries	<b>779</b>	-	-	779	-	-	-
Petrochemical plants	<b>-</b>	-	-	-	-	-	-
Liquefaction plants	<b>-</b>	-	-	-	-	-	-
Charcoal production plants	<b>-</b>	-	-	-	-	-	-
Not elsewhere specified — transformation	<b>-</b>	-	-	-	-	-	-
<b>Energy sector</b>	<b>616</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>598</b>	<b>18</b>
<b>LOSSES</b>	<b>7213</b>	<b>11</b>	<b>3191</b>	<b>201</b>	<b>2</b>	<b>2070</b>	<b>1738</b>

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<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
<b>FINAL CONSUMPTION</b>	<b>83661</b>	<b>4769</b>	<b>17135</b>	<b>30932</b>	<b>9213</b>	<b>12492</b>	<b>9120</b>
<b>INDUSTRY</b>	<b>10167</b>	<b>1288</b>	<b>2687</b>	<b>1250</b>	<b>55</b>	<b>3044</b>	<b>1845</b>
Iron and steel	7	2	-	-	-	5	-
Chemical and petrochem.	168	-	13	15	-	126	14
Non-metallic minerals	4399	1191	1832	868	-	505	3
Transport equipment	-	-	-	-	-	-	-
Machinery	212	-	19	3	-	177	13
Mining and quarrying	100	-	-	45	-	55	-
Food and tobacco	3780	94	710	88	8	1209	1671
Paper, pulp and print	131	-	49	-	-	44	38
Wood and wood products	318	-	9	2	45	257	5
Construction	311	-	30	225	-	56	-
Textile and leather	266	1	17	3	2	144	101
Not elsewhere specified	475	-	8	1	-	466	-
<b>TRANSPORT</b>	<b>23552</b>	<b>8</b>	<b>441</b>	<b>22906</b>	<b>-</b>	<b>197</b>	<b>-</b>
Domestic aviation	628	-	-	628	-	-	-
Road	21842	-	78	21626	-	138	-
Rail	607	8	-	599	-	-	-
Pipeline transport	422	-	363	-	-	59	-
Domestic navigation	3	-	-	3	-	-	-
Non-specified	50	-	-	50	-	-	-
<b>OTHER</b>	<b>48077</b>	<b>3473</b>	<b>14007</b>	<b>4914</b>	<b>9157</b>	<b>9251</b>	<b>7275</b>
Residential	34987	2463	10498	2592	8799	5679	4956
Comm. and public services	10569	1004	3377	200	325	3387	2276
Agriculture/forestry	2521	6	132	2122	33	185	43
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>1865</b>	<b>-</b>	<b>-</b>	<b>1862</b>	<b>1</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

## 1.9. Energy balance in 2012

thousands of tonnes of coal equivalent

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	<b>Coal</b>	<b>Natural gas</b>	<b>Oil products</b>	<b>Biofuels and waste</b>	<b>Electricity</b>	<b>Heat</b>
Primary Production	350	-	-	16	330	4	-
From other sources	298	-	-	-	-	298	-
Imports	2620	162	1264	1090	-	104	-
Exports	27	-	-	26	1	-	-
International bunkers	-12	-	-	-12	-	-	-
Stock changes	12	3	-	16	-7	-	-
<b>Gross consumption</b>	<b>3241</b>	<b>165</b>	<b>1264</b>	<b>1084</b>	<b>322</b>	<b>406</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>636</b>	<b>3</b>	<b>571</b>	<b>50</b>	<b>8</b>	<b>4</b>	<b>-</b>
Electricity plants	5	-	1	-	-	4	-
Main activity producer combined heat and power (CHP) plants	388	-	388	-	-	-	-
Autoproducer combined heat and power (CHP) plants	41	-	24	17	-	-	-
Main activity producer heat plants	71	-	71	-	-	-	-
Autoproducer heat plants	101	3	87	3	8	-	-
Oil refineries	30	-	-	30	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified - transformation	-	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>512</b>	<b>-</b>	<b>-</b>	<b>27</b>	<b>-</b>	<b>114</b>	<b>371</b>
Electricity plants	4	-	-	-	-	4	-
Main activity producer combined heat and power (CHP) plants	325	-	-	-	-	106	219
Autoproducer combined heat and power (CHP) plants	27	-	-	-	-	4	23
Main activity producer heat plants	66	-	-	-	-	-	66
Autoproducer heat plants	63	-	-	-	-	-	63
Oil refineries	27	-	-	27	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	-	-	-	-	-	-	-
Not elsewhere specified — transformation	-	-	-	-	-	-	-
<b>Energy sector</b>	<b>21</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>1</b>
<b>LOSSES</b>	<b>229</b>	<b>-</b>	<b>93</b>	<b>6</b>	<b>-</b>	<b>70</b>	<b>60</b>



thousands of tonnes of coal equivalent							
<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	<b>Coal</b>	<b>Natural gas</b>	<b>Oil products</b>	<b>Biofuels and waste</b>	<b>Electricity</b>	<b>Heat</b>
<b>FINAL CONSUMPTION</b>	<b>2867</b>	<b>162</b>	<b>600</b>	<b>1055</b>	<b>314</b>	<b>426</b>	<b>310</b>
<b>INDUSTRY</b>	<b>343</b>	<b>44</b>	<b>91</b>	<b>42</b>	<b>1</b>	<b>104</b>	<b>61</b>
Iron and steel	-	-	-	-	-	-	-
Chemical and petrochem.	4	-	-	-	-	4	-
Non-metallic minerals	150	41	62	30	-	17	-
Transport equipment	-	-	-	-	-	-	-
Machinery	7	-	1	-	-	6	-
Mining and quarrying	3	-	-	1	-	2	-
Food and tobacco	128	3	24	3	-	41	57
Paper, pulp and print	5	-	2	-	-	2	1
Wood and wood products	10	-	-	-	1	9	-
Construction	11	-	1	8	-	2	-
Textile and leather	9	-	1	-	-	5	3
Not elsewhere specified	16	-	-	-	-	16	-
<b>TRANSPORT</b>	<b>805</b>	<b>-</b>	<b>16</b>	<b>782</b>	<b>-</b>	<b>7</b>	<b>-</b>
Domestic aviation	21	-	-	21	-	-	-
Road	747	-	3	739	-	5	-
Rail	20	-	-	20	-	-	-
Pipeline transport	15	-	13	-	-	2	-
Domestic navigation	-	-	-	-	-	-	-
Non-specified	2	-	-	2	-	-	-
<b>OTHER</b>	<b>1656</b>	<b>118</b>	<b>493</b>	<b>168</b>	<b>313</b>	<b>315</b>	<b>249</b>
Residential	1192	84	358	88	299	194	169
Comm. and public services	380	34	131	8	13	115	79
Agriculture/forestry	84	-	4	72	1	6	1
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>63</b>	<b>-</b>	<b>-</b>	<b>63</b>	<b>-</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

### 1.10. Energy balance in 2013

thousands of tonnes of oil equivalent

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
Primary Production	<b>283</b>	-	-	10	269	4	-
From other sources	<b>161</b>	-	-	-	-	161	-
Imports	<b>1924</b>	156	833	810	-	125	-
Exports	<b>34</b>	-	-	34	-	-	-
International bunkers	<b>-9</b>	-	-	-9	-	-	-
Stock changes	<b>-7</b>	-6	1	-1	-1	-	-
<b>Gross consumption</b>	<b>2318</b>	<b>150</b>	<b>834</b>	<b>776</b>	<b>268</b>	<b>290</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>454</b>	<b>8</b>	<b>398</b>	<b>36</b>	<b>8</b>	<b>4</b>	<b>-</b>
Electricity plants	<b>6</b>	-	1	-	1	4	-
Main activity producer combined heat and power (CHP) plants	<b>270</b>	-	270	-	-	-	-
Autoproducer combined heat and power (CHP) plants	<b>31</b>	-	17	14	-	-	-
Main activity producer heat plants	<b>49</b>	-	49	-	-	-	-
Autoproducer heat plants	<b>76</b>	8	61	1	6	-	-
Oil refineries	<b>-</b>	-	-	-	-	-	-
Petrochemical plants	<b>21</b>	-	-	21	-	-	-
Liquefaction plants	<b>-</b>	-	-	-	-	-	-
Charcoal production plants	<b>1</b>	-	-	-	1	-	-
Not elsewhere specified - transformation	<b>-</b>	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>364</b>	<b>-</b>	<b>-</b>	<b>18</b>	<b>-</b>	<b>78</b>	<b>268</b>
Electricity plants	<b>5</b>	-	-	-	-	5	-
Main activity producer combined heat and power (CHP) plants	<b>210</b>	-	-	-	-	70	140
Autoproducer combined heat and power (CHP) plants	<b>28</b>	-	-	-	-	3	25
Main activity producer heat plants	<b>41</b>	-	-	-	-	-	41
Autoproducer heat plants	<b>62</b>	-	-	-	-	-	62
Oil refineries	<b>18</b>	-	-	18	-	-	-
Petrochemical plants	<b>-</b>	-	-	-	-	-	-
Liquefaction plants	<b>-</b>	-	-	-	-	-	-
Charcoal production plants	<b>-</b>	-	-	-	-	-	-
Not elsewhere specified — transformation	<b>-</b>	-	-	-	-	-	-
<b>Energy sector</b>	<b>51</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>51</b>	<b>-</b>
<b>LOSSES</b>	<b>116</b>	<b>-</b>	<b>64</b>	<b>5</b>	<b>-</b>	<b>7</b>	<b>40</b>

thousands of tonnes of oil equivalent							
<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
<b>FINAL CONSUMPTION</b>	<b>2061</b>	<b>142</b>	<b>372</b>	<b>753</b>	<b>260</b>	<b>306</b>	<b>228</b>
<b>INDUSTRY</b>	<b>257</b>	<b>55</b>	<b>58</b>	<b>16</b>	<b>1</b>	<b>75</b>	<b>52</b>
Iron and steel	-	-	-	-	-	-	-
Chemical and petrochem.	5	-	-	1	-	3	1
Non-metallic minerals	114	53	38	8	-	15	-
Transport equipment	-	-	-	-	-	-	-
Machinery	5	-	1	-	-	4	-
Mining and quarrying	3	-	-	2	-	1	-
Food and tobacco	98	2	16	2	1	30	47
Paper, pulp and print	2	-	-	-	-	1	1
Wood and wood products	6	-	1	-	-	5	-
Construction	5	-	1	3	-	1	-
Textile and leather	6	-	1	-	-	3	2
Not elsewhere specified	13	-	-	-	-	12	1
<b>TRANSPORT</b>	<b>586</b>	<b>-</b>	<b>6</b>	<b>575</b>	<b>-</b>	<b>5</b>	<b>-</b>
Domestic aviation	13	-	-	13	-	-	-
Road	556	-	1	552	-	3	-
Rail	9	-	-	9	-	-	-
Pipeline transport	7	-	5	-	-	2	-
Domestic navigation	-	-	-	-	-	-	-
Non-specified	1	-	-	1	-	-	-
<b>OTHER</b>	<b>1176</b>	<b>87</b>	<b>308</b>	<b>120</b>	<b>259</b>	<b>226</b>	<b>176</b>
Residential	857	61	234	63	251	139	109
Comm. and public services	255	26	70	3	7	82	67
Agriculture/forestry	64	-	4	54	1	5	-
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>42</b>	<b>-</b>	<b>-</b>	<b>42</b>	<b>-</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

