Energy data

2020 edition

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Energy data | 2020 edition

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1 Introduction

What is an energy balance?

The energy balance is the most complete statistical accounting of energy products and their flow in the economy. The energy balance allows users to see the total amount of energy extracted from the environment, traded, transformed and used by end-users. It also allows seeing the relative contribution of each energy carrier (fuel, product). The energy balance allows studying the overall domestic energy market and monitoring impacts of energy policies. The energy balance offers a complete view on the energy situation of a country in a compact format, such as on energy consumption of the whole economy and of individual sectors.

The energy balance presents all statistically significant energy products (fuels) of a country and their production, transformation and consumption by different types of economic actors (industry, transport, etc.). Therefore, an energy balance is the natural starting point to study the energy sector. The energy balance is a multi-purpose tool to:

- Provide comprehensive information on the energy supply and demand in order to understand the energy security situation, the effective functioning of energy markets and other relevant policy goals, as well as to formulate energy policies;
- Provide the essential basis for calculating various indicators, including indicators monitoring progress towards Energy Union and Europe 2020 targets (energy efficiency indicators, share of renewable energy, energy dependency, etc.);
- Ensure comparability of statistical information between different reference periods and between different countries/regions;
- Provide data for the calculation of greenhouse gas emissions from fuel combustion;
- Serve as a quality tool to ensure completeness, consistency and comparability of energy statistics;
- Provide an input for modelling and forecasting.

The use of energy balances

In 1976 the United Nations Statistical Commission agreed on the use of energy balances as the key instrument to coordinate work on energy statistics and to provide data in a suitable form to understand and analyse the role of energy in the economy. Energy balance is the starting point for constructing several indicators, such as import dependency. Certain aggregates of the energy balance contribute to cross-domain indicators, such as energy intensity (energy input per unit of output (GDP)). More generally, a number of questions can be answered by looking at the data in the energy balance (such as the evolution of energy consumption by sector or efficiency of electricity generation from combustible fuels).

In addition, the energy balance can be used as a high-level check on data quality, i.e. the coherence and accuracy of energy statistics reported for individual energy products. Substantial statistical differences in energy units, apparent energy gains, significant losses in transformation processes, unexplained variations in indicators may point towards underlying data problems.

Overall, the energy balance is an extremely useful and powerful tool, which is complemented by additional indicators calculated and disseminated by Eurostat. Such indicators include:

- Detailed data on origin and destinations of international trade (import/export data);
- Technical data: generation and production capacities, data on fuel stockholding, various product or flow specific indicators;
- Additional disaggregation of individual statistics into specific subcategories.

Legal basis

Eurostat's energy balances are based on the data collected under Regulation (EC) No 1099/2008 on energy statistics. In this Regulation, Annex A defines the geographical scope, aggregates as well as the sectors (supply, transformation sector, energy sector, final consumption, end-use specification). Annex B defines the specific modalities for annual energy statistics (including energy products).

Energy balances in European policy decision making

The European energy strategy needs to be underpinned by statistical evidence for sound decision making. To this end, energy balances are a key input for the Commission's impact assessments in the area of energy policies. As energy is vital to many sectors of the economy, energy data are used in other policy domains too, the most notable are transport and climate change.

The European Union's energy policy targets include secure energy supplies, sustainable energy consumption and lower fossil fuel dependence. Energy balances help assessing progress in these areas. They are also an essential input for monitoring the energy efficiency target of the Europe 2020 and 2030 strategies. Directive 2012/27/EU on energy efficiency and its implementation measures refer to the aggregates of energy balances published by Eurostat. In the context of Eurostat's work on sustainable development indicators, energy balances provide a central contribution to SDG 7 affordable and clean energy.

The current edition

The current publication presents the simplified energy balance sheets for the reference year 2018 and key time series for recent years. Preliminary data for year 2019 are shown for electricity generation and selected supply side indicators of commodity balances. Energy data are available for all Member States of the European Union as well as Iceland, Norway, Montenegro, North Macedonia, Albania, Serbia, Turkey, Bosnia and Herzegovina, Kosovo[1], Ukraine, Moldova and Georgia. The energy balance expresses all forms of energy in a common accounting unit "toe" (tonnes of oil equivalent) as ktoe (thousands toe) or Mtoe (millions toe).

1 This designation is without prejudice to positions on status, and in line with UNSCR 1244 and the ICJ Opinion on the Kosovo Declaration of Independence.

Access to detailed data and additional information

Annual data are available as time series starting in 1990. Full energy balances cannot be properly presented in a pdf publication. Readers requiring more detailed energy data are kindly requested to visit Eurostat's website, which offers user-friendly access to detailed data in the energy domain:

Eurostat's energy database (free commercial and non-commercial use of data)

https://ec.europa.eu/eurostat/web/energy/data/database

Complete energy balances in the MS Excel format for all years (1990-2017)

https://ec.europa.eu/eurostat/web/energy/data/energy-balances

Sankey diagrams (Energy flow diagrams)

https://ec.europa.eu/eurostat/cache/sankey/sankey.html

Shedding light on energy in the EU (Digital publication on energy)

https://ec.europa.eu/eurostat/cache/infographs/energy/

Statistics Explained articles – Energy

https://ec.europa.eu/eurostat/statistics-explained/index.php/Category:Energy

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https://ec.europa.eu/eurostat/help/support

2 Energy balance methodology

General methodology

In a simplified way, we can say that an energy balance is a matrix, where columns are energy products (fuels) and rows are energy flows (production – transformation – consumption). Put differently, the energy balance is an accounting framework for the compiling, reconciliating and understanding of data on all energy products entering, exiting and used within a country. The energy balance is constructed for each calendar year.

When constructing energy balances, one has to bear in mind the first law of thermodynamics. The law of conservation of energy states that total energy in an isolated system is constant; energy can be transformed from one form to another but can be neither created nor destroyed. The first law is often formulated by stating that the change in the internal energy of a closed system is equal to the amount of heat supplied to the system, minus the amount of work done by the system on its surroundings. Consequently, energy gains are not possible. If energy gains are present in data, they are results of either statistical discrepancy (data of low accuracy) or the data collection system is not fully considering all input products in the scope of energy statistics.

Constructing energy balances in 3 steps

The first step is to construct commodity balances for each energy carrier in natural measurement units of the energy carrier – either physical unit (tonnes and cubic meters) or energy units (GWh for electricity and TJ for heat).

The second step is to convert the commodity balance in various units into a common energy unit, by multiplying all the data by the appropriate conversion factor (calorific values for energy carriers in physical units and unit conversion factor for energy carriers measured in energy units).

The third step refers to organising the columns and rows of the energy balance to avoid double counting of energy. For example, the production of secondary products is shown in the production row in commodity balances and it is reported as a transformation output in the energy balance.

The choice of the primary energy form

The choice of the primary energy form defines the boundaries of energy statistics. The general principle of Eurostat's approach is that the primary energy form should be the first energy form in the production process for which various energy uses are practised/implemented. **Eurostat's methodology is based on the physical energy content method.** For directly combustible energy products (for example coal, crude oil, natural gas, biofuels, waste) it is their actual energy content measured by their gross and net calorific values. For products that are not directly combustible, this

principle implies choosing heat as the primary energy form for nuclear, geothermal and solar thermal; and choosing electricity as the primary energy form for solar photovoltaic, wind, hydro, tide, wave, ocean.

The measurement of the primary energy form for the not directly combustible fuels is done as gross electricity production for those where electricity is the primary energy form and as gross heat production for those where heat is the primary energy form.

According to Regulation (EC) No 1099/2008 on energy statistics the reporting is covering geothermal and solar thermal inputs for electricity and/or heat production. In a similar way, the heat generated by nuclear reactors has to be declared according to the reporting obligations on annual nuclear statistics. If countries do not have information on energy inputs available, but only the amount of electricity and/or heat produced is known, the reporting countries are advised to use the following efficiencies to estimate inputs:

- For electricity from geothermal sources: 10%
- For derived heat from geothermal sources: 50%
- For electricity from concentrating solar: 33%
- For derived heat from solar thermal energy: 100%
- For electricity and derived heat from nuclear sources: 33%

The choice of units in the energy balance

The data for the different products need to be expressed in a common energy unit. The unit chosen can be any energy unit: terajoule (TJ), gigawatt hour (GWh), thousands of tons of oil equivalent (ktoe), million tons of oil equivalent (Mtoe), etc.

The unit adopted by Eurostat is the joule. The joule is a derived unit of energy in the International System of Units. It is the energy dissipated as heat when an electric current of one ampere passes through a resistance of one ohm for one second. This definition forms one of the bases of conversion between energy units: **1 GWh = 3.6 TJ**.

Another unit used for energy balances is “the tonne of oil equivalent”. It corresponds roughly to the average quantity of energy contained in a tonne of crude oil. Based on its energy content definition of 10^7kilocalories, the following conversion can be derived: **1 Mtoe = 41 868 TJ**.

Energy balances can be converted from one energy unit into another. Eurostat offers energy balance data in TJ, ktoe and GWh in its database. The Eurostat’s energy balance builder tool adds Mtoe. The table below presents the conversion factors between various energy units.

Table 1: Conversion factors between units

To: / From:	TJ	Mtoe	GWh
TJ		/ 41 868	/ 3.6
Mtoe	× 41 868		× 11 630
GWh	× 3.6	/ 11 630	

The choice of a heating value

The energy balance can be expressed in the “net” or “gross” energy content, where net/gross refers to the calorific values used for conversion.

The quantity known as gross calorific value (GCV) (or higher heating value or gross energy or upper heating value or higher calorific value) is determined by bringing all the combusted products back to their original pre-combustion temperature, and in particular, condensing any water vapour produced. This is the same as the thermodynamic heat of combustion since the enthalpy change for the reaction assumes a common temperature of the compounds before and after combustion, in which case the water produced by combustion is condensed to a liquid, hence yielding its latent heat of vaporization.

The quantity known as net calorific value (NCV) (or lower heating value or lower calorific value) is determined by subtracting the heat of vaporization of the water vapour from the higher heating value. This approach treats any H_2O formed as a vapour. The energy required to vaporize the water, therefore, is not released as heat.

As the net calorific value represents the amount of energy that can be actually used, **Eurostat adopted the methodology of using the net calorific values for its energy balances**. This applies to the conversion of all energy carriers (products, fuels) of energy balance for all flows of energy balance.

The actual choice of calorific values

Related to the choice of heating value is the actual choice of net calorific values used for converting data from physical units to energy units. For this choice, **Eurostat set up a cascade system:**

1. The net calorific values are covered by the data transmission obligations in Regulation (EC) No 1099/2008 on energy statistics. Eurostat uses the values transmitted by countries for constructing energy balances.
2. For primary and secondary coal products, also a reporting of gross calorific values is imposed. If net calorific values are not provided but gross calorific values are provided, Eurostat will estimate the net calorific value. The estimation is based on the assumption that GCV = 1.05 × NCV (the gross calorific value is 5% higher than the net calorific value).
3. For primary and secondary coal products, if some specific calorific values are missing, then the arithmetic average of available calorific values is used for constructing the energy balance.

   For oil products in table 1 of the oil questionnaire (crude oil, NGL, refinery feedstock, additives/oxygenates or other hydrocarbons), if an average calorific value is not reported but calorific values for production, imports or exports are provided, then the arithmetic average of available calorific values is used for constructing the energy balance.
4. If no calorific values are provided by a reporting country, Eurostat uses the net calorific values enacted in Commission Regulation (EU) No 601/2012 on the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council.
5. For products not covered by Commission Regulation (EU) No 601/2012, the net calorific values used are Eurostat’s estimates. These estimates take into account the Commission Decision 2007/589/EC establishing guidelines for the monitoring and reporting of greenhouse gas emissions pursuant to Directive 2003/87/EC of the European Parliament and of the Council.

All legal acts above refer to their consolidated versions in force on 16 August 2017. In practical terms, Commission Decision 2007/589/EC and Commission Regulation (EU) No 601/2012 refer to the 2006 IPCC Guidelines.

For coal and coal products, calorific values reported under "For other uses" are used also for the following flows of the energy balance: recovered products, stock changes, autoproducers, gas works, coal liquefaction plants, final non-energy consumption and distribution losses.

The table below presents an overview of calorific values with respect to point 4 (no shading) and point 5 (light shading).

Table 2: Default calorific values

Product	Net calorific value (TJ/kt)
Anthracite	26.7
Coking coal	28.2
Other bituminous coal	25.8
Sub-bituminous coal	18.9
Lignite	11.9
Patent fuels	20.7
Coke oven coke	28.2
Gas coke	28.2
Coal tar	28.0
Brown coal briquettes	19.0
Peat	9.8
Peat products	16.0
Oil shale and oil sands	8.9
Crude oil	42.3
Natural gas liquids	44.2
Refinery feedstocks	43.0
Additives and oxygenates	42.5
Other hydrocarbons (w/o bio)	42.5
Refinery gas	49.5
Ethane	46.4
Liquefied petroleum gases	47.3
Motor gasoline (w/o bio)	44.3

Product	Net calorific value (TJ/kt)
Aviation gasoline	44.3
Gasoline-type jet fuel	44.3
Kerosene-type jet fuel	44.1
Other kerosene	43.8
Naphtha	44.5
Gas oil and diesel oil (w/o bio)	43.0
(Residual) Fuel oil	40.4
White spirit and SPB	40.2
Lubricants	40.2
Bitumen	40.2
Petroleum coke	32.5
Paraffin waxes	40.2
Other oil products	40.2
Charcoal	29.5
Pure biogasoline	27.0
Blended biogasoline	27.0
Pure biodiesels	27.0
Blended biodiesels	27.0
Pure bio jet kerosene	44.0
Blended bio jet kerosene	44.0
Other liquid biofuels	27.4

Source: Eurostat (Energy balance guide)

Creating the matrix

The energy balance is presented as a matrix: a two-dimensional table with rows and columns. This matrix can be created in different energy units, for different geographical regions and also for different time periods. While the choice of unit, country and time period, is intuitive and has user-specific needs, the choice of rows and columns needs to be harmonised within one methodological approach. The actual link between the matrix and source data for each position of the energy balance is available within Eurostat's energy balance builder tool.

In the tool, each cell of the energy balance matrix is linked[2] to the source data cell. These links could be to one data point in source data, to a sum of several data points, difference or other formula. In the calculation process, the quantities are also combined with a conversion factor to TJ.

Consequently, the actually applied calculations are described in the most exhaustive level of details in the MS Excel file representing Eurostat's energy balance builder tool.

Products (columns of the energy balance)

This chapter presents the basic relationships between energy products (fuels) used in this publication. For the full set of relationships between products, please refer to the Energy balance guide. For the definition of individual fuels, please refer to Regulation (EC) No 1099/2008 on energy statistics.

Total = Solid fossil fuels + Manufactured gases + Peat and peat products + Oil shale and oil sands + Oil and petroleum products (excluding biofuel portion) + Natural gas + Renewables and biofuels + Non-renewable waste + Nuclear heat + Heat + Electricity

Fossil fuels = Solid fossil fuels + Manufactured gases + Peat and peat products + Oil shale and oil sands + Oil and petroleum products (excluding biofuel portion) + Natural gas + Non-renewable waste

Solid fossil fuels = Anthracite + Coking coal + Other bituminous coal + Sub-bituminous coal + Lignite + Patent fuels + Coke oven coke + Gas coke + Coal tar + Brown coal briquettes

Manufactured gases = Gas works gas + Coke oven gas + Blast furnace gas and Other recovered gases

Peat and peat products = Peat + Peat products

Oil and petroleum products = Crude oil + Natural gas liquids + Refinery feedstocks + Additives and oxygenates (excluding biofuel portion) + Other hydrocarbons + Refinery gas + Ethane + Liquefied petroleum gas + Motor gasoline (excluding biofuel portion) + Aviation gasoline + Gasoline-type jet fuel + Kerosene-type jet fuel (excluding biofuel portion) + Other kerosene + Naphtha + Gas oil and diesel oil (excluding biofuel portion) + Fuel oil + White spirit and special boiling point industrial spirits + Lubricants + Bitumen + Petroleum coke + Paraffin waxes + Other oil products not elsewhere specified

Renewables and biofuels = Hydro power + Tide, wave and ocean + Wind power + Solar photovoltaic + Solar thermal + Geothermal + Primary solid biofuels + Charcoal + Biogases + Renewable municipal waste + Pure biogasoline + Blended biogasoline + Pure biodiesels + Blended biodiesels + Pure bio jet kerosene + Blended bio jet kerosene + Other liquid biofuels + Ambient heat (heat pumps)

Non-renewable waste = Industrial waste (non-renewable) + Non-renewable municipal waste

Flows (rows of the energy balance)

Eurostat's energy balance has 3 blocks:

- Top block: Supply
- Medium block: Transformation input, Transformation output, Consumption of the energy branch and Distribution losses
- Bottom block: Final non-energy consumption and Final energy consumption (disaggregated into subsectors of the industry, transport and other sectors)

2 Tracing precedent cell in MS Excel is facilitated with the keyboard shortcut: Ctrl + [

In the medium block, the Transformation input and Transformation output include real energy product transformations as well as virtual product transformations. These virtual transformations cover the following aspects:

- blending of various products into each other
- methodological transformations of electricity produced from non-combustible fuels such as nuclear heat, hydro, wind, geothermal, solar thermal and photovoltaic
- interproduct transfers, backflows and exchanges between petroleum refineries and petrochemical industries

The difference between transformation input and transformation output constitutes the transformation losses.

This chapter presents only the relationships between the elements used in this publication. For the full set of relationships as well as a more detailed definition of each category, please refer to the Energy balance guide.

Gross available energy = Primary production + Recovered & Recycled products + Imports – Export + Stock changes

Gross inland consumption = Gross available energy – International maritime bunkers

Total energy supply = Gross available energy – International maritime bunkers – International aviation

Transformation input = Electricity & heat generation + Coke ovens + Blast furnaces + Gas works + Refineries & petrochemical industry + Patent fuel plants + BKB & PB plants + Coal liquefaction plants + For blended natural gas + Liquid biofuels blended + Charcoal production plants + Gas-to-liquids plants + Not elsewhere specified

Transformation output = Electricity & Heat generation + Coke ovens + Blast furnaces + Gas works + Refineries & Petrochemical industry + Patent fuel plants + BKB & PB plants + Coal liquefaction plants + Blended in Natural gas + Liquid biofuels blended + Charcoal production plants + Gas-to-liquids plants + Not elsewhere specified

Energy sector = Own use in electricity & heat generation + Coal mines + Oil & natural gas extraction plants + Patent fuel plants + Coke ovens + BKB & PB plants + Gas works + Blast furnaces + Petroleum refineries (oil refineries) + Nuclear industry + Coal liquefaction plants + Liquefaction & regasification plants (LNG) + Gasification plants for biogas + Gas-to-liquids (GTL) plants + Charcoal production plants + Not elsewhere specified (energy)

Energy available for final consumption = Total energy supply – Transformation input + Transformation output – Energy sector – Distribution losses

Final energy consumption = Industry sector + Transport sector + Other sectors

Industry sector = Iron & steel + Chemical & petrochemical + Non-ferrous metals + Non-metallic minerals + Transport equipment + Machinery + Mining & quarrying + Food, beverages & tobacco + Paper, pulp & printing + Wood & wood products + Construction + Textile & leather + Not elsewhere specified (industry)

Transport sector = Rail + Road + Domestic aviation + Domestic navigation + Pipeline transport + Not elsewhere specified (transport)

Other sectors = Commercial & public services + Households + Agriculture & forestry + Fishing + Not elsewhere specified (other)

Statistical differences = Energy available for final consumption – Final non-energy consumption – Final energy consumption

Europe 2020-2030 indicators

In order to allow comparison with Europe 2020 targets established prior to the actual methodology of energy balance, these indicators approximates those calculated under the old energy balance methodology – the methodology in place at the time of establishing the Europe 2020 targets. These specific indicators should be used also for tracking progress towards Europe 2020 targets, regular energy balance aggregates should not be used for this purpose. Also progress towards Europe 2030 targets can be traced using these indicators.

- Gross inland consumption (Europe 2020-2030)
- Primary energy consumption (Europe 2020-2030)
- Final energy consumption (Europe 2020-2030)

International Recommendation for Energy Statistics

Eurostat's framework and methodology for producing energy balances are coherent with recommendations described in the International Recommendation for Energy Statistics adopted by the United Nations Statistical Commission in 2011. While many aspects are fully coherent, some minor divergences exist. Please refer to the Energy balance guide for more detailed elaborations.

Literature and information sources

These sources offer additional information:

- Energy balance guide; Eurostat; 2019
- International Recommendations for Energy Statistics; United Nations; 2016
- Energy Statistics Compilers Manual; United Nations; 2016
- Energy Statistics Manual; International Energy Agency – Eurostat; 2004 edition
- Energy statistics methodology; Eurostat; 1988
- Concepts and methods in energy statistics, with special reference to energy accounts and balances; United Nations; 1982

In order to understand better, energy statistics and energy balances disseminated by Eurostat, it is highly recommended to analyse the quality reports on EU energy statistics and country-specific metadata files.

3 General notes

Notes on geographical areas and regional aggregates

EU-27 = Belgium + Bulgaria + Czechia + Denmark + Germany + Estonia + Ireland + Greece + Spain + France + Croatia + Italy + Cyprus + Latvia + Lithuania + Luxembourg + Hungary + Malta + Netherlands + Austria + Poland + Portugal + Romania + Slovenia + Slovakia + Finland + Sweden

EU-28 = EU-27 + United Kingdom

EA-19 = Belgium + Germany + Estonia + Ireland + Greece + Spain + France + Italy + Cyprus + Latvia + Lithuania + Luxembourg + Malta + Netherlands + Austria + Portugal + Slovenia + Slovakia + Finland

Designation ”**Kosovo**” is without prejudice to positions on status, and in line with UNSCR 1244 and the ICJ Opinion on the Kosovo Declaration of Independence.

Interpretations of zeros

The statistical data collection system for energy statistics cannot distinguish between the following cases:

- Energy quantity is a real zero (real no consumption)
- Consumption is negligible (quantity is less than half of the respective lowest reporting unit)
- Data are not available to the reporting authority
- Data are confidential and not shown

All these cases are shown as “zero” in the tables in this publication and interpreted as zero for charts shown.

Specific flags used

Symbol “**Z**” means data are not applicable. This is either due to a methodologically impossible combination in the energy balance matrix or due to the non-existence at the data collection phase. For example, the following elements are not feasible: consumption of solid fossil fuel in aviation, use of hydro power in households and renewables as transformation output of blast furnaces.

The following symbols are used for preliminary data for year 2019: “**P**” means data are preliminary, “**E**” means data are estimated, “**U**” means data with low reliability and “**O**” means missing.

4 Cross country comparisons

Selected key indicators for cross country comparisons

This chapter presents selected indicators allowing meaningful comparisons between countries. The indicators reflecting mostly the size of a country (such as absolute levels of energy consumption) are not presented here.

Share of fossil fuels in gross available energy

This indicator is calculated as a ratio:

Numerator = Solid fossil fuels + Manufactured gases + Peat and peat products + Oil shale and oil sands + Natural gas + Oil and petroleum products (excluding biofuel portion) + Non-renewable waste

Denominator = Total of all energies

Resulting values are shown as a percentage.

Share of electricity from renewable sources in total electricity generation

This indicator is calculated as a ratio:

Numerator = Gross electricity production from Renewables and biofuels

Denominator = Total gross electricity production

Electricity produced from “other sources” and electricity produced from “chemical heat” are excluded as information on its origin is missing – it is not known if it is renewable or not. Electricity produced from water previously pumped uphill is neither considered as renewable.

Calculations are based on datasets nrg_bal_peh and nrg_bal_c.

Resulting values are shown as a percentage.

Energy intensity of the economy (energy per GDP in PPS)

Gross domestic product measured in purchasing power standards is more suitable to compare across countries in a given time period.

This indicator is calculated as a ratio:

Numerator = Gross available energy (Total)

Denominator = Gross domestic product at market prices measured in current prices in million purchasing power standards

Resulting values are shown in kilograms of oil equivalent per thousand euro in purchasing power standards.

Energy intensity of the economy (energy per chain-linked GDP [2015])

Gross domestic product measured in chain-linked volumes is more suitable to compare development over time in one country.

This indicator is calculated as a ratio:

Numerator = Gross available energy (Total)

Denominator = Gross domestic product at market prices measured in chain-linked volumes (2015) in million euro

Resulting values are shown in kilograms of oil equivalent per thousand euro.

Energy use in households per capita

This indicator is calculated as a ratio:

Numerator = Final energy consumption in households of all products (Total)

Denominator = Population

Calculations are based on datasets nrg_bal_s and demo_pjan.

Resulting values are shown in kilograms of oil equivalent per capita.

Overall import dependency

This indicator is calculated as a ratio:

Numerator = Net imports (Total imports – Total exports)

Denominator = Gross available energy

Resulting values are shown as a percentage.

Table 3: Share of fossil fuels in gross available energy

%	2000	2005	2010	2015	2017	2018
EU-27	79.2	78.3	75.4	72.5	73.1	72.4
EU-28	80.6	79.7	77.1	73.7	74.1	73.4
EA-19	79.0	78.3	75.3	72.8	73.4	72.6
Belgium	79.3	78.9	77.5	78.9	75.2	79.0
Bulgaria	72.8	73.7	74.1	72.7	71.2	68.2
Czechia	89.7	83.6	79.9	75.7	76.0	75.1
Denmark	90.7	85.2	81.3	69.3	66.6	66.4
Germany	84.6	82.7	80.6	81.5	82.2	81.5
Estonia	91.1	91.7	90.2	85.5	86.3	84.9
Ireland	98.3	96.5	95.3	91.9	91.3	90.2
Greece	95.4	94.0	91.4	85.8	87.0	85.9
Spain	82.1	84.8	78.0	75.5	76.0	75.2
France	54.9	54.5	51.7	49.3	50.9	49.2
Croatia	78.1	77.3	74.5	69.9	71.8	69.6
Italy	92.1	90.4	85.7	80.8	80.2	79.3
Cyprus	98.3	98.1	96.3	93.9	93.7	91.8
Latvia	65.3	65.8	69.1	63.5	59.9	59.6
Lithuania	59.3	60.2	74.6	68.1	66.4	66.4
Luxembourg	85.5	92.7	89.7	83.5	81.6	81.6
Hungary	80.9	79.5	73.0	67.5	69.4	69.9
Malta	100.0	100.0	99.8	95.1	96.1	96.8
Netherlands	95.6	95.1	95.5	93.9	94.0	93.0
Austria	77.9	78.5	72.2	67.6	68.6	68.4
Poland	96.4	96.2	92.9	90.6	91.3	91.0
Portugal	85.3	85.5	77.1	76.2	79.5	76.2
Romania	85.3	84.2	75.5	73.9	74.1	74.1
Slovenia	70.5	69.2	68.6	63.4	64.3	65.2
Slovakia	74.6	71.9	70.3	64.3	66.2	66.8
Finland	56.1	55.6	57.0	46.4	44.8	45.0
Sweden	39.0	38.7	39.9	30.3	32.0	32.2
United Kingdom	89.2	89.2	90.0	82.9	81.8	80.9
Iceland	29.5	30.7	14.5	15.8	18.3	18.1
Norway	55.0	56.7	62.3	57.9	55.4	53.0
Montenegro	:	56.0	64.8	66.4	65.3	69.6
North Macedonia	87.5	83.5	81.4	76.5	81.3	79.3
Albania	59.9	67.7	63.7	60.6	62.7	60.5
Serbia	86.0	89.9	87.0	87.5	87.6	86.9
Turkey	86.6	88.4	89.1	88.0	88.3	87.2
Bosnia and Herzegovina	:	:	:	86.1	90.6	81.8
Kosovo (UNSCR 1244/99)	84.0	87.2	88.5	88.6	83.7	83.9
Moldova	:	:	69.4	63.9	62.8	63.7
Ukraine	84.4	83.4	80.7	71.9	70.4	71.7
Georgia	:	:	:	75.9	74.9	75.1

Source: Eurostat (dataset nrg_ind_ffgae)

Table 4: Share of electricity from renewable sources in total electricity generation

%	2000	2005	2010	2015	2017	2018
EU-27	15.5	15.4	22.1	29.8	29.9	32.3
EU-28	13.9	14.1	20.4	29.3	29.8	32.4
EA-19	13.9	13.6	21.3	28.8	29.4	32.5
Belgium	1.3	2.5	6.9	21.3	18.6	23.3
Bulgaria	6.5	9.8	12.5	18.0	13.7	20.0
Czechia	3.1	3.8	6.9	11.4	11.2	10.9
Denmark	15.5	27.1	32.0	65.4	70.3	68.4
Germany	6.2	10.3	16.8	29.5	33.5	35.4
Estonia	0.2	1.1	8.1	14.4	13.9	16.1
Ireland	5.0	7.3	13.2	28.0	29.0	33.0
Greece	7.8	10.8	18.3	28.7	25.0	30.3
Spain	15.6	14.9	32.8	35.0	32.2	38.2
France	13.0	9.9	13.9	16.0	16.7	19.7
Croatia	57.3	54.1	62.8	66.8	60.4	72.2
Italy	18.9	16.4	25.8	38.8	35.4	39.8
Cyprus	0.0	0.0	1.4	8.8	8.7	9.4
Latvia	68.3	69.6	54.9	50.2	72.5	52.0
Lithuania	3.1	3.2	19.2	42.0	75.6	80.1
Luxembourg	40.7	6.3	8.3	32.3	66.8	71.5
Hungary	0.7	5.2	8.1	10.7	10.6	11.8
Malta	0.0	0.0	0.0	7.8	10.4	10.1
Netherlands	3.3	7.5	9.4	12.4	14.9	16.5
Austria	72.6	63.4	66.3	76.9	75.7	77.0
Poland	1.6	2.5	6.9	13.8	14.2	12.8
Portugal	29.7	17.9	52.8	47.5	39.1	50.3
Romania	28.7	34.0	33.5	39.7	38.0	40.6
Slovenia	28.7	23.6	29.2	29.4	27.7	32.4
Slovakia	15.0	14.9	21.7	22.8	23.9	21.9
Finland	33.5	33.4	30.1	44.7	46.9	45.9
Sweden	57.2	51.3	55.3	63.3	57.9	55.8
United Kingdom	2.7	4.3	6.9	24.6	29.1	32.9
Iceland	99.9	99.9	100.0	100.0	100.0	100.0
Norway	99.8	99.6	95.8	97.9	98.0	98.0
Montenegro	:	65.2	68.4	49.7	45.1	59.2
North Macedonia	17.2	21.5	33.5	35.9	23.1	35.1
Albania	96.1	98.7	100.0	100.0	100.0	100.0
Serbia	30.7	31.8	31.8	26.9	25.5	29.7
Turkey	24.9	24.6	26.4	32.0	29.4	32.2
Bosnia and Herzegovina	:	:	:	33.8	23.5	34.4
Kosovo (UNSCR 1244/99)	1.8	2.5	3.0	2.3	3.0	5.1
Moldova	:	:	7.4	7.2	8.9	10.5
Ukraine	6.6	6.7	7.1	4.4	7.0	8.2
Georgia	:	:	:	78.0	80.6	82.6

Source: Eurostat (calculations based on datasets nrg_bal_peh and nrg_bal_c)

Table 5: Energy intensity of the economy (energy per GDP PPS)

kgoe per 000 € in PPS	2000	2005	2010	2015	2017	2018
EU-27	195.5	172.7	146.3	121.9	117.6	112.9
EU-28	193.6	168.9	143.4	118.4	113.8	109.5
EA-19	184.8	165.3	142.4	119.7	114.9	110.4
Belgium	273.8	234.6	209.6	159.9	162.8	157.5
Bulgaria	429.0	312.8	216.5	198.3	182.8	174.9
Czechia	299.4	248.0	207.9	165.9	155.7	148.5
Denmark	163.6	135.9	116.9	90.4	86.3	84.1
Germany	185.5	162.5	141.4	114.5	108.7	103.3
Estonia	441.8	292.3	267.8	205.8	197.1	199.4
Ireland	152.3	113.0	101.7	61.4	57.4	53.4
Greece	179.8	147.4	131.1	123.7	124.5	117.8
Spain	178.8	154.4	123.9	111.8	109.4	106.6
France	196.1	177.3	153.9	134.0	125.5	121.5
Croatia	215.0	182.2	147.5	122.3	118.0	110.9
Italy	137.6	134.0	114.0	97.8	93.6	90.8
Cyprus	213.0	168.9	140.4	131.5	128.7	124.6
Latvia	245.7	191.1	174.8	131.3	127.1	119.4
Lithuania	302.7	230.9	153.7	120.6	120.5	116.3
Luxembourg	182.3	184.8	141.4	98.4	94.7	94.2
Hungary	250.9	202.1	162.9	133.6	135.0	126.5
Malta	247.6	216.5	273.7	198.8	217.1	212.4
Netherlands	216.8	197.5	176.6	143.9	139.8	132.0
Austria	149.6	145.8	131.1	108.8	105.9	99.7
Poland	264.4	213.9	168.0	130.9	133.8	129.4
Portugal	161.4	143.3	113.8	109.7	108.7	103.8
Romania	337.1	230.8	134.7	103.6	92.8	87.3
Slovenia	216.8	188.0	167.7	138.7	135.6	129.0
Slovakia	348.1	255.4	172.5	139.4	141.9	133.4
Finland	290.3	256.7	234.4	196.6	193.8	190.3
Sweden	226.0	213.1	175.9	141.8	145.7	139.7
United Kingdom	182.2	146.6	125.0	97.2	90.6	88.1
Iceland	492.8	380.1	588.0	505.4	459.3	474.9
Norway	191.5	154.8	158.7	135.5	135.8	122.4
Montenegro	:	:	176.6	139.5	123.0	120.4
North Macedonia	260.6	223.3	163.1	128.5	124.3	108.9
Albania	186.4	155.6	101.4	91.9	93.5	89.5
Serbia	361.1	286.8	221.0	194.9	197.1	183.7
Turkey	154.3	130.6	110.8	92.1	96.4	92.8
Bosnia and Herzegovina	:	:	:	208.8	211.7	225.5
Kosovo (UNSCR 1244/99)	:	:	:	:	:	:
Moldova	:	:	:	:	:	:
Ukraine	:	:	:	:	:	:
Georgia	:	:	:	:	:	:

Source: Eurostat (nrg_ind_ei)

Table 6: Energy intensity of the economy (energy per chain-linked GDP [2015])

kgoe per 000 € in PPS	2000	2005	2010	2015	2017	2018
EU-27	151.1	149.1	138.2	121.9	119.8	116.4
EU-28	145.2	140.7	129.9	113.2	110.7	107.8
EA-19	138.7	138.1	128.2	113.9	111.4	108.2
Belgium	196.5	184.0	176.3	143.7	149.5	147.0
Bulgaria	691.5	566.1	430.6	410.9	387.5	376.8
Czechia	364.0	331.4	294.2	251.5	241.3	235.1
Denmark	87.7	81.3	82.4	66.3	65.1	64.1
Germany	135.0	133.1	122.7	105.8	102.2	98.1
Estonia	384.1	300.8	333.4	275.3	268.8	278.8
Ireland	101.3	83.8	80.1	54.5	50.3	47.0
Greece	172.9	153.9	143.2	146.0	147.7	142.1
Spain	148.6	148.1	128.3	120.9	120.3	117.7
France	140.4	139.5	130.2	119.1	113.2	111.0
Croatia	240.8	224.6	210.7	190.7	186.6	177.9
Italy	106.1	110.3	105.0	95.2	94.9	93.0
Cyprus	187.3	166.7	151.8	142.6	142.3	140.5
Latvia	272.9	230.6	238.2	189.7	186.5	179.6
Lithuania	366.7	311.6	233.0	194.5	197.2	193.4
Luxembourg	105.6	119.9	102.8	80.3	78.1	78.9
Hungary	305.4	278.3	262.3	224.6	223.2	212.5
Malta	245.7	241.1	326.7	238.3	269.1	262.1
Netherlands	157.5	160.0	150.5	127.7	124.7	119.7
Austria	104.3	112.4	106.7	97.9	96.7	92.2
Poland	354.8	316.3	274.6	223.1	226.5	:
Portugal	149.4	153.9	132.5	134.8	134.0	127.5
Romania	401.6	321.3	253.0	199.1	186.5	178.9
Slovenia	221.5	211.8	190.1	167.5	167.1	161.3
Slovakia	409.7	338.1	252.4	203.9	205.5	195.2
Finland	189.2	175.8	176.0	155.7	154.5	154.8
Sweden	149.9	143.9	128.8	107.7	110.6	108.1
United Kingdom	116.1	101.6	90.3	73.3	68.6	67.5
Iceland	325.6	266.4	410.6	374.4	346.0	366.7
Norway	96.7	92.1	106.6	87.8	85.7	81.4
Montenegro	:	:	338.0	278.8	260.7	260.4
North Macedonia	449.9	442.1	358.4	292.8	291.6	265.5
Albania	:	:	:	:	:	:
Serbia	627.6	543.5	456.4	415.3	418.5	395.4
Turkey	:	:	:	:	:	:
Bosnia and Herzegovina	:	:	:	:	:	:
Kosovo (UNSCR 1244/99)	:	:	506.9	434.7	407.8	395.3
Moldova	:	:	:	:	:	:
Ukraine	:	:	:	:	:	:
Georgia	:	:	:	:	:	:

Source: Eurostat (nrg_ind_ei)

Table 7: Energy use in households per capita

kgoe per capita	2000	2005	2010	2015	2017	2018
EU-27	579	614	632	550	563	550
EU-28	598	629	644	553	562	553
EA-19	608	635	644	556	565	553
Belgium	927	955	879	736	720	711
Bulgaria	257	272	302	304	326	316
Czechia	626	654	711	643	681	664
Denmark	791	834	904	786	793	792
Germany	795	772	780	677	685	667
Estonia	662	654	770	652	715	713
Ireland	663	718	725	582	544	576
Greece	423	508	420	411	410	365
Spain	298	351	365	323	314	322
France	670	685	702	589	604	584
Croatia	510	654	644	575	576	560
Italy	485	586	598	534	543	530
Cyprus	254	433	411	386	404	390
Latvia	557	669	655	557	613	636
Lithuania	389	449	507	465	511	531
Luxembourg	1 079	1 139	1 022	908	910	836
Hungary	548	690	664	606	643	595
Malta	197	179	167	182	198	197
Netherlands	682	659	753	565	564	561
Austria	793	808	846	771	792	736
Poland	450	510	578	499	525	508
Portugal	275	307	281	268	275	284
Romania	375	374	399	371	394	398
Slovenia	568	596	648	539	542	516
Slovakia	479	473	429	367	388	378
Finland	869	959	1 097	905	1 047	1 032
Sweden	824	848	887	761	770	740
United Kingdom	733	735	728	575	559	573
Iceland	1 114	1 141	1 189	1 192	1 249	1 451
Norway	854	860	970	854	867	871
Montenegro	:	397	444	427	423	399
North Macedonia	238	265	262	257	255	233
Albania	123	171	168	184	171	178
Serbia	415	415	421	397	405	405
Turkey	261	281	268	259	278	254
Bosnia and Herzegovina	:	:	:	:	:	:
Kosovo (UNSCR 1244/99)	:	169	209	239	320	319
Moldova	:	:	313	332	371	382
Ukraine	498	496	521	387	389	379
Georgia	:	:	:	322	359	329

Source: Eurostat (calculations based on datasets nrg_bal_s and demo_pjan)

Table 8: Overall import dependency

%	2000	2005	2010	2015	2017	2018
EU-27	56.3	57.8	55.7	56.0	57.5	58.2
EU-28	46.5	52.2	52.6	53.9	55.1	55.7
EA-19	64.1	65.1	61.8	62.1	63.0	63.2
Belgium	78.2	80.0	77.9	83.4	74.4	82.3
Bulgaria	46.4	47.3	40.1	36.4	39.4	36.4
Czechia	22.7	27.8	25.3	31.9	37.2	36.7
Denmark	-35.9	-50.6	-16.0	13.0	12.3	23.7
Germany	59.4	60.7	60.0	62.1	64.0	63.6
Estonia	33.8	28.2	15.5	9.8	3.9	0.7
Ireland	85.4	89.6	87.1	88.7	67.0	67.4
Greece	69.1	68.2	68.6	71.0	71.3	70.7
Spain	76.8	81.5	77.1	72.8	73.7	73.3
France	51.2	51.7	48.7	45.9	48.6	46.6
Croatia	48.5	52.6	46.7	48.8	53.1	52.7
Italy	86.5	83.3	82.6	77.0	77.0	76.3
Cyprus	98.6	100.7	100.6	97.3	95.9	92.5
Latvia	61.0	63.8	45.5	51.2	44.1	44.3
Lithuania	57.8	55.3	79.0	75.5	72.0	74.2
Luxembourg	99.6	97.4	97.0	95.9	95.6	95.1
Hungary	55.0	62.3	56.9	53.9	62.5	58.1
Malta	100.2	100.0	99.0	97.3	103.0	97.8
Netherlands	38.3	37.8	28.3	48.5	51.9	59.7
Austria	65.5	71.8	62.8	60.4	63.9	64.3
Poland	10.7	17.7	31.6	29.9	38.3	44.8
Portugal	85.3	88.6	75.2	76.3	77.9	75.6
Romania	21.9	27.5	21.4	16.7	23.3	24.3
Slovenia	52.8	52.5	49.5	49.7	51.0	51.3
Slovakia	65.1	66.0	64.4	60.1	64.8	63.7
Finland	55.5	54.5	48.8	48.0	44.0	44.9
Sweden	39.3	37.9	37.8	30.0	26.6	29.2
United Kingdom	-17.1	13.4	29.0	37.7	35.5	35.4
Iceland	30.6	31.2	13.9	16.4	18.6	19.2
Norway	-723.1	-698.2	-515.0	-577.4	-597.8	-593.2
Montenegro	:	42.5	26.4	30.1	40.9	30.9
North Macedonia	40.8	42.8	44.0	52.5	56.5	58.7
Albania	45.8	49.7	28.9	12.6	38.2	21.1
Serbia	13.9	36.6	33.5	27.7	33.8	34.6
Turkey	65.4	71.7	70.7	77.9	77.2	73.8
Bosnia and Herzegovina	:	:	:	33.7	34.0	24.3
Kosovo (UNSCR 1244/99)	27.1	28.2	24.6	27.6	30.0	29.3
Moldova	:	:	77.5	75.0	73.2	73.8
Ukraine	43.1	42.3	31.6	32.3	36.9	34.5
Georgia	:	:	:	72.7	73.0	75.7

Source: Eurostat (nrg_ind_id)

5 Simplified energy balances, key balance indicators and charts

Notes for tables

Definitions, methodology and notes specified in chapters 2 and 3 applies.