### 1.11. Energy balance in 2013

TeraJoule

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
Primary Production	11833	-	4	404	11257	168	-
From other sources	6748	-	-	-	-	6748	-
Imports	80605	6486	34921	33938	15	5245	-
Exports	1410	-	-	1378	32	-	-
International bunkers	-373	-	-	-373	-	-	-
Stock changes	-175	-184	66	-23	-34	-	-
<b>Gross consumption</b>	<b>97228</b>	<b>6302</b>	<b>34991</b>	<b>32568</b>	<b>11206</b>	<b>12161</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>19039</b>	<b>348</b>	<b>16688</b>	<b>1499</b>	<b>336</b>	<b>168</b>	<b>-</b>
Electricity plants	218	-	30	10	10	168	-
Main activity producer combined heat and power (CHP) plants	11318	-	11318	-	-	-	-
Autoproducer combined heat and power (CHP) plants	1304	-	713	565	26	-	-
Main activity producer heat plants	2082	-	2082	-	-	-	-
Autoproducer heat plants	3216	348	2545	54	269	-	-
Oil refineries	695	-	-	695	-	-	-
Petrochemical plants	175	-	-	175	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	31	-	-	-	31	-	-
Not elsewhere specified - transformation	-	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>15287</b>	<b>-</b>	<b>-</b>	<b>775</b>	<b>16</b>	<b>3261</b>	<b>11235</b>
Electricity plants	200	-	-	-	-	200	-
Main activity producer combined heat and power (CHP) plants	8805	-	-	-	-	2935	5870
Autoproducer combined heat and power (CHP) plants	1172	-	-	-	-	126	1046
Main activity producer heat plants	1700	-	-	-	-	-	1700
Autoproducer heat plants	2619	-	-	-	-	-	2619
Oil refineries	775	-	-	775	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	16	-	-	-	16	-	-
Not elsewhere specified — transformation	-	-	-	-	-	-	-
<b>Energy sector</b>	<b>2152</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2129</b>	<b>23</b>
<b>LOSSES</b>	<b>4977</b>	<b>34</b>	<b>2707</b>	<b>244</b>	<b>11</b>	<b>308</b>	<b>1673</b>

TeraJoule

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
<b>FINAL CONSUMPTION</b>	<b>86347</b>	<b>5920</b>	<b>15596</b>	<b>31600</b>	<b>10875</b>	<b>12817</b>	<b>9539</b>
<b>INDUSTRY</b>	<b>10692</b>	<b>2253</b>	<b>2445</b>	<b>692</b>	<b>35</b>	<b>3146</b>	<b>2121</b>
Iron and steel	14	2	1	-	-	11	-
Chemical and petrochem.	215	-	21	18	7	144	25
Non-metallic minerals	4711	2173	1589	339	-	606	4
Transport equipment	4	-	-	-	-	4	-
Machinery	183	-	13	-	-	166	4
Mining and quarrying	146	-	-	85	-	61	-
Food and tobacco	4068	78	676	90	15	1247	1962
Paper, pulp and print	139	-	74	-	-	40	25
Wood and wood products	212	-	4	-	13	191	4
Construction	242	-	45	160	-	37	-
Textile and leather	244	-	17	-	-	148	79
Not elsewhere specified	514	-	5	-	-	491	18
<b>TRANSPORT</b>	<b>24526</b>	<b>-</b>	<b>290</b>	<b>24024</b>	<b>-</b>	<b>212</b>	<b>-</b>
Domestic aviation	545	-	-	545	-	-	-
Road	23142	-	65	22940	-	137	-
Rail	383	-	-	383	-	-	-
Pipeline transport	300	-	225	-	-	75	-
Domestic navigation	3	-	-	3	-	-	-
Non-specified	153	-	-	153	-	-	-
<b>OTHER</b>	<b>49320</b>	<b>3667</b>	<b>12861</b>	<b>5075</b>	<b>10840</b>	<b>9459</b>	<b>7418</b>
Residential	35875	2548	9788	2661	10517	5805	4556
Comm. and public services	10745	1099	2925	141	291	3465	2824
Agriculture/forestry	2700	20	148	2273	32	189	38
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>1809</b>	<b>-</b>	<b>-</b>	<b>1809</b>	<b>-</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

## 1.12. Energy balance in 2013

thousands of tonnes of coal equivalent

<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	Coal	Natural gas	Oil products	Biofuels and waste	Electricity	Heat
Primary Production	405	-	-	14	385	6	-
From other sources	230	-	-	-	-	230	-
Imports	2748	221	1190	1157	1	179	-
Exports	48	-	-	47	1	-	-
International bunkers	-12	-	-	-12	-	-	-
Stock changes	-4	-6	2	-	-	-	-
<b>Gross consumption</b>	<b>3319</b>	<b>215</b>	<b>1192</b>	<b>1112</b>	<b>385</b>	<b>415</b>	<b>-</b>
<b>TRANSFORMATION, INPUT</b>	<b>649</b>	<b>12</b>	<b>569</b>	<b>51</b>	<b>11</b>	<b>6</b>	<b>-</b>
Electricity plants	7	-	1	-	-	6	-
Main activity producer combined heat and power (CHP) plants	386	-	386	-	-	-	-
Autoproducer combined heat and power (CHP) plants	44	-	24	19	1	-	-
Main activity producer heat plants	71	-	71	-	-	-	-
Autoproducer heat plants	110	12	87	2	9	-	-
Oil refineries	30	-	-	30	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	1	-	-	-	1	-	-
Not elsewhere specified - transformation	-	-	-	-	-	-	-
<b>TRANSFORMATION, OUTPUT</b>	<b>521</b>	<b>-</b>	<b>-</b>	<b>26</b>	<b>1</b>	<b>111</b>	<b>383</b>
Electricity plants	7	-	-	-	-	7	-
Main activity producer combined heat and power (CHP) plants	300	-	-	-	-	100	200
Autoproducer combined heat and power (CHP) plants	40	-	-	-	-	4	36
Main activity producer heat plants	58	-	-	-	-	-	58
Autoproducer heat plants	89	-	-	-	-	-	89
Oil refineries	26	-	-	26	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Charcoal production plants	1	-	-	-	1	-	-
Not elsewhere specified — transformation	-	-	-	-	-	-	-
<b>Energy sector</b>	<b>73</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>73</b>	<b>-</b>
<b>LOSSES</b>	<b>165</b>	<b>1</b>	<b>91</b>	<b>6</b>	<b>-</b>	<b>10</b>	<b>57</b>

thousands of tonnes of coal equivalent							
<b>SUPPLY AND CONSUMPTION</b>	<b>Total products</b>	<b>Coal</b>	<b>Natural gas</b>	<b>Oil products</b>	<b>Biofuels and waste</b>	<b>Electricity</b>	<b>Heat</b>
<b>FINAL CONSUMPTION</b>	<b>2953</b>	<b>202</b>	<b>532</b>	<b>1081</b>	<b>375</b>	<b>437</b>	<b>326</b>
<b>INDUSTRY</b>	<b>369</b>	<b>78</b>	<b>83</b>	<b>24</b>	<b>2</b>	<b>108</b>	<b>74</b>
Iron and steel	-	-	-	-	-	-	-
Chemical and petrochem.	8	-	-	1	1	5	1
Non-metallic minerals	163	76	54	12	-	21	-
Transport equipment	-	-	-	-	-	-	-
Machinery	7	-	1	-	-	6	-
Mining and quarrying	5	-	-	3	-	2	-
Food and tobacco	139	2	23	3	1	43	67
Paper, pulp and print	2	-	-	-	-	1	1
Wood and wood products	9	-	2	-	-	7	-
Construction	8	-	2	5	-	1	-
Textile and leather	9	-	1	-	-	5	3
Not elsewhere specified	19	-	-	-	-	17	2
<b>TRANSPORT</b>	<b>839</b>	<b>-</b>	<b>10</b>	<b>822</b>	<b>-</b>	<b>7</b>	<b>-</b>
Domestic aviation	19	-	-	19	-	-	-
Road	796	-	2	789	-	5	-
Rail	13	-	-	13	-	-	-
Pipeline transport	10	-	8	-	-	2	-
Domestic navigation	-	-	-	-	-	-	-
Non-specified	1	-	-	1	-	-	-
<b>OTHER</b>	<b>1683</b>	<b>124</b>	<b>439</b>	<b>173</b>	<b>373</b>	<b>322</b>	<b>252</b>
Residential	1227	87	334	91	362	198	155
Comm. and public services	366	37	100	5	10	118	96
Agriculture/forestry	90	-	5	77	1	6	1
Not elsewhere specified	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>62</b>	<b>-</b>	<b>-</b>	<b>62</b>	<b>-</b>	<b>-</b>	<b>-</b>
Statistical differences	-	-	-	-	-	-	-

## 2. THE BALANCE OF THE ENERGY PRODUCTS

### 2.1. THE BALANCE OF THE ENERGY PRODUCTS FOR 2010

	thous. tons							
	Coal	inclusive anthracite	Coaking coal	Other bituminous coal (steam coal)	Sub-bituminous coal	Lignite/brown coal	Coke oven coke	Patent fuel
Production	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-
Imports	181	117	-	64	-	-	4	-
Exports	-	-	-	-	-	-	-	-
Bunkers	-	-	-	-	-	-	-	-
Stock changes	5	12	-	-7	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>186</b>	<b>129</b>	<b>-</b>	<b>57</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>-</b>
Transfers	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>3</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Electricity plants	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-
Heat plants	3	3	-	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Fuel mining and extraction	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>5</b>	<b>1</b>	<b>-</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>FINAL CONSUMPTION</b>	<b>178</b>	<b>125</b>	<b>-</b>	<b>53</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>-</b>
<b>INDUSTRY</b>	<b>52</b>	<b>10</b>	<b>-</b>	<b>42</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>-</b>
Manufacture of basic metals	-	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	49	7	-	42	-	-	4	-
Transport equipment	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	3	3	-	-	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Manufacture of textile and leather products	-	-	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-	-
<b>TRANSPORT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Domestic aviation transport	-	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	-	-	-
Rail transport	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-	-
<b>OTHER</b>	<b>126</b>	<b>115</b>	<b>-</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Residential	83	83	-	-	-	-	-	-
Commercial and public services	43	32	-	11	-	-	-	-
Agriculture/Forestry	-	-	-	-	-	-	-	-
Other activities	-	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>



Continued					
	Gasworks gas (TJ)	Gas coke (TJ)	Recovered gases (TJ)	Peat (thous. tons)	Natural gas (TJ)
Production	-	-	-	-	3
From other sources	-	-	-	-	-
Imports	-	-	-	-	40218
Exports	-	-	-	-	-
Bunkers	-	-	-	-	-
Stock changes	-	-	-	-	62
<b>DOMESTIC SUPPLY</b>	-	-	-	-	<b>40283</b>
Transfers	-	-	-	-	-
Statistical differences	-	-	-	-	-
<b>TRANSFORMATION</b>	-	-	-	-	<b>18220</b>
Electricity plants	-	-	-	-	21
CHP plants	-	-	-	-	13806
Heat plants	-	-	-	-	4393
Blast Furnaces	-	-	-	-	-
Gas works	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-
Oil refineries	-	-	-	-	-
Petrochemical plants	-	-	-	-	-
Liquefaction plants	-	-	-	-	-
Other transformation	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-
Oil refineries	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-
Pumped storage plants	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-
<b>LOSSES</b>	-	-	-	-	<b>3071</b>
<b>FINAL CONSUMPTION</b>	-	-	-	-	<b>18992</b>
<b>INDUSTRY</b>	-	-	-	-	<b>2693</b>
Manufacture of basic metals	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	4
Manufacture of non-metallic mineral products	-	-	-	-	1989
Transport equipment	-	-	-	-	-
Machinery	-	-	-	-	19
Mining and quarrying	-	-	-	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	565
Manufacture of paper and paper products	-	-	-	-	33
Wood and wood products	-	-	-	-	7
Construction	-	-	-	-	46
Manufacture of textile and leather products	-	-	-	-	27
Other industrial activities	-	-	-	-	3
<b>TRANSPORT</b>	-	-	-	-	<b>319</b>
Domestic aviation transport	-	-	-	-	-
Road transport	-	-	-	-	48
Rail transport	-	-	-	-	-
Pipeline transport	-	-	-	-	271
Domestic navigation transport	-	-	-	-	-
Other fields of activity	-	-	-	-	-
<b>OTHER</b>	-	-	-	-	<b>15969</b>
Residential	-	-	-	-	12308
Commercial and public services	-	-	-	-	3565
Agriculture/Forestry	-	-	-	-	96
Other activities	-	-	-	-	-
<b>NON-ENERGY USE</b>	-	-	-	-	<b>11</b>

Continued

	Oil (thous. tons)	Liquefied natural gas (thous. tons)	Feed-stocks (thous. tons)	Additives/ oxygenates (thous. tons)	Refinery gas (not liquefied) (thous. tons)	Ethane (thous. tons)
Production	11	-	-	-	-	-
From other sources	-	-	-	-	-	-
Imports	-	67	-	-	-	-
Exports	-	2	-	-	-	-
Bunkers	-	-	-	-	-	-
Stock changes	1	2	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>12</b>	<b>67</b>	-	-	-	-
Transfers	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-
<b>TRANSFORMATION</b>	-	-	-	-	-	-
Electricity plants	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-
Gas works	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-	-
<b>LOSSES</b>	<b>1</b>	<b>1</b>	-	-	-	-
<b>FINAL CONSUMPTION</b>	<b>11</b>	<b>66</b>	-	-	-	-
<b>INDUSTRY</b>	-	<b>2</b>	-	-	-	-
Manufacture of basic metals	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-
Machinery	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	-	1	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-
Construction	-	1	-	-	-	-
Manufacture of textile and leather products	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-
<b>TRANSPORT</b>	-	<b>14</b>	-	-	-	-
Domestic aviation transport	-	-	-	-	-	-
Road transport	-	14	-	-	-	-
Rail transport	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-
<b>OTHER</b>	-	<b>50</b>	-	-	-	-
Residential	-	40	-	-	-	-
Commercial and public services	-	10	-	-	-	-
Agriculture/Forestry	-	-	-	-	-	-
Other activities	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>11</b>	-	-	-	-	-

Continued							
	Motor gasoline (thous. tons)	Aviation fuels (thous. tons)	Gasoline type jet fuel (thous. tons)	Other kerosene (thous. tons)	Diesel oil (thous. tons)	Lubricants (thous. tons)	Bitumen (thous. tons)
Production	-	-	-	-	4	5	-
From other sources	-	-	-	-	-	-	-
Imports	186	-	17	-	400	9	22
Exports	-	-	-	-	-	4	-
Bunkers	-	-	-5	-	-	-	-
Stock changes	13	-	1	-	15	-	-1
<b>DOMESTIC SUPPLY</b>	<b>199</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>419</b>	<b>10</b>	<b>21</b>
Transfers	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
Electricity plants	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-
Heat plants	-	-	-	-	1	-	-
Blast Furnaces	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Fuel mining and extraction	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
<b>FINAL CONSUMPTION</b>	<b>198</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>417</b>	<b>10</b>	<b>21</b>
<b>INDUSTRY</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-</b>
Manufacture of basic metals	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	1	-	-
Transport equipment	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	1	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	2	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-
Construction	-	-	-	-	3	-	-
Manufacture of textile and leather products	-	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-
<b>TRANSPORT</b>	<b>197</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>344</b>	<b>-</b>	<b>-</b>
Domestic aviation transport	-	-	13	-	-	-	-
Road transport	197	-	-	-	330	-	-
Rail transport	-	-	-	-	14	-	-
Pipeline transport	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-
<b>OTHER</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>65</b>	<b>-</b>	<b>-</b>
Residential	-	-	-	-	-	-	-
Commercial and public services	-	-	-	-	3	-	-
Agriculture/Forestry	-	-	-	-	62	-	-
Other activities	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>10</b>	<b>21</b>

	Solid biofuels (TJ)	inclusive wood (TJ)	inclusive wood wastes (TJ)	inclusive agricultural waste (TJ)	Liquid biofuels (TJ)	Biogases (TJ)	Waste/ Other (TJ)
Production	7160	6208	197	755	-	-	-
From other sources	-	-	-	-	-	-	-
Imports	16	-	5	11	-	-	-
Exports	150	-	-	150	-	-	-
Bunkers	-	-	-	-	-	-	-
Stock changes	403	287	98	18	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>7429</b>	<b>6495</b>	<b>300</b>	<b>634</b>	-	-	-
Transfers	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>518</b>	<b>2</b>	<b>2</b>	<b>514</b>	-	-	-
Electricity plants	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-
Heat plants	518	2	2	514	-	-	-
Blast Furnaces	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>7</b>	<b>7</b>	-	-	-	-	-
<b>FINAL CONSUMPTION</b>	<b>6904</b>	<b>6486</b>	<b>298</b>	<b>120</b>	-	-	-
<b>INDUSTRY</b>	<b>27</b>	<b>11</b>	<b>16</b>	-	-	-	-
Manufacture of basic metals	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	-	-	-
Transport equipment	2	2	-	-	-	-	-
Machinery	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	4	2	2	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-
Wood and wood products	21	7	14	-	-	-	-
Construction	-	-	-	-	-	-	-
Manufacture of textile and leather products	-	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-
<b>TRANSPORT</b>	-	-	-	-	-	-	-
Domestic aviation transport	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	-	-
Rail transport	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-
<b>OTHER</b>	<b>6872</b>	<b>6471</b>	<b>281</b>	<b>120</b>	-	-	-
Residential	6522	6219	237	66	-	-	-
Commercial and public services	329	237	44	48	-	-	-
Agriculture/Forestry	21	15	-	6	-	-	-
Other activities	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>5</b>	<b>4</b>	<b>1</b>	-	-	-	-

Continued

	Fuel oil (thous. tons)	Naphta (thous. tons)	Petroleum coke (thous. tons)	Other products (thous. tons)	Electricity (GWh)	Heat (TJ)
Production	12	-	-	-	1064	12039
From other sources	-	-	-	-	3008	-
Imports	18	-	-	2	25	-
Exports	3	-	-	-	-	-
Bunkers	-	-	-	-	-	-
Stock changes	6	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>33</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>4097</b>	<b>12039</b>
Transfers	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>28</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Electricity plants	20	-	-	-	-	-
CHP plants	-	-	-	-	-	-
Heat plants	2	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-
Gas works	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-
Oil refineries	6	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>341</b>	<b>21</b>
Fuel mining and extraction	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	141	-
Pumped storage plants	-	-	-	-	-	-
Other energy ing. own use	-	-	-	-	200	21
<b>LOSSES</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>468</b>	<b>1994</b>
<b>FINAL CONSUMPTION</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>3288</b>	<b>10024</b>
<b>INDUSTRY</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>790</b>	<b>2208</b>
Manufacture of basic metals	-	-	-	-	2	-
Manufacture of chemicals and chemical products	-	-	-	-	29	35
Manufacture of non-metallic mineral products	1	-	-	-	157	13
Transport equipment	-	-	-	-	47	7
Machinery	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	15	-
Manufacture of food, beverages and tobacco products	-	-	-	-	285	1980
Manufacture of paper and paper products	-	-	-	-	11	58
Wood and wood products	-	-	-	-	66	3
Construction	1	-	-	-	13	9
Manufacture of textile and leather products	-	-	-	-	35	103
Other industrial activities	-	-	-	-	130	-
<b>TRANSPORT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>46</b>	<b>5</b>
Domestic aviation transport	-	-	-	-	-	-
Road transport	-	-	-	-	42	-
Rail transport	-	-	-	-	-	-
Pipeline transport	-	-	-	-	4	5
Domestic navigation transport	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-
<b>OTHER</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2452</b>	<b>7811</b>
Residential	-	-	-	-	1514	5548
Commercial and public services	3	-	-	-	783	2228
Agriculture/Forestry	-	-	-	-	54	35
Other activities	-	-	-	-	101	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>