Notes for charts

In order to avoid problems with negative values for countries that are net exporters of electricity, chart ***Gross available energy by fuel*** does not show data on net imports or net exports of electricity and heat. Trade of other energy commodities is included in the respective fuel categories.

In chart ***Gross electricity production by fuel*** category *Other* includes peat and peat products, oil shale and oil sands, manufactured gases, non-renewable municipal and industrial wastes, heat from chemical sources and values reported by countries as “non-specific other sources”. Electricity produced in hydro plants from water previously pumped uphill is included under *Renewables and biofuels*. In the energy balance, this electricity does not count as primary energy source for hydro power and is included within the transformation sector.

In chart ***Final energy consumption by fuel*** category *Other* includes includes peat and peat products, oil shale and oil sands, manufactured gases and non-renewable municipal and industrial wastes.

In chart ***Final consumption by sector*** category *Transport* includes pipeline transport and excluded international marine and aviation bunkers (shipping and aviation between countries). Category *Industry* includes the industry sector as defined in Regulation (EC) No 1099/2008 on energy statistics and also agriculture, forestry, fishing and data reported under other non-specified.

European Union (27 countries) ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	634 751.4	116 090.5	Z	2 865.9	4 797.0	24 487.5	59 170.5	217 298.4	13 286.9	195 737.9	1 016.9	Z
+ Recovered & recycled products	1 747.5	650.9	Z	0.0	0.0	1 096.6	Z	0.0	Z	Z	Z	Z
+ Imports	1 350 483.5	104 696.4	0.0	77.6	0.0	865 222.2	329 615.4	18 373.1	472.4	Z	5.8	32 020.5
- Exports	464 688.8	12 946.5	0.0	8.6	0.0	347 630.4	59 394.1	13 410.5	37.0	Z	1.8	31 260.0
+ Change in stock	285.7	1 766.4	0.0	-575.9	-132.0	4 156.9	-4 748.5	-173.9	-7.3	Z	Z	Z
= Gross available energy	**1 522 579.4**	**210 257.7**	**0.0**	**2 359.0**	**4 665.0**	**547 332.7**	**324 643.3**	**222 087.2**	**13 715.0**	**195 737.9**	**1 020.8**	**760.5**
- International maritime bunkers	43 312.7	0.0	0.0	0.0	0.0	43 253.2	42.8	16.7	Z	Z	Z	Z
= Gross inland consumption	**1 479 266.6**	**210 257.7**	**0.0**	**2 359.0**	**4 665.0**	**504 079.5**	**324 600.5**	**222 070.5**	**13 715.0**	**195 737.9**	**1 020.8**	**760.5**
- International aviation	40 906.4	Z	Z	Z	Z	40 906.4	Z	0.0	Z	Z	Z	Z
= Total energy supply	**1 438 360.2**	**210 257.7**	**0.0**	**2 359.0**	**4 665.0**	**463 173.2**	**324 600.5**	**222 070.5**	**13 715.0**	**195 737.9**	**1 020.8**	**760.5**
Transformation input	**1 374 943.1**	**212 154.2**	**7 918.3**	**2 072.4**	**4 626.9**	**705 053.6**	**95 441.4**	**137 783.1**	**9 281.5**	**195 737.9**	**1 581.6**	**3 292.0**
+ Electricity & heat generation	594 611.8	142 366.9	7 918.3	1 975.2	2 367.6	14 534.8	93 581.6	121 974.4	9 281.5	195 737.9	1 581.6	3 292.0
+ Coke ovens	35 158.2	34 669.9	0.0	0.0	194.0	294.3	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	30 271.5	30 186.1	0.0	0.0	0.0	43.5	41.9	0.0	Z	Z	Z	Z
+ Gas works	946.7	511.4	0.0	0.0	428.5	0.3	6.5	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	690 059.8	Z	Z	Z	Z	690 059.8	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	11.9	11.9	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	4 243.2	4 146.0	0.0	97.2	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	1 636.8	0.0	0.0	0.0	1 636.8	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	473.7	Z	0.0	Z	Z	120.7	Z	353.0	Z	Z	Z	Z
+ Liquid biofuels blended	15 123.3	Z	Z	Z	Z	Z	Z	15 123.3	Z	Z	Z	Z
+ Charcoal production plants	236.8	Z	Z	Z	Z	Z	Z	236.8	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	2 169.3	262.0	0.0	0.0	0.0	0.3	1 811.5	95.5	0.0	Z	Z	Z
Transformation output	**1 062 857.0**	**29 681.3**	**19 124.7**	**66.2**	**Z**	**688 750.9**	**383.6**	**15 198.8**	**Z**	**Z**	**56 337.8**	**253 313.7**
+ Electricity & heat generation	309 651.4	Z	Z	Z	Z	Z	Z	Z	Z	Z	56 337.8	253 313.7
+ Coke ovens	32 486.0	25 933.8	6 552.2	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	12 085.5	0.0	12 085.5	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	463.8	0.0	463.8	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	685 826.0	Z	Z	Z	Z	685 826.0	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	7.9	7.9	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	3 805.9	3 739.6	Z	66.2	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	383.6	Z	Z	Z	Z	Z	383.6	Z	Z	Z	Z	Z
+ Liquid biofuels blended	15 115.4	Z	Z	Z	Z	Z	Z	15 115.4	Z	Z	Z	Z
+ Charcoal production plants	83.4	Z	Z	Z	Z	Z	Z	83.4	Z	Z	Z	Z
+ Gas-to-liquids plants	1 598.3	Z	Z	Z	Z	1 598.3	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	1 349.9	0.0	23.3	0.0	Z	1 326.6	Z	Z	Z	Z	Z	Z
Energy sector	**67 922.0**	**695.7**	**5 331.8**	**15.3**	**0.0**	**25 091.1**	**13 013.1**	**588.8**	**32.3**	**Z**	**4 407.9**	**18 746.0**
+ Own use in electricity & heat genera	13 439.3	10.2	16.6	0.0	0.0	42.3	77.5	8.5	0.0	Z	1 239.3	12 044.7
+ Coal mines	1 414.9	309.1	36.5	0.0	0.0	77.5	22.1	0.8	0.0	Z	111.4	857.5
+ Oil & natural gas extraction plants	3 689.9	Z	Z	Z	Z	19.0	3 043.0	0.0	Z	Z	22.3	605.5
+ Patent fuel plants	0.9	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.8	0.1
+ Coke ovens	3 520.1	174.9	2 964.8	0.0	0.0	0.2	127.7	10.0	4.1	Z	108.1	130.3
+ BKB & PB plants	994.7	181.5	0.0	15.3	0.0	Z	Z	3.3	0.0	Z	362.3	432.3
+ Gas works	17.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	Z	0.3	13.2
+ Blast furnaces	1 930.1	1.4	1 720.7	0.0	0.0	0.5	56.8	0.0	14.3	Z	14.4	122.1
+ Petroleum refineries (oil refineries)	38 495.6	18.6	22.0	0.0	0.0	24 715.3	9 295.0	58.9	13.9	Z	1 494.8	2 877.2
+ Nuclear industry	95.3	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	95.3
+ Coal liquefaction plants	203.1	0.0	178.0	0.0	0.0	Z	Z	Z	Z	Z	9.1	16.0
+ Liquefaction & regasification plants (	125.6	Z	Z	Z	Z	Z	122.3	Z	Z	Z	0.3	3.0
+ Gasification plants for biogas	491.2	Z	Z	Z	Z	Z	Z	485.1	0.0	Z	6.2	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	3 504.3	0.0	393.2	0.0	0.0	236.2	268.7	18.6	0.0	Z	1 038.7	1 548.8
Distribution losses	**22 900.8**	**53.3**	**530.8**	**0.0**	**0.0**	**13.4**	**1 412.5**	**83.7**	**0.2**	**Z**	**5 092.1**	**15 714.8**
Available for final consumption	**1 035 451.4**	**27 035.9**	**5 343.8**	**337.5**	**38.1**	**421 766.0**	**215 117.1**	**98 813.7**	**4 401.0**	**0.0**	**46 276.9**	**216 321.3**
Final non-energy consumption	**91 142.5**	**1 584.6**	**18.9**	**0.0**	**67.4**	**74 553.9**	**14 917.7**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**939 681.9**	**22 535.9**	**5 341.1**	**462.1**	**22.0**	**345 079.2**	**200 766.0**	**98 902.1**	**4 401.0**	**Z**	**46 199.5**	**215 972.9**
+ Industry	242 166.7	12 545.4	5 336.9	168.4	22.0	25 037.4	75 197.1	22 361.6	4 194.3	Z	15 062.5	82 240.9
+ Iron & steel	26 567.8	2 890.7	5 083.2	0.0	0.0	573.6	7 956.5	11.8	2.7	Z	403.7	9 645.4
+ Chemical & petrochemical	49 136.4	2 622.9	100.8	2.6	0.0	7 968.1	16 947.2	303.9	427.0	Z	6 228.8	14 535.0
+ Non-ferrous metals	9 970.2	338.0	35.0	0.0	0.0	387.2	3 571.0	3.2	10.1	Z	156.0	5 469.7
+ Non-metallic minerals	33 712.1	3 906.8	67.2	1.1	22.0	5 641.4	13 072.5	1 624.1	3 459.9	Z	337.5	5 579.6
+ Transport equipment	7 665.4	156.2	32.4	0.0	0.0	216.4	2 332.7	17.5	0.1	Z	572.1	4 338.0
+ Machinery	17 431.5	78.4	7.4	0.1	0.0	993.5	5 901.8	122.0	11.4	Z	592.4	9 724.5
+ Mining & quarrying	3 799.3	164.7	9.5	0.0	0.0	907.2	746.3	79.3	1.7	Z	139.6	1 751.0
+ Food, beverages & tobacco	27 559.3	1 410.1	0.0	0.7	0.0	1 541.7	12 759.9	1 083.0	26.7	Z	1 280.3	9 456.9
+ Paper, pulp & printing	32 030.7	754.1	0.0	158.0	0.0	681.5	6 157.8	12 996.8	202.0	Z	2 045.6	9 035.0
+ Wood & wood products	8 686.2	39.9	0.0	5.7	0.0	202.1	568.1	4 985.9	26.2	Z	622.9	2 235.5
+ Construction	9 020.1	45.6	0.0	0.0	0.0	5 052.0	1 493.6	220.1	3.8	Z	32.7	2 172.3
+ Textile & leather	3 720.3	30.5	0.0	0.0	0.0	166.2	1 743.3	24.0	2.2	Z	159.4	1 594.6
+ Not elsewhere specified (industry)	12 580.2	107.5	1.4	0.3	0.0	706.5	1 946.4	602.6	20.5	Z	2 491.6	6 703.3
+ Transport	286 777.6	0.9	0.0	0.0	0.0	262 637.1	3 556.8	15 515.7	0.0	Z	Z	5 067.0
+ Rail	5 458.2	0.9	0.0	0.0	0.0	1 253.0	Z	26.3	0.0	Z	Z	4 178.0
+ Road	267 714.9	Z	Z	Z	Z	250 457.2	1 637.1	15 476.9	0.0	Z	Z	143.8
+ Domestic aviation	6 363.5	Z	Z	Z	Z	6 363.5	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	4 244.6	0.0	0.0	0.0	0.0	4 237.7	Z	6.9	0.0	Z	Z	Z
+ Pipeline transport	2 088.6	Z	Z	Z	Z	0.0	1 911.8	0.0	Z	Z	Z	176.9
+ Not elsewhere specified (transport	907.8	0.0	0.0	0.0	0.0	325.8	8.0	5.6	0.0	Z	Z	568.4
+ Other	410 737.6	9 989.6	4.2	293.7	0.0	57 404.7	122 012.1	61 024.8	206.7	Z	31 136.9	128 665.0
+ Commercial & public services	133 600.9	815.5	2.2	11.3	0.0	10 944.7	39 865.7	8 810.7	206.7	Z	9 567.8	63 376.3
+ Households	245 194.9	8 076.4	2.0	217.9	0.0	28 330.6	78 735.7	47 909.4	0.0	Z	21 259.3	60 663.6
+ Agriculture & forestry	27 250.5	951.4	0.0	64.6	0.0	15 448.6	3 322.5	2 840.6	0.0	Z	251.0	4 371.9
+ Fishing	1 335.5	0.0	0.0	0.0	0.0	1 216.3	1.2	59.9	0.0	Z	0.0	58.0
+ Not elsewhere specified (other)	3 355.8	146.3	0.0	0.0	0.0	1 464.5	86.9	1 404.2	0.0	Z	58.8	195.2
Statistical differences	**4 627.0**	**2 915.5**	**-16.2**	**-124.6**	**-51.4**	**2 132.9**	**-566.6**	**-88.4**	**0.0**	**0.0**	**77.5**	**348.4**
Gross electricity production	252 920.5	51 213.3	2 729.5	509.5	806.5	4 715.0	42 256.7	83 301.8	1 872.8	65 515.3	Z	Z
Gross heat production	54 644.6	12 686.3	884.4	789.6	54.2	1 993.9	19 718.8	15 342.1	3 033.6	98.4	Z	43.2

Source: Eurostat (nrg_bal_c)

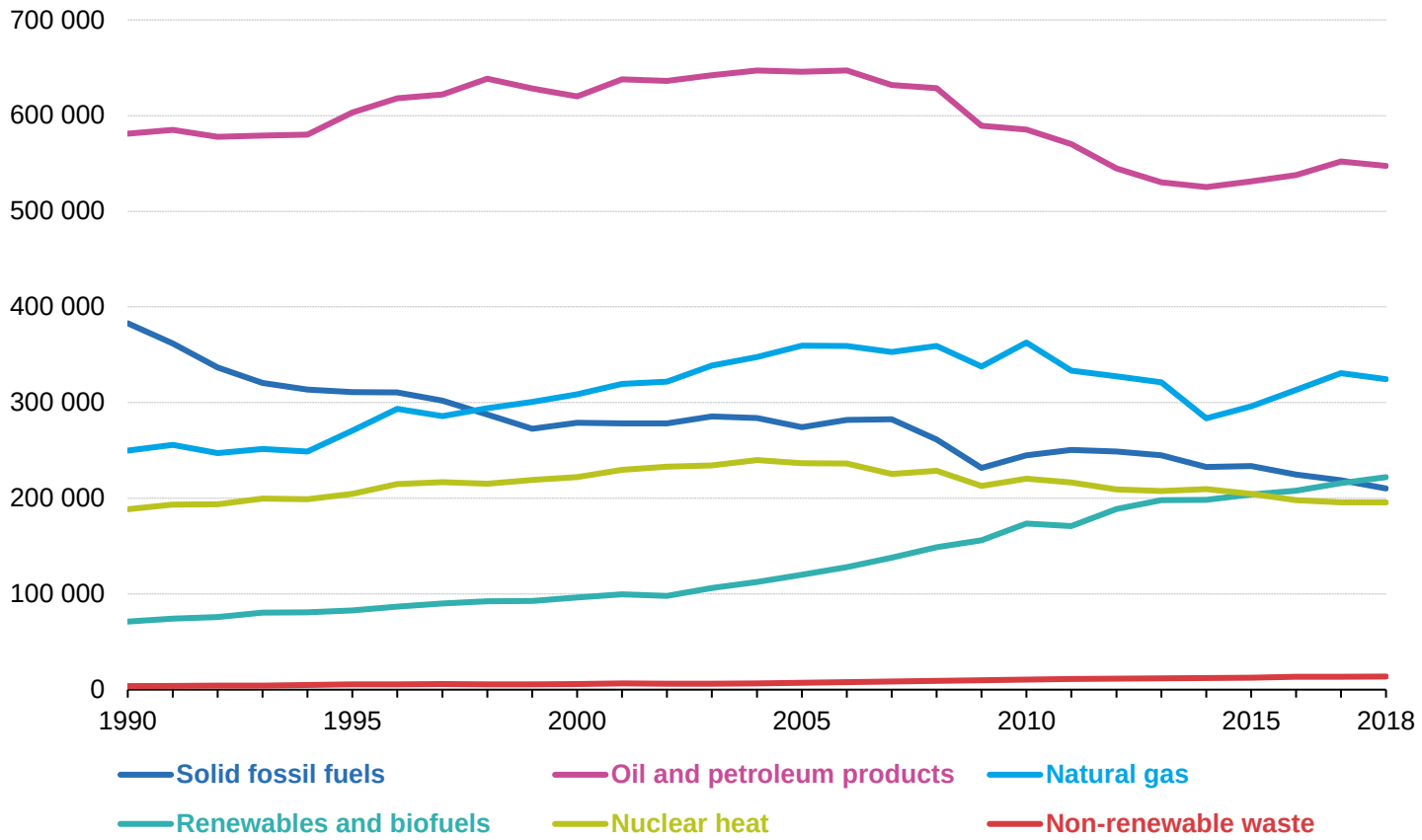
European Union (27 countries)	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	1 606 325	1 560 523	1 538 347	1 520 993	1 468 734	1 488 522	1 502 732	1 533 590	1 522 579
Solid fossil fuels	245 081	250 530	248 790	244 951	232 664	233 806	224 739	218 879	210 258
Peat & peat products	3 347	3 155	3 008	2 062	2 345	2 343	2 333	2 174	2 359
Oil shale & oil sands	3 843	3 984	3 653	4 355	4 158	3 771	4 201	4 202	4 665
Crude oil & other hydrocarbons	560 283	546 281	546 970	527 058	527 733	556 544	554 875	566 539	555 978
Petroleum products	585 457	570 267	544 909	530 371	525 269	531 148	537 871	552 035	547 333
Natural gas	362 786	333 469	327 370	321 336	283 456	295 992	313 181	330 742	324 643
Nuclear heat	220 636	216 383	209 333	207 566	209 762	204 613	198 108	195 602	195 738
Renewable energies	173 607	170 833	188 704	197 884	198 341	204 063	207 821	215 738	222 087
Non-renewable wastes	10 570	11 211	11 338	11 803	12 302	12 549	13 535	13 538	13 715
Primary production	696 267	683 510	690 038	690 857	674 172	658 611	642 641	641 555	634 751
Solid fossil fuels	146 621	149 419	151 021	140 810	135 227	133 781	124 669	122 629	116 090
Peat	3 157	2 773	1 513	3 306	2 815	1 769	1 560	1 604	2 866
Oil shale and oil sands	3 855	3 982	3 996	4 360	4 253	4 216	3 629	4 147	4 797
Crude oil & other hydrocarbons	33 002	31 382	30 214	29 324	28 928	28 212	25 202	25 008	24 487
Natural gas	109 504	102 873	99 404	99 461	85 863	72 373	71 427	67 123	59 171
Nuclear heat	220 636	216 383	209 333	207 566	209 762	204 613	198 108	195 602	195 738
Renewable energies	168 392	165 027	182 770	193 704	194 497	200 678	204 061	211 281	217 298
Non-renewable wastes	10 519	11 057	11 125	11 503	11 959	12 160	13 100	13 089	13 287
Net imports	895 358	878 904	844 189	819 730	798 536	833 098	842 908	881 739	885 795
Solid fossil fuels	93 708	101 284	99 151	95 642	96 464	95 720	92 255	94 733	91 750
Crude oil	507 842	489 300	499 391	473 787	474 011	511 069	507 587	521 347	513 844
Gas/Diesel Oil (w/o bio)	25 723	24 285	11 517	18 657	13 388	14 909	16 269	12 382	17 680
Motor Gasoline (w/o bio)	-39 082	-35 588	-43 453	-41 053	-42 550	-48 882	-47 915	-49 746	-52 854
Naphtha	14 423	9 668	12 982	11 442	13 711	12 057	10 940	14 830	15 699
LPG	9 411	10 099	8 823	11 797	14 021	13 720	13 671	13 182	14 721
All other oil & petroleum products	550 225	532 357	511 466	500 316	494 271	513 688	509 424	517 715	517 592
Natural gas	245 817	238 832	226 668	219 390	203 825	220 479	237 021	265 202	270 221
Transformation input	1 415 079	1 386 689	1 386 170	1 345 359	1 341 333	1 374 517	1 370 004	1 391 164	1 374 943
Electricity & heat generation	648 569	636 352	633 482	619 273	604 738	608 706	604 366	606 979	594 612
Refinery intake	591 124	577 401	577 775	553 522	556 553	583 649	583 249	594 835	587 002
Coke ovens	38 236	37 897	36 527	35 329	35 070	34 903	35 151	35 079	35 158
Blast furnaces	31 528	30 723	30 101	29 825	30 575	30 072	30 059	30 780	30 271
Transformation output	1 059 221	1 034 397	1 036 961	1 010 196	1 011 826	1 045 468	1 049 359	1 069 379	1 062 857
Electricity & heat generation	319 501	310 943	311 671	309 977	300 627	305 202	309 267	312 284	309 651
Refinery output	586 690	572 916	572 465	548 858	553 026	579 903	579 673	590 186	582 961
Coke ovens	34 853	34 588	33 581	32 596	32 301	32 384	32 466	32 341	32 486
Blast furnaces	12 257	12 019	11 785	11 764	12 204	12 135	11 910	12 254	12 086
Energy sector	73 586	72 645	70 335	67 981	66 415	68 596	68 211	68 860	67 922
Distribution losses	24 809	23 267	23 621	23 323	22 243	22 937	23 225	22 866	22 901
Available for final consumption	1 073 251	1 032 947	1 019 283	1 020 883	977 700	993 931	1 013 084	1 039 297	1 035 451
Solid fossil fuels	30 889	31 832	25 195	27 780	23 938	24 198	26 251	25 427	27 036
Manufactured gases	5 611	5 459	5 515	5 467	5 683	5 563	5 408	5 091	5 344
Peat & peat products	321	459	737	24	296	409	426	356	338
Oil shale & oil sands	72	-31	-105	293	58	45	448	64	38
Gas/Diesel Oil (w/o bio)	245 645	241 262	233 484	233 594	232 947	237 041	238 494	242 739	241 478
Motor Gasoline (w/o bio)	78 455	76 818	71 585	68 298	68 615	67 104	67 170	67 770	71 174
Naphtha	39 334	35 237	36 332	33 694	35 069	33 777	33 096	38 037	32 565
LPG	23 163	22 860	21 962	24 610	26 026	26 238	26 282	26 745	27 727
All other oil & petroleum products	449 471	437 446	416 788	410 925	408 912	411 684	415 525	427 050	421 766
Natural gas	230 723	211 416	216 246	222 637	196 224	202 211	208 922	216 060	215 117
Primary solid biofuels & charcoal	67 073	61 848	66 723	67 663	62 227	64 776	65 381	66 194	64 818
Liquid biofuels	12 491	12 878	13 773	12 236	13 168	13 223	13 009	14 697	16 023
All other renewable energies	85 967	82 722	89 348	89 723	86 367	89 778	91 270	97 968	98 814
Non-renewable wastes	2 564	3 020	3 004	3 362	3 525	3 570	3 974	3 906	4 401
Electricity	215 881	213 374	214 139	212 326	208 076	211 395	213 942	216 181	216 321
Heat	51 752	47 250	48 416	48 345	44 621	45 076	46 918	47 195	46 277
Statistical difference	1 929	4 264	-4 831	1 360	-3 120	-3 546	-2 216	4 111	4 627
Final non-energy consumption	98 273	96 470	92 528	89 319	91 329	88 387	88 104	94 826	91 142
Final energy consumption	973 049	932 213	931 586	930 205	889 491	909 091	927 196	940 360	939 682
Industry	244 058	243 519	239 064	236 219	232 895	233 096	235 872	239 243	242 167
Transport	280 063	279 043	269 217	265 687	269 179	272 744	279 206	284 977	286 778
Other sectors	448 928	409 651	423 305	428 299	387 417	403 250	412 118	416 140	410 738
Services	139 838	128 844	131 610	133 125	123 786	130 034	131 891	135 634	133 601
Households	278 529	250 521	261 556	264 838	233 828	243 859	250 668	250 676	245 195

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	1 556 698	1 509 785	1 490 066	1 474 599	1 422 583	1 442 121	1 453 599	1 479 825	1 466 805
Primary energy consumption	1 458 425	1 413 316	1 397 537	1 385 280	1 331 255	1 353 734	1 365 495	1 384 999	1 375 663
Final energy consumption	1 023 959	982 540	980 544	978 804	937 762	957 744	976 733	989 101	989 417

Source: Eurostat (nrg_bal_c)

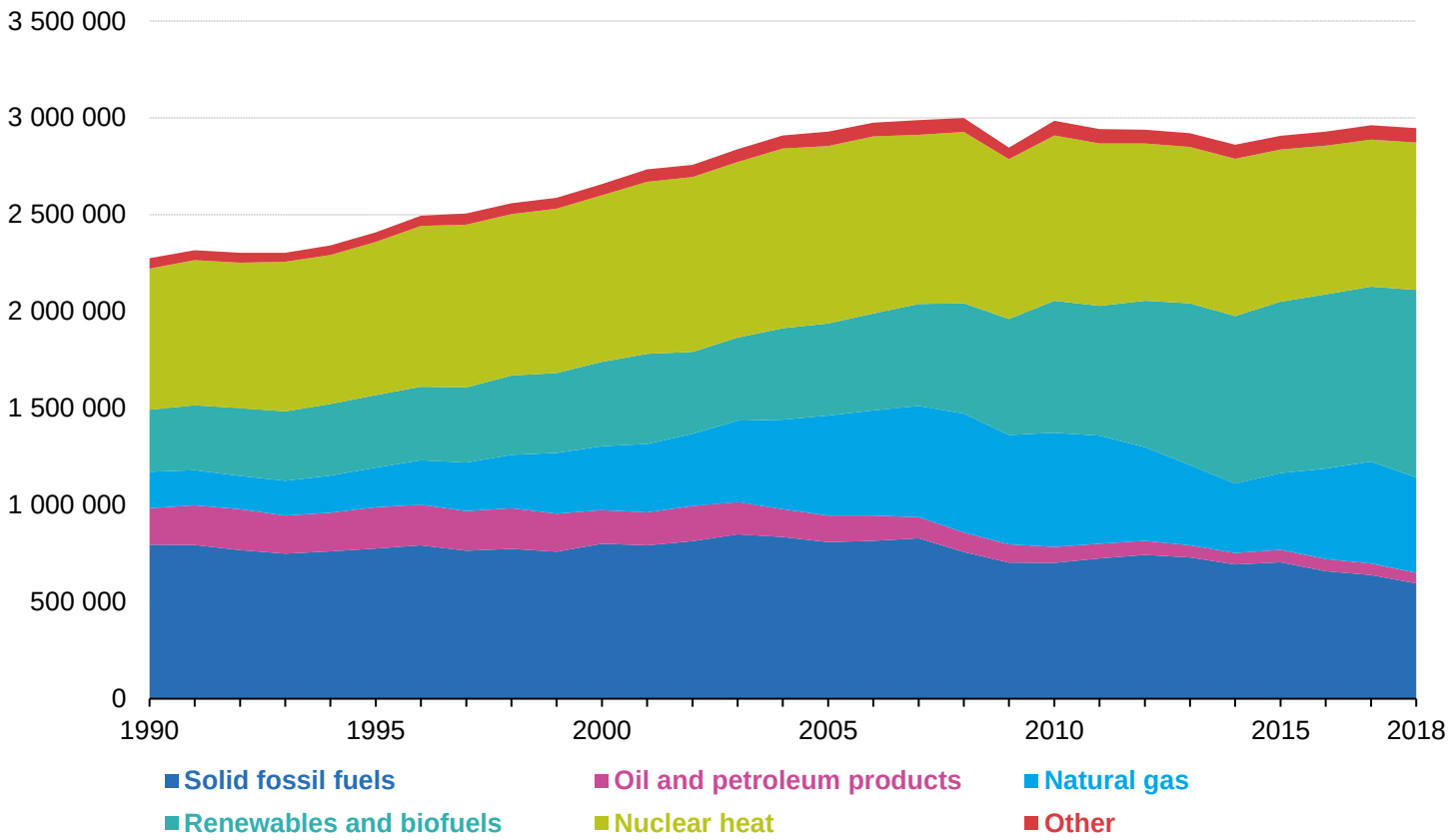
European Union (27 countries)

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

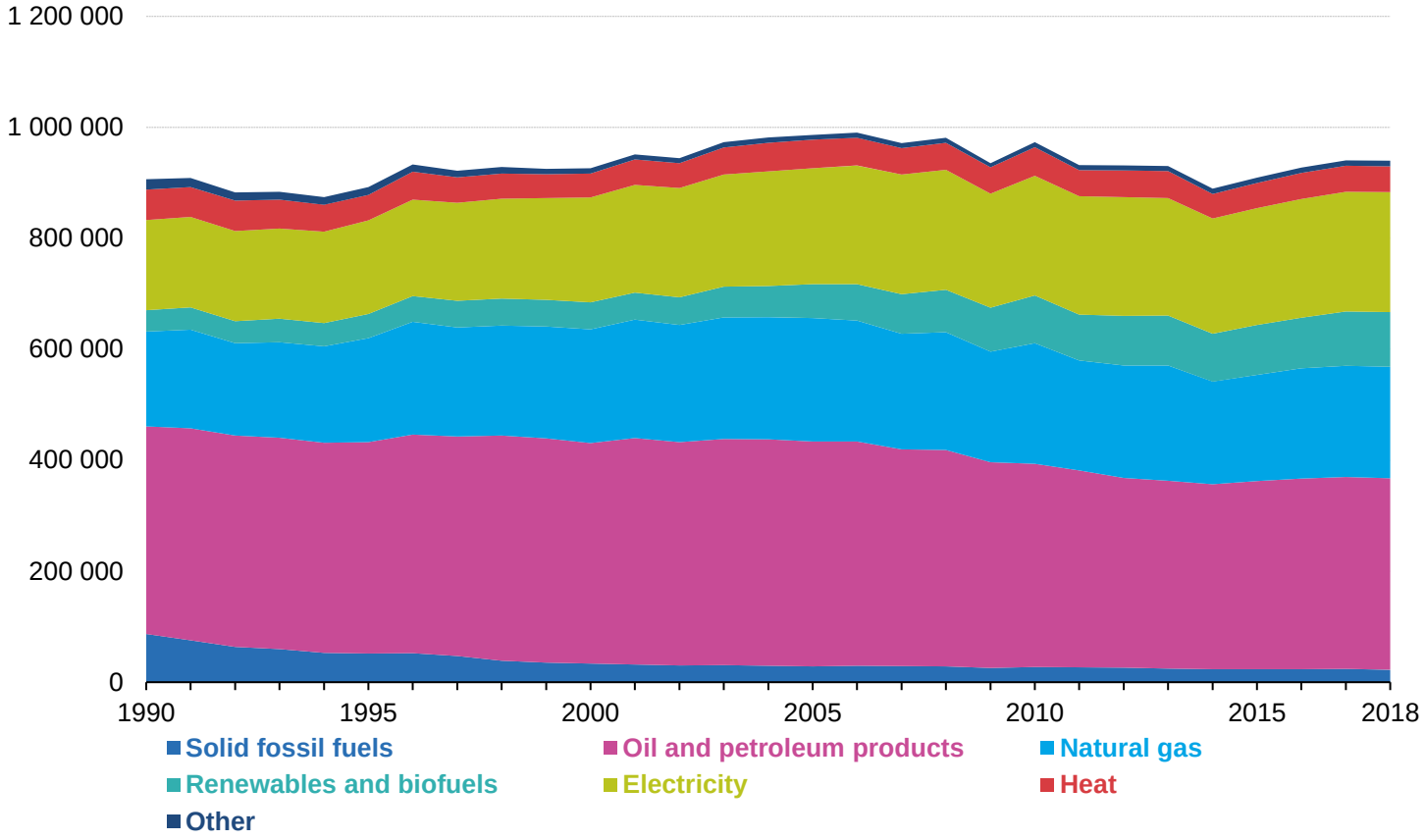


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

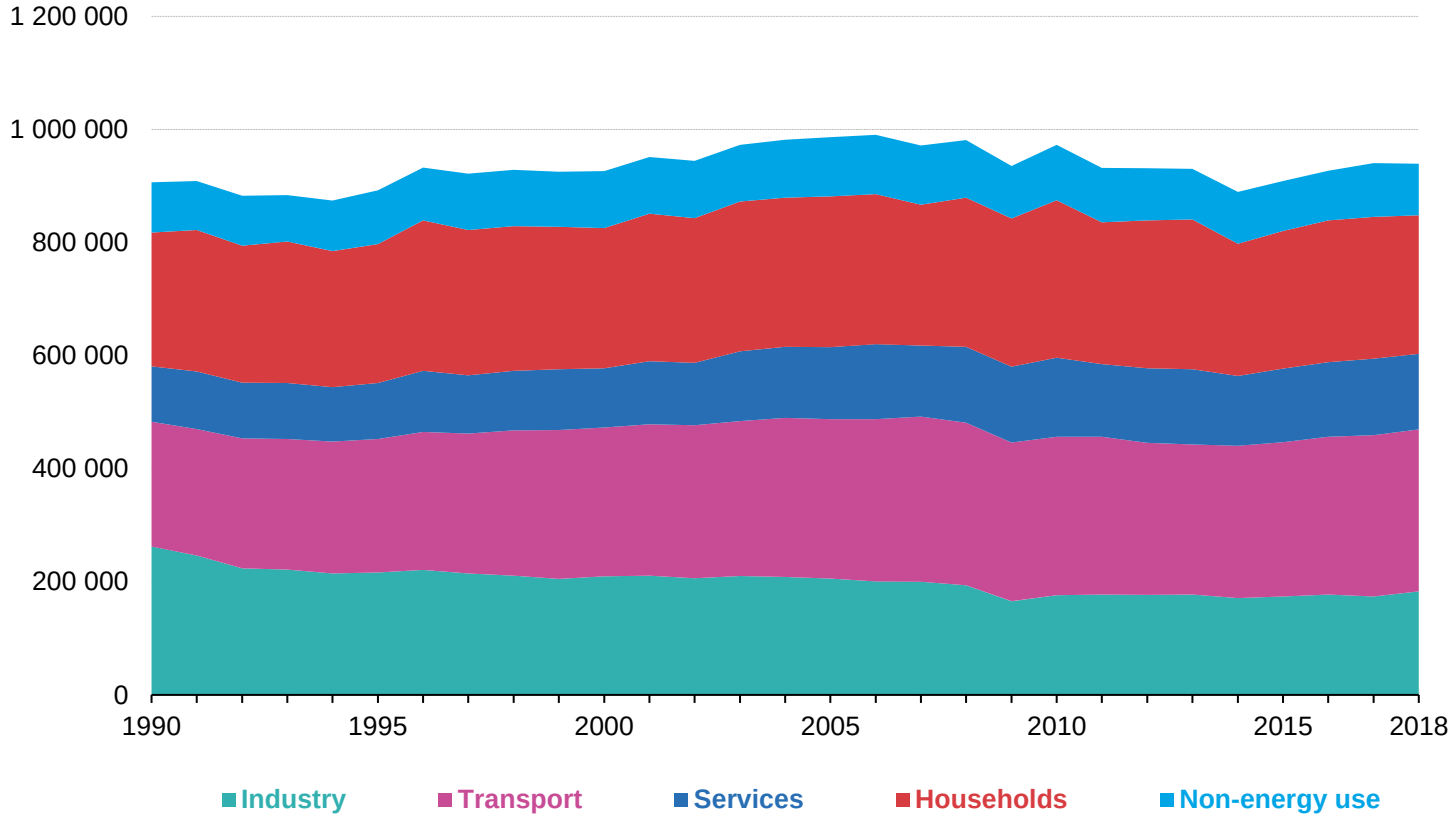
European Union (27 countries)