## 2.2. THE BALANCE OF THE ENERGY PRODUCTS FOR 2011

	thous. tons							
	Coal	inclusive anthracite	Coaking coal	Other bituminous coal (steam coal)	Sub-bituminous coal	Lignite/ brown coal	Coke oven coke	Patent fuel
Production	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-
Imports	207	199	-	8	-	-	-	-
Exports	-	-	-	-	-	-	-	-
Bunkers	-	-	-	-	-	-	-	-
Stock changes	-9	-17	-	8	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>198</b>	<b>182</b>	<b>-</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Transfers	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>3</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Electricity plants	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-
Heat plants	3	2	-	1	-	-	-	-
Blast Furnaces	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Fuel mining and extraction	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>FINAL CONSUMPTION</b>	<b>194</b>	<b>179</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>INDUSTRY</b>	<b>72</b>	<b>71</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Manufacture of basic metals	-	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	69	68	-	1	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	3	3	-	-	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Manufacture of textile and leather products	-	-	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-	-
<b>TRANSPORT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Domestic aviation transport	-	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	-	-	-
Rail transport	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-	-
<b>OTHER</b>	<b>122</b>	<b>108</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Residential	75	72	-	3	-	-	-	-
Commercial and public services	47	36	-	11	-	-	-	-
Agriculture/Forestry	-	-	-	-	-	-	-	-
Other activities	-	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Continued					
	Gasworks gas (TJ)	Gas coke (TJ)	Recovered gases (TJ)	Peat (thous. tons)	Natural gas (TJ)
Production	-	-	-	-	2
From other sources	-	-	-	-	-
Imports	-	-	-	-	39011
Exports	-	-	-	-	-
Bunkers	-	-	-	-	-
Stock changes	-	-	-	-	-25
<b>DOMESTIC SUPPLY</b>	-	-	-	-	<b>38988</b>
Transfers	-	-	-	-	-
Statistical differences	-	-	-	-	-
<b>TRANSFORMATION</b>	-	-	-	-	<b>17310</b>
Electricity plants	-	-	-	-	10
CHP plants	-	-	-	-	13070
Heat plants	-	-	-	-	4230
Blast Furnaces	-	-	-	-	-
Gas works	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-
Oil refineries	-	-	-	-	-
Petrochemical plants	-	-	-	-	-
Liquefaction plants	-	-	-	-	-
Other transformation	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-
Oil refineries	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-
Pumped storage plants	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-
<b>LOSSES</b>	-	-	-	-	<b>3441</b>
<b>FINAL CONSUMPTION</b>	-	-	-	-	<b>18237</b>
<b>INDUSTRY</b>	-	-	-	-	<b>2766</b>
Manufacture of basic metals	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	4
Manufacture of non-metallic mineral products	-	-	-	-	1983
Transport equipment	-	-	-	-	-
Machinery	-	-	-	-	27
Mining and quarrying	-	-	-	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	644
Manufacture of paper and paper products	-	-	-	-	37
Wood and wood products	-	-	-	-	6
Construction	-	-	-	-	37
Manufacture of textile and leather products	-	-	-	-	26
Other industrial activities	-	-	-	-	2
<b>TRANSPORT</b>	-	-	-	-	<b>484</b>
Domestic aviation transport	-	-	-	-	-
Road transport	-	-	-	-	78
Rail transport	-	-	-	-	-
Pipeline transport	-	-	-	-	406
Domestic navigation transport	-	-	-	-	-
Other fields of activity	-	-	-	-	-
<b>OTHER</b>	-	-	-	-	<b>14987</b>
Residential	-	-	-	-	11663
Commercial and public services	-	-	-	-	3238
Agriculture/Forestry	-	-	-	-	86
Other activities	-	-	-	-	-
<b>NON-ENERGY USE</b>	-	-	-	-	-

	Oil (thous. tons)	Liquefied natural gas (thous. tons)	Feed-stocks (thous. tons)	Additives/ oxygenates (thous. tons)	Refinery gas (not liquefied) (thous. tons)	Ethane (thous. tons)
Production	13	-	-	-	-	-
From other sources	-	-	-	-	-	-
Imports	-	77	-	-	-	-
Exports	-	1	-	-	-	-
Bunkers	-	-	-	-	-	-
Stock changes	-1	-8	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>12</b>	<b>68</b>	-	-	-	-
Transfers	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>12</b>	-	-	-	-	-
Electricity plants	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-
Gas works	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-
Oil refineries	12	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-	-
<b>LOSSES</b>	-	<b>1</b>	-	-	-	-
<b>FINAL CONSUMPTION</b>	-	<b>67</b>	-	-	-	-
<b>INDUSTRY</b>	-	<b>1</b>	-	-	-	-
Manufacture of basic metals	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-
Machinery	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-
Construction	-	1	-	-	-	-
Manufacture of textile and leather products	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-
<b>TRANSPORT</b>	-	<b>10</b>	-	-	-	-
Domestic aviation transport	-	-	-	-	-	-
Road transport	-	10	-	-	-	-
Rail transport	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-
<b>OTHER</b>	-	<b>56</b>	-	-	-	-
Residential	-	54	-	-	-	-
Commercial and public services	-	2	-	-	-	-
Agriculture/Forestry	-	-	-	-	-	-
Other activities	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	-	-	-	-	-	-



Continued							
	Motor gasoline (thous. tons)	Aviation fuels (thous. tons)	Gasoline type jet fuel (thous. tons)	Other kerosene (thous. tons)	Diesel oil (thous. tons)	Lubricants (thous. tons)	Bitumen (thous. tons)
Production	-	-	-	-	4	5	-
From other sources	-	-	-	-	-	-	-
Imports	212	-	19	-	445	10	18
Exports	-	-	-	-	-	5	-
Bunkers	-	-	-6	-	-	-	-
Stock changes	-4	-	-	-	-3	-	1
<b>DOMESTIC SUPPLY</b>	<b>208</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>446</b>	<b>10</b>	<b>19</b>
Transfers	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	1	-	-
<b>TRANSFORMATION</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Electricity plants	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Fuel mining and extraction	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
<b>FINAL CONSUMPTION</b>	<b>206</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>444</b>	<b>10</b>	<b>19</b>
<b>INDUSTRY</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>-</b>
Manufacture of basic metals	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	1	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	2	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-
Construction	-	-	-	-	3	-	-
Manufacture of textile and leather products	-	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-
<b>TRANSPORT</b>	<b>206</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>373</b>	<b>-</b>	<b>-</b>
Domestic aviation transport	-	-	13	-	-	-	-
Road transport	206	-	-	-	360	-	-
Rail transport	-	-	-	-	13	-	-
Pipeline transport	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-
<b>OTHER</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>64</b>	<b>-</b>	<b>-</b>
Residential	-	-	-	-	-	-	-
Commercial and public services	-	-	-	-	5	-	-
Agriculture/Forestry	-	-	-	-	59	-	-
Other activities	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>10</b>	<b>19</b>

Continued

	Solid biofuels (TJ)	inclusive wood (TJ)	inclusive wood wastes (TJ)	inclusive agricultural waste (TJ)	Liquid biofuels (TJ)	Biogases (TJ)	Waste/ Other (TJ)
Production	8997	7959	180	858	-	-	-
From other sources	-	-	-	-	-	-	-
Imports	13	-	8	5	-	-	-
Exports	4	-	-	4	-	-	-
Bunkers	-	-	-	-	-	-	-
Stock changes	130	122	-1	9	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>9136</b>	<b>8081</b>	<b>187</b>	<b>868</b>	-	-	-
Transfers	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>400</b>	-	<b>1</b>	<b>399</b>	-	-	-
Electricity plants	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-
Heat plants	400	-	1	399	-	-	-
Blast Furnaces	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>8</b>	<b>8</b>	-	-	-	-	-
<b>FINAL CONSUMPTION</b>	<b>8728</b>	<b>8073</b>	<b>186</b>	<b>469</b>	-	-	-
<b>INDUSTRY</b>	<b>47</b>	<b>17</b>	<b>25</b>	<b>5</b>	-	-	-
Manufacture of basic metals	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-
Machinery	4	-	-	4	-	-	-
Mining and quarrying	-	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	6	3	2	1	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-
Wood and wood products	35	12	23	-	-	-	-
Construction	-	-	-	-	-	-	-
Manufacture of textile and leather products	2	2	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-
<b>TRANSPORT</b>	-	-	-	-	-	-	-
Domestic aviation transport	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	-	-
Rail transport	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-
<b>OTHER</b>	<b>8679</b>	<b>8055</b>	<b>160</b>	<b>464</b>	-	-	-
Residential	8365	7809	137	419	-	-	-
Commercial and public services	287	231	23	33	-	-	-
Agriculture/Forestry	27	15	-	12	-	-	-
Other activities	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>2</b>	<b>1</b>	<b>1</b>	-	-	-	-