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production — European Union (27 countries)

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	2 920 811	2 861 354	2 907 219	2 928 525	2 960 843	2 946 036	2 914 304 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	11 102	12 531	12 238	4 878	4 103	4 013	2 333 P
Coking coal	5 338	9 440	1 073	8 638	11 164	8 805	6 517 P
Other bituminous coal	382 352	347 927	370 667	340 950	316 147	286 638	197 341 P
Sub-bituminous coal	4 076	4 613	4 722	2 634	3 170	2 394	1 253 P
Lignite	323 123	315 467	313 662	299 424	301 921	291 618	239 469 P
Coke oven coke	2	2	1	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	2 924	2 766	2 616	2 631	2 329	2 132	1 802 P
Coal tar	1	8	14	17	8	11	15 P
Peat	5 850	6 163	5 834	5 487	5 243	5 926	5 128 P
Peat products	4	5	6	1	0	0	0 P
Oil shale and oil sands	11 406	10 302	7 992	9 623	9 912	9 380	4 295 P
Sub-total	746 178	709 224	718 825	674 282	653 998	610 917	458 154 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	415 197	357 003	397 793	467 640	526 772	491 445	577 245 P
Coke oven gas	6 309	5 769	6 820	6 862	6 937	7 488	8 109 P
Gas works gas	2 158	2 511	2 552	2 527	2 529	1 793	1 779 P
Blast furnace gas	21 233	21 495	20 730	20 566	20 844	20 301	20 872 P
Other recovered gases	1 826	1 894	2 243	1 950	2 183	2 163	2 042 P
Sub-total	446 723	388 672	430 138	499 547	559 264	523 189	610 047 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	6 019	6 348	6 431	7 112	6 554	7 176	6 715 P
Liquefied petroleum gases	398	389	414	552	452	237	282 P
Naphtha	66	16	0	0	0	0	0 P
Kerosene-type jet fuel	0	1	0	0	0	1	0 P
Other kerosene	22	14	10	7	13	13	14 P
Gas oil and diesel oil	11 281	10 461	10 003	9 844	10 523	9 999	8 920 P
Fuel oil	29 756	29 034	31 226	30 209	28 737	25 614	21 038 P
Petroleum coke	1 687	1 642	4 158	3 598	2 280	1 577	645 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	13 866	12 611	11 140	10 677	10 127	10 219	14 168 P
Sub-total	63 096	60 516	63 383	61 998	58 686	54 836	51 782 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	396 653	398 609	363 241	372 711	322 464	370 651	345 502 P
Geothermal	6 026	6 303	6 614	6 734	6 715	6 658	6 683 P
Wind	209 475	222 359	263 205	266 833	312 306	320 519	366 268 P
Solar thermal	4 770	5 455	5 593	5 579	5 883	4 867	5 683 P
Solar photovoltaic	79 334	88 714	95 264	95 455	102 046	110 115	119 015 P
Tide, wave, ocean	414	481	487	501	522	480	480 P
Solid biofuels	70 516	70 732	72 079	72 394	74 239	75 958	75 970 P
Liquid biofuels	4 295	4 819	5 496	5 293	4 990	4 919	4 977 P
Biogases	47 184	50 887	53 792	55 044	55 668	55 325	56 462 P
Renewable municipal waste	16 956	17 809	18 014	18 405	18 748	19 306	19 942 P
Sub-total	835 623	866 167	883 785	898 947	903 581	968 798	1 000 982 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	2 399	2 529	2 605	2 893	2 588	2 851	3 115 P
Non-renewable municipal waste	15 849	16 757	16 921	17 984	18 394	18 930	19 535 P
Sub-total	18 248	19 287	19 526	20 876	20 982	21 781	22 650 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	806 223	812 550	786 675	767 958	759 383	761 943	766 127 P
Heat from chemical sources	1 054	1 112	1 111	1 160	1 172	1 099	1 055 P
Other fuels not elsewhere specified	3 666	3 826	3 776	3 755	3 777	3 473	3 507 P
Sub-total	810 943	817 488	791 562	772 874	764 332	766 516	770 689 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	9 047	8 263	7 529	5 184	4 920	4 938	3 175 P
Coking coal	54 188	55 238	52 223	54 586	55 493	54 147	48 437 P
Other bituminous coal	196 905	181 890	188 180	181 244	171 665	162 221	124 768 P
Sub-bituminous coal	3 713	4 065	4 124	2 838	3 128	2 590	1 985 P
Lignite	413 182	403 011	399 260	373 142	382 358	369 402	305 800 P
Coke oven coke	36 620	36 784	35 735	34 739	35 006	34 727	31 774 P
Patent fuel	229	158	199	194	167	173	99 P
Brown coal briquettes	8 160	7 743	7 041	7 204	7 141	6 719	5 981 P
Coal tar	1 112	1 162	993	1 053	983	977	986 P
Peat	10 708	10 494	9 901	9 885	9 538	10 156	8 901 P
Peat products	299	269	231	223	205	237	188 P
Oil shale and oil sands	20 486	20 628	17 899	19 894	21 897	21 374	14 992 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	14 953 177	13 192 380	13 775 656	14 578 466	15 394 111	15 112 635	15 828 234 P
Coke oven gas	302 516	304 147	307 190	303 185	297 374	304 807	258 096 P
Gas works gas	24 216	24 890	23 299	22 519	22 105	21 878	19 894 P
Blast furnace gas	441 315	452 276	444 398	435 493	450 245	444 831	453 836 P
Other recovered gases	51 362	58 925	64 226	63 369	63 351	61 867	48 529 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	511 139	508 959	542 504	536 228	549 811	538 930	530 306 P
Refinery intake	546 477	549 130	575 746	575 472	587 966	579 221	566 638 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	290 087	287 904	305 993	317 367	318 637	317 840	315 200 P
Export	289 811	291 758	325 256	335 011	341 219	331 404	311 744 P
Total refinery output	539 461	542 804	570 907	570 023	581 737	573 199	561 943 P
Gas oil and diesel oil	223 026	224 691	235 702	229 757	232 080	226 883	227 786 P
Motor gasoline	97 115	98 587	102 047	101 755	101 780	102 321	98 860 P
Fuel oil	63 955	63 502	66 954	71 852	73 271	71 536	61 256 P
Naphtha	32 900	33 311	36 297	37 336	42 866	41 907	40 696 P
Kerosene-type jet fuel	27 557	27 542	28 421	28 809	30 262	33 306	33 174 P
All other oil products	94 908	95 171	101 486	100 514	101 478	97 246	100 172 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	3 895 379	3 673 753	3 787 457	3 837 196	3 899 828	3 857 630	3 901 267 P
Charcoal [kt]	511	503	514	488	507	546	474 P
Biogases [TJ]	497 907	532 748	553 160	569 196	581 561	580 326	590 132 P
Pure biogasoline [kt]	3 584	3 554	3 715	3 641	3 840	4 112	4 320 P
Pure biodiesels [kt]	11 005	11 977	11 908	11 606	12 948	14 460	14 747 P
Other liquid biofuels [kt]	1 218	1 309	1 416	1 439	1 350	1 384	1 375 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	355 748	369 077	375 598	386 516	396 562	392 183	400 119 P
Non-renewable municipal waste	341 900	354 393	358 418	385 791	395 441	388 358	398 680 P
Industrial waste (non-renewable)	152 283	160 662	166 973	180 911	171 379	185 863	191 954 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	250 762	260 853	274 207	282 571	285 458	285 886	286 774 P
Solar thermal	157 198	173 678	180 793	183 254	191 311	181 131	195 306 P
Ambinet heat (heat pumps)	194 789	231 974	255 331	287 437	451 361	479 162	502 789 P

Source: Eurostat (nrg_cb_rw)

European Union (28 countries) ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	756 018.0	117 663.3	Z	2 865.9	4 797.0	77 337.1	94 022.2	233 931.8	14 585.3	209 798.6	1 016.9	Z
+ Recovered & recycled products	1 747.5	650.9	Z	0.0	0.0	1 096.6	Z	0.0	Z	Z	Z	Z
+ Imports	1 493 542.4	111 808.4	0.0	77.6	0.0	955 845.4	369 407.9	22 070.2	472.4	Z	5.8	33 854.7
- Exports	541 262.7	13 357.3	0.0	8.6	0.0	416 970.5	65 772.9	13 663.4	37.0	Z	1.8	31 451.3
+ Change in stock	125.3	1 604.7	0.0	-575.9	-132.0	4 755.7	-5 336.5	-183.4	-7.3	Z	Z	Z
= Gross available energy	**1 710 170.5**	**218 370.0**	**0.0**	**2 359.0**	**4 665.0**	**622 064.2**	**392 320.7**	**242 155.2**	**15 013.4**	**209 798.6**	**1 020.8**	**2 403.5**
- International maritime bunkers	45 767.0	0.0	0.0	0.0	0.0	45 707.5	42.8	16.7	Z	Z	Z	Z
= Gross inland consumption	**1 664 403.5**	**218 370.0**	**0.0**	**2 359.0**	**4 665.0**	**576 356.8**	**392 277.9**	**242 138.5**	**15 013.4**	**209 798.6**	**1 020.8**	**2 403.5**
- International aviation	52 901.9	Z	Z	Z	Z	52 901.9	Z	0.0	Z	Z	Z	Z
= Total energy supply	**1 611 501.6**	**218 370.0**	**0.0**	**2 359.0**	**4 665.0**	**523 454.9**	**392 277.9**	**242 138.5**	**15 013.4**	**209 798.6**	**1 020.8**	**2 403.5**
Transformation input	**1 508 667.6**	**219 733.4**	**8 401.0**	**2 072.4**	**4 626.9**	**776 175.9**	**118 803.9**	**153 434.7**	**10 455.6**	**209 798.6**	**1 581.6**	**3 583.6**
+ Electricity & heat generation	652 493.8	146 373.8	8 400.2	1 975.2	2 367.6	14 986.8	116 929.9	136 040.9	10 455.6	209 798.6	1 581.6	3 583.6
+ Coke ovens	36 448.7	35 946.2	0.0	0.0	194.0	294.3	14.2	0.0	Z	Z	Z	Z
+ Blast furnaces	32 441.0	32 355.6	0.0	0.0	0.0	43.5	41.9	0.0	Z	Z	Z	Z
+ Gas works	946.7	511.4	0.0	0.0	428.5	0.3	6.5	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	760 671.6	Z	Z	Z	Z	760 671.6	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	196.8	138.4	0.0	0.0	0.0	58.3	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	4 243.2	4 146.0	0.0	97.2	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	1 636.8	0.0	0.0	0.0	1 636.8	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	754.4	Z	0.0	Z	Z	120.7	Z	633.7	Z	Z	Z	Z
+ Liquid biofuels blended	16 427.7	Z	Z	Z	Z	Z	Z	16 427.7	Z	Z	Z	Z
+ Charcoal production plants	236.8	Z	Z	Z	Z	Z	Z	236.8	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	2 170.1	262.0	0.8	0.0	0.0	0.3	1 811.5	95.5	0.0	Z	Z	Z
Transformation output	**1 166 944.0**	**30 761.9**	**20 191.2**	**66.2**	**Z**	**759 111.9**	**634.7**	**16 503.2**	**Z**	**Z**	**57 922.3**	**281 752.4**
+ Electricity & heat generation	339 674.7	Z	Z	Z	Z	Z	Z	Z	Z	Z	57 922.3	281 752.4
+ Coke ovens	33 702.9	26 881.2	6 821.7	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	12 867.5	0.0	12 867.5	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	463.8	0.0	463.8	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	756 164.7	Z	Z	Z	Z	756 164.7	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	141.1	141.1	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	3 805.9	3 739.6	Z	66.2	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	634.7	Z	Z	Z	Z	Z	634.7	Z	Z	Z	Z	Z
+ Liquid biofuels blended	16 419.8	Z	Z	Z	Z	Z	Z	16 419.8	Z	Z	Z	Z
+ Charcoal production plants	83.4	Z	Z	Z	Z	Z	Z	83.4	Z	Z	Z	Z
+ Gas-to-liquids plants	1 598.3	Z	Z	Z	Z	1 598.3	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	1 387.1	0.0	38.2	0.0	Z	1 348.9	Z	Z	Z	Z	Z	Z
Energy sector	**78 809.4**	**695.7**	**5 762.6**	**15.3**	**0.0**	**29 107.1**	**17 404.0**	**588.8**	**32.3**	**Z**	**4 729.4**	**20 474.3**
+ Own use in electricity & heat genera	14 580.8	10.2	16.6	0.0	0.0	42.3	77.5	8.5	0.0	Z	1 239.3	13 186.2
+ Coal mines	1 456.9	309.1	36.5	0.0	0.0	77.5	28.2	0.8	0.0	Z	111.4	893.4
+ Oil & natural gas extraction plants	8 357.2	Z	Z	Z	Z	693.7	6 981.4	0.0	Z	Z	22.3	659.8
+ Patent fuel plants	0.9	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.8	0.1
+ Coke ovens	3 712.5	174.9	3 132.6	0.0	0.0	0.2	152.3	10.0	4.1	Z	108.1	130.3
+ BKB & PB plants	994.7	181.5	0.0	15.3	0.0	Z	Z	3.3	0.0	Z	362.3	432.3
+ Gas works	17.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	Z	0.3	13.2
+ Blast furnaces	2 208.3	1.4	1 983.7	0.0	0.0	0.5	56.8	0.0	14.3	Z	14.4	137.4
+ Petroleum refineries (oil refineries)	42 612.3	18.6	22.0	0.0	0.0	28 056.6	9 389.5	58.9	13.9	Z	1 816.3	3 236.5
+ Nuclear industry	97.5	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	97.5
+ Coal liquefaction plants	203.1	0.0	178.0	0.0	0.0	Z	Z	Z	Z	Z	9.1	16.0
+ Liquefaction & regasification plants (	214.6	Z	Z	Z	Z	Z	211.3	Z	Z	Z	0.3	3.0
+ Gasification plants for biogas	491.2	Z	Z	Z	Z	Z	Z	485.1	0.0	Z	6.2	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	3 862.3	0.0	393.2	0.0	0.0	236.2	507.1	18.6	0.0	Z	1 038.7	1 668.5
Distribution losses	**25 784.9**	**53.3**	**620.2**	**0.0**	**0.0**	**13.4**	**1 920.1**	**83.7**	**0.2**	**Z**	**5 092.1**	**18 001.9**
Available for final consumption	**1 165 183.6**	**28 649.6**	**5 407.5**	**337.5**	**38.1**	**477 270.5**	**254 784.6**	**104 534.5**	**4 525.4**	**0.0**	**47 540.0**	**242 096.1**
Final non-energy consumption	**99 096.6**	**1 584.6**	**18.9**	**0.0**	**67.4**	**82 137.6**	**15 288.1**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**1 061 626.3**	**24 240.1**	**5 407.5**	**462.1**	**22.0**	**393 134.2**	**240 004.9**	**104 620.0**	**4 525.3**	**Z**	**47 462.6**	**241 747.7**
+ Industry	263 590.2	13 714.8	5 403.3	168.4	22.0	27 141.2	83 319.2	23 549.1	4 283.4	Z	15 739.8	90 249.1
+ Iron & steel	27 382.1	3 104.0	5 149.5	0.0	0.0	577.9	8 266.9	11.9	2.7	Z	403.7	9 865.6
+ Chemical & petrochemical	52 575.4	2 660.5	100.8	2.6	0.0	8 086.1	18 618.2	336.8	458.0	Z	6 464.5	15 847.9
+ Non-ferrous metals	10 591.6	356.5	35.0	0.0	0.0	394.4	3 815.1	3.2	10.1	Z	156.0	5 821.2
+ Non-metallic minerals	36 190.0	4 282.4	67.2	1.1	22.0	5 817.7	14 215.9	1 806.6	3 517.4	Z	337.5	6 122.2
+ Transport equipment	8 670.4	186.4	32.4	0.0	0.0	370.8	2 743.1	17.5	0.1	Z	572.1	4 748.0
+ Machinery	19 660.0	87.6	7.4	0.1	0.0	993.5	7 036.6	122.5	11.8	Z	592.4	10 808.0
+ Mining & quarrying	3 809.2	164.7	9.5	0.0	0.0	907.2	746.3	79.3	1.7	Z	139.6	1 760.9
+ Food, beverages & tobacco	30 454.9	1 455.8	0.0	0.7	0.0	1 656.6	14 378.6	1 178.6	26.7	Z	1 285.0	10 473.1
+ Paper, pulp & printing	33 805.6	817.0	0.0	158.0	0.0	713.4	6 514.5	13 427.6	202.0	Z	2 045.6	9 927.7
+ Wood & wood products	8 766.0	39.9	0.0	5.7	0.0	238.9	611.0	4 986.0	26.2	Z	622.9	2 235.5
+ Construction	9 734.8	48.7	0.0	0.0	0.0	5 271.2	1 865.9	220.1	3.8	Z	32.7	2 292.3
+ Textile & leather	4 258.2	66.3	0.0	0.0	0.0	210.8	1 966.9	24.0	2.2	Z	159.4	1 828.6
+ Not elsewhere specified (industry)	17 351.1	444.9	1.4	0.3	0.0	1 902.8	2 540.3	994.1	20.6	Z	2 928.4	8 518.3
+ Transport	328 590.7	10.7	0.0	0.0	0.0	302 725.0	3 556.8	16 802.5	0.0	Z	Z	5 495.5
+ Rail	6 499.8	10.7	0.0	0.0	0.0	1 877.1	Z	26.3	0.0	Z	Z	4 585.7
+ Road	306 676.1	Z	Z	Z	Z	288 110.8	1 637.1	16 763.7	0.0	Z	Z	164.5
+ Domestic aviation	7 266.4	Z	Z	Z	Z	7 266.4	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	5 152.0	0.0	0.0	0.0	0.0	5 145.0	Z	6.9	0.0	Z	Z	Z
+ Pipeline transport	2 088.6	Z	Z	Z	Z	0.0	1 911.8	0.0	Z	Z	Z	176.9
+ Not elsewhere specified (transport	907.8	0.0	0.0	0.0	0.0	325.8	8.0	5.6	0.0	Z	Z	568.4
+ Other	469 445.4	10 514.6	4.2	293.7	0.0	63 267.9	153 128.8	64 268.4	241.9	Z	31 722.8	146 003.0
+ Commercial & public services	151 589.2	835.7	2.2	11.3	0.0	13 149.3	46 252.9	9 893.6	241.9	Z	9 893.3	71 308.9
+ Households	283 185.9	8 576.7	2.0	217.9	0.0	30 677.2	102 558.4	49 936.5	0.0	Z	21 519.8	69 697.5
+ Agriculture & forestry	28 507.6	951.4	0.0	64.6	0.0	16 213.1	3 402.9	2 974.2	0.0	Z	251.0	4 650.5
+ Fishing	1 576.5	0.0	0.0	0.0	0.0	1 364.5	1.2	59.9	0.0	Z	0.0	150.9
+ Not elsewhere specified (other)	4 586.2	150.9	0.0	0.0	0.0	1 863.8	913.4	1 404.2	0.0	Z	58.8	195.2
Statistical differences	**4 460.8**	**2 824.9**	**-18.9**	**-124.6**	**-51.4**	**1 998.7**	**-508.4**	**-85.4**	**0.0**	**0.0**	**77.5**	**348.4**
Gross electricity production	281 359.2	52 660.5	2 796.0	509.5	806.5	4 807.3	53 562.8	92 814.2	2 292.5	71 109.8	Z	Z
Gross heat production	56 229.2	12 688.6	885.0	789.6	54.2	2 022.8	21 156.8	15 446.9	3 043.6	98.4	Z	43.2

Source: Eurostat (nrg_bal_c)

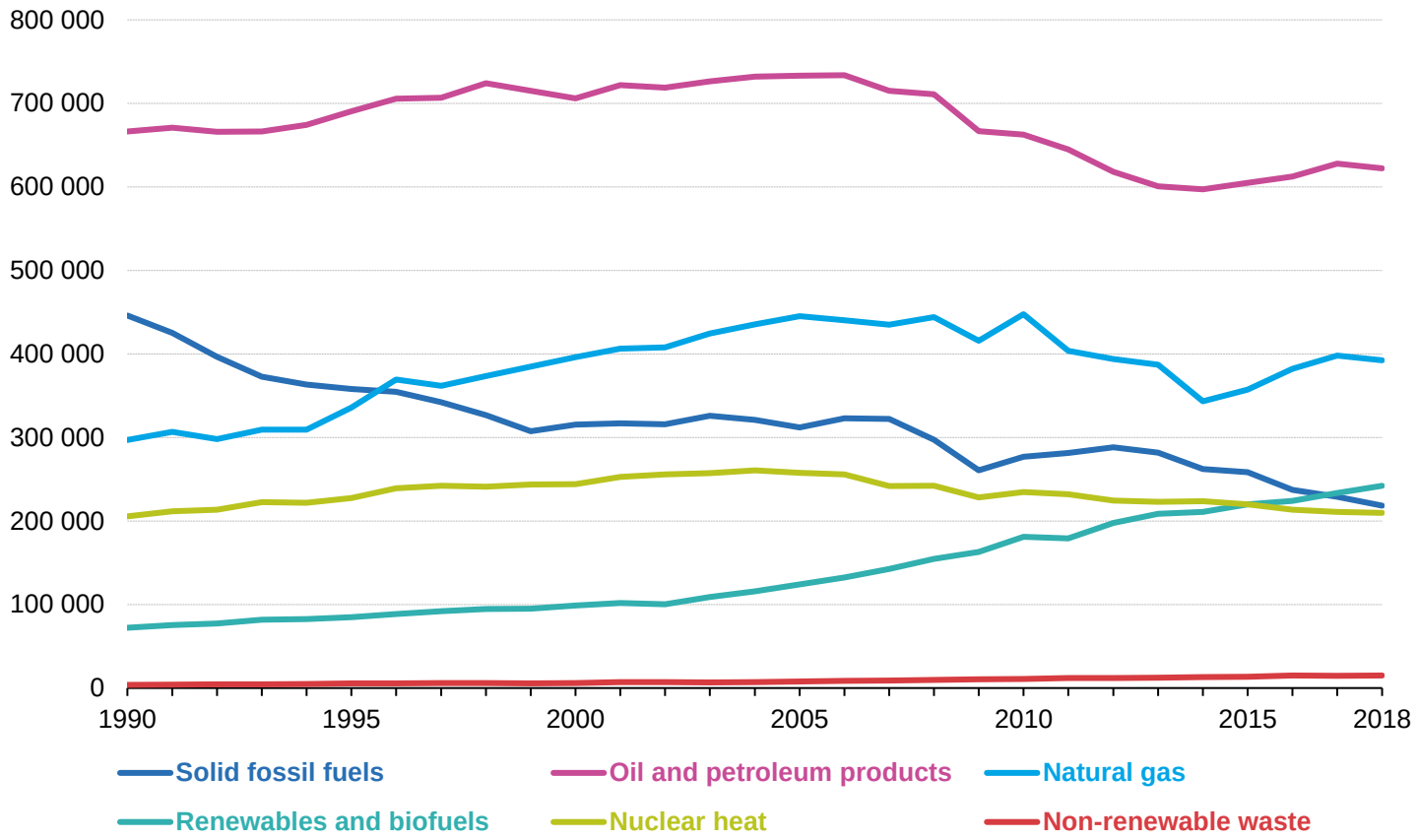
European Union (28 countries)	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	1 822 120	1 761 409	1 742 951	1 722 313	1 659 086	1 681 984	1 693 250	1 721 742	1 710 170
Solid fossil fuels	276 955	281 419	288 116	281 884	262 252	258 476	237 147	228 800	218 370
Peat & peat products	3 347	3 155	3 008	2 062	2 345	2 343	2 333	2 174	2 359
Oil shale & oil sands	3 843	3 984	3 653	4 355	4 158	3 771	4 201	4 202	4 665
Crude oil & other hydrocarbons	638 971	626 026	623 321	595 942	592 468	621 266	618 360	630 594	617 139
Petroleum products	662 547	644 846	617 908	600 858	597 091	604 706	612 471	627 672	622 064
Natural gas	447 604	403 812	393 755	387 120	343 395	357 239	382 136	397 870	392 321
Nuclear heat	234 583	232 009	224 539	223 009	223 612	220 092	213 522	210 726	209 799
Renewable energies	180 985	179 008	197 574	208 698	210 875	219 775	224 119	233 648	242 155
Non-renewable wastes	11 031	11 950	12 136	12 423	13 157	13 531	14 853	14 700	15 013
Primary production	842 247	810 717	803 268	797 555	779 522	774 288	760 472	759 495	756 018
Solid fossil fuels	157 150	159 972	160 661	148 327	142 152	138 896	127 192	124 486	117 663
Peat	3 157	2 773	1 513	3 306	2 815	1 769	1 560	1 604	2 866
Oil shale and oil sands	3 855	3 982	3 996	4 360	4 253	4 216	3 629	4 147	4 797
Crude oil & other hydrocarbons	98 452	85 380	76 490	71 548	70 428	75 261	74 494	73 471	77 337
Natural gas	159 290	142 497	133 104	131 259	118 048	106 619	107 317	103 134	94 022
Nuclear heat	234 583	232 009	224 539	223 009	223 612	220 092	213 522	210 726	209 799
Renewable energies	174 201	171 696	190 381	202 801	204 532	213 485	217 455	226 604	233 932
Non-renewable wastes	10 980	11 796	11 923	12 123	12 814	13 141	14 417	14 251	14 585
Net imports	957 955	953 115	932 960	915 877	887 569	905 970	910 756	948 591	952 280
Solid fossil fuels	109 753	120 941	126 166	126 969	122 951	110 312	98 537	100 553	98 451
Crude oil	518 730	511 430	525 525	494 439	493 039	524 276	516 690	531 391	517 619
Gas/Diesel Oil (w/o bio)	27 690	25 564	14 866	23 591	21 057	25 422	28 353	24 407	29 912
Motor Gasoline (w/o bio)	-45 220	-42 111	-50 789	-47 862	-48 065	-55 766	-55 650	-57 968	-60 200
Naphtha	13 667	8 971	12 662	11 731	14 003	12 651	11 934	15 969	16 811
LPG	9 006	9 412	7 886	10 992	13 544	13 534	13 597	13 168	15 160
All other oil & petroleum products	561 077	552 350	538 237	528 192	524 571	540 693	534 824	544 677	538 875
Natural gas	279 718	271 352	259 375	253 329	231 764	247 027	268 757	295 415	303 635
Transformation input	1 584 787	1 554 965	1 551 007	1 503 361	1 489 686	1 520 028	1 510 119	1 528 542	1 508 668
Electricity & heat generation	725 385	710 924	709 037	692 265	671 728	673 736	666 108	666 880	652 494
Refinery intake	667 805	655 675	652 590	621 418	620 145	647 149	645 685	657 098	647 632
Coke ovens	42 191	41 732	40 117	39 153	38 676	37 584	36 493	36 454	36 449
Blast furnaces	34 336	33 328	32 925	33 487	34 220	33 505	32 567	33 155	32 441
Transformation output	1 182 879	1 158 038	1 156 192	1 124 341	1 120 145	1 153 798	1 156 413	1 175 441	1 166 944
Electricity & heat generation	353 714	343 972	344 352	342 136	331 139	335 779	339 866	342 773	339 675
Refinery output	662 041	649 993	646 591	616 453	615 699	643 064	641 857	652 219	643 349
Coke ovens	38 538	38 293	37 010	36 090	35 670	34 956	33 737	33 658	33 703
Blast furnaces	13 237	12 922	12 790	13 103	13 527	13 350	12 778	13 093	12 868
Energy sector	86 924	85 283	82 567	79 576	77 377	79 655	79 539	80 076	78 809
Distribution losses	28 273	26 586	26 750	26 396	25 344	26 262	26 003	25 692	25 785
Available for final consumption	1 212 470	1 158 741	1 149 207	1 149 996	1 100 234	1 122 234	1 142 683	1 167 930	1 165 184
Solid fossil fuels	34 310	34 041	27 886	30 084	26 054	27 400	28 599	27 391	28 650
Manufactured gases	5 789	5 581	5 591	5 550	5 756	5 670	5 491	5 172	5 407
Peat & peat products	321	459	737	24	296	409	426	356	338
Oil shale & oil sands	72	-31	-105	293	58	45	448	64	38
Gas/Diesel Oil (w/o bio)	271 349	266 757	260 415	260 281	260 254	265 904	268 512	273 063	271 525
Motor Gasoline (w/o bio)	93 975	91 732	85 765	81 656	81 763	79 762	79 926	80 065	83 562
Naphtha	40 346	36 378	37 429	34 798	36 108	35 230	34 477	39 569	33 855
LPG	26 531	26 244	24 688	27 122	28 765	29 363	29 519	30 054	31 118
All other oil & petroleum products	505 455	490 679	469 650	462 354	461 689	466 599	471 283	483 368	477 270
Natural gas	277 874	250 343	259 121	265 908	232 731	239 660	247 848	254 201	254 785
Primary solid biofuels & charcoal	68 607	63 244	68 344	69 803	64 414	67 255	68 042	68 906	67 857
Liquid biofuels	13 642	13 941	14 668	13 259	14 336	14 156	13 954	15 630	17 309
All other renewable energies	88 810	85 386	92 098	93 212	90 081	94 508	96 260	102 940	104 535
Non-renewable wastes	2 653	3 110	3 075	3 501	3 669	3 683	4 086	4 029	4 525
Electricity	244 167	240 716	241 516	239 534	234 124	237 948	240 084	241 949	242 096
Heat	53 018	48 455	49 638	49 538	45 776	46 313	48 158	48 462	47 540
Statistical difference	3 170	3 569	-4 287	265	-3 882	-2 647	-2 260	3 720	4 461
Final non-energy consumption	106 172	104 119	99 249	96 131	98 031	95 748	95 999	102 961	99 097
Final energy consumption	1 103 129	1 051 053	1 054 245	1 053 601	1 006 085	1 029 133	1 048 943	1 061 250	1 061 626
Industry	269 654	267 471	262 678	259 863	255 863	256 135	257 106	260 840	263 590
Transport	320 501	318 951	308 965	305 179	309 287	313 634	321 020	326 918	328 591
Other sectors	512 974	464 631	482 602	488 559	440 935	459 365	470 817	473 492	469 445
Services	156 365	144 084	147 842	149 711	139 310	146 864	149 946	153 442	151 589
Households	324 041	288 307	302 514	306 296	269 641	281 128	288 622	287 487	283 186

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	1 769 690	1 707 523	1 691 936	1 673 040	1 610 003	1 631 949	1 640 330	1 664 649	1 650 854
Primary energy consumption	1 663 519	1 603 404	1 592 686	1 576 909	1 511 972	1 536 202	1 544 331	1 561 689	1 551 757
Final energy consumption	1 167 068	1 114 703	1 116 308	1 115 718	1 067 879	1 090 349	1 110 362	1 122 632	1 123 919

Source: Eurostat (nrg_bal_c)

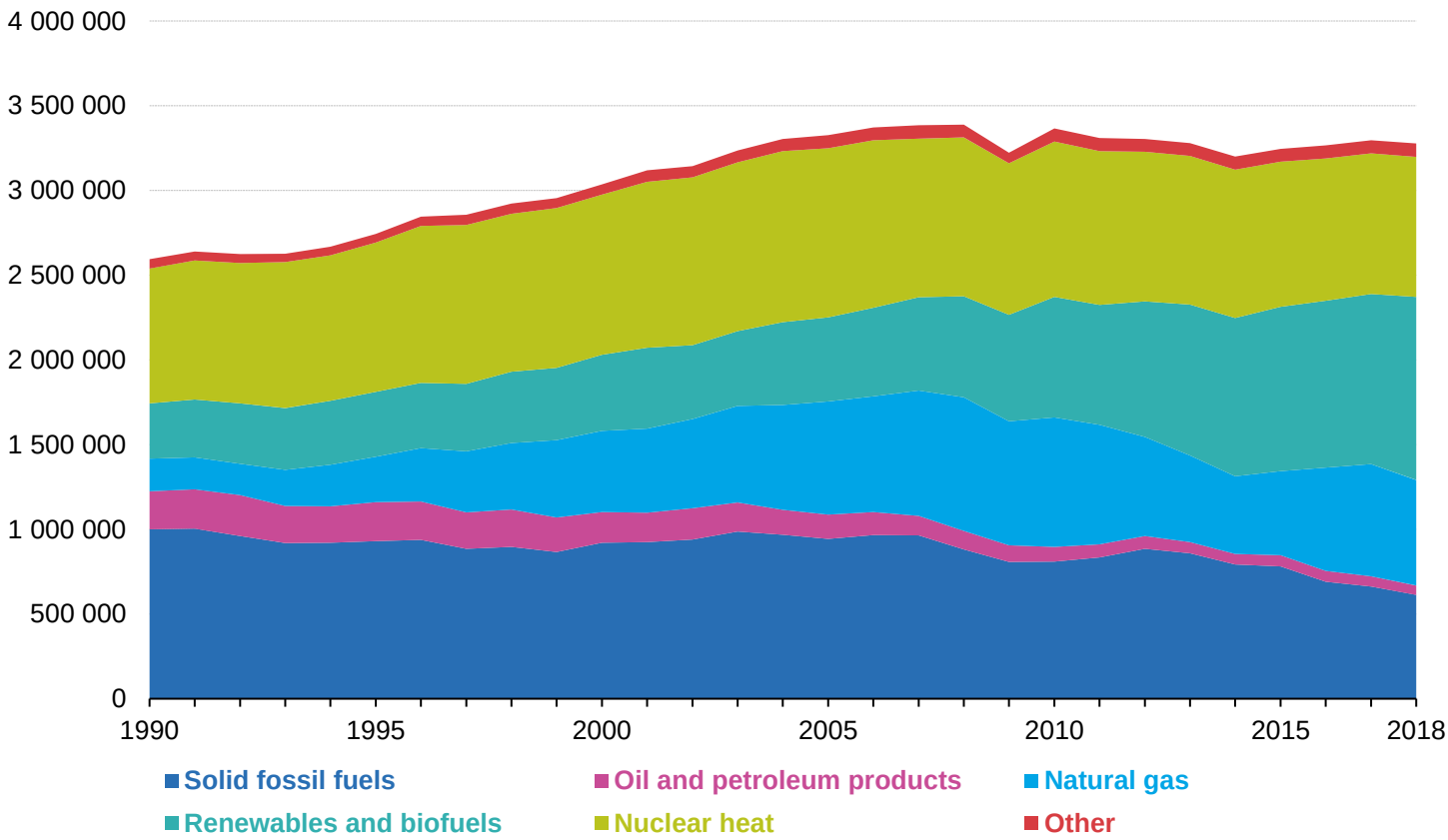
European Union (28 countries)

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

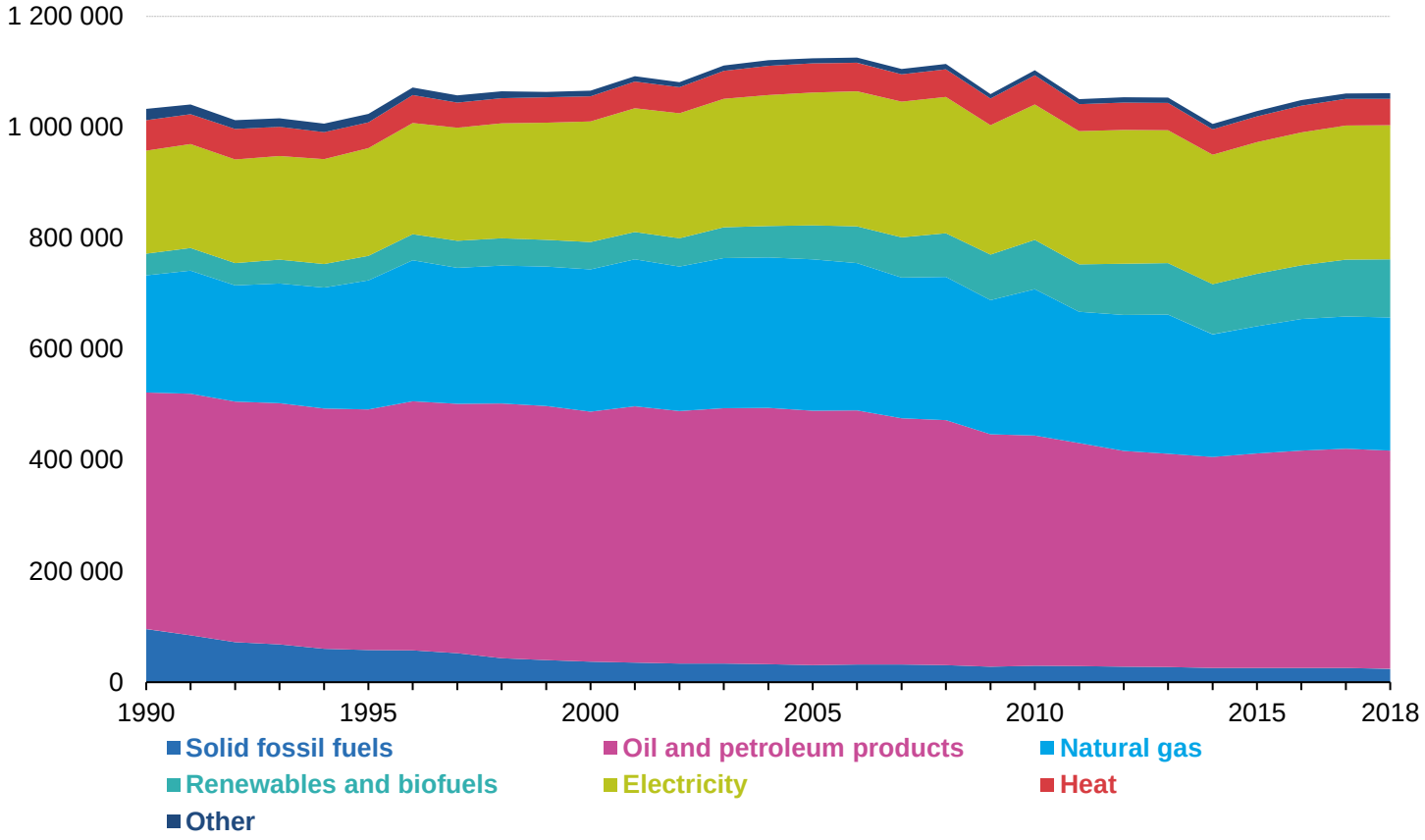


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

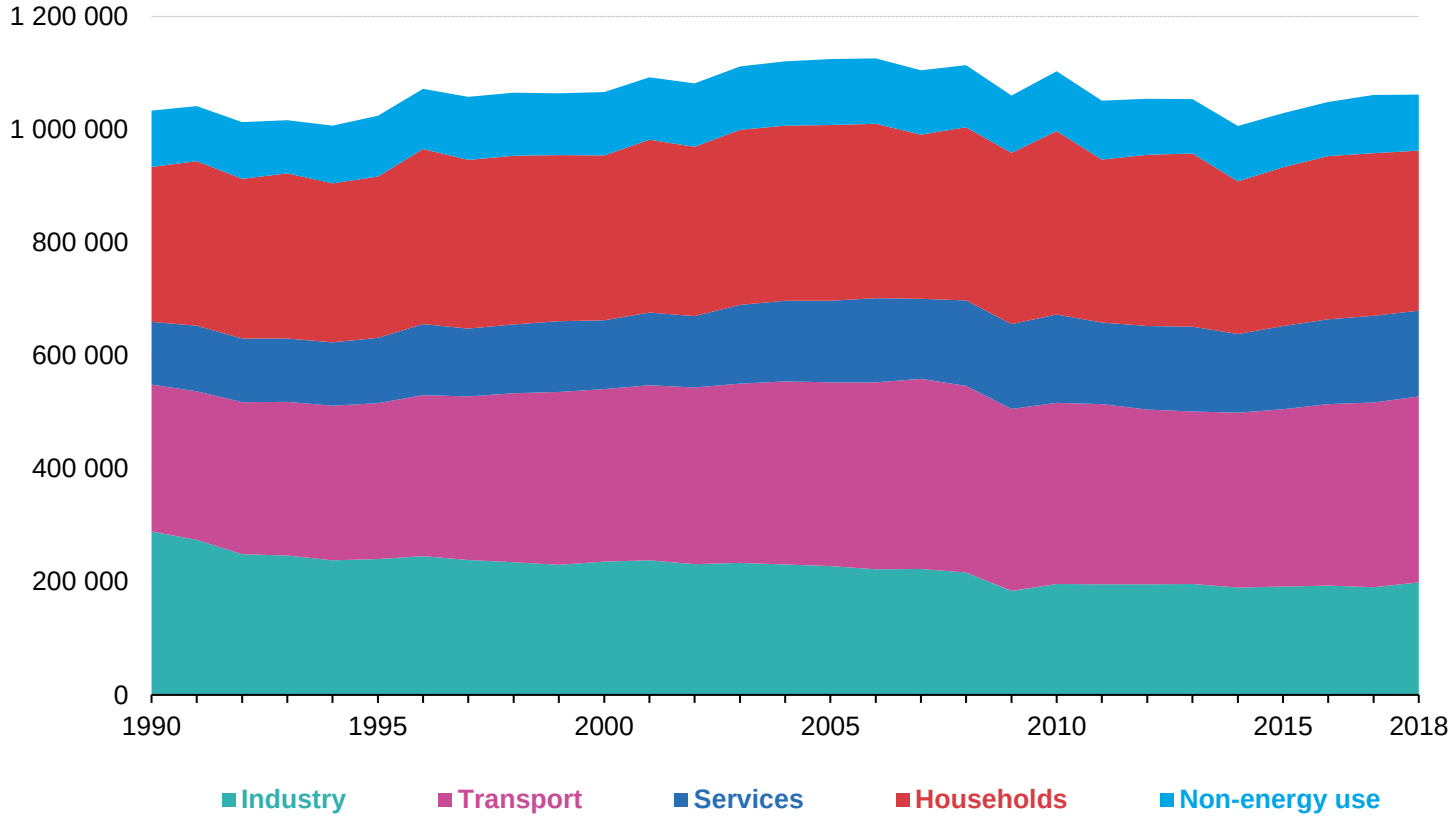
European Union (28 countries)

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

European Union (28 countries)

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	3 279 100	3 199 455	3 245 306	3 266 304	3 296 947	3 276 779	3 238 012 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	11 102	12 531	12 238	4 878	4 103	4 013	2 333 P
Coking coal	5 338	9 440	1 073	8 638	11 164	8 805	6 517 P
Other bituminous coal	512 609	448 166	446 545	371 618	338 677	303 470	204 232 P
Sub-bituminous coal	4 076	4 613	4 722	2 634	3 170	2 394	1 253 P
Lignite	323 123	315 467	313 662	299 424	301 921	291 618	239 469 P
Coke oven coke	2	2	1	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	2 924	2 766	2 616	2 631	2 329	2 132	1 802 P
Coal tar	1	8	14	17	8	11	15 P
Peat	5 850	6 163	5 834	5 487	5 243	5 926	5 128 P
Peat products	4	5	6	1	0	0	0 P
Oil shale and oil sands	11 406	10 302	7 992	9 623	9 912	9 380	4 295 P
Sub-total	876 435	809 463	794 703	704 951	676 528	627 748	465 045 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	511 040	457 896	497 669	610 997	663 517	622 935	709 703 P
Coke oven gas	6 636	6 066	7 016	6 963	7 035	7 594	8 219 P
Gas works gas	2 158	2 511	2 552	2 527	2 529	1 793	1 779 P
Blast furnace gas	22 327	22 604	21 619	21 232	21 499	20 969	21 563 P
Other recovered gases	1 826	1 894	2 243	1 950	2 183	2 163	2 042 P
Sub-total	543 987	490 971	531 098	643 669	696 763	655 453	743 306 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	7 020	7 386	7 442	8 097	7 473	7 497	7 026 P
Liquefied petroleum gases	398	389	414	552	452	237	282 P
Naphtha	66	16	0	0	0	0	0 P
Kerosene-type jet fuel	0	1	0	0	0	1	0 P
Other kerosene	22	14	10	7	13	13	14 P
Gas oil and diesel oil	11 609	10 883	10 368	10 194	10 871	10 250	9 164 P
Fuel oil	30 335	29 493	31 787	30 764	29 085	26 115	21 524 P
Petroleum coke	1 846	1 642	4 258	3 598	2 280	1 577	645 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	13 866	12 611	11 140	10 677	10 127	10 219	14 168 P
Sub-total	65 163	62 435	65 420	63 888	60 300	55 909	52 822 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	404 258	407 381	372 277	381 064	331 238	378 640	353 217 P
Geothermal	6 026	6 303	6 614	6 734	6 715	6 658	6 683 P
Wind	237 872	254 318	303 480	303 988	361 939	377 423	430 403 P
Solar thermal	4 770	5 455	5 593	5 579	5 883	4 867	5 683 P
Solar photovoltaic	81 345	92 768	102 797	105 863	113 521	122 972	131 691 P
Tide, wave, ocean	419	483	489	501	526	489	493 P
Solid biofuels	80 314	84 555	91 502	91 941	94 781	99 489	101 974 P
Liquid biofuels	4 295	4 819	5 496	5 293	4 990	4 919	4 977 P
Biogases	53 838	57 784	60 256	61 408	61 704	61 026	63 329 P
Renewable municipal waste	18 604	19 709	20 596	21 144	22 195	22 944	23 625 P
Sub-total	891 741	933 574	969 101	983 515	1 003 492	1 079 427	1 122 074 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	2 895	3 118	3 573	4 957	3 354	4 094	4 682 P
Non-renewable municipal waste	17 329	18 658	19 503	20 723	21 840	22 567	23 209 P
Sub-total	20 224	21 776	23 076	25 681	25 194	26 662	27 891 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	876 830	876 298	857 020	839 685	829 719	827 007	822 311 P
Heat from chemical sources	1 054	1 112	1 111	1 160	1 172	1 099	1 055 P
Other fuels not elsewhere specified	3 666	3 826	3 776	3 755	3 777	3 473	3 507 P
Sub-total	881 550	881 236	861 907	844 600	834 669	831 580	826 873 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	9 047	8 263	7 529	5 184	4 920	4 938	3 175 P
Coking coal	60 916	61 404	57 286	57 361	58 503	56 461	50 889 P
Other bituminous coal	250 320	224 040	220 717	196 464	183 076	171 817	130 245 P
Sub-bituminous coal	3 713	4 065	4 124	2 838	3 128	2 590	1 985 P
Lignite	413 182	403 011	399 260	373 142	382 358	369 402	305 800 P
Coke oven coke	41 047	41 057	39 552	37 200	37 322	36 890	34 093 P
Patent fuel	533	407	431	430	408	412	299 P
Brown coal briquettes	8 160	7 743	7 041	7 204	7 141	6 719	5 981 P
Coal tar	1 271	1 316	1 104	1 104	1 037	1 031	1 043 P
Peat	10 708	10 494	9 901	9 885	9 538	10 156	8 901 P
Peat products	299	269	231	223	205	237	188 P
Oil shale and oil sands	20 486	20 628	17 899	19 894	21 897	21 374	14 992 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	18 013 440	15 981 260	16 658 056	17 801 656	18 535 080	18 280 732	18 974 413 P
Coke oven gas	333 272	335 177	333 575	316 966	311 416	318 041	272 037 P
Gas works gas	24 216	24 890	23 299	22 519	22 105	21 878	19 894 P
Blast furnace gas	497 388	507 667	495 268	471 818	485 393	477 572	487 553 P
Other recovered gases	51 362	58 925	64 226	63 369	63 351	61 867	48 529 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	569 730	562 711	593 235	585 043	603 018	591 463	582 441 P
Refinery intake	611 613	610 606	637 552	635 984	648 189	637 755	625 746 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	318 505	317 191	338 096	352 412	353 176	352 946	348 490 P
Export	316 710	314 505	348 071	359 302	364 348	353 623	332 465 P
Total refinery output	604 769	603 482	631 840	629 988	641 542	631 370	620 487 P
Gas oil and diesel oil	246 050	246 466	256 389	250 263	252 383	246 926	248 280 P
Motor gasoline	114 806	114 296	118 941	119 098	119 196	118 896	115 324 P
Fuel oil	70 441	68 912	72 051	76 176	77 164	74 736	64 266 P
Naphtha	34 913	35 601	38 665	39 641	45 146	44 116	42 767 P
Kerosene-type jet fuel	32 084	32 177	33 394	33 202	35 293	38 435	38 352 P
All other oil products	106 475	106 030	112 400	111 607	112 360	108 261	111 499 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	4 066 611	3 877 935	4 034 300	4 092 195	4 168 665	4 163 529	4 264 321 P
Charcoal [kt]	511	503	514	488	507	546	474 P
Biogases [TJ]	583 303	622 161	653 057	682 669	697 678	697 943	706 170 P
Pure biogasoline [kt]	4 253	4 214	4 355	4 243	4 438	4 706	4 919 P
Pure biodiesels [kt]	11 730	12 865	12 504	12 236	13 568	15 473	16 169 P
Other liquid biofuels [kt]	1 218	1 309	1 416	1 439	1 350	1 384	1 375 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	373 611	390 667	404 292	421 542	434 265	436 262	448 021 P
Non-renewable municipal waste	363 274	381 643	390 177	424 040	436 350	435 643	449 817 P
Industrial waste (non-renewable)	156 866	169 218	176 321	197 823	179 111	192 938	197 598 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	250 795	260 886	274 240	282 604	285 491	285 919	286 809 P
Solar thermal	159 203	175 753	182 915	185 399	193 490	183 339	197 539 P
Ambinet heat (heat pumps)	201 757	239 674	301 705	333 934	496 029	524 718	502 789 P

Source: Eurostat (nrg_cb_rw)

Euro Area (19 countries) ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	443 278.8	44 285.2	Z	2 704.9	4 797.0	12 024.9	40 742.6	166 817.9	10 471.1	160 510.6	924.4	Z
+ Recovered & recycled products	1 045.1	31.6	Z	0.0	0.0	1 013.5	Z	0.0	Z	Z	Z	Z
+ Imports	1 152 865.7	82 742.9	0.0	34.0	0.0	740 077.7	292 804.8	12 675.6	285.7	Z	1.8	24 243.1
- Exports	386 063.9	2 457.6	0.0	8.6	0.0	296 954.6	53 135.7	10 918.8	36.9	Z	0.0	22 551.6
+ Change in stock	1 254.9	3 784.4	0.0	-575.9	-132.0	3 739.0	-5 527.6	-29.1	-3.9	Z	Z	Z
= Gross available energy	**1 212 380.5**	**128 386.5**	**0.0**	**2 154.5**	**4 665.0**	**459 900.6**	**274 884.2**	**168 545.5**	**10 716.0**	**160 510.6**	**926.2**	**1 691.5**
- International maritime bunkers	40 469.8	0.0	0.0	0.0	0.0	40 431.7	21.5	16.7	Z	Z	Z	Z
= Gross inland consumption	**1 171 910.7**	**128 386.5**	**0.0**	**2 154.5**	**4 665.0**	**419 468.9**	**274 862.7**	**168 528.8**	**10 716.0**	**160 510.6**	**926.2**	**1 691.5**
- International aviation	36 669.0	Z	Z	Z	Z	36 669.0	Z	0.0	Z	Z	Z	Z
= Total energy supply	**1 135 241.7**	**128 386.5**	**0.0**	**2 154.5**	**4 665.0**	**382 800.0**	**274 862.7**	**168 528.8**	**10 716.0**	**160 510.6**	**926.2**	**1 691.5**
Transformation input	**1 108 855.7**	**135 801.6**	**5 897.6**	**1 881.0**	**4 626.9**	**596 714.3**	**83 137.0**	**108 235.3**	**7 732.4**	**160 510.6**	**1 438.0**	**2 880.8**
+ Electricity & heat generation	459 974.0	85 393.9	5 897.6	1 783.8	2 367.6	13 457.6	82 479.3	96 032.3	7 732.4	160 510.6	1 438.0	2 880.8
+ Coke ovens	21 742.6	21 254.3	0.0	0.0	194.0	294.3	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	25 429.8	25 386.2	0.0	0.0	0.0	43.5	0.0	0.0	Z	Z	Z	Z
+ Gas works	428.8	0.0	0.0	0.0	428.5	0.3	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	582 797.6	Z	Z	Z	Z	582 797.6	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	3 708.3	3 611.1	0.0	97.2	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	1 636.8	0.0	0.0	0.0	1 636.8	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	300.7	Z	0.0	Z	Z	120.7	Z	180.0	Z	Z	Z	Z
+ Liquid biofuels blended	11 805.0	Z	Z	Z	Z	Z	Z	11 805.0	Z	Z	Z	Z
+ Charcoal production plants	218.0	Z	Z	Z	Z	Z	Z	218.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	814.1	156.1	0.0	0.0	0.0	0.3	657.7	0.0	0.0	Z	Z	Z
Transformation output	**862 299.6**	**19 266.2**	**14 227.2**	**66.2**	**Z**	**581 113.9**	**210.5**	**11 872.6**	**Z**	**Z**	**34 610.9**	**200 932.1**
+ Electricity & heat generation	235 543.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	34 610.9	200 932.1
+ Coke ovens	19 973.1	15 908.6	4 064.5	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	9 998.5	0.0	9 998.5	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	164.3	0.0	164.3	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	579 220.4	Z	Z	Z	Z	579 220.4	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	3 423.8	3 357.6	Z	66.2	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	210.5	Z	Z	Z	Z	Z	210.5	Z	Z	Z	Z	Z
+ Liquid biofuels blended	11 797.2	Z	Z	Z	Z	Z	Z	11 797.2	Z	Z	Z	Z
+ Charcoal production plants	75.5	Z	Z	Z	Z	Z	Z	75.5	Z	Z	Z	Z
+ Gas-to-liquids plants	574.6	Z	Z	Z	Z	574.6	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	1 318.8	0.0	0.0	0.0	Z	1 318.8	Z	Z	Z	Z	Z	Z
Energy sector	**52 333.0**	**294.9**	**3 728.2**	**15.3**	**0.0**	**21 470.3**	**10 315.1**	**547.9**	**32.0**	**Z**	**2 518.2**	**13 411.1**
+ Own use in electricity & heat genera	8 922.9	0.0	0.9	0.0	0.0	8.4	29.1	3.9	0.0	Z	118.3	8 762.3
+ Coal mines	222.8	0.3	0.0	0.0	0.0	32.4	15.8	0.0	0.0	Z	4.9	169.4
+ Oil & natural gas extraction plants	2 400.1	Z	Z	Z	Z	2.1	1 945.5	0.0	Z	Z	21.8	430.8
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	1 963.4	111.8	1 598.2	0.0	0.0	0.2	127.3	10.0	3.9	Z	62.8	49.2
+ BKB & PB plants	871.5	181.5	0.0	15.3	0.0	Z	Z	3.3	0.0	Z	241.8	429.6
+ Gas works	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	5.2
+ Blast furnaces	1 739.7	1.4	1 535.9	0.0	0.0	0.5	56.3	0.0	14.3	Z	14.4	116.9
+ Petroleum refineries (oil refineries)	33 061.4	0.0	22.0	0.0	0.0	21 417.4	7 825.0	58.9	13.9	Z	1 385.4	2 338.9
+ Nuclear industry	93.6	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	93.6
+ Coal liquefaction plants	203.1	0.0	178.0	0.0	0.0	Z	Z	Z	Z	Z	9.1	16.0
+ Liquefaction & regasification plants (	94.1	Z	Z	Z	Z	Z	93.8	Z	Z	Z	0.3	0.0
+ Gasification plants for biogas	471.3	Z	Z	Z	Z	Z	Z	471.3	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	2 284.0	0.0	393.2	0.0	0.0	9.3	222.4	0.4	0.0	Z	659.6	999.1
Distribution losses	**16 722.3**	**0.3**	**414.8**	**0.0**	**0.0**	**10.0**	**1 099.5**	**83.7**	**0.2**	**Z**	**2 945.1**	**12 168.6**
Available for final consumption	**819 630.4**	**11 555.9**	**4 186.6**	**324.4**	**38.1**	**345 719.2**	**180 521.6**	**71 534.5**	**2 951.4**	**0.0**	**28 635.8**	**174 163.1**
Final non-energy consumption	**75 906.1**	**1 125.9**	**0.0**	**0.0**	**67.4**	**63 650.0**	**11 062.8**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**741 929.8**	**8 401.3**	**4 199.6**	**444.2**	**22.0**	**281 241.3**	**170 525.4**	**71 528.7**	**2 951.4**	**Z**	**28 619.0**	**173 997.1**
+ Industry	190 771.7	7 168.8	4 199.6	165.3	22.0	20 298.3	63 213.8	14 960.4	2 795.5	Z	12 298.3	65 649.7
+ Iron & steel	21 022.5	1 730.5	4 083.2	0.0	0.0	335.8	6 575.6	9.5	1.6	Z	218.4	8 068.0
+ Chemical & petrochemical	40 814.7	913.2	52.3	0.0	0.0	6 626.8	14 964.7	261.2	386.6	Z	5 339.2	12 270.7
+ Non-ferrous metals	8 232.9	247.5	0.0	0.0	0.0	322.1	3 016.5	2.7	10.1	Z	102.3	4 531.7
+ Non-metallic minerals	25 906.4	2 720.6	24.0	1.1	22.0	4 590.6	10 432.7	1 455.8	2 135.5	Z	283.2	4 240.8
+ Transport equipment	5 913.9	133.8	32.4	0.0	0.0	161.3	1 808.1	13.3	0.1	Z	460.8	3 304.1
+ Machinery	14 307.3	37.7	7.3	0.1	0.0	877.1	4 970.1	86.8	11.0	Z	415.2	7 902.0
+ Mining & quarrying	2 426.4	67.3	0.0	0.0	0.0	643.6	613.7	27.0	0.0	Z	56.9	1 017.9
+ Food, beverages & tobacco	22 140.1	737.6	0.0	0.7	0.0	1 303.1	10 437.7	869.4	20.7	Z	1 055.6	7 715.3
+ Paper, pulp & printing	23 343.7	497.7	0.0	157.5	0.0	455.3	5 597.2	8 025.4	178.6	Z	1 909.6	6 522.4
+ Wood & wood products	6 115.9	0.0	0.0	5.7	0.0	122.7	456.3	3 420.2	26.2	Z	459.5	1 625.3
+ Construction	7 307.1	6.7	0.0	0.0	0.0	4 108.4	1 253.2	152.2	3.8	Z	11.0	1 771.7
+ Textile & leather	3 135.9	16.8	0.0	0.0	0.0	150.7	1 515.4	18.9	1.9	Z	122.5	1 309.8
+ Not elsewhere specified (industry)	9 883.7	59.6	0.4	0.3	0.0	600.8	1 572.4	396.8	19.2	Z	1 864.1	5 370.2
+ Transport	229 507.7	0.3	0.0	0.0	0.0	210 798.7	2 676.0	11 917.1	0.0	Z	Z	4 115.6
+ Rail	4 115.8	0.3	0.0	0.0	0.0	817.5	Z	21.0	0.0	Z	Z	3 277.1
+ Road	213 262.0	Z	Z	Z	Z	199 866.1	1 385.6	11 883.6	0.0	Z	Z	126.7
+ Domestic aviation	6 006.2	Z	Z	Z	Z	6 006.2	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	3 828.5	0.0	0.0	0.0	0.0	3 821.5	Z	6.9	0.0	Z	Z	Z
+ Pipeline transport	1 426.7	Z	Z	Z	Z	0.0	1 282.4	0.0	Z	Z	Z	144.3
+ Not elsewhere specified (transport	868.5	0.0	0.0	0.0	0.0	287.5	8.0	5.6	0.0	Z	Z	567.5
+ Other	321 650.5	1 232.2	0.0	278.8	0.0	50 144.3	104 635.6	44 651.2	155.9	Z	16 320.6	104 231.7
+ Commercial & public services	110 248.9	179.1	0.0	11.2	0.0	9 968.5	34 925.0	7 792.9	155.9	Z	5 515.2	51 701.0
+ Households	188 652.5	890.0	0.0	217.9	0.0	26 727.4	66 733.4	34 910.9	0.0	Z	10 589.2	48 583.7
+ Agriculture & forestry	19 901.7	16.8	0.0	49.7	0.0	11 163.6	2 943.4	1 865.6	0.0	Z	159.9	3 702.8
+ Fishing	1 157.8	0.0	0.0	0.0	0.0	1 052.3	1.0	49.2	0.0	Z	0.0	55.3
+ Not elsewhere specified (other)	1 689.5	146.3	0.0	0.0	0.0	1 232.5	32.8	32.6	0.0	Z	56.4	189.0
Statistical differences	**1 794.4**	**2 028.7**	**-13.0**	**-119.8**	**-51.4**	**828.0**	**-1 066.6**	**5.8**	**0.0**	**0.0**	**16.8**	**166.0**
Gross electricity production	200 574.3	32 374.4	2 226.2	483.5	806.5	4 407.6	38 744.2	66 595.8	1 605.2	53 330.8	Z	Z
Gross heat production	33 275.4	4 541.1	185.1	691.3	54.2	1 627.1	14 930.8	9 111.5	2 084.6	45.8	Z	3.8

Source: Eurostat (nrg_bal_c)

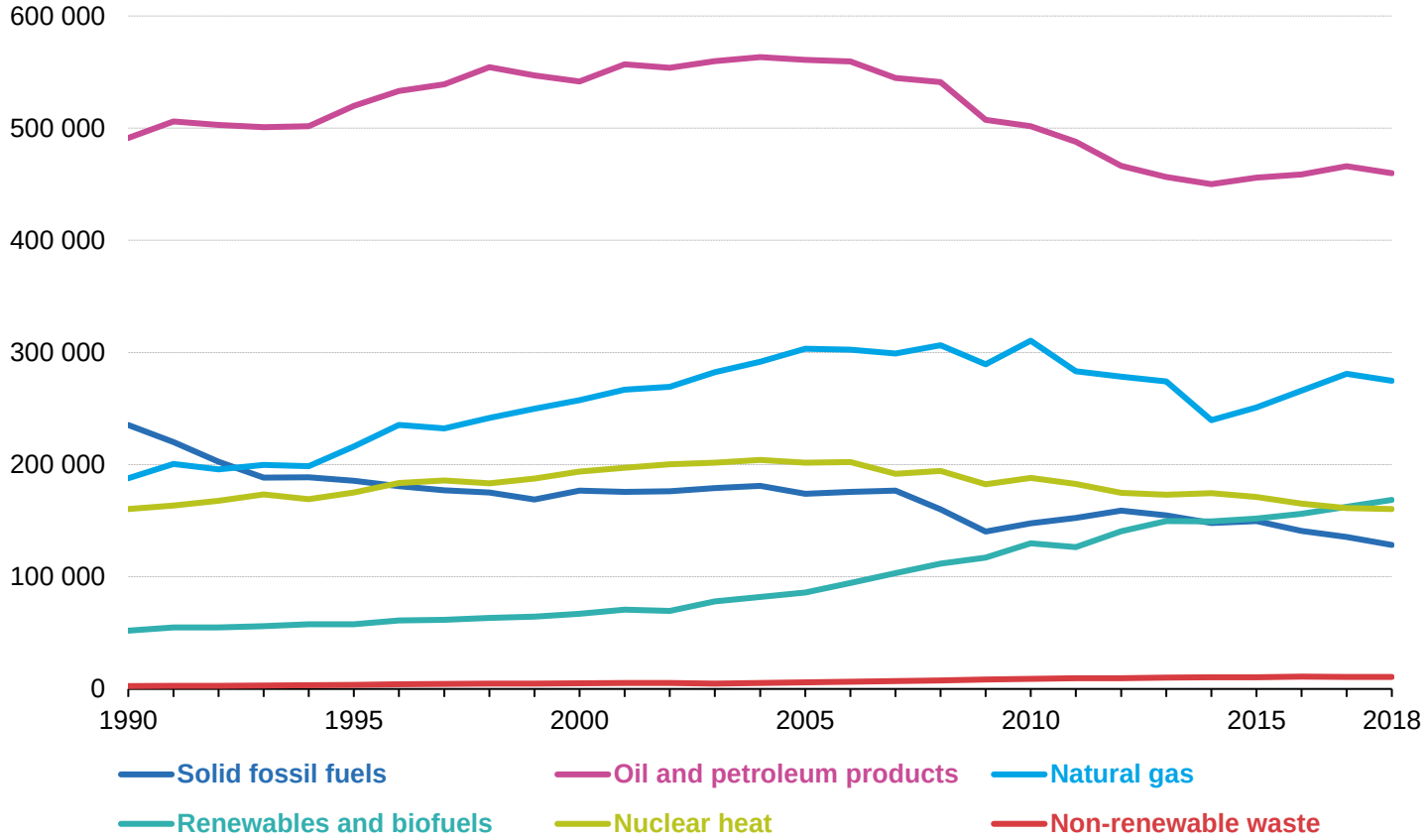
Euro Area (19 countries)	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	1 296 049	1 252 242	1 238 695	1 226 679	1 180 842	1 198 759	1 205 968	1 225 122	1 212 381
Solid fossil fuels	147 791	152 599	159 126	154 728	148 012	149 774	140 806	135 611	128 386
Peat & peat products	2 988	2 816	2 755	1 823	2 169	2 200	2 179	2 027	2 154
Oil shale & oil sands	3 843	3 984	3 653	4 355	4 158	3 771	4 201	4 202	4 665
Crude oil & other hydrocarbons	473 453	461 604	459 548	445 447	443 040	468 179	467 461	475 692	462 863
Petroleum products	501 662	487 992	466 466	456 352	450 084	455 784	458 740	466 157	459 901
Natural gas	310 487	283 297	278 324	274 160	239 558	251 074	265 927	280 905	274 884
Nuclear heat	188 111	182 712	174 785	173 075	174 653	171 241	165 235	161 302	160 511
Renewable energies	129 886	126 460	140 486	149 645	149 293	152 044	156 268	162 342	168 545
Non-renewable wastes	8 918	9 491	9 629	10 014	10 332	10 466	11 000	10 804	10 716
Primary production	487 344	473 202	477 029	486 064	473 474	456 044	446 352	445 160	443 279
Solid fossil fuels	58 391	58 711	59 813	55 251	53 597	51 334	45 827	46 517	44 285
Peat	2 918	2 553	1 372	3 119	2 680	1 658	1 431	1 490	2 705
Oil shale and oil sands	3 855	3 982	3 996	4 360	4 253	4 216	3 629	4 147	4 797
Crude oil & other hydrocarbons	13 442	13 313	13 372	13 620	13 912	13 649	11 366	11 461	12 025
Natural gas	85 139	79 805	77 730	79 265	65 980	52 631	52 981	47 757	40 743
Nuclear heat	188 111	182 712	174 785	173 075	174 653	171 241	165 235	161 302	160 511
Renewable energies	126 096	122 238	135 896	146 839	147 525	150 376	154 345	160 980	166 818
Non-renewable wastes	8 899	9 391	9 491	9 807	10 106	10 224	10 736	10 518	10 471
Net imports	800 848	781 326	755 499	734 157	709 732	743 985	746 100	772 144	766 802
Solid fossil fuels	89 545	93 341	96 442	94 745	93 694	94 936	91 312	88 869	80 285
Crude oil	441 764	424 714	430 210	409 749	405 661	436 170	435 487	445 339	433 733
Gas/Diesel Oil (w/o bio)	23 126	20 895	11 618	17 714	13 693	14 907	13 103	9 941	14 262
Motor Gasoline (w/o bio)	-36 317	-31 679	-37 978	-36 006	-36 778	-42 133	-42 219	-43 115	-46 030
Naphtha	14 659	10 040	13 497	11 734	13 691	12 544	11 956	15 256	16 116
LPG	6 838	6 913	6 493	8 836	10 861	10 799	10 329	9 676	11 308
All other oil & petroleum products	486 304	469 846	451 281	442 186	433 464	448 980	443 394	447 688	443 123
Natural gas	219 504	211 209	200 082	192 378	178 662	196 559	208 477	233 259	239 669
Transformation input	1 151 768	1 126 550	1 123 212	1 090 429	1 083 004	1 112 098	1 110 424	1 128 561	1 108 856
Electricity & heat generation	506 254	493 956	492 615	482 610	470 583	474 010	470 995	471 851	459 974
Refinery intake	499 252	487 991	484 249	465 099	464 080	487 553	488 238	497 572	487 145
Coke ovens	24 315	24 525	23 757	22 211	21 738	21 432	22 014	21 811	21 743
Blast furnaces	26 625	26 235	25 718	25 574	25 915	25 242	25 309	25 993	25 430
Transformation output	866 018	846 505	845 559	823 549	820 996	849 121	854 172	871 511	862 300
Electricity & heat generation	242 828	236 567	236 654	236 538	228 888	232 212	235 973	237 781	235 543
Refinery output	495 761	484 560	481 028	461 941	461 794	484 276	485 173	493 227	483 879
Coke ovens	21 874	21 930	21 528	20 290	19 804	19 710	20 047	19 860	19 973
Blast furnaces	10 169	10 020	9 796	9 829	10 139	10 009	9 846	10 201	9 998
Energy sector	56 071	55 312	53 386	51 742	50 081	52 077	51 913	52 207	52 333
Distribution losses	17 164	16 306	16 574	17 015	16 312	16 811	16 958	16 620	16 722
Available for final consumption	864 227	826 958	820 585	822 967	785 531	799 102	809 861	825 784	819 630
Solid fossil fuels	13 293	14 452	11 128	10 924	9 932	10 487	11 450	10 157	11 556
Manufactured gases	4 251	4 159	4 128	4 116	4 333	4 338	4 228	3 902	4 187
Peat & peat products	312	448	735	15	287	401	417	343	324
Oil shale & oil sands	72	-31	-105	293	58	45	448	64	38
Gas/Diesel Oil (w/o bio)	209 003	203 644	197 651	199 330	198 304	201 150	200 306	200 478	198 116
Motor Gasoline (w/o bio)	62 773	62 047	57 639	55 197	55 494	54 225	53 798	54 426	57 569
Naphtha	35 589	32 153	33 380	30 709	31 876	30 816	30 662	34 581	28 935
LPG	17 919	17 606	17 029	19 303	20 463	20 626	20 350	20 636	21 555
All other oil & petroleum products	379 044	367 539	351 508	348 397	345 379	347 520	347 984	353 044	345 719
Natural gas	195 038	176 975	182 594	189 584	164 842	170 583	175 849	181 459	180 522
Primary solid biofuels & charcoal	46 663	41 426	45 816	46 580	42 147	43 889	44 177	44 932	44 120
Liquid biofuels	10 671	10 721	11 505	9 969	10 711	10 560	10 336	11 135	12 298
All other renewable energies	62 976	58 235	64 134	64 148	61 606	63 916	64 729	70 431	71 534
Non-renewable wastes	1 929	2 333	2 335	2 647	2 668	2 684	2 886	2 698	2 951
Electricity	176 598	174 292	174 843	173 369	169 013	171 493	173 123	174 626	174 163
Heat	30 714	28 554	29 287	29 475	27 413	27 635	28 748	29 060	28 636
Statistical difference	-148	1 894	-2 470	792	-1 826	-798	-1 624	3 308	1 794
Final non-energy consumption	82 998	81 537	78 381	75 331	76 603	74 049	74 308	79 057	75 906
Final energy consumption	781 376	743 526	744 674	746 844	710 753	725 851	737 176	743 419	741 930
Industry	196 567	195 012	191 426	188 666	185 649	185 229	187 609	188 792	190 772
Transport	231 367	230 094	221 618	219 850	222 278	223 775	227 334	229 062	229 508
Other sectors	353 442	318 420	331 630	338 328	302 827	316 846	322 234	325 565	321 650
Services	114 558	104 787	108 259	110 245	101 714	107 504	108 208	112 372	110 249
Households	216 052	191 925	201 808	206 277	179 633	188 310	193 277	192 538	188 653

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	1 249 752	1 205 978	1 194 702	1 184 654	1 139 357	1 157 237	1 161 955	1 176 833	1 161 776
Primary energy consumption	1 166 754	1 124 441	1 116 321	1 109 323	1 062 754	1 083 188	1 087 647	1 097 776	1 085 870
Final energy consumption	826 627	789 543	789 577	791 451	754 583	769 876	782 044	787 045	786 431

Source: Eurostat (nrg_bal_c)