## Continued

	Fuel oil (thous. tons)	inclusive sulphur <1%	Naphta (thous. tons)	Petroleum coke (thous. tons)	Other products (thous. tons)	Electricity (GWh)	Heat (TJ)
Production	10	2	-	-	-	1016	11402
From other sources	-	-	-	-	-	2479	-
Imports	17	4	-	-	5	666	-
Exports	7	1	-	-	2	-	-
Bunkers	-	-	-	-	-	-	-
Stock changes	4	1	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>24</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>4161</b>	<b>11402</b>
Transfers	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	1	-
<b>TRANSFORMATION</b>	<b>21</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>
Electricity plants	15	1	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-
Heat plants	1	-	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	5	5	-	-	2	-	-
Oil refineries	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>327</b>	<b>18</b>
Fuel mining and extraction	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	136	-
Pumped storage plants	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	191	18
<b>LOSSES</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>453</b>	<b>1688</b>
<b>FINAL CONSUMPTION</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>3380</b>	<b>9696</b>
<b>INDUSTRY</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>815</b>	<b>2033</b>
Manufacture of basic metals	-	-	-	-	-	1	-
Manufacture of chemicals and chemical products	-	-	-	-	-	31	54
Manufacture of non-metallic mineral products	1	-	-	-	-	158	6
Transport equipment	-	-	-	-	-	48	-
Machinery	-	-	-	-	-	-	10
Mining and quarrying	-	-	-	-	-	17	-
Manufacture of food, beverages and tobacco products	-	-	-	-	-	302	1808
Manufacture of paper and paper products	-	-	-	-	-	12	38
Wood and wood products	-	-	-	-	-	70	3
Construction	1	-	-	-	-	14	11
Manufacture of textile and leather products	-	-	-	-	-	35	103
Other industrial activities	-	-	-	-	-	127	-
<b>TRANSPORT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50</b>	<b>-</b>
Domestic aviation transport	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	41	-
Rail transport	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	9	-
Domestic navigation transport	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-
<b>OTHER</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2515</b>	<b>7663</b>
Residential	-	-	-	-	-	1547	5375
Commercial and public services	1	-	-	-	-	914	2245
Agriculture/Forestry	-	-	-	-	-	54	43
Other activities	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>

## 2.3. THE BALANCE OF THE ENERGY PRODUCTS FOR 2012

	thous. tons							
	Coal	inclusive anthracite	Coaking coal	Other bituminous coal (steam coal)	Sub-bituminous coal	Lignite/brown coal	Coke oven coke	Patent fuel
Production	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-
Imports	184	146	-	38	-	-	1	-
Exports	-	-	-	-	-	-	-	-
Bunkers	-	-	-	-	-	-	-	-
Stock changes	7	-7	-	14	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>191</b>	<b>139</b>	<b>-</b>	<b>52</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>
Transfers	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>3</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Electricity plants	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-
Heat plants	3	3	-	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-
Entities of producing charcoal	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Fuel mining and extraction	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>FINAL CONSUMPTION</b>	<b>188</b>	<b>136</b>	<b>-</b>	<b>52</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>
<b>INDUSTRY</b>	<b>52</b>	<b>5</b>	<b>-</b>	<b>47</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>
Manufacture of basic metals	-	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	49	2	-	47	-	-	1	-
Transport equipment	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	3	3	-	-	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Manufacture of textile and leather products	-	-	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-	-
<b>TRANSPORT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Domestic aviation transport	-	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	-	-	-
Rail transport	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-	-
<b>OTHER</b>	<b>136</b>	<b>131</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Residential	95	94	-	1	-	-	-	-
Commercial and public services	41	37	-	4	-	-	-	-
Agriculture/Forestry	-	-	-	-	-	-	-	-
Other activities	-	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Continued					
	Gasworks gas (TJ)	Gas coke (TJ)	Recovered gases (TJ)	Peat (kt)	Natural gas (TJ)
Production	-	-	-	-	4
From other sources	-	-	-	-	-
Imports	-	-	-	-	37091
Exports	-	-	-	-	-
Bunkers	-	-	-	-	-
Stock changes	-	-	-	-	-1
<b>DOMESTIC SUPPLY</b>	-	-	-	-	<b>37094</b>
Transfers	-	-	-	-	-
Statistical differences	-	-	-	-	-
<b>TRANSFORMATION</b>	-	-	-	-	<b>16768</b>
Electricity plants	-	-	-	-	7
CHP plants	-	-	-	-	12691
Heat plants	-	-	-	-	4070
Blast Furnaces	-	-	-	-	-
Gas works	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-
Oil refineries	-	-	-	-	-
Petrochemical plants	-	-	-	-	-
Liquefaction plants	-	-	-	-	-
Entities of producing charcoal	-	-	-	-	-
Other transformation	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-
Oil refineries	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-
Pumped storage plants	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-
<b>LOSSES</b>	-	-	-	-	<b>3191</b>
<b>FINAL CONSUMPTION</b>	-	-	-	-	<b>17135</b>
<b>INDUSTRY</b>	-	-	-	-	<b>2687</b>
Manufacture of basic metals	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	13
Manufacture of non-metallic mineral products	-	-	-	-	1832
Transport equipment	-	-	-	-	19
Machinery	-	-	-	-	-
Mining and quarrying	-	-	-	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	710
Manufacture of paper and paper products	-	-	-	-	49
Wood and wood products	-	-	-	-	9
Construction	-	-	-	-	30
Manufacture of textile and leather products	-	-	-	-	17
Other industrial activities	-	-	-	-	8
<b>TRANSPORT</b>	-	-	-	-	<b>441</b>
Domestic aviation transport	-	-	-	-	-
Road transport	-	-	-	-	78
Rail transport	-	-	-	-	-
Pipeline transport	-	-	-	-	363
Domestic navigation transport	-	-	-	-	-
Other fields of activity	-	-	-	-	-
<b>OTHER</b>	-	-	-	-	<b>14007</b>
Residential	-	-	-	-	10498
Commercial and public services	-	-	-	-	3377
Agriculture/Forestry	-	-	-	-	132
Other activities	-	-	-	-	-
<b>NON-ENERGY USE</b>	-	-	-	-	-

Continued

	Oil (thous. tons)	Liquefied natural gas (thous. tons)	Feed-stocks (thous. tons)	Additives/ oxygenates (thous. tons)	Refinery gas (not liquefied) (thous. tons)	Ethane (thous. tons)
Production	11	-	-	-	-	-
From other sources	-	-	-	-	-	-
Imports	-	78	-	-	-	-
Exports	-	7	-	-	-	-
Bunkers	-	-	-	-	-	-
Stock changes	-	4	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>11</b>	<b>75</b>	-	-	-	-
Transfers	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>10</b>	-	-	-	-	-
Electricity plants	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-
Gas works	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-
Oil refineries	10	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-
Entities of producing charcoal	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-	-
<b>LOSSES</b>	<b>1</b>	<b>1</b>	-	-	-	-
<b>FINAL CONSUMPTION</b>	-	<b>74</b>	-	-	-	-
<b>INDUSTRY</b>	-	<b>1</b>	-	-	-	-
Manufacture of basic metals	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-
Machinery	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-
Construction	-	1	-	-	-	-
Manufacture of textile and leather products	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-
<b>TRANSPORT</b>	-	<b>13</b>	-	-	-	-
Domestic aviation transport	-	-	-	-	-	-
Road transport	-	13	-	-	-	-
Rail transport	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-
<b>OTHER</b>	-	<b>60</b>	-	-	-	-
Residential	-	56	-	-	-	-
Commercial and public services	-	4	-	-	-	-
Agriculture/Forestry	-	-	-	-	-	-
Other activities	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	-	-	-	-	-	-

Continued							
	Motor gasoline (thous. tons)	Aviation fuels (thous. tons)	Gasoline type jet fuel (thous. tons)	Other kerosene (thous. tons)	Diesel oil (thous. tons)	Lubricants (thous. tons)	Bitumen (thous. tons)
Production	-	-	-	-	3	2	-
From other sources	-	-	-	-	-	-	-
Imports	161	-	22	-	398	8	70
Exports	-	-	-	-	1	2	-
Bunkers	-	-	-7	-	-	-	-
Stock changes	8	-	-	-	3	-	-12
<b>DOMESTIC SUPPLY</b>	<b>169</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>403</b>	<b>8</b>	<b>58</b>
Transfers	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>-</b>
Electricity plants	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	6	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Entities of producing charcoal	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Fuel mining and extraction	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
<b>FINAL CONSUMPTION</b>	<b>168</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>396</b>	<b>8</b>	<b>58</b>
<b>INDUSTRY</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>21</b>
Manufacture of basic metals	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	1	-	21
Transport equipment	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	1	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	2	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-
Construction	-	-	-	-	3	-	-
Manufacture of textile and leather products	-	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-
<b>TRANSPORT</b>	<b>168</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>339</b>	<b>-</b>	<b>-</b>
Domestic aviation transport	-	-	15	-	-	-	-
Road transport	167	-	-	-	324	-	-
Rail transport	-	-	-	-	14	-	-
Pipeline transport	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-
Other fields of activity	1	-	-	-	1	-	-
<b>OTHER</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50</b>	<b>-</b>	<b>-</b>
Residential	-	-	-	-	-	-	-
Commercial and public services	-	-	-	-	-	-	-
Agriculture/Forestry	-	-	-	-	50	-	-
Other activities	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>37</b>

Continued

	Solid biofuels (TJ)	inclusive wood (TJ)	inclusive wood wastes (TJ)	inclusive agricultural waste (TJ)	Charcoal (TJ)	Liquid biofuels (TJ)	Biogases (TJ)	Waste/ Other (TJ)
Production	9665	8823	374	455	13	1	-	-
From other sources	-	-	-	-	-	-	-	-
Imports	14	-	3	11	-	-	-	-
Exports	38	-	-	38	-	-	-	-
Bunkers	-	-	-	-	-	-	-	-
Stock changes	-153	-98	-45	-14	4	-1	-	-
<b>DOMESTIC SUPPLY</b>	<b>9488</b>	<b>8725</b>	<b>332</b>	<b>414</b>	<b>17</b>	-	-	-
Transfers	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>256</b>	<b>27</b>	<b>3</b>	<b>226</b>	-	-	-	-
Electricity plants	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-
Heat plants	230	1	3	226	-	-	-	-
Blast Furnaces	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-
Entities of producing charcoal	26	26	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>2</b>	<b>2</b>	-	-	-	-	-	-
<b>FINAL CONSUMPTION</b>	<b>9230</b>	<b>8696</b>	<b>329</b>	<b>188</b>	<b>17</b>	-	-	-
<b>INDUSTRY</b>	<b>55</b>	<b>17</b>	<b>36</b>	<b>2</b>	-	-	-	-
Manufacture of basic metals	-	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	8	6	1	1	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-	-
Wood and wood products	45	10	35	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Manufacture of textile and leather products	2	1	-	1	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-	-
<b>TRANSPORT</b>	-	-	-	-	-	-	-	-
Domestic aviation transport	-	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	-	-	-
Rail transport	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-	-
<b>OTHER</b>	<b>9174</b>	<b>8679</b>	<b>292</b>	<b>186</b>	<b>17</b>	-	-	-
Residential	8812	8430	273	96	13	-	-	-
Commercial and public services	329	218	19	88	4	-	-	-
Agriculture/Forestry	33	31	-	2	-	-	-	-
Other activities	-	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>1</b>	-	<b>1</b>	-	-	-	-	-