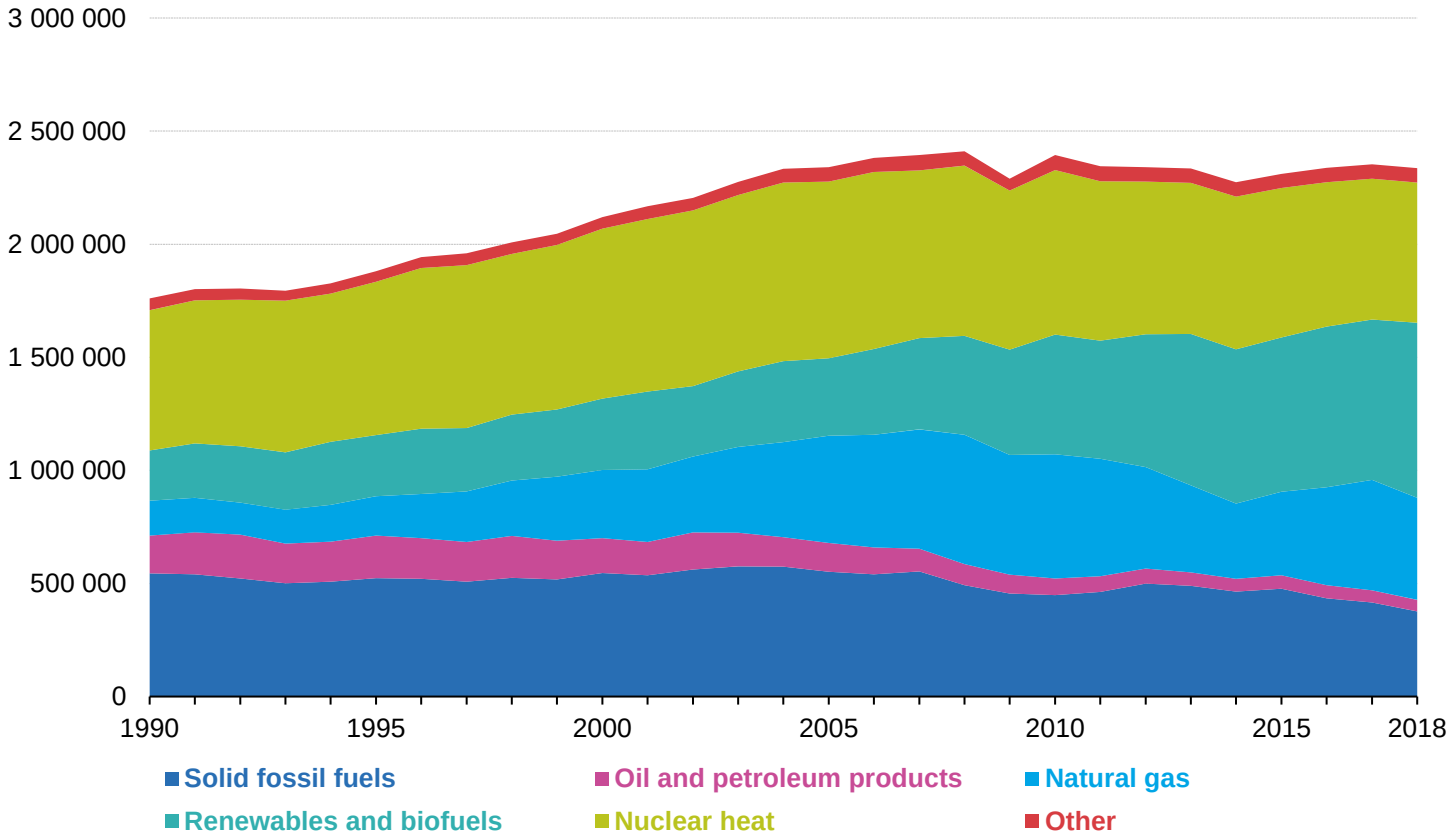
Euro Area (19 countries)

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

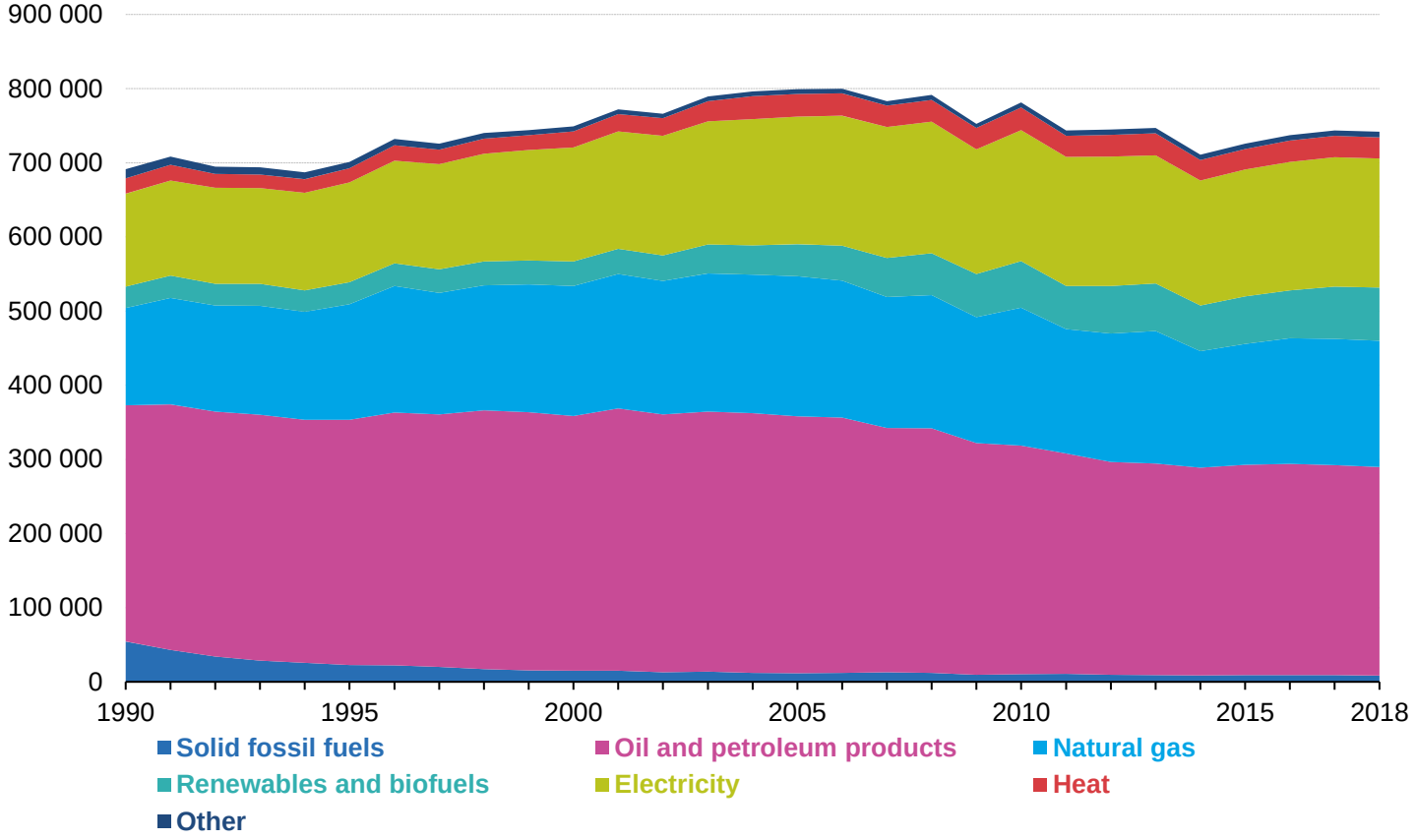


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

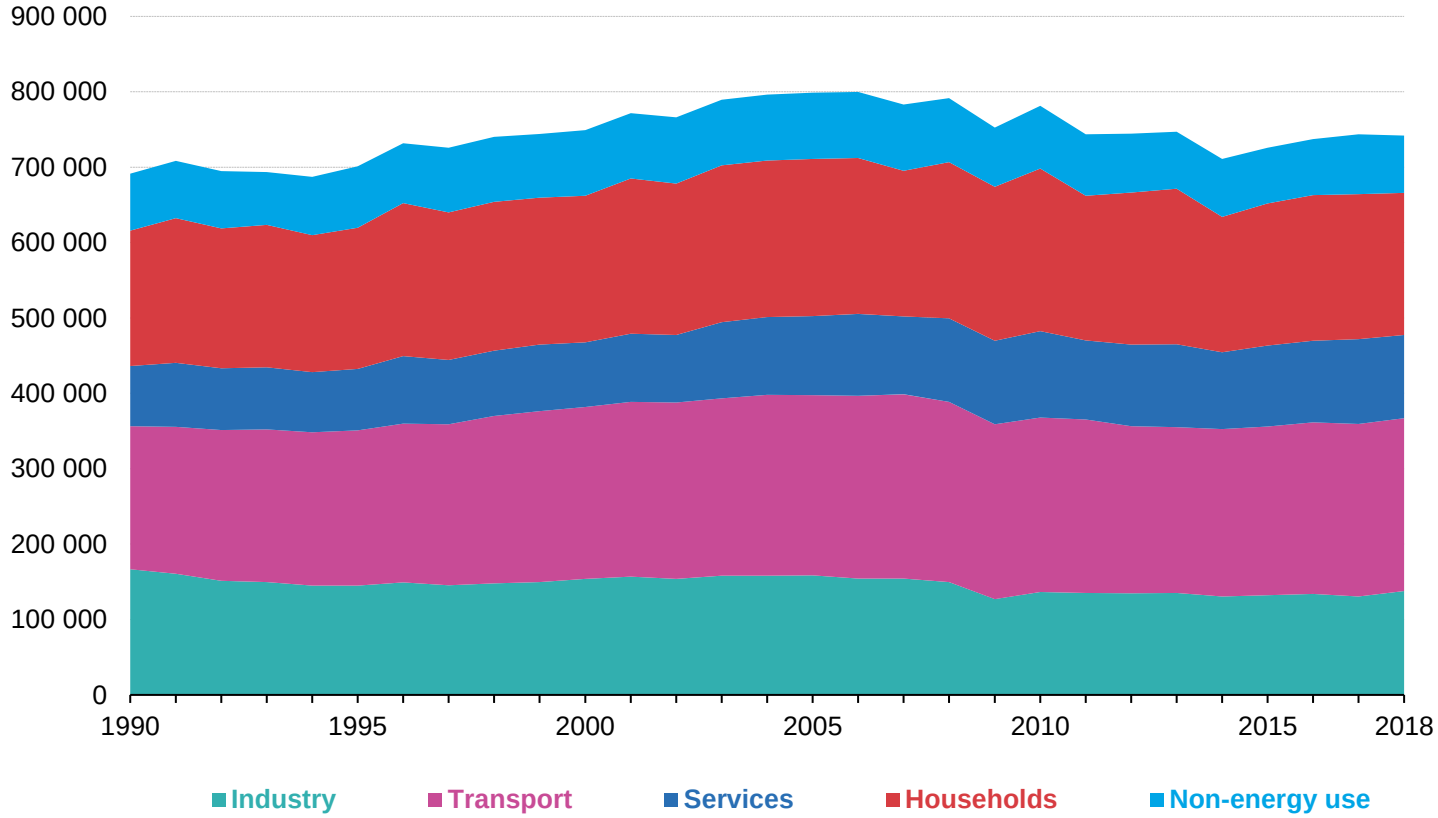
Euro Area (19 countries)

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Euro Area (19 countries)

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	2 334 390	2 274 183	2 310 043	2 336 930	2 353 258	2 336 838	2 315 678 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	10 333	11 262	12 153	4 877	4 103	4 013	2 333 P
Coking coal	5 184	9 261	878	8 521	10 985	8 782	6 283 P
Other bituminous coal	277 118	251 995	277 143	243 609	224 396	193 042	112 849 P
Sub-bituminous coal	3 638	4 282	4 444	2 489	2 982	2 147	1 253 P
Lignite	191 932	185 221	180 683	173 135	171 802	166 990	128 552 P
Coke oven coke	2	2	1	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	1 886	1 618	1 787	1 643	1 448	1 541	1 367 P
Coal tar	0	0	0	0	0	0	0 P
Peat	5 521	5 948	5 653	5 275	5 044	5 623	4 801 P
Peat products	4	5	6	1	0	0	0 P
Oil shale and oil sands	11 406	10 302	7 992	9 623	9 912	9 380	4 295 P
Sub-total	507 025	479 896	490 740	449 173	430 673	391 517	261 733 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	384 492	331 872	369 338	433 449	487 262	450 595	531 220 P
Coke oven gas	4 612	4 070	4 760	4 637	5 044	5 475	6 118 P
Gas works gas	284	511	555	531	754	160	290 P
Blast furnace gas	20 047	20 144	19 197	19 128	19 146	18 450	19 379 P
Other recovered gases	1 380	1 433	1 788	1 529	1 836	1 806	1 773 P
Sub-total	410 815	358 030	395 638	459 275	514 042	476 486	558 780 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	5 215	5 674	5 888	6 313	5 730	6 308	6 310 P
Liquefied petroleum gases	368	362	377	478	375	208	261 P
Naphtha	66	16	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	19	13	9	6	11	5	1 P
Gas oil and diesel oil	11 085	10 326	9 775	9 615	10 277	9 711	8 540 P
Fuel oil	27 349	26 978	28 601	27 466	26 253	23 656	19 177 P
Petroleum coke	1 529	1 469	4 009	3 175	1 877	1 158	251 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	13 747	12 461	10 987	10 674	10 124	10 216	14 166 P
Sub-total	59 379	57 299	59 647	57 728	54 647	51 261	48 706 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	299 465	295 161	252 334	274 310	227 130	271 793	249 164 P
Geothermal	6 026	6 303	6 614	6 734	6 714	6 644	6 573 P
Wind	174 896	180 973	211 315	215 775	253 544	267 007	304 213 P
Solar thermal	4 770	5 455	5 593	5 579	5 883	4 867	5 683 P
Solar photovoltaic	74 931	82 971	88 679	88 798	95 019	102 287	109 733 P
Tide, wave, ocean	414	481	487	501	522	480	480 P
Solid biofuels	46 462	45 269	46 824	47 865	49 170	50 131	50 416 P
Liquid biofuels	4 174	4 770	5 457	5 241	4 950	4 864	4 967 P
Biogases	43 387	46 508	49 153	50 092	50 399	49 992	51 389 P
Renewable municipal waste	14 161	15 072	15 051	15 507	15 732	16 443	16 078 P
Sub-total	668 685	682 963	681 507	710 401	709 063	774 507	798 695 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	2 302	2 424	2 461	2 693	2 398	2 519	2 614 P
Non-renewable municipal waste	13 837	14 775	14 816	15 382	15 573	16 150	15 847 P
Sub-total	16 139	17 199	17 278	18 075	17 971	18 669	18 462 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	667 862	674 156	660 629	637 637	622 195	620 237	625 173 P
Heat from chemical sources	935	955	980	1 051	1 066	976	921 P
Other fuels not elsewhere specified	3 551	3 684	3 625	3 589	3 602	3 186	3 207 P
Sub-total	672 348	678 795	665 234	642 278	626 863	624 398	629 301 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	8 148	7 214	7 134	4 548	4 263	4 181	2 545 P
Coking coal	35 378	36 064	32 129	35 516	36 176	35 222	30 030 P
Other bituminous coal	117 344	109 567	119 351	108 826	102 248	91 797	62 326 P
Sub-bituminous coal	2 758	3 233	3 263	2 045	2 484	1 976	1 223 P
Lignite	243 873	234 664	227 222	211 221	215 074	209 309	162 670 P
Coke oven coke	28 749	28 608	27 266	26 925	26 834	26 731	24 212 P
Patent fuel	218	148	194	181	155	159	93 P
Brown coal briquettes	6 278	6 057	5 837	5 672	5 764	5 641	5 125 P
Coal tar	591	624	461	514	503	519	509 P
Peat	9 902	9 901	9 411	9 359	9 030	9 453	8 230 P
Peat products	299	269	231	223	205	237	188 P
Oil shale and oil sands	20 486	20 628	17 899	19 894	21 897	21 374	14 959 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	12 758 544	11 149 899	11 684 931	12 376 734	13 075 193	12 795 408	13 483 138 P
Coke oven gas	189 488	189 374	190 689	189 687	182 185	189 079	148 109 P
Gas works gas	7 229	7 215	5 939	5 264	6 615	7 643	5 200 P
Blast furnace gas	373 564	379 073	368 855	361 850	374 764	367 812	381 090 P
Other recovered gases	37 964	45 431	50 222	50 374	52 332	50 804	39 684 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	438 022	432 491	460 638	457 928	466 828	453 266	448 060 P
Refinery intake	459 653	458 282	481 686	481 791	491 971	480 325	472 028 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	261 136	256 166	270 448	276 358	280 183	279 752	276 780 P
Export	252 905	250 680	278 279	286 908	295 172	286 639	271 878 P
Total refinery output	453 990	453 046	476 582	476 905	486 330	476 021	468 058 P
Gas oil and diesel oil	187 675	187 642	196 848	190 946	191 093	185 185	188 160 P
Motor gasoline	79 730	80 085	82 483	82 463	82 266	82 621	80 350 P
Fuel oil	52 158	52 293	54 827	60 210	62 220	58 892	50 856 P
Naphtha	29 041	29 445	32 183	33 424	38 416	37 149	35 910 P
Kerosene-type jet fuel	25 518	25 025	26 044	26 470	27 836	30 336	30 069 P
All other oil products	79 868	78 556	84 196	83 393	84 499	81 838	82 713 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	2 654 557	2 463 349	2 539 037	2 576 498	2 626 771	2 592 704	2 629 872 P
Charcoal [kt]	502	494	504	475	491	527	454 P
Biogases [TJ]	450 802	480 959	498 175	507 883	516 345	512 161	518 777 P
Pure biogasoline [kt]	2 771	2 748	2 808	2 748	2 919	3 136	3 292 P
Pure biodiesels [kt]	9 048	9 682	9 553	9 253	10 106	11 162	11 246 P
Other liquid biofuels [kt]	1 055	1 216	1 344	1 348	1 285	1 286	1 303 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	293 071	304 076	306 919	319 203	326 335	324 532	326 216 P
Non-renewable municipal waste	293 921	304 041	305 754	318 950	324 673	319 482	322 650 P
Industrial waste (non-renewable)	125 359	128 554	132 436	141 589	127 677	129 176	127 507 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	242 258	253 133	265 740	273 052	275 223	275 411	274 869 P
Solar thermal	152 518	168 120	174 340	175 919	183 332	172 471	186 017 P
Ambinet heat (heat pumps)	120 716	156 924	177 429	201 076	363 744	385 634	409 908 P

Source: Eurostat (nrg_cb_rw)

Belgium ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	11 803.5	0.0	Z	0.0	0.0	0.0	0.0	3 356.7	667.7	7 451.1	327.9	Z
+ Recovered & recycled products	58.4	31.6	Z	0.0	0.0	26.8	Z	0.0	Z	Z	Z	Z
+ Imports	87 543.2	3 279.4	0.0	0.0	0.0	65 126.6	16 132.9	1 143.5	0.4	Z	0.0	1 860.4
- Exports	34 608.5	50.6	0.0	0.0	0.0	32 762.6	1 133.2	291.6	0.0	Z	0.0	370.5
+ Change in stock	-485.0	-157.5	0.0	0.0	0.0	-244.5	-82.9	0.0	0.0	Z	Z	Z
= Gross available energy	**64 311.6**	**3 102.9**	**0.0**	**0.0**	**0.0**	**32 146.3**	**14 916.8**	**4 208.5**	**668.1**	**7 451.1**	**327.9**	**1 489.9**
- International maritime bunkers	9 282.6	0.0	0.0	0.0	0.0	9 273.8	8.8	0.0	Z	Z	Z	Z
= Gross inland consumption	**55 028.9**	**3 102.9**	**0.0**	**0.0**	**0.0**	**22 872.4**	**14 908.0**	**4 208.5**	**668.1**	**7 451.1**	**327.9**	**1 489.9**
- International aviation	1 685.9	Z	Z	Z	Z	1 685.9	Z	0.0	Z	Z	Z	Z
= Total energy supply	**53 343.0**	**3 102.9**	**0.0**	**0.0**	**0.0**	**21 186.6**	**14 908.0**	**4 208.5**	**668.1**	**7 451.1**	**327.9**	**1 489.9**
Transformation input	**60 087.0**	**3 205.3**	**459.1**	**0.0**	**0.0**	**41 273.8**	**3 784.3**	**2 722.3**	**501.5**	**7 451.1**	**573.6**	**115.9**
+ Electricity & heat generation	15 169.2	9.2	459.1	0.0	0.0	30.8	3 784.3	2 243.5	501.5	7 451.1	573.6	115.9
+ Coke ovens	1 105.7	1 105.7	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	2 090.4	2 090.4	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	41 242.9	Z	Z	Z	Z	41 242.9	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	478.7	Z	Z	Z	Z	Z	Z	478.7	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**50 602.6**	**884.5**	**866.8**	**0.0**	**Z**	**41 137.8**	**0.0**	**478.7**	**Z**	**Z**	**777.9**	**6 457.0**
+ Electricity & heat generation	7 234.9	Z	Z	Z	Z	Z	Z	Z	Z	Z	777.9	6 457.0
+ Coke ovens	1 099.9	884.5	215.4	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	651.4	0.0	651.4	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	41 041.7	Z	Z	Z	Z	41 041.7	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	478.7	Z	Z	Z	Z	Z	Z	478.7	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	96.0	0.0	0.0	0.0	Z	96.0	Z	Z	Z	Z	Z	Z
Energy sector	**2 571.7**	**0.0**	**250.6**	**0.0**	**0.0**	**1 157.2**	**637.6**	**0.3**	**0.0**	**Z**	**118.2**	**407.8**
+ Own use in electricity & heat genera	276.3	0.0	0.0	0.0	0.0	1.2	7.0	0.3	0.0	Z	0.0	267.7
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	91.2	0.0	91.0	0.0	0.0	0.2	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	159.9	0.0	159.6	0.0	0.0	0.3	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	2 035.7	0.0	0.0	0.0	0.0	1 155.5	630.6	0.0	0.0	Z	115.9	133.8
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.3	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.3	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	2.0	6.3
Distribution losses	**362.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**28.4**	**0.6**	**0.0**	**Z**	**6.8**	**326.6**
Available for final consumption	**40 924.6**	**782.1**	**157.1**	**0.0**	**0.0**	**19 893.4**	**10 457.6**	**1 964.1**	**166.6**	**0.0**	**407.2**	**7 096.6**
Final non-energy consumption	**7 800.9**	**254.1**	**0.0**	**0.0**	**0.0**	**6 503.9**	**1 042.9**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**33 111.0**	**518.6**	**173.1**	**0.0**	**0.0**	**13 266.1**	**9 503.3**	**1 963.0**	**166.6**	**Z**	**404.6**	**7 115.6**
+ Industry	10 669.3	440.6	173.1	0.0	0.0	1 477.4	4 033.8	727.0	136.1	Z	336.6	3 344.6
+ Iron & steel	1 090.7	12.4	173.1	0.0	0.0	11.9	517.0	0.0	1.6	Z	0.0	374.6
+ Chemical & petrochemical	4 176.5	8.5	0.0	0.0	0.0	1 246.5	1 392.2	9.7	2.4	Z	255.0	1 262.1
+ Non-ferrous metals	328.3	8.3	0.0	0.0	0.0	0.4	137.2	0.0	0.0	Z	0.0	182.4
+ Non-metallic minerals	1 376.3	348.5	0.0	0.0	0.0	42.3	516.6	137.6	117.5	Z	4.2	209.6
+ Transport equipment	122.1	0.0	0.0	0.0	0.0	4.4	48.7	0.0	0.0	Z	0.0	69.1
+ Machinery	291.2	0.0	0.0	0.0	0.0	15.1	115.8	2.3	0.0	Z	0.0	158.0
+ Mining & quarrying	52.3	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	Z	0.0	39.1
+ Food, beverages & tobacco	1 581.2	31.1	0.0	0.0	0.0	7.8	898.9	78.5	0.0	Z	45.5	519.4
+ Paper, pulp & printing	693.9	31.8	0.0	0.0	0.0	10.5	133.7	311.6	13.9	Z	31.5	160.8
+ Wood & wood products	233.9	0.0	0.0	0.0	0.0	0.0	18.3	180.6	0.0	Z	0.0	35.0
+ Construction	204.2	0.0	0.0	0.0	0.0	72.7	51.6	0.0	0.0	Z	0.0	79.9
+ Textile & leather	189.3	0.0	0.0	0.0	0.0	0.6	91.6	2.0	0.7	Z	0.3	94.1
+ Not elsewhere specified (industry)	326.1	0.0	0.0	0.0	0.0	65.3	99.0	1.4	0.0	Z	0.0	160.5
+ Transport	8 903.9	0.0	0.0	0.0	0.0	8 224.7	58.1	478.7	0.0	Z	Z	142.5
+ Rail	158.2	0.0	0.0	0.0	0.0	21.7	Z	0.0	0.0	Z	Z	136.5
+ Road	8 558.3	Z	Z	Z	Z	8 059.4	15.2	478.7	0.0	Z	Z	5.0
+ Domestic aviation	2.5	Z	Z	Z	Z	2.5	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	141.0	0.0	0.0	0.0	0.0	141.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	43.8	Z	Z	Z	Z	0.0	42.9	0.0	Z	Z	Z	0.9
+ Not elsewhere specified (transport	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	Z	Z	0.1
+ Other	13 537.7	77.9	0.0	0.0	0.0	3 564.0	5 411.4	757.3	30.4	Z	68.0	3 628.5
+ Commercial & public services	4 596.9	0.0	0.0	0.0	0.0	754.7	1 814.9	53.4	30.4	Z	47.8	1 895.8
+ Households	8 103.4	69.2	0.0	0.0	0.0	2 452.8	3 320.2	660.3	0.0	Z	15.3	1 585.6
+ Agriculture & forestry	791.7	8.8	0.0	0.0	0.0	311.0	276.3	43.6	0.0	Z	5.0	147.1
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	45.6	0.0	0.0	0.0	0.0	45.6	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**12.7**	**9.5**	**-16.1**	**0.0**	**0.0**	**123.4**	**-88.6**	**1.0**	**0.0**	**0.0**	**2.6**	**-19.1**
Gross electricity production	6 415.1	7.9	193.8	0.0	0.0	13.8	2 062.1	1 562.0	116.7	2 458.9	Z	Z
Gross heat production	532.2	0.0	0.0	0.0	0.0	7.3	443.8	45.9	35.2	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

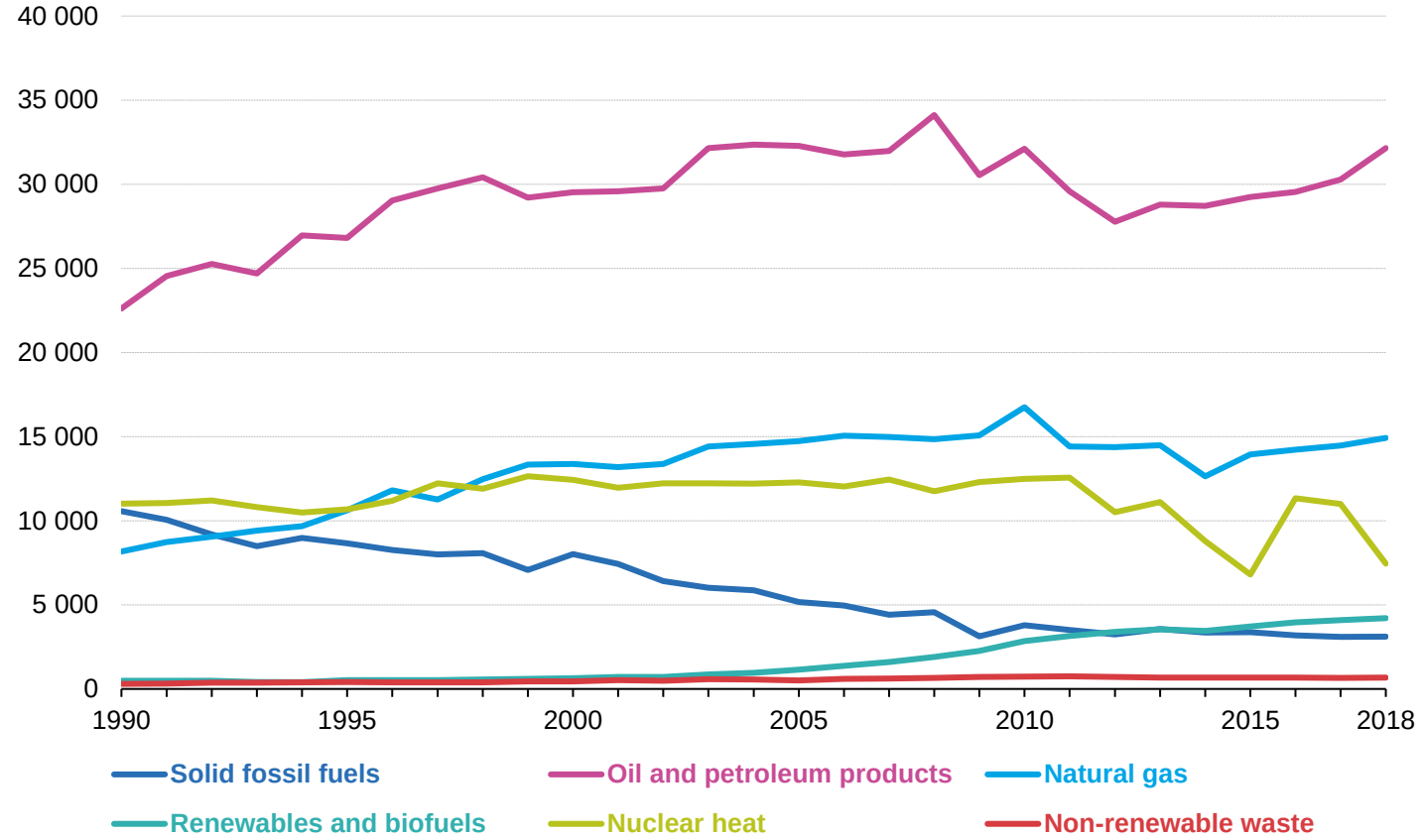
Belgium	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	68 879	64 267	60 990	63 316	59 436	59 866	63 827	64 476	64 312
Solid fossil fuels	3 787	3 505	3 236	3 567	3 360	3 378	3 186	3 095	3 103
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	31 206	28 860	30 319	28 062	32 701	32 073	31 284	33 306	32 262
Petroleum products	32 105	29 589	27 762	28 797	28 709	29 251	29 545	30 284	32 146
Natural gas	16 746	14 402	14 378	14 485	12 642	13 947	14 228	14 466	14 917
Nuclear heat	12 492	12 568	10 499	11 111	8 782	6 801	11 340	11 003	7 451
Renewable energies	2 853	3 142	3 394	3 538	3 448	3 718	3 959	4 099	4 209
Non-renewable wastes	738	750	712	684	675	669	678	650	668
Primary production	15 628	16 159	14 242	15 100	12 753	10 809	15 482	15 230	11 803
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	12 492	12 568	10 499	11 111	8 782	6 801	11 340	11 003	7 451
Renewable energies	2 288	2 748	2 876	3 000	2 990	3 044	3 109	3 216	3 357
Non-renewable wastes	738	750	712	684	675	667	674	649	668
Net imports	53 633	48 361	46 139	48 620	47 087	49 916	47 847	47 961	52 935
Solid fossil fuels	3 694	3 534	3 051	3 347	3 331	3 224	2 995	2 935	3 229
Crude oil	33 430	29 916	31 706	27 729	32 407	32 316	32 133	34 381	33 230
Gas/Diesel Oil (w/o bio)	811	372	-1 738	1 054	-2 021	-47	-549	-1 710	-1 762
Motor Gasoline (w/o bio)	-3 930	-2 970	-3 694	-3 408	-3 565	-4 078	-3 884	-3 990	-2 867
Naphtha	3 059	2 789	2 934	3 158	2 932	3 310	3 387	3 129	2 240
LPG	769	955	961	1 111	1 276	1 238	948	908	1 599
All other oil & petroleum products	32 529	29 747	27 544	29 350	28 993	30 358	29 159	29 391	32 364
Natural gas	16 791	14 474	14 179	14 560	12 791	13 852	14 307	14 233	15 000
Transformation input	68 593	65 757	64 776	62 617	63 053	61 023	63 370	65 492	60 087
Electricity & heat generation	21 380	20 405	18 489	18 683	15 845	14 581	18 808	18 552	15 169
Refinery intake	35 636	33 419	35 307	32 516	35 941	35 653	34 037	35 785	34 628
Coke ovens	1 815	1 803	1 728	1 588	1 365	1 134	1 112	1 093	1 106
Blast furnaces	1 758	1 759	1 573	1 790	1 822	1 843	2 108	2 133	2 090
Transformation output	54 615	52 041	53 090	50 687	52 703	51 945	51 260	53 518	50 603
Electricity & heat generation	9 099	8 668	8 014	8 101	7 109	6 856	8 255	8 260	7 235
Refinery output	35 252	32 860	34 979	32 299	35 508	35 466	33 912	35 556	34 386
Coke ovens	1 768	1 768	1 673	1 547	1 327	1 132	1 104	1 090	1 100
Blast furnaces	600	643	582	595	613	592	646	665	651
Energy sector	2 735	2 556	2 463	2 255	2 313	2 293	2 370	2 510	2 572
Distribution losses	474	460	452	370	357	362	372	367	362
Available for final consumption	42 720	39 323	38 999	41 332	39 705	40 866	40 872	40 551	40 925
Solid fossil fuels	709	583	531	769	750	822	769	734	782
Manufactured gases	240	239	207	191	174	152	151	151	157
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	12 222	10 669	10 274	10 775	10 236	10 985	10 433	10 448	10 009
Motor Gasoline (w/o bio)	1 241	1 279	1 161	1 146	1 320	1 405	1 483	1 444	1 704
Naphtha	4 321	3 846	4 130	4 653	4 973	4 478	4 608	4 128	4 009
LPG	1 320	1 579	1 592	1 745	2 046	1 983	1 688	1 733	2 499
All other oil & petroleum products	21 442	19 721	18 929	20 074	20 360	20 626	20 075	19 679	19 893
Natural gas	10 841	9 612	9 992	10 659	9 086	9 910	10 234	10 432	10 458
Primary solid biofuels & charcoal	1 094	1 030	1 175	1 267	1 133	1 222	1 313	1 263	1 280
Liquid biofuels	400	389	374	357	423	264	445	484	483
All other renewable energies	1 563	1 512	1 662	1 770	1 718	1 663	1 940	1 931	1 964
Non-renewable wastes	137	153	141	192	173	165	171	140	167
Electricity	7 168	6 888	6 979	7 113	6 927	7 017	7 038	7 069	7 097
Heat	620	615	558	563	516	510	494	414	407
Statistical difference	681	184	-604	-126	96	102	-110	141	13
Final non-energy consumption	7 013	6 880	6 983	7 483	8 008	7 649	7 573	7 475	7 801
Final energy consumption	35 025	32 260	32 621	33 975	31 601	33 115	33 409	32 935	33 111
Industry	10 760	10 331	10 461	10 754	10 636	10 588	10 665	10 484	10 669
Transport	8 971	8 820	8 544	8 393	8 519	8 919	9 008	8 854	8 904
Other sectors	15 294	13 109	13 616	14 827	12 446	13 607	13 736	13 598	13 538
Services	4 944	4 399	4 508	4 901	4 208	4 577	4 605	4 595	4 597
Households	9 528	7 987	8 361	9 062	7 487	8 270	8 313	8 171	8 103

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	61 152	57 401	54 763	56 821	53 713	53 706	56 757	56 570	54 639
Primary energy consumption	54 139	50 522	47 781	49 337	45 705	46 057	49 184	49 095	46 838
Final energy consumption	37 722	35 015	35 075	36 567	34 264	35 929	36 430	36 102	36 334

Source: Eurostat (nrg_bal_c)