Continued

	Fuel oil (thous. tons)	inclusive sulphur <1%	Naphta (thous. tons)	Petroleu m coke (thous. tons)	Other products (thous. tons)	Electricity (GWh)	Heat (TJ)
Production	12	6	-	-	1	932	10876
From other sources	-	-	-	-	-	2433	-
Imports	7	-	-	-	1	846	-
Exports	8	2	-	-	-	-	-
Bunkers	-	-	-	-	-	-	-
Stock changes	7	-	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>18</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>4211</b>	<b>10876</b>
Transfers	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>17</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
Electricity plants	1	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-
Heat plants	11	-	-	-	1	-	-
Blast Furnaces	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-
Oil refineries	5	4	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Entities of producing charcoal	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>295</b>	<b>18</b>
Fuel mining and extraction	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	129	-
Pumped storage plants	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	166	18
<b>LOSSES</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>446</b>	<b>1738</b>
<b>FINAL CONSUMPTION</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>3470</b>	<b>9120</b>
<b>INDUSTRY</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>845</b>	<b>1845</b>
Manufacture of basic metals	-	-	-	-	-	1	-
Manufacture of chemicals and chemical products	-	-	-	-	-	35	14
Manufacture of non-metallic mineral products	-	-	-	-	-	140	3
Transport equipment	-	-	-	-	-	49	13
Machinery	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	15	-
Manufacture of food, beverages and tobacco products	-	-	-	-	-	336	1671
Manufacture of paper and paper products	-	-	-	-	-	12	38
Wood and wood products	-	-	-	-	-	71	5
Construction	1	-	-	-	-	16	-
Manufacture of textile and leather products	-	-	-	-	-	40	101
Other industrial activities	-	-	-	-	-	130	-
<b>TRANSPORT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>54</b>	<b>-</b>
Domestic aviation transport	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	38	-
Rail transport	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	16	-
Domestic navigation transport	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-
<b>OTHER</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2571</b>	<b>7275</b>
Residential	-	-	-	-	-	1576	4956
Commercial and public services	-	-	-	-	-	943	2276
Agriculture/Forestry	-	-	-	-	-	52	43
Other activities	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>

## 2.4. THE BALANCE OF THE ENERGY PRODUCTS FOR 2013

	thous. tons							
	Coal	inclusive anthracite	Coaking coal	Other bituminous coal (steam coal)	Sub-bituminous coal	Lignite/ brown coal	Coke oven coke	Patent fuel
Production	-	-	-	-	-	-	-	-
From other sources	-	-	-	-	-	-	-	-
Imports	259	226	-	33	-	-	-	-
Exports	-	-	-	-	-	-	-	-
Bunkers	-	-	-	-	-	-	-	-
Stock changes	-9	6	-	-15	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>250</b>	<b>232</b>	<b>-</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Transfers	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>14</b>	<b>11</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Electricity plants	-	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-	-
Heat plants	14	11	-	3	-	-	-	-
Blast Furnaces	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-
Entities of producing charcoal	-	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Fuel mining and extraction	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>FINAL CONSUMPTION</b>	<b>235</b>	<b>220</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>INDUSTRY</b>	<b>93</b>	<b>86</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Manufacture of basic metals	-	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	90	83	-	7	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	3	3	-	-	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Manufacture of textile and leather products	-	-	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-	-
<b>TRANSPORT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Domestic aviation transport	-	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	-	-	-
Rail transport	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-	-
<b>OTHER</b>	<b>142</b>	<b>134</b>	<b>-</b>	<b>8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Residential	98	97	-	1	-	-	-	-
Commercial and public services	43	37	-	6	-	-	-	-
Agriculture/Forestry	1	-	-	1	-	-	-	-
Other activities	-	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Continued					
	Gasworks gas (TJ)	Gas coke (TJ)	Recovered gases (TJ)	Peat (thous. tons)	Natural gas (TJ)
Production	-	-	-	-	4
From other sources	-	-	-	-	-
Imports	-	-	-	-	34921
Exports	-	-	-	-	-
Bunkers	-	-	-	-	-
Stock changes	-	-	-	-	66
<b>DOMESTIC SUPPLY</b>	-	-	-	-	<b>34991</b>
Transfers	-	-	-	-	-
Statistical differences	-	-	-	-	-
<b>TRANSFORMATION</b>	-	-	-	-	<b>16688</b>
Electricity plants	-	-	-	-	30
CHP plants	-	-	-	-	12031
Heat plants	-	-	-	-	4627
Blast Furnaces	-	-	-	-	-
Gas works	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-
Oil refineries	-	-	-	-	-
Petrochemical plants	-	-	-	-	-
Liquefaction plants	-	-	-	-	-
Entities of producing charcoal	-	-	-	-	-
Other transformation	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-
Oil refineries	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-
Pumped storage plants	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-
<b>LOSSES</b>	-	-	-	-	<b>2707</b>
<b>FINAL CONSUMPTION</b>	-	-	-	-	<b>15596</b>
<b>INDUSTRY</b>	-	-	-	-	<b>2445</b>
Manufacture of basic metals	-	-	-	-	1
Manufacture of chemicals and chemical products	-	-	-	-	21
Manufacture of non-metallic mineral products	-	-	-	-	1589
Transport equipment	-	-	-	-	13
Machinery	-	-	-	-	-
Mining and quarrying	-	-	-	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	676
Manufacture of paper and paper products	-	-	-	-	74
Wood and wood products	-	-	-	-	4
Construction	-	-	-	-	45
Manufacture of textile and leather products	-	-	-	-	17
Other industrial activities	-	-	-	-	5
<b>TRANSPORT</b>	-	-	-	-	<b>290</b>
Domestic aviation transport	-	-	-	-	-
Road transport	-	-	-	-	65
Rail transport	-	-	-	-	-
Pipeline transport	-	-	-	-	225
Domestic navigation transport	-	-	-	-	-
Other fields of activity	-	-	-	-	-
<b>OTHER</b>	-	-	-	-	<b>12861</b>
Residential	-	-	-	-	9788
Commercial and public services	-	-	-	-	2925
Agriculture/Forestry	-	-	-	-	148
Other activities	-	-	-	-	-
<b>NON-ENERGY USE</b>	-	-	-	-	-

Continued

	Oil (thous. tons)	Liquefied natural gas (thous. tons)	Feed-stocks (thous. tons)	Additives/ oxygenates (thous. tons)	Refinery gas (not liquefied) (thous. tons)	Ethane (thous. tons)
Production	10	-	-	-	-	-
From other sources	-	-	-	-	-	-
Imports	1	90	-	-	-	-
Exports	-	12	-	-	-	-
Bunkers	-	-	-	-	-	-
Stock changes	-	-3	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>11</b>	<b>75</b>	-	-	-	-
Transfers	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>10</b>	-	-	-	-	-
Electricity plants	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-
Gas works	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-
Oil refineries	10	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-
Entities of producing charcoal	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	-	-	-	-	-	-
Fuel mining and extraction	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	-
<b>LOSSES</b>	<b>1</b>	<b>1</b>	-	-	-	-
<b>FINAL CONSUMPTION</b>	-	<b>74</b>	-	-	-	-
<b>INDUSTRY</b>	-	-	-	-	-	-
Manufacture of basic metals	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-
Machinery	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-
Construction	-	-	-	-	-	-
Manufacture of textile and leather products	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-
<b>TRANSPORT</b>	-	<b>13</b>	-	-	-	-
Domestic aviation transport	-	-	-	-	-	-
Road transport	-	13	-	-	-	-
Rail transport	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-
<b>OTHER</b>	-	<b>61</b>	-	-	-	-
Residential	-	58	-	-	-	-
Commercial and public services	-	3	-	-	-	-
Agriculture/Forestry	-	-	-	-	-	-
Other activities	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	-	-	-	-	-	-

Continued							
	Motor gasoline (thous. tons)	Aviation fuels (thous. tons)	Gasoline type jet fuel (thous. tons)	Other kerosene (thous. tons)	Diesel oil (thous. tons)	Lubricants (thous. tons)	Bitumen (thous. tons)
Production	-	-	-	-	1	1	-
From other sources	-	-	-	-	-	-	-
Imports	162	-	21	-	455	9	37
Exports	-	-	-	-	6	2	-
Bunkers	-	-	-8	-	-	-	-
Stock changes	-	-	-	-	-7	-	8
<b>DOMESTIC SUPPLY</b>	<b>162</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>443</b>	<b>8</b>	<b>45</b>
Transfers	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-</b>
Electricity plants	-	-	-	-	-	-	-
CHP plants	-	-	-	-	-	-	-
Heat plants	-	-	-	-	1	-	-
Blast Furnaces	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	6	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Entities of producing charcoal	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Fuel mining and extraction	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
<b>FINAL CONSUMPTION</b>	<b>161</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>435</b>	<b>8</b>	<b>45</b>
<b>INDUSTRY</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>9</b>
Manufacture of basic metals	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	-	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	9
Machinery	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	2	-	-
Manufacture of food, beverages and tobacco products	-	-	-	-	2	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-
Wood and wood products	-	-	-	-	-	-	-
Construction	-	-	-	-	3	-	-
Manufacture of textile and leather products	-	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-
<b>TRANSPORT</b>	<b>161</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>374</b>	<b>-</b>	<b>-</b>
Domestic aviation transport	-	-	13	-	-	-	-
Road transport	161	-	-	-	364	-	-
Rail transport	-	-	-	-	9	-	-
Pipeline transport	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	1	-	-
<b>OTHER</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>54</b>	<b>-</b>	<b>-</b>
Residential	-	-	-	-	-	-	-
Commercial and public services	-	-	-	-	-	-	-
Agriculture/Forestry	-	-	-	-	54	-	-
Other activities	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>36</b>