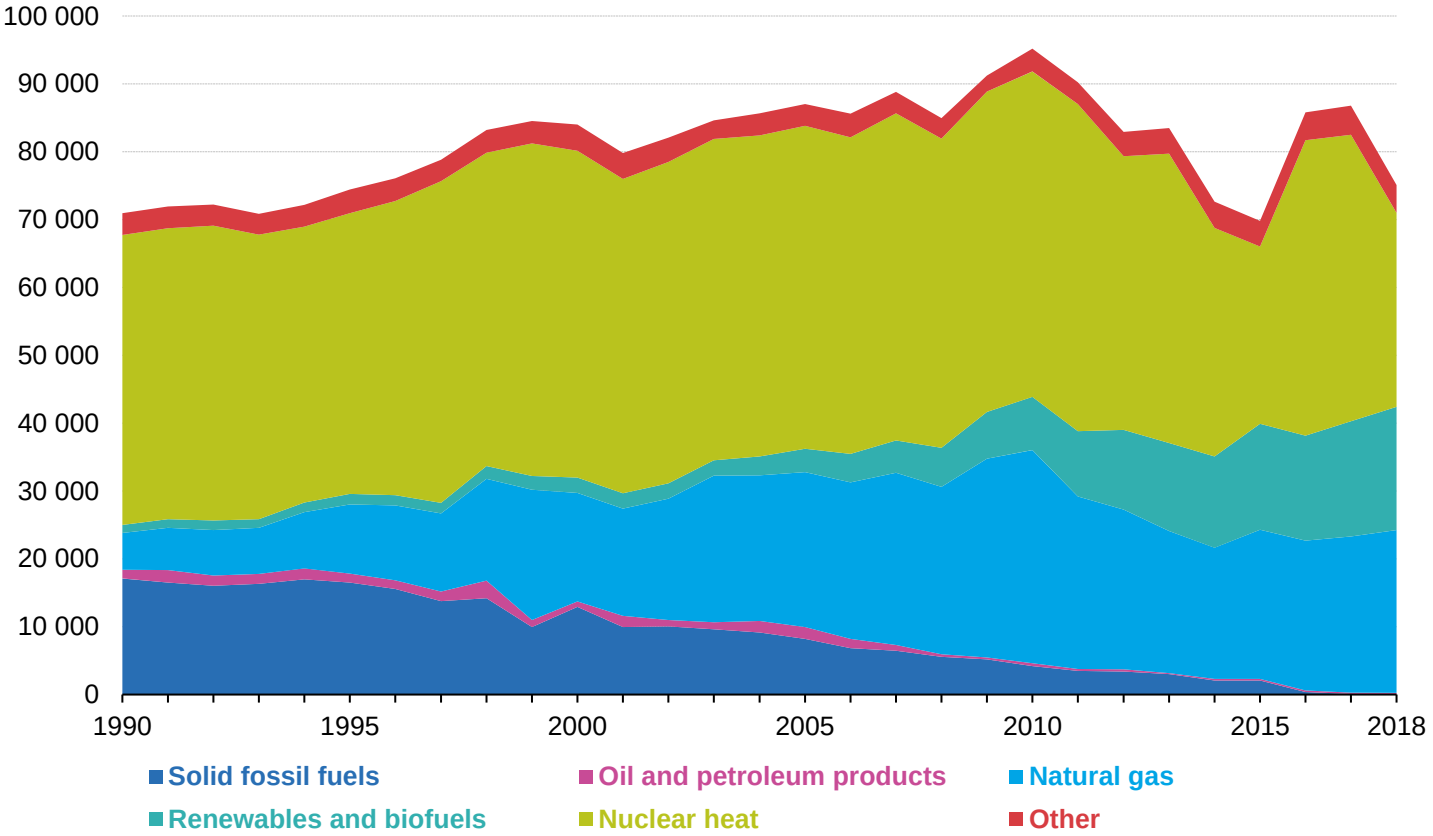
Belgium

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

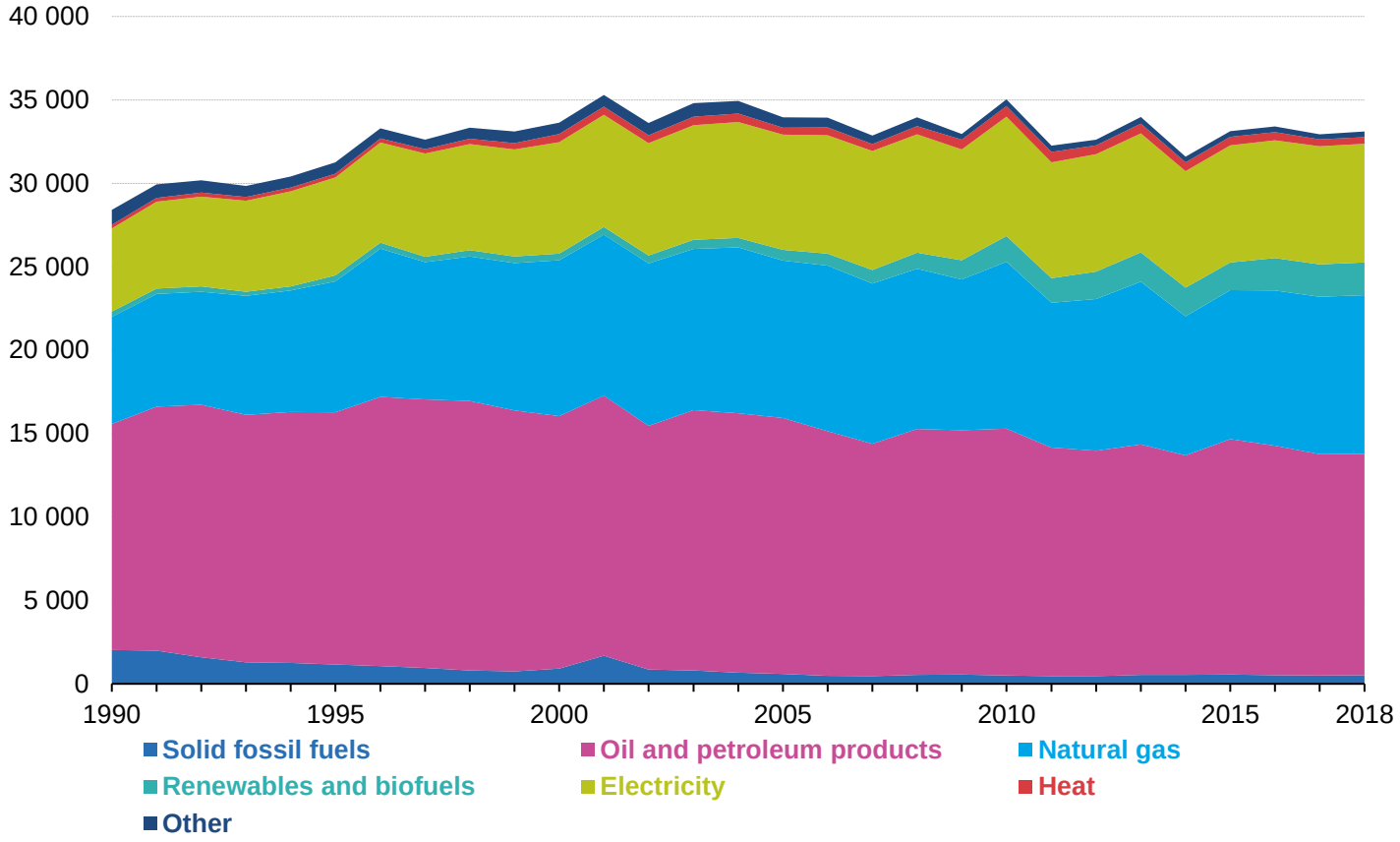


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

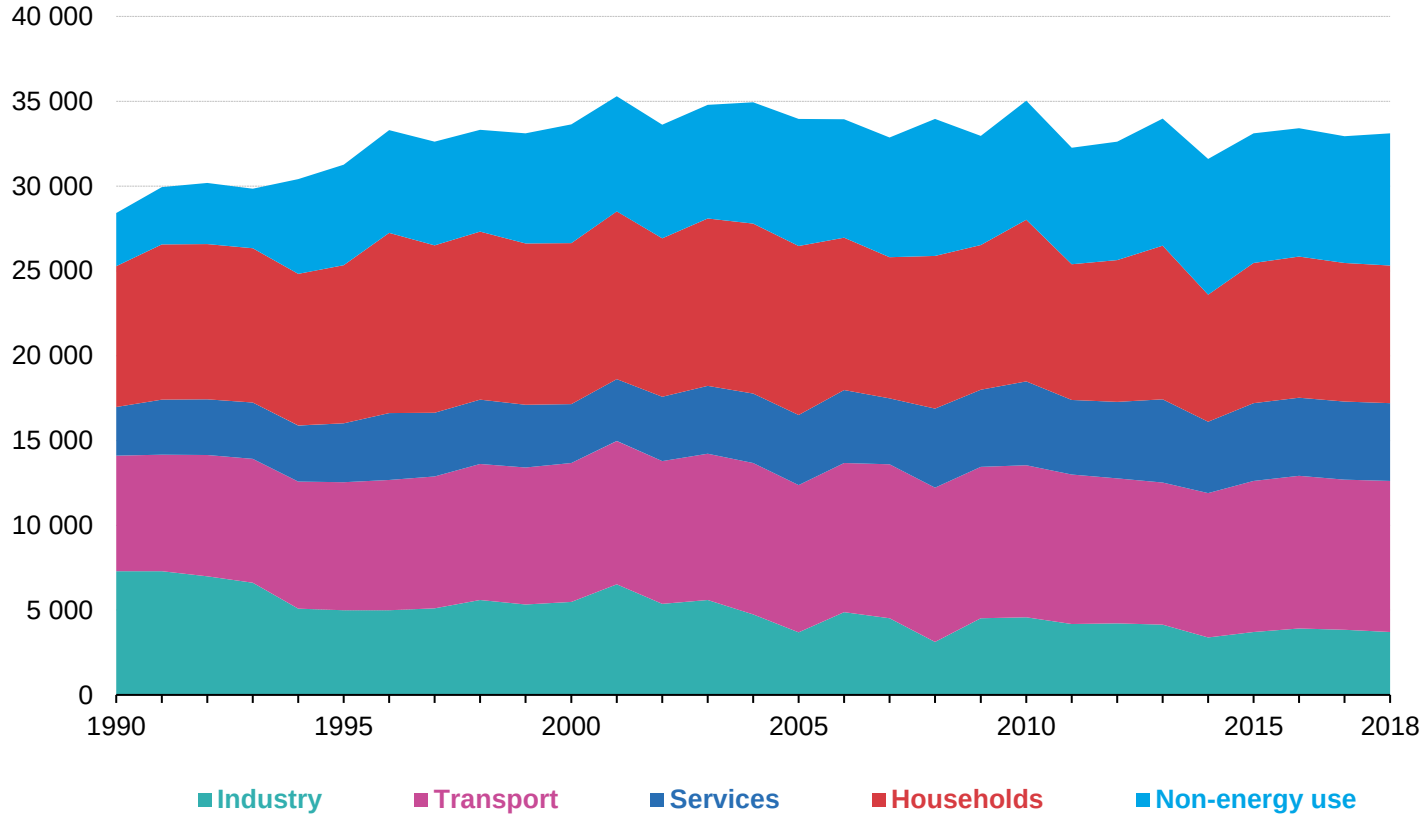
Belgium

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Belgium

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	83 487	72 646	69 825	85 813	86 776	75 095	93 497 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	3 008	2 090	2 075	390	91	91	104 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	3 008	2 090	2 075	390	91	91	104 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	20 924	19 321	22 026	22 113	23 018	23 982	25 729 P
Coke oven gas	39	35	15	12	6	8	9 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	1 965	1 963	1 879	2 090	2 185	2 103	2 265 P
Other recovered gases	147	173	142	148	143	143	154 P
Sub-total	23 075	21 492	24 062	24 363	25 352	26 235	28 157 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	90	167	156	160	142	132	22 P
Liquefied petroleum gases	0	1	0	9	10	9	1 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	3	2	6	6	11	4	1 P
Gas oil and diesel oil	17	17	18	9	10	16	3 P
Fuel oil	47	30	29	14	3	1	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	157	217	209	198	176	161	27 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	1 704	1 465	1 418	1 489	1 397	1 329	1 177 P
Geothermal	0	0	0	0	0	0	0 P
Wind	3 665	4 615	5 574	5 438	6 514	7 465	9 549 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	2 644	2 886	3 056	3 095	3 307	3 902	3 947 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	3 355	2 632	3 554	3 471	3 816	3 484	3 055 P
Liquid biofuels	126	90	130	31	36	74	77 P
Biogases	774	872	953	993	938	945	979 P
Renewable municipal waste	729	880	927	955	987	968	1 078 P
Sub-total	12 997	13 440	15 611	15 472	16 996	18 166	19 862 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	434	390	399	422	435	438	333 P
Non-renewable municipal waste	749	888	897	921	948	919	1 053 P
Sub-total	1 183	1 278	1 295	1 343	1 383	1 357	1 386 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	42 644	33 703	26 103	43 523	42 227	28 597	43 524 P
Heat from chemical sources	412	419	459	513	540	478	428 P
Other fuels not elsewhere specified	11	8	11	11	11	9	10 P
Sub-total	43 067	34 130	26 572	44 047	42 778	29 084	43 962 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	468	430	405	418	409	434	368 P
Coking coal	2 353	1 942	1 677	1 638	1 616	1 630	1 624 P
Other bituminous coal	2 370	2 126	2 098	1 647	1 547	1 506	1 522 P
Sub-bituminous coal	101	113	99	94	74	106	91 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	1 349	1 405	1 340	1 442	1 455	1 437	1 490 P
Patent fuel	2	3	1	3	1	1	1 P
Brown coal briquettes	425	425	441	418	365	383	324 P
Coal tar	191	238	292	283	283	283	283 E
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	673 858	588 115	648 790	661 874	672 644	693 513	704 049 P
Coke oven gas	14 613	12 529	10 742	10 320	10 062	10 020	10 059 E
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	21 684	22 171	21 477	23 522	24 077	23 607	23 947 E
Other recovered gases	3 226	3 480	3 299	3 531	3 765	3 665	3 718 E

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	30 678	35 842	35 411	33 619	35 477	34 588	36 039 P
Refinery intake	32 369	35 677	35 404	33 748	35 542	34 397	35 463 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	25 745	22 302	23 756	24 518	27 375	30 083	27 017 P
Export	24 618	26 164	25 604	26 715	31 407	30 127	30 094 P
Total refinery output	32 145	35 250	35 204	33 631	35 283	34 070	35 154 P
Gas oil and diesel oil	11 119	13 369	13 424	12 309	12 843	13 525	14 695 P
Motor gasoline	4 192	4 565	4 906	4 797	4 608	4 013	4 253 P
Fuel oil	4 916	5 512	5 306	5 349	7 488	7 507	4 586 P
Naphtha	2 314	2 569	2 262	2 443	2 319	2 611	2 769 P
Kerosene-type jet fuel	1 497	1 666	1 686	1 666	1 942	1 842	2 195 P
All other oil products	8 107	7 569	7 620	7 067	6 083	4 571	6 657 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	83 797	70 707	82 668	85 972	85 890	83 854	79 649 P
Charcoal [kt]	9	9	9	9	9	9	9 P
Biogases [TJ]	7 913	9 130	9 860	9 814	9 423	9 547	9 850 P
Pure biogasoline [kt]	79	57	59	63	140	160	183 P
Pure biodiesels [kt]	332	426	248	446	429	411	397 P
Other liquid biofuels [kt]	26	17	26	5	7	21	22 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	13 816	15 323	15 773	15 694	15 876	15 607	17 425 P
Non-renewable municipal waste	15 013	14 998	14 949	15 095	15 091	14 935	17 105 P
Industrial waste (non-renewable)	13 607	13 280	13 074	13 291	12 119	13 037	10 989 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	115	106	114	119	114	118	115 P
Solar thermal	783	916	1 001	1 027	1 062	1 154	1 200 P
Ambinet heat (heat pumps)	1 446	1 513	1 744	1 997	2 163	2 597	2 779 P

Source: Eurostat (nrg_cb_rw)

Bulgaria ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	11 957.4	5 056.1	Z	0.0	0.0	22.8	28.5	2 562.9	71.4	4 168.3	47.3	Z
+ Recovered & recycled products	223.0	213.0	Z	0.0	0.0	10.0	Z	0.0	Z	Z	Z	Z
+ Imports	11 597.0	589.2	0.0	0.0	0.0	8 092.1	2 589.3	135.2	0.0	Z	0.0	191.1
- Exports	4 661.9	17.4	0.0	0.0	0.0	3 586.3	10.4	185.3	0.0	Z	0.0	862.4
+ Change in stock	-49.9	-207.1	0.0	0.0	0.0	145.3	4.7	7.2	0.0	Z	Z	Z
= Gross available energy	**19 065.5**	**5 633.7**	**0.0**	**0.0**	**0.0**	**4 683.9**	**2 612.1**	**2 520.1**	**71.4**	**4 168.3**	**47.3**	**-671.3**
- International maritime bunkers	82.1	0.0	0.0	0.0	0.0	82.1	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**18 983.4**	**5 633.7**	**0.0**	**0.0**	**0.0**	**4 601.8**	**2 612.1**	**2 520.1**	**71.4**	**4 168.3**	**47.3**	**-671.3**
- International aviation	256.1	Z	Z	Z	Z	256.1	Z	0.0	Z	Z	Z	Z
= Total energy supply	**18 727.4**	**5 633.7**	**0.0**	**0.0**	**0.0**	**4 345.7**	**2 612.1**	**2 520.1**	**71.4**	**4 168.3**	**47.3**	**-671.3**
Transformation input	**18 900.0**	**5 351.7**	**0.0**	**0.0**	**0.0**	**6 966.0**	**1 009.8**	**1 284.6**	**27.8**	**4 168.3**	**56.2**	**35.7**
+ Electricity & heat generation	11 207.3	4 904.9	0.0	0.0	0.0	70.2	832.0	1 112.2	27.8	4 168.3	56.2	35.7
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	6 895.8	Z	Z	Z	Z	6 895.8	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	446.8	446.8	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	170.0	Z	Z	Z	Z	Z	Z	170.0	Z	Z	Z	Z
+ Charcoal production plants	2.4	Z	Z	Z	Z	Z	Z	2.4	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	177.8	0.0	0.0	0.0	0.0	0.0	177.8	0.0	0.0	Z	Z	Z
Transformation output	**12 174.2**	**302.8**	**0.0**	**0.0**	**Z**	**6 765.9**	**0.0**	**171.3**	**Z**	**Z**	**906.9**	**4 027.3**
+ Electricity & heat generation	4 934.2	Z	Z	Z	Z	Z	Z	Z	Z	Z	906.9	4 027.3
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	6 581.9	Z	Z	Z	Z	6 581.9	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	302.8	302.8	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	170.0	Z	Z	Z	Z	Z	Z	170.0	Z	Z	Z	Z
+ Charcoal production plants	1.4	Z	Z	Z	Z	Z	Z	1.4	Z	Z	Z	Z
+ Gas-to-liquids plants	176.2	Z	Z	Z	Z	176.2	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	7.7	0.0	0.0	0.0	Z	7.7	Z	Z	Z	Z	Z	Z
Energy sector	**1 072.2**	**0.4**	**0.0**	**0.0**	**0.0**	**356.9**	**47.9**	**0.0**	**0.0**	**Z**	**191.1**	**475.8**
+ Own use in electricity & heat genera	416.3	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	Z	60.7	354.5
+ Coal mines	63.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	9.5	53.5
+ Oil & natural gas extraction plants	0.9	Z	Z	Z	Z	0.0	0.4	0.0	Z	Z	0.0	0.5
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	122.6	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	120.5	2.1
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	457.4	0.0	0.0	0.0	0.0	355.2	47.0	0.0	0.0	Z	0.0	55.2
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	11.5	0.0	0.0	0.0	0.0	1.1	0.1	0.0	0.0	Z	0.3	10.0
Distribution losses	**434.0**	**1.6**	**0.0**	**0.0**	**0.0**	**1.3**	**7.8**	**0.0**	**0.0**	**Z**	**156.6**	**266.7**
Available for final consumption	**10 495.4**	**582.8**	**0.0**	**0.0**	**0.0**	**3 787.5**	**1 546.7**	**1 406.8**	**43.6**	**0.0**	**550.2**	**2 577.7**
Final non-energy consumption	**494.7**	**49.3**	**0.0**	**0.0**	**0.0**	**237.5**	**207.9**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**9 749.6**	**355.3**	**0.0**	**0.0**	**0.0**	**3 540.2**	**1 300.0**	**1 400.2**	**43.6**	**Z**	**539.9**	**2 570.4**
+ Industry	2 730.6	229.1	0.0	0.0	0.0	400.8	894.8	239.7	43.6	Z	73.8	848.8
+ Iron & steel	126.0	0.0	0.0	0.0	0.0	0.2	55.5	0.0	0.0	Z	0.0	70.3
+ Chemical & petrochemical	833.8	168.7	0.0	0.0	0.0	256.1	264.1	6.6	0.0	Z	21.0	117.2
+ Non-ferrous metals	177.5	1.3	0.0	0.0	0.0	16.3	44.6	0.0	0.0	Z	22.3	93.0
+ Non-metallic minerals	571.8	54.5	0.0	0.0	0.0	79.6	273.2	39.6	43.6	Z	0.1	81.2
+ Transport equipment	19.2	0.1	0.0	0.0	0.0	0.7	6.9	0.0	0.0	Z	0.0	11.5
+ Machinery	140.4	0.4	0.0	0.0	0.0	6.2	40.7	0.3	0.0	Z	0.8	92.1
+ Mining & quarrying	126.5	0.0	0.0	0.0	0.0	4.6	18.6	0.0	0.0	Z	6.7	96.6
+ Food, beverages & tobacco	250.7	0.8	0.0	0.0	0.0	8.6	90.3	28.3	0.0	Z	8.4	114.3
+ Paper, pulp & printing	201.0	1.2	0.0	0.0	0.0	0.5	43.2	117.1	0.0	Z	0.5	38.6
+ Wood & wood products	70.8	0.2	0.0	0.0	0.0	1.0	4.7	43.3	0.0	Z	0.0	21.6
+ Construction	66.0	0.1	0.0	0.0	0.0	24.3	20.2	0.3	0.0	Z	1.3	19.7
+ Textile & leather	66.3	1.7	0.0	0.0	0.0	1.4	17.5	1.9	0.0	Z	12.5	31.2
+ Not elsewhere specified (industry)	80.6	0.1	0.0	0.0	0.0	1.2	15.3	2.2	0.0	Z	0.3	61.5
+ Transport	3 372.2	0.0	0.0	0.0	0.0	2 965.0	215.8	163.6	0.0	Z	Z	27.8
+ Rail	34.4	0.0	0.0	0.0	0.0	11.1	Z	0.0	0.0	Z	Z	23.3
+ Road	3 181.4	Z	Z	Z	Z	2 936.3	78.4	163.6	0.0	Z	Z	3.1
+ Domestic aviation	17.5	Z	Z	Z	Z	17.5	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	138.8	Z	Z	Z	Z	0.0	137.4	0.0	Z	Z	Z	1.5
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	3 646.8	126.2	0.0	0.0	0.0	174.5	189.4	996.9	0.0	Z	466.1	1 693.7
+ Commercial & public services	1 231.2	2.5	0.0	0.0	0.0	26.2	97.8	242.8	0.0	Z	133.5	728.3
+ Households	2 229.7	114.7	0.0	0.0	0.0	22.1	77.3	749.1	0.0	Z	323.8	942.7
+ Agriculture & forestry	185.3	9.0	0.0	0.0	0.0	126.1	14.3	4.9	0.0	Z	8.7	22.2
+ Fishing	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.6
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**251.1**	**178.2**	**0.0**	**0.0**	**0.0**	**9.8**	**38.7**	**6.6**	**0.0**	**0.0**	**10.3**	**7.4**
Gross electricity production	4 025.4	1 604.4	0.0	0.0	0.0	29.1	173.4	823.4	8.6	1 386.5	Z	Z
Gross heat production	863.4	200.3	0.0	0.0	0.0	0.9	531.3	112.7	1.1	17.1	Z	0.0

Source: Eurostat (nrg_bal_c)

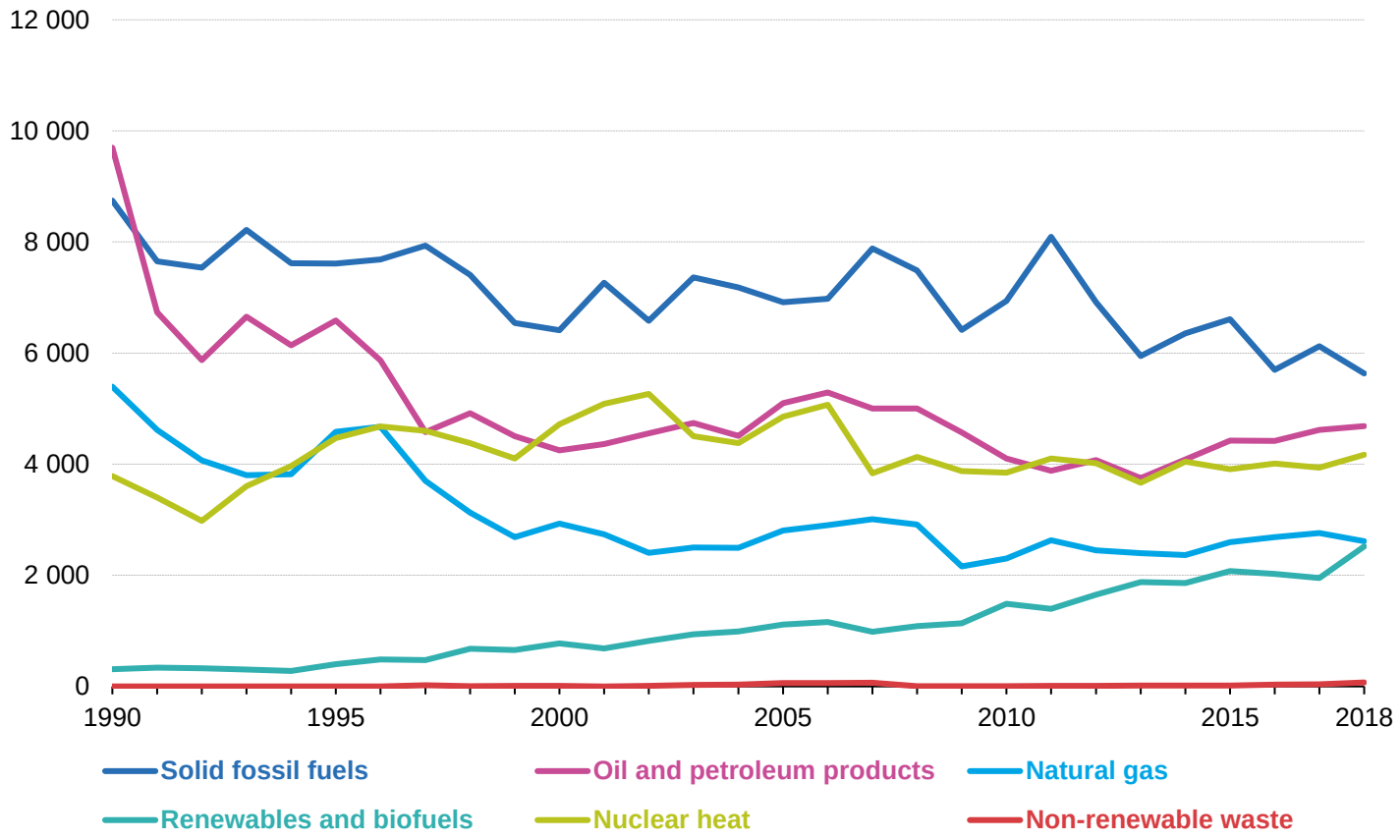
Bulgaria	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	18 012	19 275	18 462	17 173	17 955	18 768	18 371	19 016	19 066
Solid fossil fuels	6 938	8 094	6 915	5 947	6 357	6 607	5 699	6 123	5 634
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	6 096	5 932	6 484	6 501	6 065	6 729	6 955	7 136	6 129
Petroleum products	4 105	3 884	4 072	3 750	4 087	4 425	4 417	4 621	4 684
Natural gas	2 300	2 630	2 451	2 398	2 363	2 595	2 687	2 762	2 612
Nuclear heat	3 849	4 105	4 020	3 668	4 047	3 912	4 011	3 941	4 168
Renewable energies	1 486	1 395	1 654	1 879	1 860	2 076	2 022	1 952	2 520
Non-renewable wastes	3	9	7	13	13	18	32	39	71
Primary production	10 453	12 240	11 689	10 666	11 307	12 032	11 273	11 728	11 957
Solid fossil fuels	4 927	6 207	5 608	4 782	5 106	5 832	5 081	5 669	5 056
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	23	22	24	28	26	25	24	24	23
Natural gas	59	351	308	234	159	85	77	66	29
Nuclear heat	3 849	4 105	4 020	3 668	4 047	3 912	4 011	3 941	4 168
Renewable energies	1 533	1 471	1 665	1 890	1 914	2 117	1 996	1 938	2 563
Non-renewable wastes	3	9	7	13	13	18	32	39	71
Net imports	7 231	7 080	6 804	6 580	6 315	6 840	7 068	7 485	6 935
Solid fossil fuels	1 700	1 979	1 487	971	931	741	557	573	572
Crude oil	5 521	5 069	5 979	5 731	5 185	6 165	6 294	6 969	5 951
Gas/Diesel Oil (w/o bio)	1	64	-305	-182	78	69	-425	-742	-153
Motor Gasoline (w/o bio)	-931	-1 028	-1 190	-1 364	-1 177	-1 392	-1 376	-1 446	-1 100
Naphtha	-333	-287	-327	-284	-262	-311	-376	-453	-410
LPG	288	280	293	343	365	418	436	425	418
All other oil & petroleum products	4 182	3 831	3 987	3 922	4 034	4 506	4 440	4 694	4 506
Natural gas	2 131	2 264	2 043	2 226	2 222	2 517	2 591	2 696	2 579
Transformation input	18 837	20 204	19 568	18 517	19 017	19 723	19 507	20 156	18 900
Electricity & heat generation	12 065	13 290	12 180	10 971	11 766	11 897	11 140	11 290	11 207
Refinery intake	6 196	6 253	6 712	6 727	6 343	7 006	7 362	7 708	6 596
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	12 013	12 456	12 550	12 240	12 339	12 907	13 023	13 337	12 174
Electricity & heat generation	5 429	5 763	5 451	5 031	5 377	5 435	5 044	4 977	4 934
Refinery output	6 037	6 077	6 498	6 494	6 170	6 741	7 037	7 266	6 287
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	1 137	1 075	1 094	996	1 032	1 134	1 089	1 126	1 072
Distribution losses	549	538	520	480	499	490	469	486	434
Available for final consumption	9 239	9 670	9 602	9 170	9 495	10 065	10 040	10 266	10 495
Solid fossil fuels	522	499	462	420	382	436	396	437	583
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	1 659	1 732	1 809	1 555	1 841	2 001	2 020	2 034	2 189
Motor Gasoline (w/o bio)	624	564	539	443	505	521	493	505	492
Naphtha	0	0	0	0	0	1	0	0	0
LPG	419	402	430	446	479	517	548	530	508
All other oil & petroleum products	3 166	3 079	3 186	2 817	3 206	3 473	3 381	3 508	3 787
Natural gas	1 269	1 551	1 382	1 397	1 414	1 591	1 622	1 663	1 547
Primary solid biofuels & charcoal	883	940	1 002	1 006	951	995	995	1 021	1 042
Liquid biofuels	13	17	86	111	111	146	163	166	164
All other renewable energies	980	1 049	1 189	1 255	1 194	1 292	1 348	1 373	1 407
Non-renewable wastes	3	9	7	13	13	18	32	39	44
Electricity	2 334	2 440	2 391	2 362	2 384	2 437	2 480	2 576	2 578
Heat	964	1 043	986	907	902	818	782	671	550
Statistical difference	117	37	34	26	104	72	27	47	251
Final non-energy consumption	422	507	465	464	510	605	495	477	495
Final energy consumption	8 699	9 125	9 103	8 681	8 881	9 389	9 518	9 742	9 750
Industry	2 550	2 696	2 567	2 596	2 618	2 720	2 655	2 754	2 731
Transport	2 695	2 760	2 914	2 620	2 916	3 212	3 268	3 325	3 372
Other sectors	3 455	3 669	3 622	3 465	3 347	3 457	3 594	3 663	3 647
Services	1 027	1 090	1 070	1 030	992	1 079	1 157	1 167	1 231
Households	2 243	2 374	2 353	2 241	2 165	2 193	2 252	2 319	2 230

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	17 821	19 082	18 295	16 968	17 767	18 563	18 160	18 798	18 844
Primary energy consumption	17 399	18 575	17 831	16 504	17 257	17 958	17 665	18 322	18 349
Final energy consumption	8 829	9 252	9 220	8 775	8 986	9 490	9 649	9 893	9 913

Source: Eurostat (nrg_bal_c)