Continued

	Solid biofuels (TJ)	inclusive wood (TJ)	inclusive wood wastes (TJ)	inclusive agricultural waste (TJ)	Charcoal (TJ)	Liquid biofuels (TJ)	Biogases (TJ)	Waste/ Other (TJ)
Production	11227	10591	130	490	16	10	36	-
From other sources	-	-	-	-	-	-	-	-
Imports	-	-	-	-	-	15	-	-
Exports	17	-	-	17	-	15	-	-
Bunkers	-	-	-	-	-	-	-	-
Stock changes	-24	-71	78	-29	-2	-10	-	-
<b>DOMESTIC SUPPLY</b>	<b>11186</b>	<b>10520</b>	<b>208</b>	<b>444</b>	<b>14</b>	<b>-</b>	<b>36</b>	<b>-</b>
Transfers	-	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>300</b>	<b>68</b>	<b>3</b>	<b>229</b>	<b>-</b>	<b>-</b>	<b>36</b>	<b>-</b>
Electricity plants	-	-	-	-	-	-	10	-
CHP plants	-	-	-	-	-	-	26	-
Heat plants	269	37	3	229	-	-	-	-
Blast Furnaces	-	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Petrochemical plants	-	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-	-
Entities of producing charcoal	31	31	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Fuel mining and extraction	-	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	-	-	-
Pumped storage plants	-	-	-	-	-	-	-	-
Other energy ing. own use	-	-	-	-	-	-	-	-
<b>LOSSES</b>	<b>11</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>FINAL CONSUMPTION</b>	<b>10875</b>	<b>10441</b>	<b>205</b>	<b>215</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>INDUSTRY</b>	<b>35</b>	<b>20</b>	<b>5</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Manufacture of basic metals	-	-	-	-	-	-	-	-
Manufacture of chemicals and chemical products	7	7	-	-	-	-	-	-
Manufacture of non-metallic mineral products	-	-	-	-	-	-	-	-
Transport equipment	-	-	-	-	-	-	-	-
Machinery	-	-	-	-	-	-	-	-
Mining and quarrying	-	-	-	-	-	-	-	-
Manufacture of food, beverages and tobacco products	15	7	-	8	-	-	-	-
Manufacture of paper and paper products	-	-	-	-	-	-	-	-
Wood and wood products	13	6	5	2	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Manufacture of textile and leather products	-	-	-	-	-	-	-	-
Other industrial activities	-	-	-	-	-	-	-	-
<b>TRANSPORT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Domestic aviation transport	-	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	-	-	-
Rail transport	-	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	-	-	-
Domestic navigation transport	-	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-	-
<b>OTHER</b>	<b>10840</b>	<b>10421</b>	<b>200</b>	<b>205</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>
Residential	10517	10208	164	134	11	-	-	-
Commercial and public services	291	185	35	68	3	-	-	-
Agriculture/Forestry	32	28	1	3	-	-	-	-
Other activities	-	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Continued

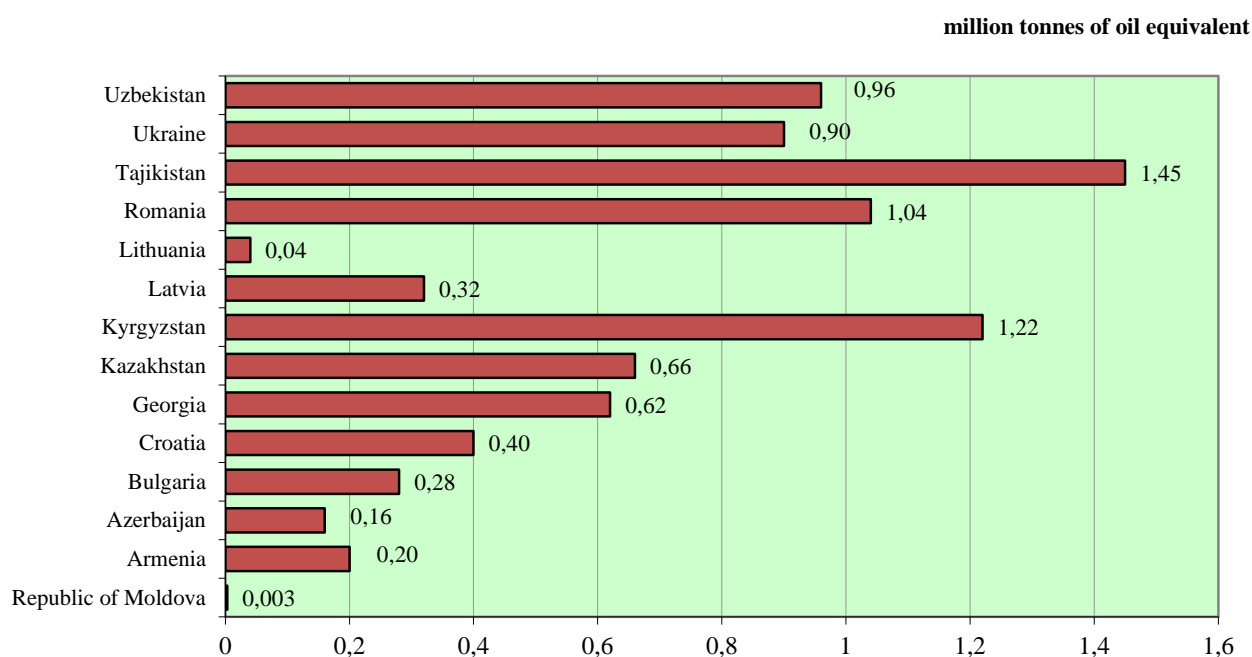
	Fuel oil (thous. tons)	inclusive sulphur <1%	Naphta (thous. tons)	Petroleu m coke (thous. tons)	Other products (thous. tons)	Electricity (GWh)	Heat (TJ)
Production	16	15	-	-	1	905	11235
From other sources	-	-	-	-	-	1876	-
Imports	14	-	-	-	1	1456	-
Exports	13	13	-	-	1	-	-
Bunkers	-	-	-	-	-	-	-
Stock changes	1	-	-	-	-	-	-
<b>DOMESTIC SUPPLY</b>	<b>18</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>4237</b>	<b>11235</b>
Transfers	-	-	-	-	-	-	-
Statistical differences	-	-	-	-	-	-	-
<b>TRANSFORMATION</b>	<b>17</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
Electricity plants	-	-	-	-	-	-	-
CHP plants	14	-	-	-	-	-	-
Heat plants	-	-	-	-	-	-	-
Blast Furnaces	-	-	-	-	-	-	-
Gas works	-	-	-	-	-	-	-
Cock / Patent fuel / (BKB) plants	-	-	-	-	-	-	-
Oil refineries	3	2	-	-	1	-	-
Petrochemical plants	-	-	-	-	-	-	-
Liquefaction plants	-	-	-	-	-	-	-
Entities of producing charcoal	-	-	-	-	-	-	-
Other transformation	-	-	-	-	-	-	-
<b>ENERGY IND. OWN USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>160</b>	<b>23</b>
Fuel mining and extraction	-	-	-	-	-	-	-
Oil refineries	-	-	-	-	-	-	-
Electricity, CHP and heat plants	-	-	-	-	-	123	-
Pumped storage plants	-	-	-	-	-	-	-
Other energy ind. own use	-	-	-	-	-	37	23
<b>LOSSES</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>431</b>	<b>1673</b>
<b>FINAL CONSUMPTION</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3646</b>	<b>9539</b>
<b>INDUSTRY</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>873</b>	<b>2121</b>
Manufacture of basic metals	-	-	-	-	-	3	-
Manufacture of chemicals and chemical products	1	-	-	-	-	40	25
Manufacture of non-metallic mineral products	-	-	-	-	-	168	4
Transport equipment	-	-	-	-	-	1	-
Machinery	-	-	-	-	-	46	4
Mining and quarrying	-	-	-	-	-	17	-
Manufacture of food, beverages and tobacco products	-	-	-	-	-	346	1962
Manufacture of paper and paper products	-	-	-	-	-	11	25
Wood and wood products	-	-	-	-	-	53	4
Construction	-	-	-	-	-	11	-
Manufacture of textile and leather products	-	-	-	-	-	41	79
Other industrial activities	-	-	-	-	-	136	18
<b>TRANSPORT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>59</b>	<b>-</b>
Domestic aviation transport	-	-	-	-	-	-	-
Road transport	-	-	-	-	-	38	-
Rail transport	-	-	-	-	-	-	-
Pipeline transport	-	-	-	-	-	21	-
Domestic navigation transport	-	-	-	-	-	-	-
Other fields of activity	-	-	-	-	-	-	-
<b>OTHER</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2714</b>	<b>7418</b>
Residential	-	-	-	-	-	1611	4556
Commercial and public services	-	-	-	-	-	1050	2824
Agriculture/Forestry	-	-	-	-	-	53	38
Other activities	-	-	-	-	-	-	-
<b>NON-ENERGY USE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

### 3. INTERNATIONAL STATISTICS IN 2012

#### 3.1. TOTAL FUEL AND ENERGY RESOURCES IN SOME COUNTRIES

Country	Total resources of fuel and energy (total primary supply of fuel and energy)	million tonnes of oil equivalent		
		inclusive:		
		coal	oil and petroleum products	natural gas
<b>Republic of Moldova</b>	<b>2,44</b>	<b>0,17</b>	<b>0,81</b>	<b>0,90</b>
Armenia	2,97	–	0,37	1,93
Azerbaijan	13,69	–	4,44	9,04
Belarus	30,50	0,74	10,55	16,93
Bosnia and Herzegovina	6,67	4,37	1,55	0,21
Bulgaria	18,35	6,91	3,87	2,45
Croatia	7,92	0,63	3,23	2,41
Georgia	3,71	0,11	1,00	1,65
Kazakhstan	74,85	37,86	12,86	23,31
Kirgizstan	4,13	1,04	1,65	0,36
Latvia	4,42	0,09	1,26	1,21
Lithuania	7,38	0,23	2,52	2,65
Romania	34,92	7,56	8,32	10,81
Russia	756,59	133,42	168,84	387,01
Serbia	14,46	7,62	3,30	1,68
Tajikistan	2,27	0,19	0,56	0,12
Turkmenistan	25,57	–	6,12	19,69
Ukraine	122,66	42,72	11,61	43,02
Uzbekistan	48,28	1,39	3,13	42,81