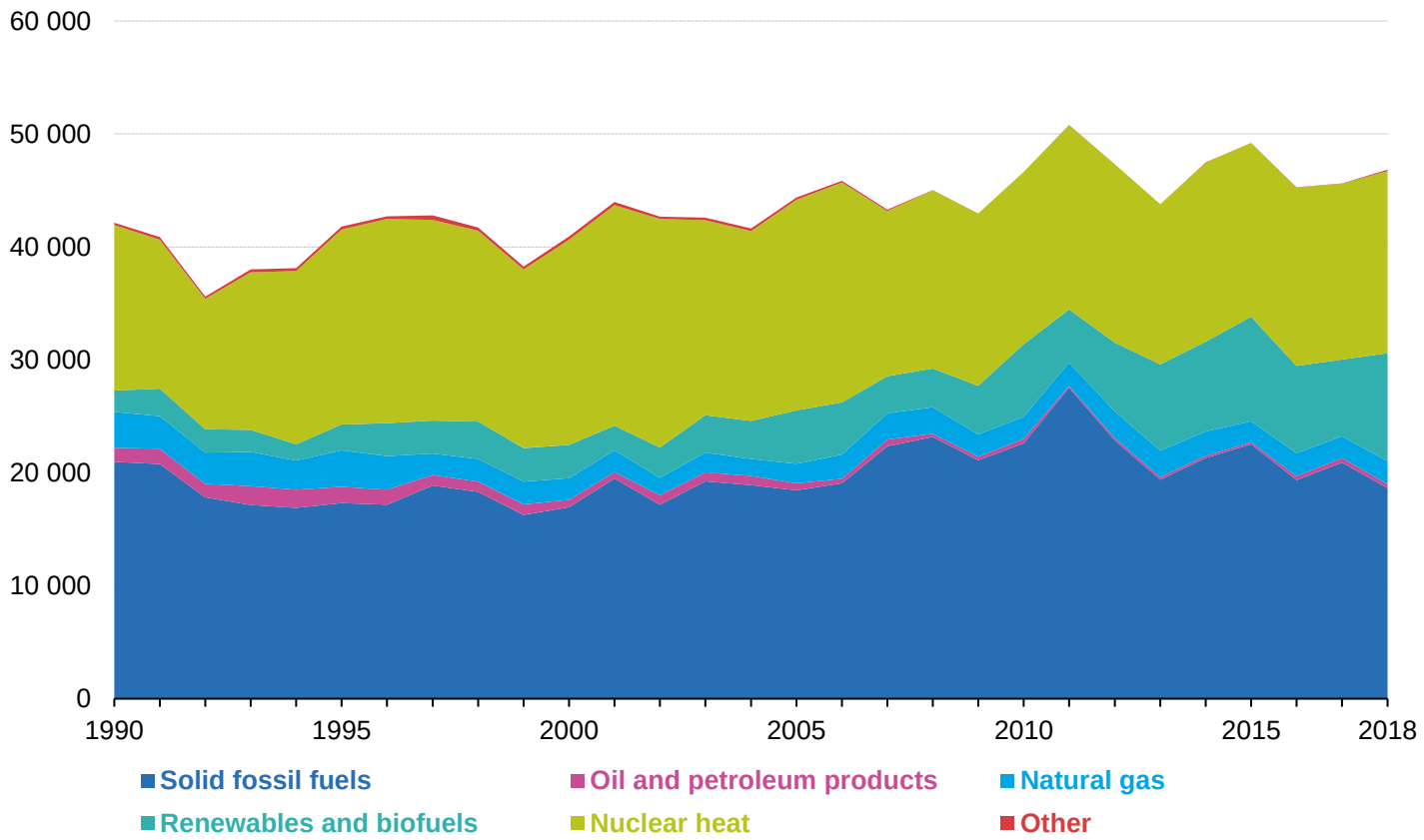
Bulgaria

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

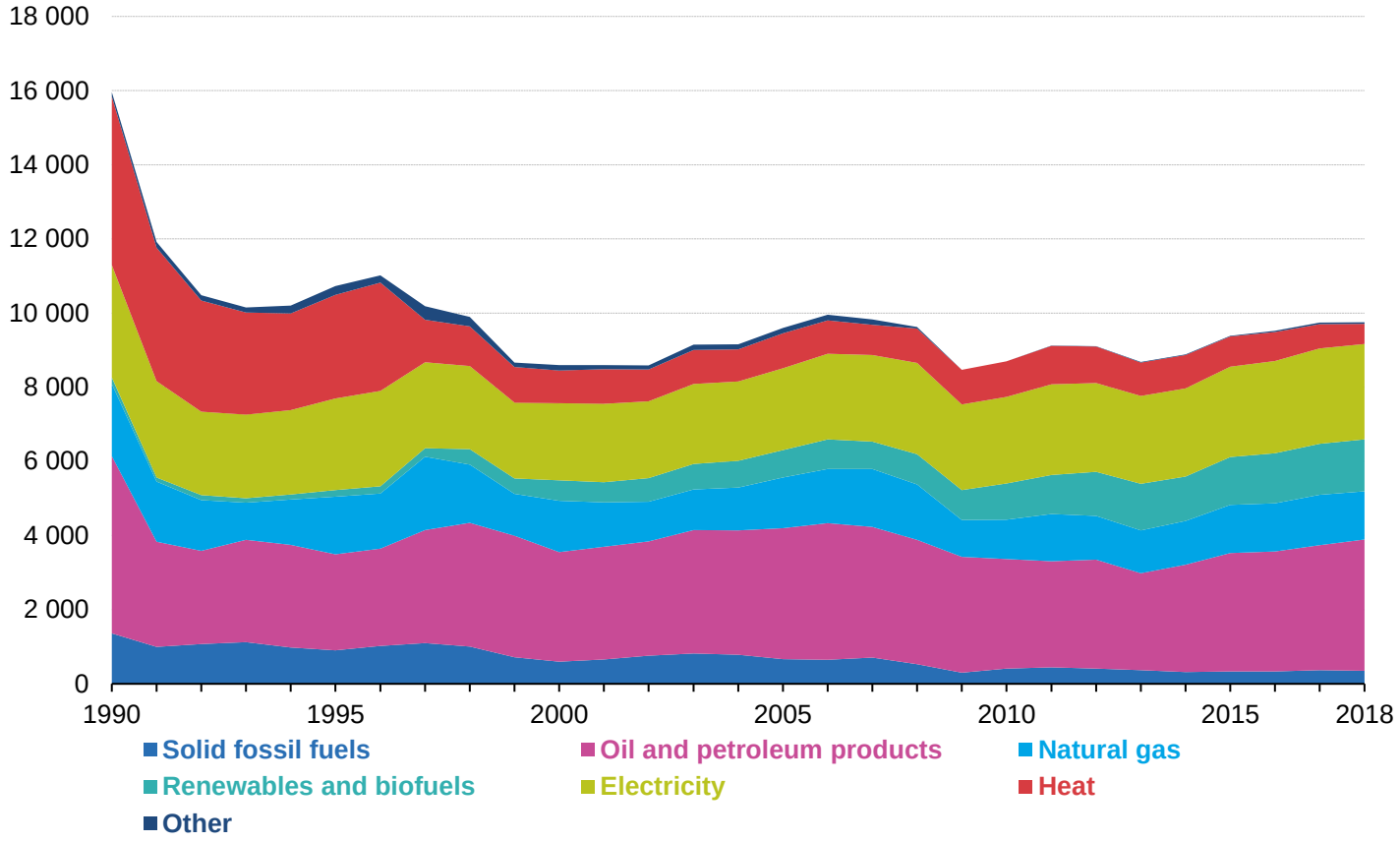


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

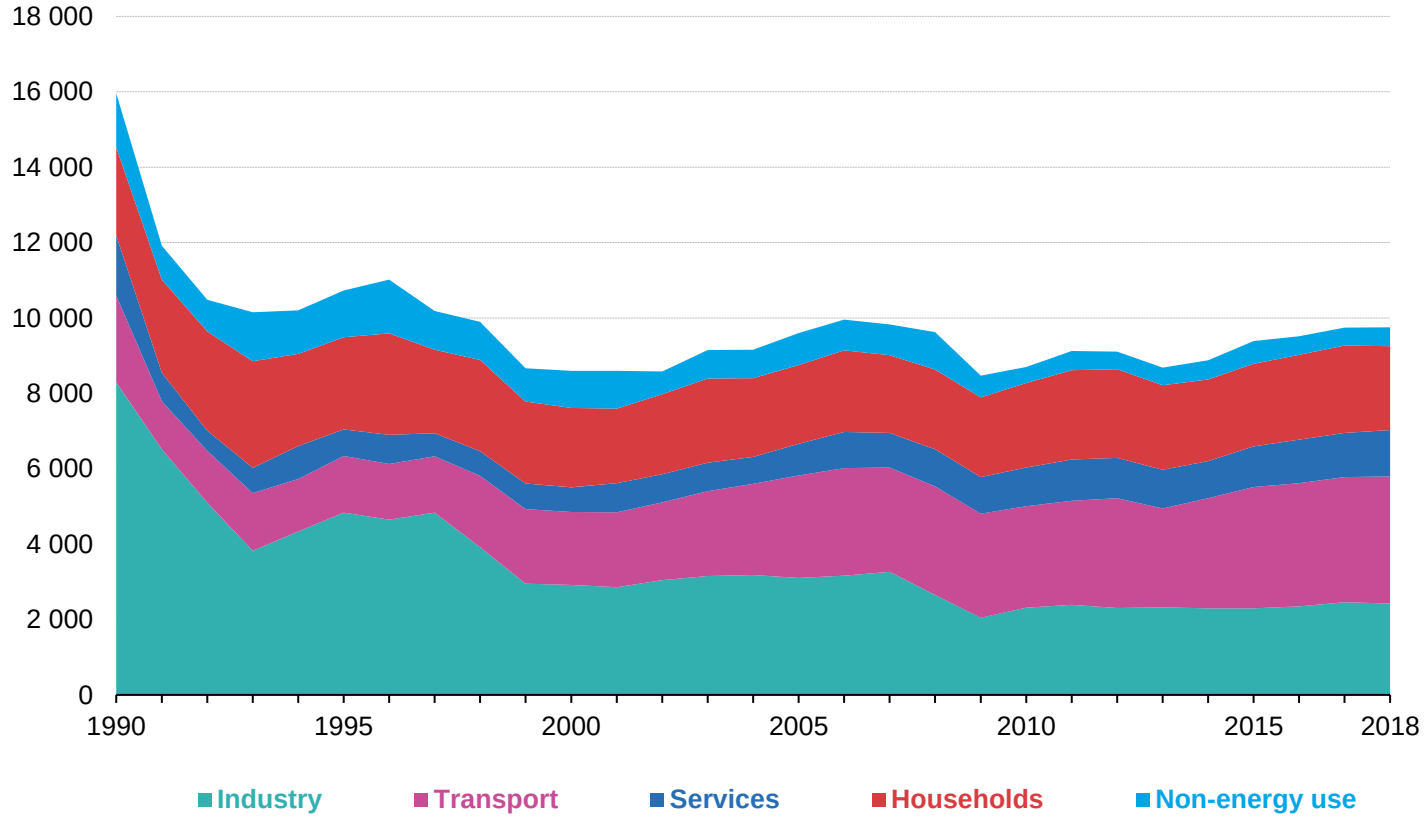
Bulgaria

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Bulgaria

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	43 785	47 485	49 226	45 278	45 613	46 838	44 225 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	769	1 269	85	1	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	1 205	1 051	581	464	396	414	363 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	16 380	17 837	21 027	17 911	19 637	17 655	16 427 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	1 038	1 148	829	988	881	591	435 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	19 392	21 305	22 522	19 364	20 914	18 659	17 225 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	2 339	2 142	1 864	2 053	1 922	2 017	2 130 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	2 339	2 142	1 864	2 053	1 922	2 017	2 130 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	31	15	14	66	128	64	117 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	4	3	6	7	7	7	5 P
Fuel oil	33	20	13	33	51	46	39 P
Petroleum coke	158	173	149	212	216	221	210 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	226	211	182	318	401	338	371 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	4 795	5 163	6 147	4 568	3 493	5 423	3 383 P
Geothermal	0	0	0	0	0	0	0 P
Wind	1 374	1 331	1 452	1 425	1 504	1 318	1 317 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	1 361	1 252	1 383	1 386	1 403	1 343	1 405 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	95	139	151	163	180	1 280	1 556 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	17	62	119	191	216	212	197 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	7 641	7 946	9 252	7 733	6 796	9 576	7 857 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	100	55 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	100	55 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	14 171	15 867	15 383	15 776	15 545	16 125	16 555 P
Heat from chemical sources	16	14	23	34	34	22	31 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	14 187	15 881	15 406	15 810	15 580	16 148	16 586 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	608	801	224	154	171	172	158 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	1 151	1 047	891	747	753	832	803 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	28 719	31 440	35 742	31 001	33 672	30 166	27 877 P
Coke oven coke	71	81	80	100	62	62	62 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	1 633	1 424	978	1 306	1 093	770	616 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	32 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	111 543	109 908	120 708	124 977	128 500	121 517	113 638 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	6 435	6 030	6 686	6 812	7 166	5 983	7 051 P
Refinery intake	6 640	6 318	6 935	7 269	7 586	6 492	7 302 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1 918	2 080	2 286	2 241	2 386	2 066	2 213 P
Export	4 430	4 020	4 452	4 571	4 800	3 537	4 295 P
Total refinery output	6 443	6 129	6 681	6 942	7 142	6 189	6 967 P
Gas oil and diesel oil	2 087	1 970	2 202	2 745	3 032	2 545	3 191 P
Motor gasoline	1 757	1 600	1 788	1 785	1 848	1 508	1 778 P
Fuel oil	1 640	1 617	1 654	1 297	974	948	581 P
Naphtha	275	249	300	366	448	372	487 P
Kerosene-type jet fuel	166	173	179	207	265	259	232 P
All other oil products	518	520	558	542	577	556	699 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	43 151	41 599	43 437	44 370	44 758	60 318	60 330 E
Charcoal [kt]	4	3	3	5	5	6	6 P
Biogases [TJ]	93	435	820	2 511	1 958	2 245	2 420 E
Pure biogasoline [kt]	13	23	50	51	41	44	49 P
Pure biodiesels [kt]	129	100	129	147	160	157	170 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	728	469	631	1 061	1 240	1 520	1 550 E
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	563	548	765	1 319	1 621	2 990	3 300 E

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	1 400	1 400	1 400	1 450	1 450	1 450	1 470 P
Solar thermal	798	824	912	937	983	1 044	1 103 P
Ambinet heat (heat pumps)	2 700	2 722	3 134	3 399	3 660	3 868	0 P

Source: Eurostat (nrg_cb_rw)

Czechia ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	27 345.9	14 580.6	Z	0.0	0.0	196.4	179.6	4 570.7	346.5	7 449.0	23.1	Z
+ Recovered & recycled products	136.6	123.6	Z	0.0	0.0	13.1	Z	0.0	Z	Z	Z	Z
+ Imports	22 992.6	2 964.3	0.0	0.0	0.0	11 997.3	6 603.5	431.1	0.0	Z	1.2	995.1
- Exports	6 989.5	2 133.3	0.0	0.0	0.0	2 234.5	0.0	429.0	0.0	Z	1.8	2 190.9
+ Change in stock	66.1	190.5	0.0	0.0	0.0	-157.3	36.0	-3.1	0.0	Z	Z	Z
= Gross available energy	**43 551.7**	**15 725.6**	**0.0**	**0.0**	**0.0**	**9 815.0**	**6 819.1**	**4 569.8**	**346.5**	**7 449.0**	**22.5**	**-1 195.8**
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**43 551.7**	**15 725.6**	**0.0**	**0.0**	**0.0**	**9 815.0**	**6 819.1**	**4 569.8**	**346.5**	**7 449.0**	**22.5**	**-1 195.8**
- International aviation	409.5	Z	Z	Z	Z	409.5	Z	0.0	Z	Z	Z	Z
= Total energy supply	**43 142.2**	**15 725.6**	**0.0**	**0.0**	**0.0**	**9 405.4**	**6 819.1**	**4 569.8**	**346.5**	**7 449.0**	**22.5**	**-1 195.8**
Transformation input	**34 923.2**	**15 143.3**	**634.2**	**0.0**	**0.0**	**8 245.2**	**1 388.5**	**1 851.0**	**61.6**	**7 449.0**	**31.5**	**118.8**
+ Electricity & heat generation	22 035.6	10 736.0	634.2	0.0	0.0	45.1	1 388.5	1 570.6	61.6	7 449.0	31.5	118.8
+ Coke ovens	2 387.4	2 387.4	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	1 420.4	1 420.4	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	511.4	511.4	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	8 200.0	Z	Z	Z	Z	8 200.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	88.1	88.1	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	280.4	Z	Z	Z	Z	Z	Z	280.4	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**22 292.1**	**1 979.0**	**1 359.6**	**0.0**	**Z**	**8 279.8**	**0.0**	**280.4**	**Z**	**Z**	**2 823.9**	**7 569.4**
+ Electricity & heat generation	10 393.3	Z	Z	Z	Z	Z	Z	Z	Z	Z	2 823.9	7 569.4
+ Coke ovens	2 344.1	1 899.7	444.4	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	615.7	0.0	615.7	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	299.5	0.0	299.5	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	8 279.8	Z	Z	Z	Z	8 279.8	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	79.3	79.3	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	280.4	Z	Z	Z	Z	Z	Z	280.4	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**2 263.0**	**289.7**	**358.8**	**0.0**	**0.0**	**221.8**	**87.6**	**0.0**	**0.0**	**Z**	**538.6**	**766.4**
+ Own use in electricity & heat genera	1 094.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	478.2	616.6
+ Coal mines	444.1	289.7	36.5	0.0	0.0	6.2	0.0	0.0	0.0	Z	16.3	95.4
+ Oil & natural gas extraction plants	3.1	Z	Z	Z	Z	0.0	1.3	0.0	Z	Z	0.0	1.7
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	272.7	0.0	227.6	0.0	0.0	0.0	0.0	0.0	0.0	Z	34.9	10.2
+ BKB & PB plants	0.6	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.6
+ Gas works	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	3.5
+ Blast furnaces	99.9	0.0	94.8	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	5.2
+ Petroleum refineries (oil refineries)	340.7	0.0	0.0	0.0	0.0	215.7	86.3	0.0	0.0	Z	9.1	29.6
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	3.6
Distribution losses	**674.3**	**51.4**	**28.2**	**0.0**	**0.0**	**0.0**	**87.6**	**0.0**	**0.0**	**Z**	**139.9**	**367.1**
Available for final consumption	**27 573.8**	**2 220.2**	**338.3**	**0.0**	**0.0**	**9 218.3**	**5 255.4**	**2 999.2**	**284.9**	**0.0**	**2 136.4**	**5 121.2**
Final non-energy consumption	**2 960.2**	**329.5**	**18.9**	**0.0**	**0.0**	**2 522.6**	**89.1**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**24 180.1**	**1 657.3**	**321.6**	**0.0**	**0.0**	**6 700.6**	**5 166.2**	**2 999.2**	**284.9**	**Z**	**2 063.1**	**4 987.3**
+ Industry	6 686.4	841.5	321.6	0.0	0.0	157.3	2 023.7	442.2	254.0	Z	565.0	2 081.0
+ Iron & steel	1 044.2	285.1	284.9	0.0	0.0	0.0	200.0	0.0	0.0	Z	71.4	202.7
+ Chemical & petrochemical	1 032.8	276.4	33.9	0.0	0.0	45.4	217.0	0.5	3.1	Z	173.2	283.4
+ Non-ferrous metals	92.6	3.2	0.0	0.0	0.0	0.0	52.8	0.1	0.0	Z	1.0	35.6
+ Non-metallic minerals	1 171.3	172.6	2.8	0.0	0.0	14.4	504.6	1.6	250.5	Z	12.1	212.7
+ Transport equipment	483.9	5.8	0.0	0.0	0.0	1.0	156.0	0.3	0.0	Z	42.1	278.7
+ Machinery	688.7	10.6	0.0	0.0	0.0	6.2	229.3	3.4	0.0	Z	72.8	366.5
+ Mining & quarrying	80.7	0.8	0.0	0.0	0.0	0.9	45.6	0.4	0.0	Z	1.0	32.0
+ Food, beverages & tobacco	573.4	47.2	0.0	0.0	0.0	5.1	292.2	5.7	0.0	Z	79.8	143.4
+ Paper, pulp & printing	587.5	32.7	0.0	0.0	0.0	2.9	101.0	267.3	0.0	Z	28.0	155.6
+ Wood & wood products	217.5	0.5	0.0	0.0	0.0	2.9	13.6	139.8	0.0	Z	12.5	48.1
+ Construction	192.2	3.5	0.0	0.0	0.0	49.2	75.3	2.9	0.0	Z	8.0	53.3
+ Textile & leather	125.6	1.9	0.0	0.0	0.0	1.0	48.8	0.1	0.0	Z	8.6	65.1
+ Not elsewhere specified (industry)	381.2	1.4	0.0	0.0	0.0	28.2	87.5	5.3	0.4	Z	54.5	203.9
+ Transport	6 659.9	0.7	0.0	0.0	0.0	6 125.0	74.8	308.7	0.0	Z	Z	150.8
+ Rail	227.9	0.7	0.0	0.0	0.0	82.0	Z	5.3	0.0	Z	Z	139.9
+ Road	6 375.7	Z	Z	Z	Z	6 005.7	60.8	303.4	0.0	Z	Z	5.8
+ Domestic aviation	34.2	Z	Z	Z	Z	34.2	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	3.1	0.0	0.0	0.0	0.0	3.1	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	18.1	Z	Z	Z	Z	0.0	14.0	0.0	Z	Z	Z	4.1
+ Not elsewhere specified (transport	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	1.0
+ Other	10 833.8	815.1	0.0	0.0	0.0	418.2	3 067.7	2 248.2	30.8	Z	1 498.1	2 755.6
+ Commercial & public services	3 128.4	22.5	0.0	0.0	0.0	21.5	1 106.2	76.8	30.8	Z	492.4	1 378.1
+ Households	7 044.9	786.3	0.0	0.0	0.0	50.2	1 878.8	2 037.2	0.0	Z	998.3	1 294.0
+ Agriculture & forestry	619.4	6.2	0.0	0.0	0.0	336.3	52.6	134.2	0.0	Z	7.4	82.7
+ Fishing	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	Z	0.0	0.7
+ Not elsewhere specified (other)	40.2	0.0	0.0	0.0	0.0	10.2	30.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**433.5**	**233.4**	**-2.3**	**0.0**	**0.0**	**-4.9**	**0.0**	**0.0**	**0.0**	**0.0**	**73.3**	**133.9**
Gross electricity production	7 558.6	3 542.7	203.7	0.0	0.0	9.3	322.5	900.8	6.9	2 572.8	Z	Z
Gross heat production	2 780.0	1 530.9	142.1	0.0	0.0	25.7	803.2	221.8	35.2	20.6	Z	0.3

Source: Eurostat (nrg_bal_c)

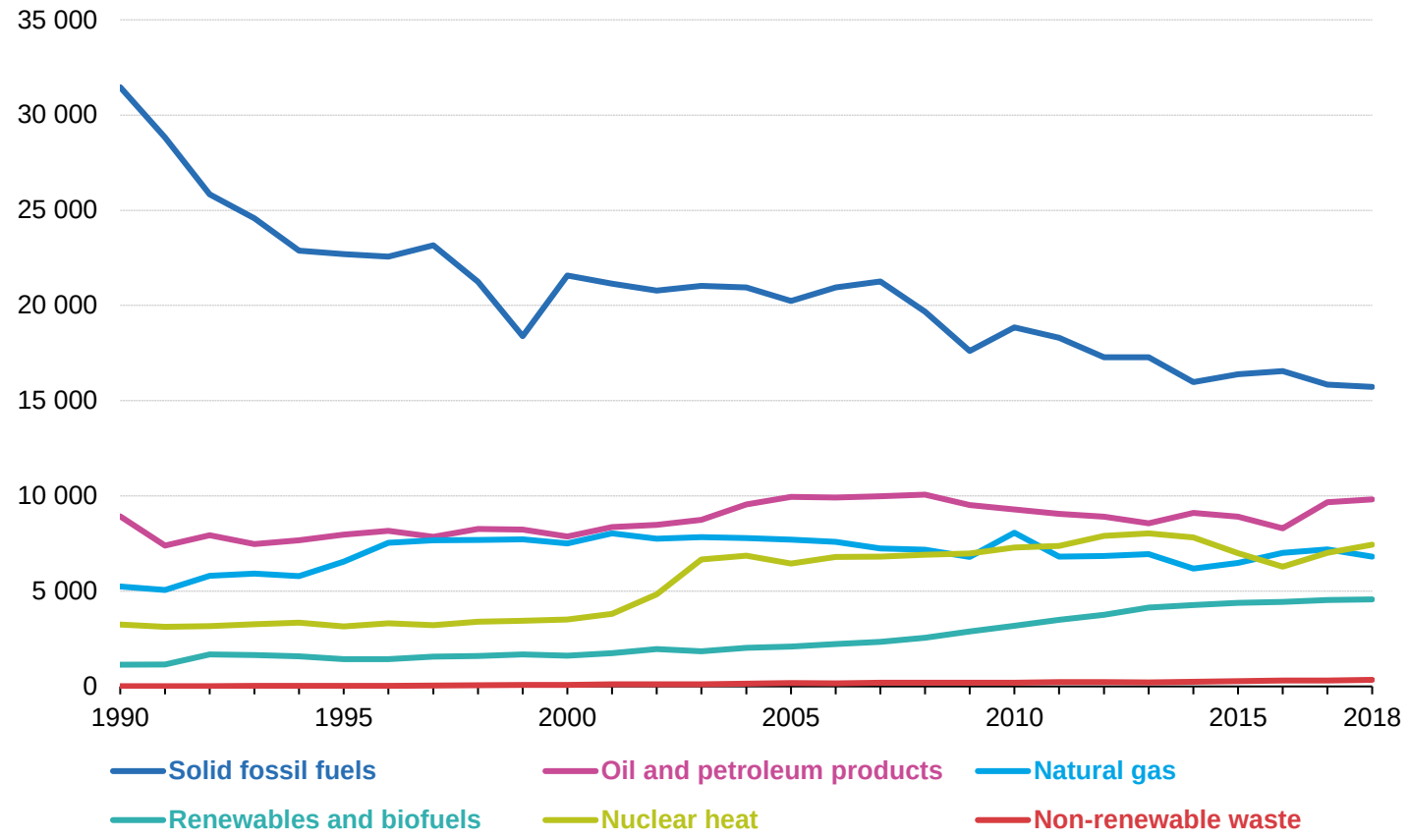
Czechia	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	45 599	43 787	43 470	43 724	42 205	42 367	41 966	43 465	43 552
Solid fossil fuels	18 847	18 301	17 283	17 276	15 972	16 395	16 554	15 838	15 726
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	8 124	7 362	7 512	6 880	7 700	7 412	5 588	8 103	7 791
Petroleum products	9 296	9 054	8 917	8 566	9 104	8 905	8 308	9 672	9 815
Natural gas	8 070	6 809	6 856	6 946	6 182	6 483	7 016	7 201	6 819
Nuclear heat	7 293	7 369	7 901	8 036	7 821	6 994	6 282	7 017	7 449
Renewable energies	3 178	3 498	3 758	4 132	4 270	4 387	4 436	4 542	4 570
Non-renewable wastes	201	220	225	216	251	277	304	306	346
Primary production	31 995	32 549	32 596	30 592	29 691	28 868	27 339	27 364	27 346
Solid fossil fuels	20 730	20 896	20 142	17 674	16 848	16 795	15 973	15 165	14 581
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	269	334	314	256	260	206	185	208	196
Natural gas	202	189	214	206	212	205	180	188	180
Nuclear heat	7 293	7 369	7 901	8 036	7 821	6 994	6 282	7 017	7 449
Renewable energies	3 299	3 538	3 797	4 200	4 292	4 387	4 404	4 469	4 571
Non-renewable wastes	201	220	225	216	251	277	304	306	346
Net imports	11 539	12 576	10 989	11 982	12 699	13 494	13 664	16 152	16 003
Solid fossil fuels	-2 875	-2 068	-2 120	-1 713	-721	-299	-219	475	831
Crude oil	7 805	6 989	7 141	6 610	7 437	7 194	5 364	7 889	7 582
Gas/Diesel Oil (w/o bio)	537	994	740	1 024	943	1 160	2 033	1 205	1 554
Motor Gasoline (w/o bio)	350	335	175	250	8	-55	435	-16	180
Naphtha	45	93	116	145	210	-2	-282	93	46
LPG	-60	-23	10	51	89	38	46	86	101
All other oil & petroleum products	8 975	8 642	8 513	8 264	8 887	8 712	8 079	9 388	9 763
Natural gas	6 846	7 505	6 101	6 961	5 952	6 164	6 715	7 335	6 603
Transformation input	37 442	36 574	36 512	35 534	35 966	34 644	32 366	34 928	34 923
Electricity & heat generation	24 177	24 042	23 929	23 628	22 916	22 216	21 865	21 817	22 036
Refinery intake	8 314	7 562	7 710	7 059	7 927	7 608	5 758	8 319	8 002
Coke ovens	2 320	2 367	2 288	2 304	2 357	2 191	2 073	2 366	2 387
Blast furnaces	1 415	1 406	1 370	1 405	1 474	1 424	1 481	1 316	1 420
Transformation output	23 274	22 352	22 431	21 776	22 377	21 584	19 608	22 633	22 292
Electricity & heat generation	10 936	10 773	10 770	10 753	10 267	10 111	10 211	10 422	10 393
Refinery output	8 326	7 565	7 754	7 105	7 986	7 661	5 716	8 341	8 006
Coke ovens	2 329	2 365	2 275	2 308	2 341	2 168	2 063	2 318	2 344
Blast furnaces	652	637	599	621	626	600	630	561	616
Energy sector	2 606	2 689	2 552	2 512	2 420	2 411	2 303	2 284	2 263
Distribution losses	744	708	687	679	664	693	704	680	674
Available for final consumption	27 767	25 858	25 856	26 492	25 239	25 909	25 884	27 852	27 574
Solid fossil fuels	2 252	1 960	1 791	2 594	1 534	2 014	2 022	2 331	2 220
Manufactured gases	357	357	354	331	342	329	334	303	338
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	3 965	3 991	3 955	3 994	4 177	4 395	4 585	4 735	4 788
Motor Gasoline (w/o bio)	1 868	1 799	1 674	1 570	1 581	1 570	1 617	1 600	1 601
Naphtha	963	886	968	910	1 091	678	185	981	996
LPG	194	201	254	270	357	292	300	451	462
All other oil & petroleum products	8 706	8 457	8 396	8 143	8 660	8 430	7 784	9 122	9 218
Natural gas	6 640	5 456	5 484	5 460	4 901	5 120	5 384	5 618	5 255
Primary solid biofuels & charcoal	1 932	1 959	2 051	2 151	2 196	2 251	2 278	2 275	2 324
Liquid biofuels	231	300	275	280	318	296	301	314	309
All other renewable energies	2 294	2 417	2 528	2 683	2 782	2 835	2 908	2 934	2 999
Non-renewable wastes	161	164	169	164	197	222	246	241	285
Electricity	4 828	4 765	4 808	4 786	4 791	4 880	4 986	5 090	5 121
Heat	2 529	2 282	2 325	2 332	2 031	2 080	2 219	2 212	2 136
Statistical difference	770	-163	-255	678	-133	311	408	462	434
Final non-energy consumption	2 876	2 685	2 789	2 687	2 931	2 502	1 783	2 950	2 960
Final energy consumption	24 121	23 336	23 323	23 128	22 441	23 096	23 693	24 440	24 180
Industry	6 889	6 771	6 722	6 422	6 326	6 472	6 408	6 727	6 686
Transport	5 916	5 936	5 789	5 739	5 949	6 195	6 417	6 617	6 660
Other sectors	11 316	10 629	10 812	10 967	10 167	10 429	10 868	11 096	10 834
Services	3 249	3 133	3 040	3 010	2 923	2 978	3 092	3 181	3 128
Households	7 441	6 864	7 116	7 270	6 556	6 771	7 092	7 205	7 045

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	45 549	43 726	43 397	43 637	42 104	42 255	41 830	43 307	43 356
Primary energy consumption	42 673	41 041	40 608	40 951	39 173	39 753	40 047	40 357	40 396
Final energy consumption	25 253	24 456	24 414	24 213	23 581	24 197	24 824	25 498	25 319

Source: Eurostat (nrg_bal_c)

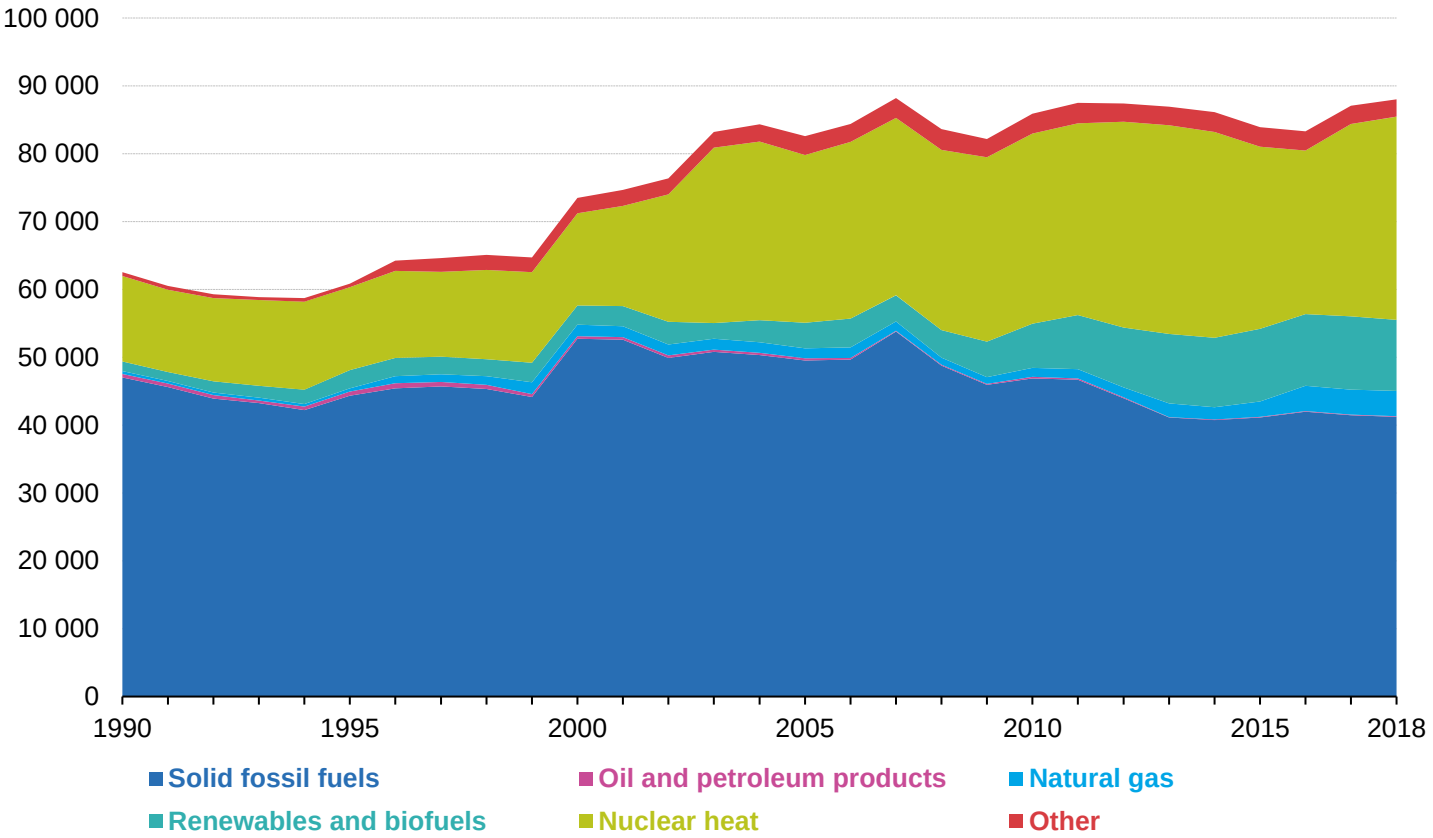
Czechia

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

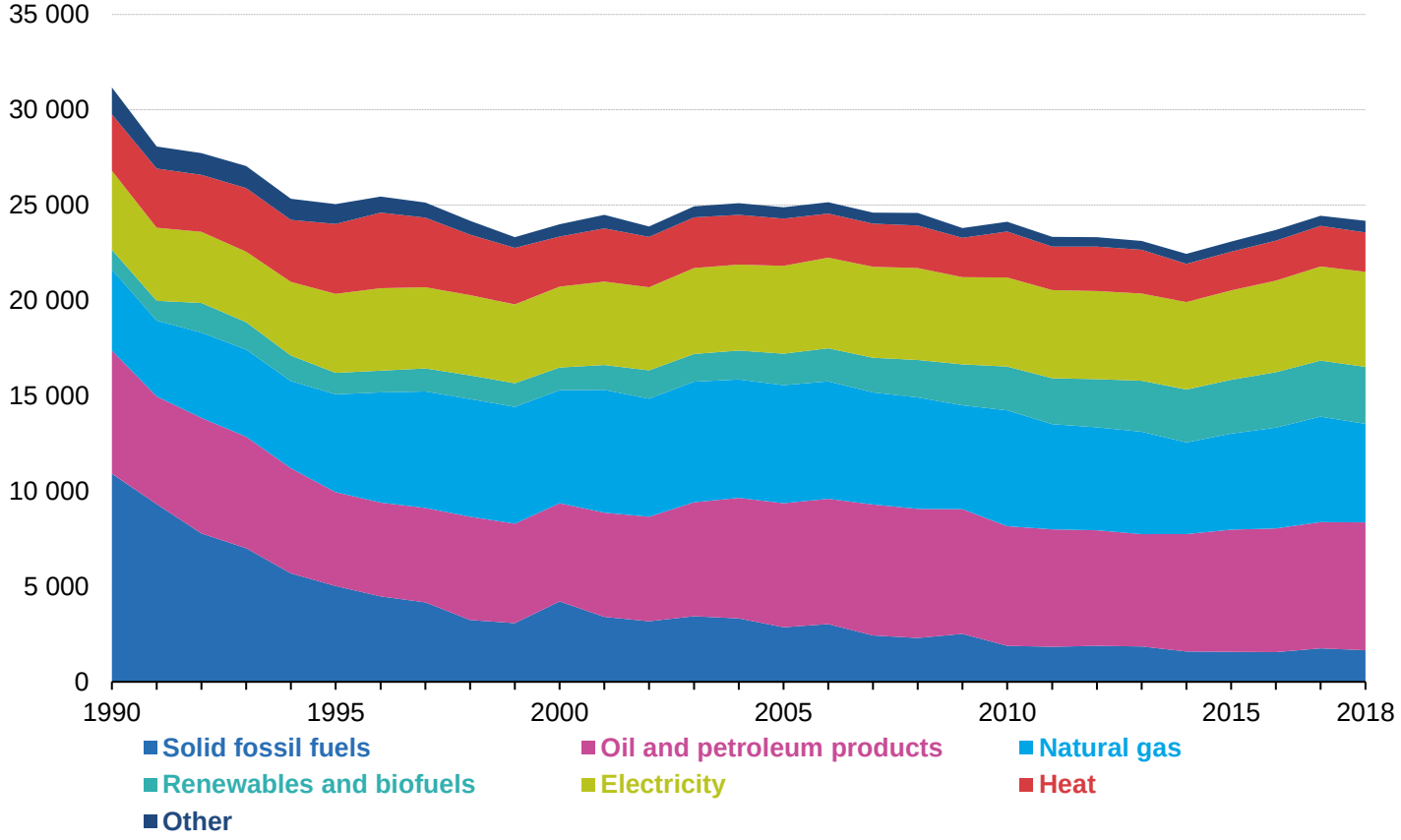


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

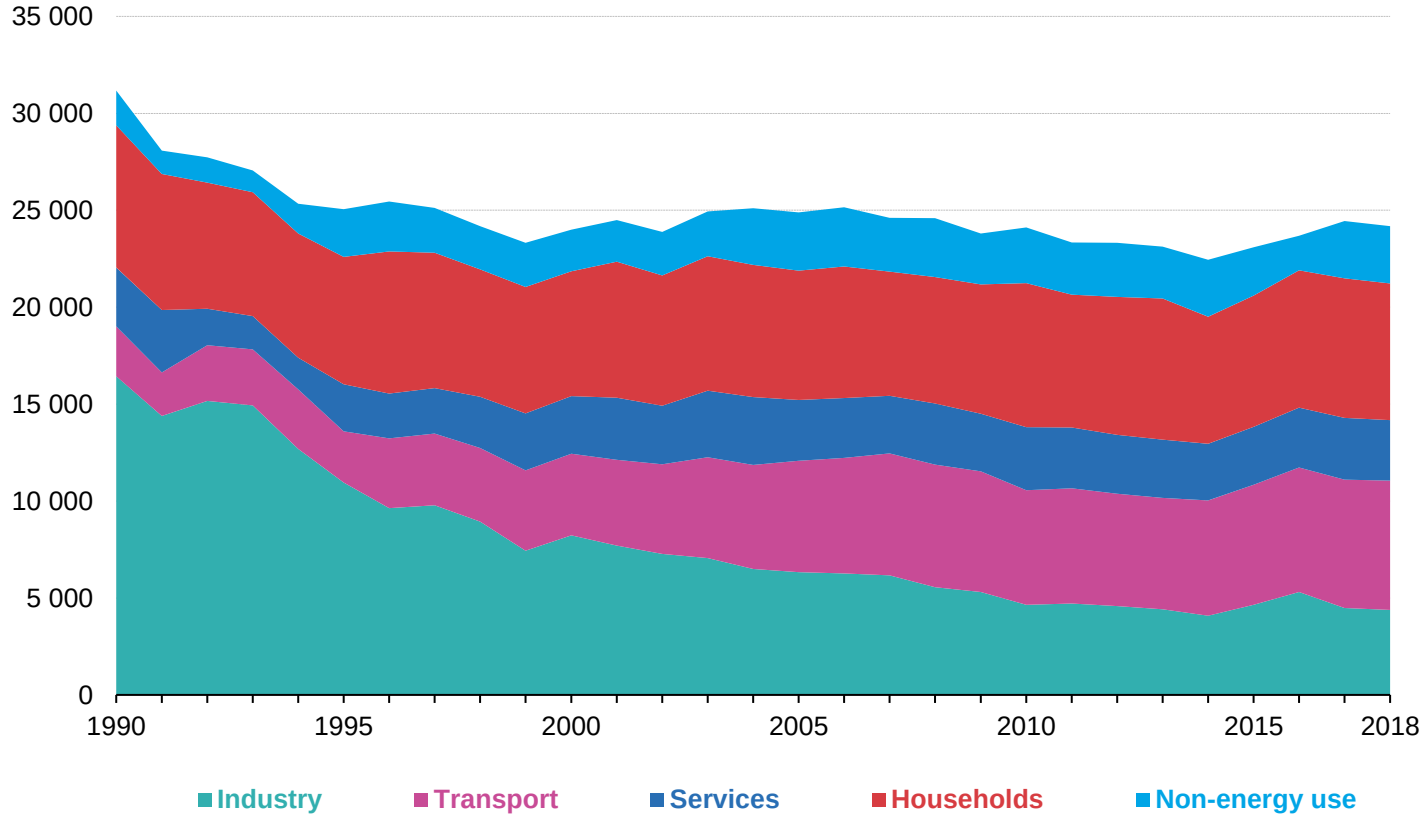
Czechia

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Czechia

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	86 913	86 148	83 892	83 309	87 050	88 032	86 988 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	5 266	5 120	5 653	5 707	4 463	3 471	2 149 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	35 846	35 599	35 474	36 250	36 972	37 720	35 172 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	1	8	14	17	8	11	15 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	41 113	40 727	41 141	41 974	41 444	41 201	37 336 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	2 025	1 806	2 264	3 710	3 679	3 750	5 778 P
Coke oven gas	235	260	215	173	269	240	212 P
Gas works gas	1 874	2 000	1 997	1 996	1 775	1 633	1 489 P
Blast furnace gas	420	444	403	408	356	395	323 P
Other recovered gases	69	100	81	90	82	102	89 P
Sub-total	4 623	4 610	4 960	6 377	6 161	6 120	7 892 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	27	44	31	30	45	52	58 P
Liquefied petroleum gases	12	17	15	16	19	20	21 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	1	6	10	3	16	17	18 P
Fuel oil	39	38	38	43	39	19	21 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	79	105	94	92	119	108	116 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	3 639	2 961	3 071	3 202	3 040	2 679	3 175 P
Geothermal	0	0	0	0	0	0	0 P
Wind	481	477	573	497	591	609	700 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	2 033	2 123	2 264	2 131	2 193	2 359	2 286 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	1 683	1 992	2 092	2 067	2 213	2 121	2 399 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	2 294	2 583	2 611	2 590	2 639	2 607	2 527 P
Renewable municipal waste	84	88	87	99	114	100	105 P
Sub-total	10 214	10 224	10 698	10 586	10 791	10 476	11 191 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	9	10	20	15	16	14	14 P
Non-renewable municipal waste	55	59	58	65	76	67	70 P
Sub-total	64	69	78	80	92	81	84 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	30 745	30 325	26 841	24 104	28 340	29 921	30 246 P
Heat from chemical sources	0	9	1	18	18	36	36 P
Other fuels not elsewhere specified	75	79	79	78	85	89	86 P
Sub-total	30 820	30 413	26 921	24 200	28 443	30 046	30 369 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	156	107	56	94	58	62	67 P
Coking coal	3 401	3 853	3 704	3 117	3 421	3 388	3 198 P
Other bituminous coal	4 323	3 706	4 121	4 677	3 659	3 107	1 971 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	39 967	38 392	37 838	38 216	38 661	38 794	36 367 P
Coke oven coke	2 450	2 336	2 236	2 162	2 066	2 200	1 966 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	205	188	185	197	246	253	208 P
Coal tar	491	495	517	526	463	456	442 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	323 147	287 592	301 578	326 399	334 990	317 225	332 999 P
Coke oven gas	20 526	20 560	18 946	17 859	20 320	20 673	18 950 P
Gas works gas	16 457	17 246	17 024	16 933	15 177	13 932	14 402 P
Blast furnace gas	20 651	20 823	19 473	20 643	18 064	19 796	17 571 P
Other recovered gases	5 335	5 403	5 653	5 725	5 442	5 982	4 092 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	6 588	7 394	7 157	5 362	7 848	7 462	7 742 P
Refinery intake	7 001	7 842	7 535	5 710	8 238	7 864	8 161 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	3 335	3 370	3 900	4 848	3 834	4 391	4 046 P
Export	1 759	2 012	2 465	2 225	2 430	2 265	2 279 P
Total refinery output	6 969	7 822	7 508	5 604	8 183	7 848	8 089 P
Gas oil and diesel oil	2 896	3 268	3 174	2 498	3 403	3 276	3 409 P
Motor gasoline	1 252	1 454	1 533	1 179	1 521	1 398	1 483 P
Fuel oil	148	125	169	104	169	137	139 P
Naphtha	737	847	657	394	840	930	911 P
Kerosene-type jet fuel	111	160	186	60	180	181	216 P
All other oil products	1 825	1 968	1 789	1 369	2 070	1 926	1 931 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	110 949	115 683	120 319	121 665	124 001	124 801	129 000 E
Charcoal [kt]	0	0	0	0	0	0	0 E
Biogases [TJ]	23 910	25 457	25 681	25 161	25 444	25 279	25 190 E
Pure biogasoline [kt]	89	122	120	86	117	121	141 P
Pure biodiesels [kt]	228	300	277	259	276	229	239 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	3 472	3 453	3 342	3 581	3 853	3 669	3 675 E
Non-renewable municipal waste	2 314	2 302	2 228	2 387	2 569	2 446	2 450 E
Industrial waste (non-renewable)	6 742	8 194	9 382	10 361	10 228	12 061	12 000 E