#### 3.2. HYDROPOWER PRODUCTION IN SOME COUNTRIES (GRAPH)



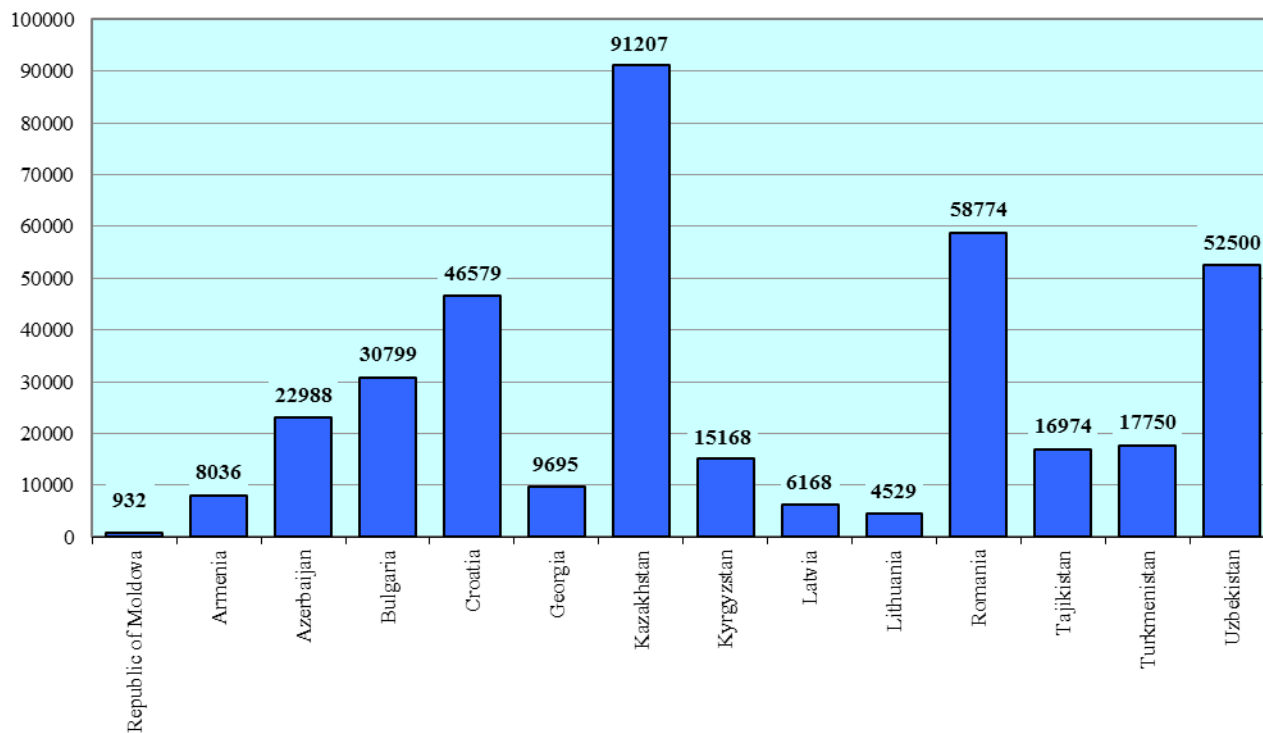


### 3.3. NET IMPORTS OF FUEL AND POWER IN SOME COUNTRIES

Country	Total net imports of fuel and energy	million tonnes of oil equivalent		
		inclusive:		
		oil and petroleum products	natural gas	electricity
<b>Republic of Moldova</b>	<b>2,01</b>	<b>0,81</b>	<b>0,97</b>	<b>0,28</b>
Armenia	2,21	0,42	1,93	-0,14
Azerbaijan	-44,27	-38,67	-5,55	-0,05
Belarus	26,60	8,96	16,81	0,65
Bosnia and Herzegovina	2,21	1,55	0,21	-0,00
Bulgaria	6,83	4,02	2,04	-0,71
Croatia	4,39	2,48	0,89	0,66
Georgia	2,65	0,99	1,64	-0,01
Kazakhstan	-88,02	-69,14	-5,35	0,11
Kirgizstan	2,52	1,71	0,33	-0,14
Latvia	2,69	1,65	1,38	0,15
Lithuania	5,91	2,53	2,65	0,57
Romania	7,93	4,45	2,30	0,02
Russia	-564,94	-344,14	-152,17	-1,42
Serbia	3,98	2,15	1,42	0,03
Tajikistan	0,63	0,57	0,11	-0,06
Turkmenistan	-42,03	-5,26	-36,54	-0,23
Ukraine	38,51	8,25	26,59	-0,99
Uzbekistan	-8,46	-0,20	-8,28	-0,01

### 3.4. ELECTRICITY PRODUCTION IN SOME COUNTRIES

GWh



### 3.5. FINAL CONSUMPTION OF ENERGY AND FUEL

Country	Final consumption of energy resources and fuel	million tonnes of oil equivalent			
		inclusive:			
		coal	oil and petroleum products	natural gas	electricity
<b>Republic of Moldova</b>	<b>1,87</b>	<b>0,11</b>	<b>0,62</b>	<b>0,44</b>	<b>0,31</b>
Armenia	2,14	0,00	0,37	1,32	0,44
Azerbaijan	7,79	–	3,26	3,03	1,32
Belarus	23,00	0,56	8,76	4,81	2,61
Bosnia and Herzegovina	3,21	0,37	1,43	0,15	0,95
Bulgaria	9,56	0,46	3,19	1,37	2,39
Croatia	6,38	0,13	2,73	1,45	1,32
Georgia	3,16	0,11	1,00	1,03	0,70
Kazakhstan	41,73	16,30	9,73	3,02	5,95
Kirgizstan	3,53	0,66	1,58	0,21	0,82
Latvia	4,00	0,08	1,26	0,40	0,59
Lithuania	5,98	0,23	1,71	1,62	0,77
Romania	24,08	0,71	7,43	6,90	3,65
Russia	461,34	26,10	117,19	128,03	63,66
Serbia	8,59	0,73	2,83	0,94	2,34
Tajikistan	2,05	0,19	0,56	0,10	1,19
Turkmenistan	16,77	–	5,83	9,90	0,83
Ukraine	73,11	9,60	12,16	26,61	11,84
Uzbekistan	35,46	0,44	2,88	26,01	3,72

### 3.6. FINAL CONSUMPTION OF ENERGY AND FUEL IN INDUSTRY

Country	Final consumption of energy resources and fuel in the industrial sector	million tonnes of oil equivalent			
		inclusive:			
		coal	oil and petroleum products	natural gas	electricity
<b>Republic of Moldova</b>	<b>0,32</b>	<b>0,03</b>	<b>0,02</b>	<b>0,06</b>	<b>0,084</b>
Armenia	0,42	–	0,04	0,28	0,101
Azerbaijan	1,77	–	0,66	0,86	0,260
Belarus	10,20	0,29	4,30	2,76	1,148
Bosnia and Herzegovina	0,84	0,20	0,17	0,09	0,377
Bulgaria	3,06	0,22	0,44	0,94	0,711
Croatia	1,68	0,12	0,39	0,79	0,270
Georgia	0,87	0,08	0,09	0,46	0,247
Kazakhstan	23,54	12,54	2,59	1,75	4,287
Kirgizstan	0,67	0,28	0,09	0,11	0,171
Latvia	0,90	0,06	0,14	0,18	0,171
Lithuania	2,21	0,12	0,18	1,36	0,249
Romania	8,20	0,68	1,69	3,50	1,755
Russia	210,73	21,91	46,09	65,76	29,120
Serbia	2,69	0,37	0,78	0,62	0,596
Tajikistan	0,55	–	–	–	0,546
Turkmenistan	2,30	–	1,09	0,91	0,301
Ukraine	30,86	8,70	1,96	10,18	5,427
Uzbekistan	9,63	0,09	0,46	7,65	1,427

### 3.7. FINAL CONSUMPTION OF ENERGY AND FUEL IN TRANSPORT

Country	Final consumption of energy resources and fuel in transport	million tonnes of oil equivalent	
		inclusive:	
		oil and petroleum products	electricity
<b>Republic of Moldova</b>	<b>0,37</b>	<b>0,35</b>	<b>0,004</b>
Armenia	0,56	0,17	0,011
Azerbaijan	2,24	2,20	0,045
Belarus	4,08	3,59	0,135
Bosnia and Herzegovina	1,05	1,04	0,009
Bulgaria	2,92	2,55	0,026
Croatia	1,95	1,89	0,021
Georgia	0,86	0,80	0,035
Kazakhstan	5,28	4,94	0,288
Kirgizstan	1,33	1,33	–
Latvia	0,95	0,92	0,011
Lithuania	1,51	1,41	0,006
Romania	5,29	4,95	0,106
Russia	93,62	58,70	7,916
Serbia	1,76	1,71	0,042
Tajikistan	0,11	0,10	0,003
Turkmenistan	2,71	1,22	0,022
Ukraine	11,47	8,61	0,798
Uzbekistan	3,06	1,57	0,123

### 3.8. FINAL CONSUMPTION OF ENERGY RESOURCES AND FUEL IN OTHER SECTORS OF THE NATIONAL ECONOMY

Country	Final consumption of energy resources and fuel in other sectors	million tonnes of oil equivalent		
		inclusive:		
		coal	oil and petroleum products	natural gas
<b>Republic of Moldova</b>	<b>1,17</b>	<b>0,083</b>	<b>0,243</b>	<b>0,000</b>
Armenia	1,16	0,001	0,160	0,658
Azerbaijan	3,78	–	0,404	2,173
Belarus	8,72	0,265	0,861	1,725
Bosnia and Herzegovina	1,32	0,172	0,214	0,063
Bulgaria	3,58	0,239	0,198	0,158
Croatia	2,75	0,008	0,451	0,660
Georgia	1,43	0,028	0,112	0,550
Kazakhstan	12,91	3,712	2,207	1,266
Kirgizstan	1,54	0,375	0,163	0,107
Latvia	2,15	0,023	0,201	0,221
Lithuania	2,26	0,107	0,113	0,226
Romania	10,59	0,029	0,781	3,382
Russia	156,98	4,184	12,403	35,257
Serbia	4,14	0,363	0,328	0,310
Tajikistan	1,39	0,190	0,464	0,086
Turkmenistan	11,76	–	3,519	7,524
Ukraine	30,77	0,890	1,588	14,375
Uzbekistan	22,77	0,343	0,848	16,992