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	630	691	742	787	827	870	920 P
Ambinet heat (heat pumps)	3 447	3 956	4 522	5 256	6 151	7 235	8 510 E

Source: Eurostat (nrg_cb_rw)

Denmark ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	14 022.9	0.0	Z	0.0	0.0	5 819.0	3 703.8	4 139.4	360.7	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	16 271.8	1 763.9	0.0	0.0	0.0	10 954.9	346.9	1 806.8	52.4	Z	2.7	1 344.2
- Exports	11 802.1	10.8	0.0	0.0	0.0	9 468.3	1 377.4	50.5	0.0	Z	0.0	895.0
+ Change in stock	385.4	-35.8	0.0	0.0	0.0	419.6	0.2	1.4	0.0	Z	Z	Z
= Gross available energy	**18 878.1**	**1 717.3**	**0.0**	**0.0**	**0.0**	**7 725.2**	**2 673.4**	**5 897.1**	**413.1**	**0.0**	**2.7**	**449.2**
- International maritime bunkers	592.8	0.0	0.0	0.0	0.0	592.8	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**18 285.2**	**1 717.3**	**0.0**	**0.0**	**0.0**	**7 132.3**	**2 673.4**	**5 897.1**	**413.1**	**0.0**	**2.7**	**449.2**
- International aviation	1 025.7	Z	Z	Z	Z	1 025.7	Z	0.0	Z	Z	Z	Z
= Total energy supply	**17 259.5**	**1 717.3**	**0.0**	**0.0**	**0.0**	**6 106.6**	**2 673.4**	**5 897.1**	**413.1**	**0.0**	**2.7**	**449.2**
Transformation input	**18 705.8**	**1 634.4**	**0.0**	**0.0**	**0.0**	**11 613.2**	**791.6**	**4 251.8**	**389.6**	**0.0**	**0.0**	**25.3**
+ Electricity & heat generation	6 800.3	1 634.4	0.0	0.0	0.0	90.2	791.6	3 869.2	389.6	0.0	0.0	25.3
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	11 523.0	Z	Z	Z	Z	11 523.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	168.6	Z	0.0	Z	Z	0.0	Z	168.6	Z	Z	Z	Z
+ Liquid biofuels blended	213.9	Z	Z	Z	Z	Z	Z	213.9	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**17 695.2**	**0.0**	**0.0**	**0.0**	**Z**	**11 477.3**	**168.6**	**213.9**	**Z**	**Z**	**3 223.5**	**2 611.9**
+ Electricity & heat generation	5 835.4	Z	Z	Z	Z	Z	Z	Z	Z	Z	3 223.5	2 611.9
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	11 477.3	Z	Z	Z	Z	11 477.3	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	168.6	Z	Z	Z	Z	Z	168.6	Z	Z	Z	Z	Z
+ Liquid biofuels blended	213.9	Z	Z	Z	Z	Z	Z	213.9	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**1 056.9**	**0.0**	**0.0**	**0.0**	**0.0**	**345.4**	**501.3**	**2.8**	**0.0**	**Z**	**35.2**	**172.2**
+ Own use in electricity & heat genera	111.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	20.6	90.7
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	501.3	Z	Z	Z	Z	0.0	501.3	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	2.8	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	386.1	0.0	0.0	0.0	0.0	345.4	0.0	0.0	0.0	Z	14.6	26.1
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	55.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	55.5
Distribution losses	**833.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**3.2**	**0.0**	**0.0**	**Z**	**641.0**	**189.4**
Available for final consumption	**14 358.3**	**82.9**	**0.0**	**0.0**	**0.0**	**5 625.3**	**1 546.0**	**1 856.4**	**23.6**	**0.0**	**2 550.0**	**2 674.2**
Final non-energy consumption	**244.2**	**0.0**	**0.0**	**0.0**	**0.0**	**244.2**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**14 069.8**	**133.6**	**0.0**	**0.0**	**0.0**	**5 276.5**	**1 567.3**	**1 846.6**	**23.6**	**Z**	**2 549.5**	**2 672.8**
+ Industry	2 341.9	125.0	0.0	0.0	0.0	407.4	715.7	262.9	16.0	Z	77.8	737.2
+ Iron & steel	90.1	0.0	0.0	0.0	0.0	2.8	47.0	0.0	0.0	Z	4.0	36.3
+ Chemical & petrochemical	302.0	13.7	0.0	0.0	0.0	6.2	122.6	13.0	0.0	Z	14.6	131.9
+ Non-ferrous metals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Non-metallic minerals	491.0	71.0	0.0	0.0	0.0	184.3	122.1	21.5	15.7	Z	7.6	68.8
+ Transport equipment	14.0	0.0	0.0	0.0	0.0	0.9	4.4	0.3	0.0	Z	0.8	7.6
+ Machinery	212.6	0.0	0.0	0.0	0.0	15.4	54.0	15.0	0.3	Z	12.8	115.1
+ Mining & quarrying	85.0	3.1	0.0	0.0	0.0	18.8	21.5	32.8	0.0	Z	0.9	7.9
+ Food, beverages & tobacco	599.8	37.1	0.0	0.0	0.0	36.6	287.2	8.8	0.0	Z	22.9	207.1
+ Paper, pulp & printing	68.5	0.0	0.0	0.0	0.0	2.9	25.6	9.4	0.1	Z	3.0	27.4
+ Wood & wood products	114.3	0.0	0.0	0.0	0.0	2.5	2.3	89.2	0.0	Z	2.0	18.2
+ Construction	175.6	0.0	0.0	0.0	0.0	133.2	7.2	0.0	0.0	Z	0.0	35.2
+ Textile & leather	17.0	0.0	0.0	0.0	0.0	0.2	5.5	0.7	0.0	Z	1.1	9.6
+ Not elsewhere specified (industry)	121.1	0.0	0.0	0.0	0.0	3.7	16.3	21.1	0.0	Z	8.0	72.0
+ Transport	4 422.5	0.0	0.0	0.0	0.0	4 166.1	7.9	213.9	0.0	Z	Z	34.7
+ Rail	107.0	0.0	0.0	0.0	0.0	72.3	Z	0.0	0.0	Z	Z	34.7
+ Road	4 095.9	Z	Z	Z	Z	3 874.1	7.9	213.9	0.0	Z	Z	0.0
+ Domestic aviation	28.7	Z	Z	Z	Z	28.7	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	152.6	0.0	0.0	0.0	0.0	152.6	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	38.3	0.0	0.0	0.0	0.0	38.3	0.0	0.0	0.0	Z	Z	0.0
+ Other	7 305.3	8.6	0.0	0.0	0.0	702.9	843.7	1 369.9	7.5	Z	2 471.7	1 900.9
+ Commercial & public services	1 997.1	0.0	0.0	0.0	0.0	61.3	187.2	58.5	7.5	Z	771.7	911.0
+ Households	4 576.5	0.0	0.0	0.0	0.0	221.9	615.1	1 236.9	0.0	Z	1 662.3	840.3
+ Agriculture & forestry	595.6	8.6	0.0	0.0	0.0	308.7	36.5	54.5	0.0	Z	37.7	149.7
+ Fishing	111.1	0.0	0.0	0.0	0.0	111.1	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	25.0	0.0	0.0	0.0	0.0	0.1	4.9	20.0	0.0	Z	0.0	0.0
Statistical differences	**44.3**	**-50.6**	**0.0**	**0.0**	**0.0**	**104.7**	**-21.3**	**9.7**	**0.0**	**0.0**	**0.5**	**1.4**
Gross electricity production	2 611.9	565.0	0.0	0.0	0.0	22.8	178.2	1 785.5	60.5	0.0	Z	Z
Gross heat production	3 123.9	394.3	0.0	0.0	0.0	30.8	525.9	1 847.1	303.3	0.0	Z	22.5

Source: Eurostat (nrg_bal_c)

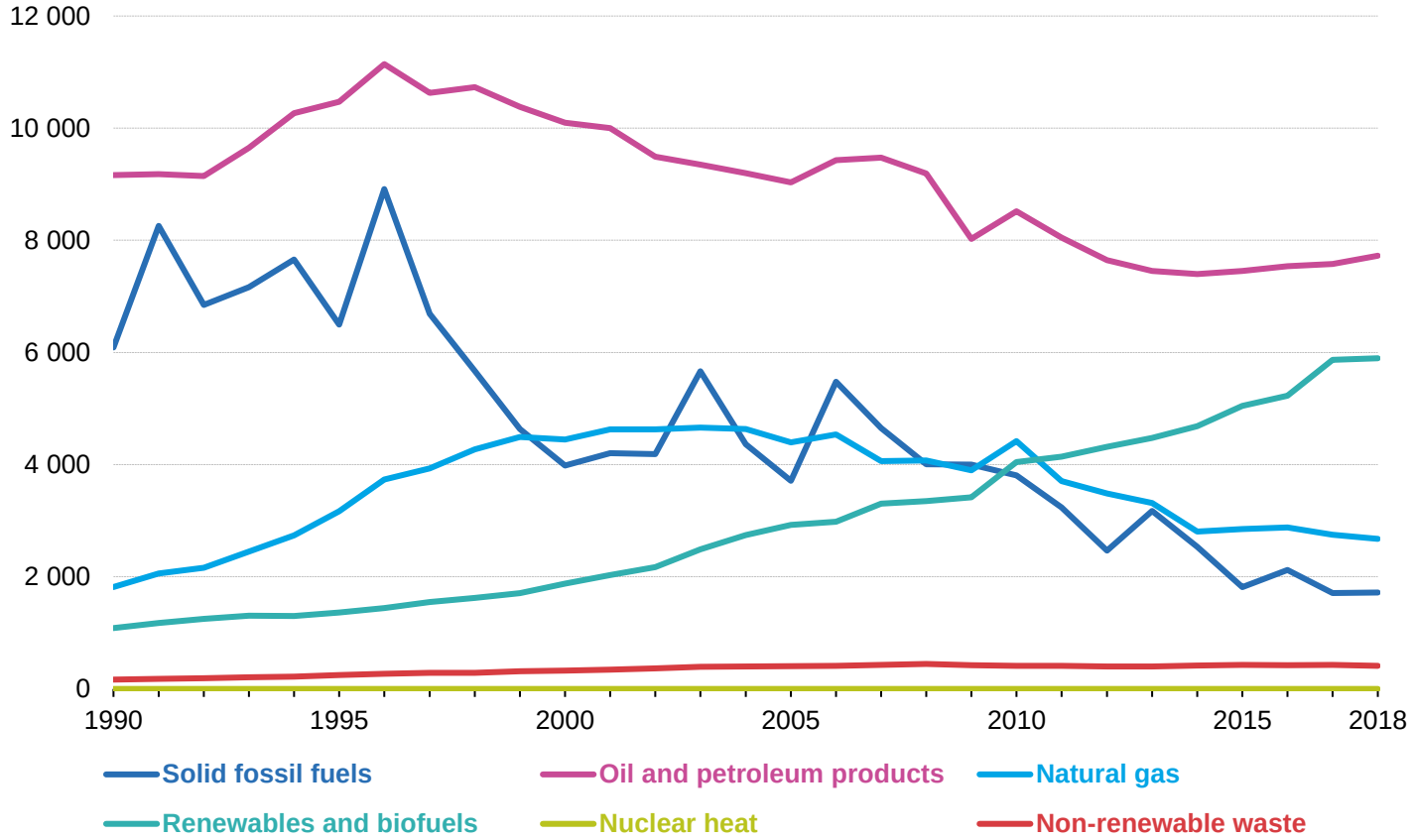
Denmark	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	21 109	19 661	18 768	18 918	18 089	18 112	18 627	18 726	18 878
Solid fossil fuels	3 809	3 234	2 468	3 174	2 534	1 818	2 120	1 710	1 717
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	7 336	6 689	7 573	7 207	6 808	7 273	6 735	7 316	7 109
Petroleum products	8 517	8 046	7 648	7 454	7 398	7 455	7 538	7 581	7 725
Natural gas	4 422	3 709	3 484	3 316	2 804	2 852	2 878	2 747	2 673
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	4 046	4 142	4 315	4 475	4 688	5 048	5 228	5 867	5 897
Non-renewable wastes	410	413	401	403	416	427	425	426	413
Primary production	23 409	20 673	18 893	16 804	16 242	16 234	15 333	15 745	14 023
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	12 486	11 237	10 250	8 918	8 351	7 898	7 112	6 919	5 819
Natural gas	7 343	5 890	5 159	4 282	4 138	4 144	4 054	4 350	3 704
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	3 170	3 133	3 101	3 229	3 374	3 818	3 799	4 093	4 139
Non-renewable wastes	410	413	383	375	379	374	368	383	361
Net imports	-3 370	-1 166	-522	2 328	2 208	2 362	2 654	2 307	4 470
Solid fossil fuels	2 643	3 589	2 311	2 880	2 658	1 545	1 794	1 982	1 753
Crude oil	-5 125	-4 370	-2 405	-1 535	-1 377	-369	-43	745	1 957
Gas/Diesel Oil (w/o bio)	1 232	1 050	498	729	982	1 166	987	420	727
Motor Gasoline (w/o bio)	-216	-363	-634	-752	-599	-699	-620	-870	-792
Naphtha	-40	0	0	0	0	0	0	0	0
LPG	-113	-94	-123	-62	-91	-76	-51	-55	-73
All other oil & petroleum products	-3 772	-3 865	-2 673	-1 153	-731	399	233	-356	1 487
Natural gas	-3 022	-2 044	-1 851	-770	-1 314	-1 376	-1 285	-1 543	-1 031
Transformation input	16 606	15 125	15 215	18 368	18 242	17 830	19 165	17 916	18 706
Electricity & heat generation	9 108	7 924	7 163	7 799	6 994	6 401	6 979	6 861	6 800
Refinery intake	7 442	7 001	7 841	8 866	9 074	9 362	9 373	9 025	9 388
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	14 172	13 147	13 737	16 607	16 732	16 823	17 990	16 943	17 695
Electricity & heat generation	6 934	6 192	5 886	6 214	5 704	5 594	5 849	5 910	5 835
Refinery output	7 181	6 753	7 640	8 680	8 828	9 151	9 304	8 982	9 309
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	1 215	1 184	1 194	1 179	1 122	1 144	1 096	1 140	1 057
Distribution losses	942	823	835	808	755	774	806	793	834
Available for final consumption	15 015	14 143	13 904	13 708	13 060	13 534	13 930	14 306	14 358
Solid fossil fuels	37	126	34	64	93	109	-19	110	83
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	3 947	3 800	3 702	3 503	3 470	3 546	3 649	3 709	3 835
Motor Gasoline (w/o bio)	1 694	1 588	1 488	1 374	1 346	1 352	1 361	1 335	1 346
Naphtha	1	0	0	0	0	0	0	0	0
LPG	55	48	58	47	41	49	53	58	59
All other oil & petroleum products	6 154	5 756	5 575	5 316	5 093	5 133	5 444	5 594	5 625
Natural gas	1 752	1 568	1 566	1 597	1 411	1 467	1 507	1 531	1 546
Primary solid biofuels & charcoal	1 229	1 112	1 041	1 052	1 018	1 233	1 253	1 305	1 335
Liquid biofuels	28	124	204	210	227	218	220	213	217
All other renewable energies	1 448	1 438	1 454	1 486	1 476	1 692	1 750	1 790	1 856
Non-renewable wastes	22	24	21	21	24	19	21	23	24
Electricity	2 762	2 724	2 682	2 675	2 647	2 651	2 675	2 692	2 674
Heat	2 840	2 507	2 573	2 548	2 315	2 464	2 552	2 567	2 550
Statistical difference	-94	-265	20	-29	-122	-223	-171	60	44
Final non-energy consumption	263	295	274	278	252	251	251	247	244
Final energy consumption	14 847	14 113	13 610	13 458	12 929	13 506	13 850	13 999	14 070
Industry	2 446	2 442	2 303	2 179	2 120	2 184	2 229	2 329	2 342
Transport	4 369	4 376	4 079	4 020	4 051	4 196	4 285	4 362	4 423
Other sectors	8 031	7 295	7 227	7 259	6 757	7 127	7 336	7 309	7 305
Services	2 128	1 948	1 979	1 964	1 847	1 898	1 953	2 006	1 997
Households	5 005	4 496	4 444	4 484	4 146	4 448	4 607	4 559	4 577

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	20 283	18 817	18 095	18 121	17 175	17 150	17 742	17 972	18 034
Primary energy consumption	20 020	18 521	17 821	17 842	16 922	16 898	17 491	17 725	17 789
Final energy consumption	15 522	14 802	14 294	14 125	13 658	14 198	14 588	14 762	14 851

Source: Eurostat (nrg_bal_c)

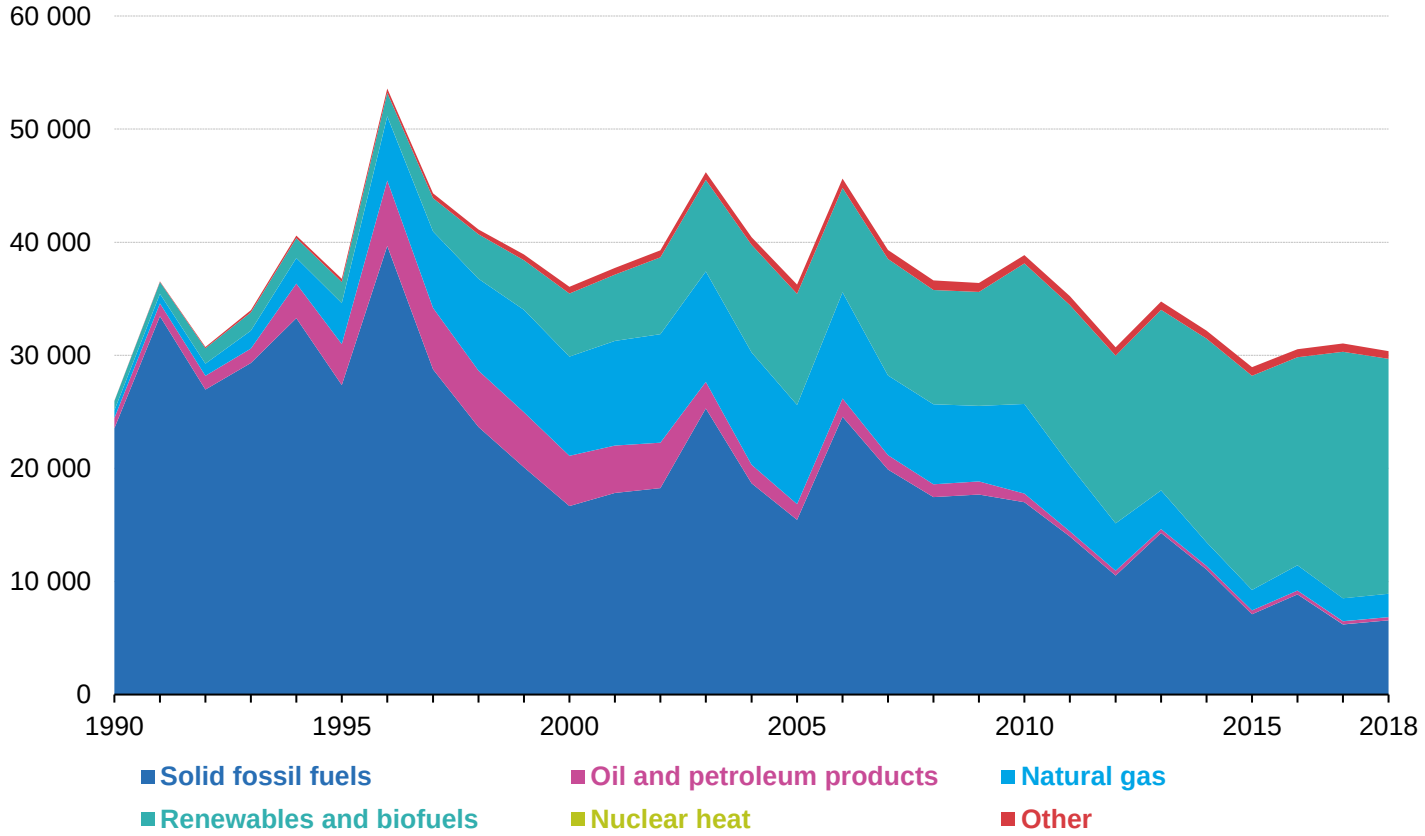
Denmark

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

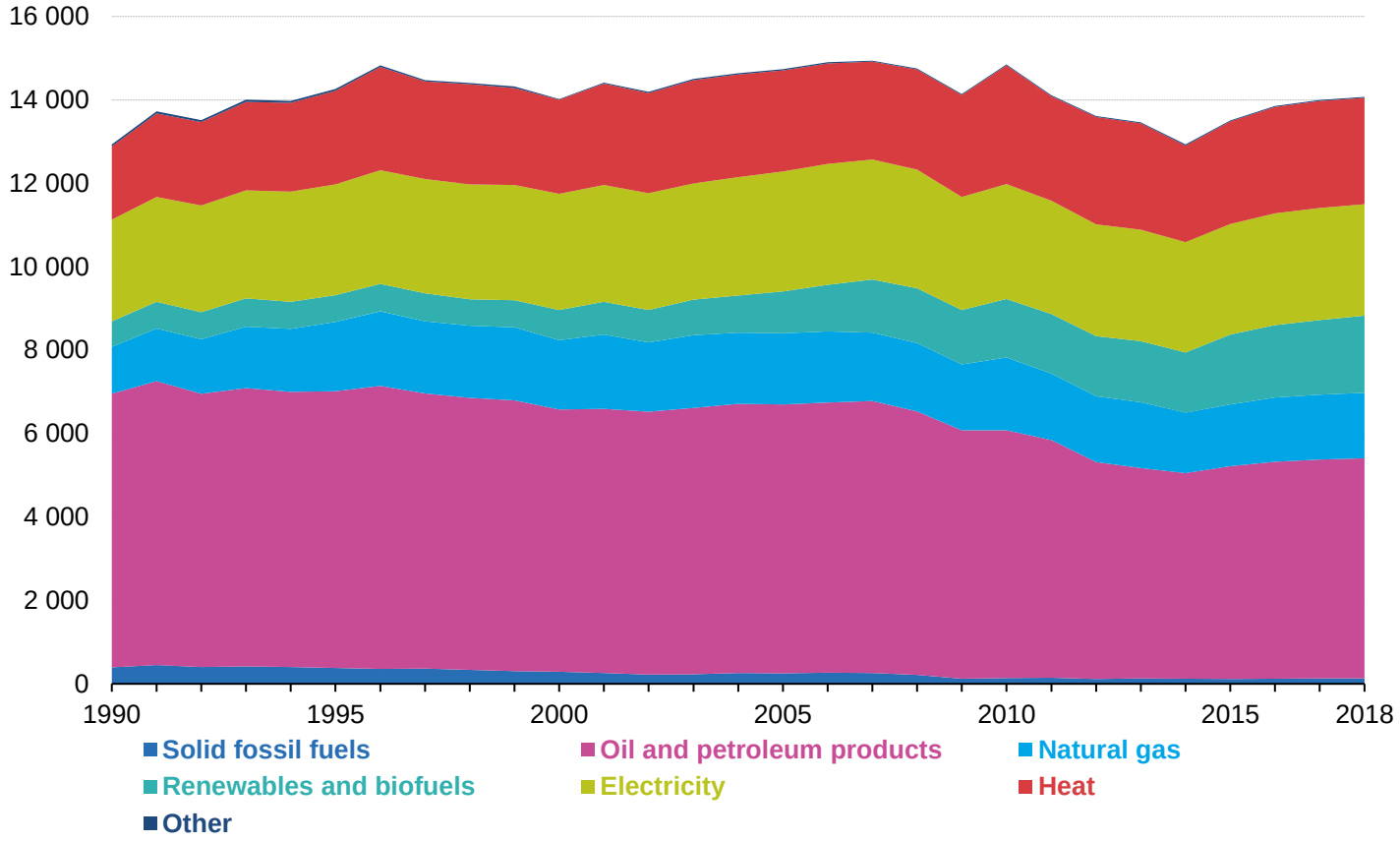


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

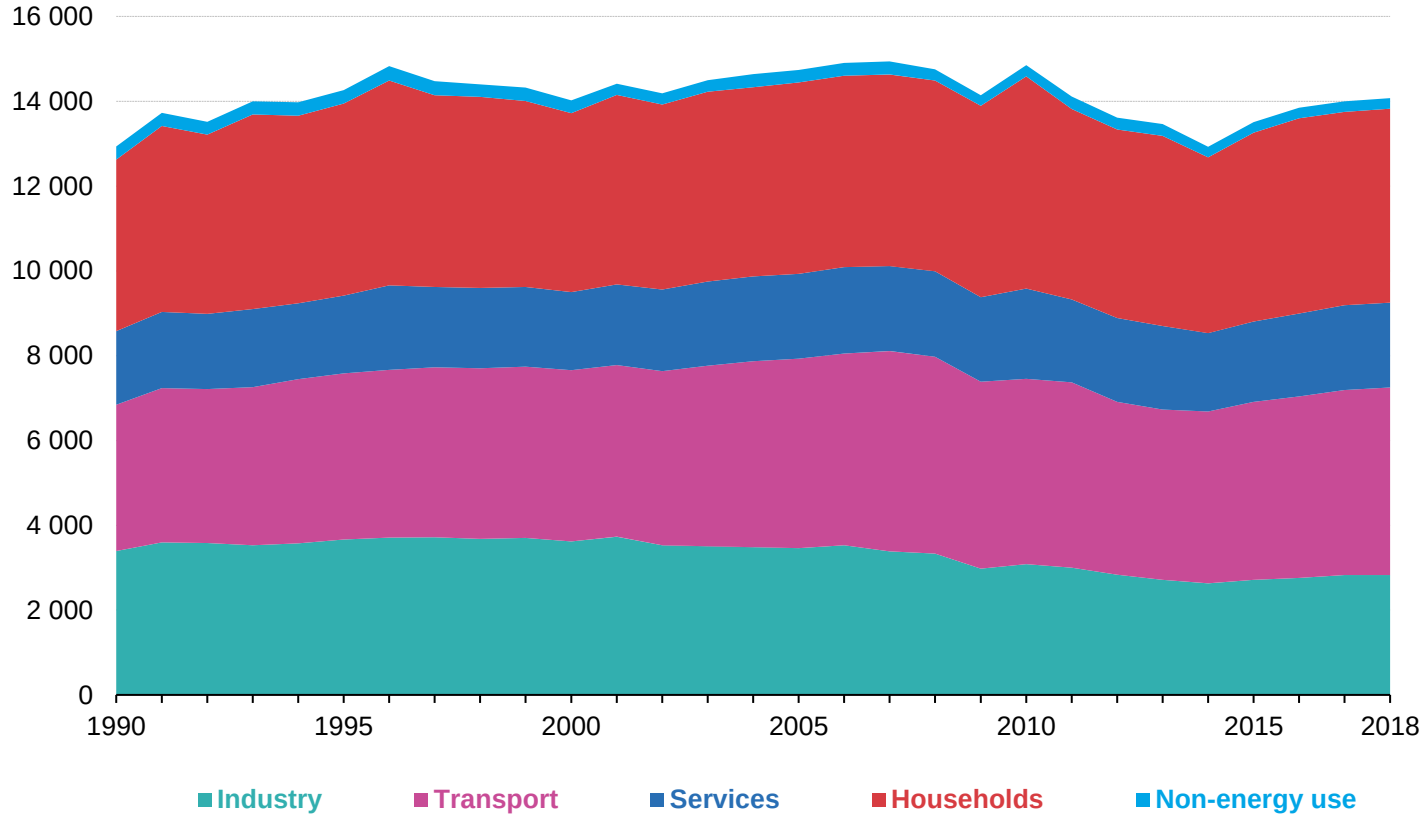
Denmark

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	34 742	32 184	28 941	30 538	31 042	30 377	29 278 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	14 292	11 064	7 110	8 865	6 209	6 570	3 246 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	14 292	11 064	7 110	8 865	6 209	6 570	3 246 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	3 417	2 096	1 824	2 255	2 017	2 072	1 852 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	3 417	2 096	1 824	2 255	2 017	2 072	1 852 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	129	151	152	151	135	146	140 P
Liquefied petroleum gases	1	1	1	2	1	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	52	28	19	16	21	22	27 P
Fuel oil	169	136	146	155	124	97	70 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	351	316	318	324	280	265	237 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	13	15	18	19	18	15	16 P
Geothermal	0	0	0	0	0	0	0 P
Wind	11 123	13 079	14 133	12 782	14 780	13 899	16 150 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	518	596	604	744	751	953	963 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	3 056	2 959	2 796	3 483	4 797	4 418	4 264 P
Liquid biofuels	1	0	6	3	1	1	0 P
Biogases	382	451	461	498	582	620	829 P
Renewable municipal waste	874	885	919	861	884	860	946 P
Sub-total	15 967	17 984	18 937	18 390	21 813	20 766	23 169 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	715	724	752	704	723	704	774 P
Sub-total	715	724	752	704	723	704	774 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	5 402	4 271	3 137	3 387	2 651	2 685	1 575 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	19	20	17	12	12	13	10 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	1	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	154 259	130 815	133 817	137 339	133 504	132 213	125 922 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	5 031	3 974	4 277	3 835	4 907	4 775	5 123 P
Refinery intake	8 486	8 566	8 883	9 045	8 792	9 038	8 622 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	7 255	7 918	9 625	9 295	5 590	6 064	7 084 P
Export	6 626	6 918	8 626	8 598	6 291	5 893	6 157 P
Total refinery output	8 459	8 624	8 922	9 091	8 759	9 095	8 653 P
Gas oil and diesel oil	4 128	4 128	4 300	4 703	4 346	4 496	4 239 P
Motor gasoline	2 267	2 106	2 335	2 098	2 241	2 189	2 217 P
Fuel oil	1 515	1 836	1 702	1 771	1 626	1 870	1 591 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	148	137	144	130	122	113	122 P
All other oil products	401	417	442	389	424	427	484 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	102 575	101 085	110 558	118 678	135 971	136 096	140 224 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	4 588	5 561	6 285	9 048	11 053	13 414	16 306 P
Pure biogasoline [kt]	70	69	68	69	69	69	51 P
Pure biodiesels [kt]	186	205	197	197	189	193	268 P
Other liquid biofuels [kt]	22	21	15	7	5	6	7 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	20 602	21 294	21 830	21 727	21 809	21 141	21 786 P
Non-renewable municipal waste	16 857	17 422	17 861	17 777	17 843	17 297	17 825 P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	229	166	140	225	152	110	68 P
Solar thermal	1 027	1 300	1 538	1 980	2 363	2 764	2 957 P
Ambinet heat (heat pumps)	6 959	7 294	8 083	8 959	9 211	10 539	12 286 P

Source: Eurostat (nrg_cb_rw)

Germany ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	112 856.4	37 859.2	Z	0.0	0.0	3 491.2	4 714.7	43 002.6	4 217.6	19 571.0	0.0	Z
+ Recovered & recycled products	475.0	0.0	Z	0.0	0.0	475.0	Z	0.0	Z	Z	Z	Z
+ Imports	234 272.0	30 865.0	0.0	0.0	0.0	127 551.2	70 531.6	2 596.2	0.0	Z	0.0	2 728.0
- Exports	33 302.0	1 493.0	0.0	0.0	0.0	22 337.7	0.0	2 552.7	0.0	Z	0.0	6 918.6
+ Change in stock	1 822.5	2 507.4	0.0	0.0	0.0	1 009.1	-1 694.1	0.0	0.0	Z	Z	Z
= Gross available energy	**316 123.9**	**69 738.6**	**0.0**	**0.0**	**0.0**	**110 188.9**	**73 552.2**	**43 046.2**	**4 217.6**	**19 571.0**	**0.0**	**-4 190.5**
- International maritime bunkers	1 698.6	0.0	0.0	0.0	0.0	1 698.6	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**314 425.3**	**69 738.6**	**0.0**	**0.0**	**0.0**	**108 490.2**	**73 552.2**	**43 046.2**	**4 217.6**	**19 571.0**	**0.0**	**-4 190.5**
- International aviation	9 824.9	Z	Z	Z	Z	9 824.9	Z	0.0	Z	Z	Z	Z
= Total energy supply	**304 600.3**	**69 738.6**	**0.0**	**0.0**	**0.0**	**98 665.3**	**73 552.2**	**43 046.2**	**4 217.6**	**19 571.0**	**0.0**	**-4 190.5**
Transformation input	**269 115.4**	**73 294.2**	**2 432.8**	**0.0**	**0.0**	**123 248.0**	**17 298.7**	**29 589.3**	**2 955.2**	**19 571.0**	**0.0**	**726.1**
+ Electricity & heat generation	121 599.5	50 821.0	2 432.8	0.0	0.0	1 126.8	17 298.7	26 667.9	2 955.2	19 571.0	0.0	726.1
+ Coke ovens	8 934.7	8 640.5	0.0	0.0	0.0	294.3	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	10 265.0	10 221.6	0.0	0.0	0.0	43.4	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	121 783.6	Z	Z	Z	Z	121 783.6	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	3 611.1	3 611.1	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	2 888.3	Z	Z	Z	Z	Z	Z	2 888.3	Z	Z	Z	Z
+ Charcoal production plants	33.1	Z	Z	Z	Z	Z	Z	33.1	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**204 197.4**	**9 763.2**	**5 829.4**	**0.0**	**Z**	**119 228.7**	**0.0**	**2 913.5**	**Z**	**Z**	**11 160.7**	**55 301.8**
+ Electricity & heat generation	66 462.5	Z	Z	Z	Z	Z	Z	Z	Z	Z	11 160.7	55 301.8
+ Coke ovens	7 795.3	6 405.7	1 389.6	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	4 439.8	0.0	4 439.8	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	119 228.7	Z	Z	Z	Z	119 228.7	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	3 357.6	3 357.6	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	2 888.3	Z	Z	Z	Z	Z	Z	2 888.3	Z	Z	Z	Z
+ Charcoal production plants	25.2	Z	Z	Z	Z	Z	Z	25.2	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**12 057.1**	**181.5**	**627.8**	**0.0**	**0.0**	**4 817.4**	**1 557.4**	**502.5**	**17.7**	**Z**	**364.6**	**3 988.3**
+ Own use in electricity & heat genera	2 920.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	2 920.8
+ Coal mines	66.6	0.0	0.0	0.0	0.0	3.1	12.8	0.0	0.0	Z	1.8	48.8
+ Oil & natural gas extraction plants	215.7	Z	Z	Z	Z	0.0	168.4	0.0	Z	Z	0.7	46.5
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	673.0	0.0	605.8	0.0	0.0	0.0	0.4	10.0	3.9	Z	25.4	27.5
+ BKB & PB plants	849.5	181.5	0.0	0.0	0.0	Z	Z	3.3	0.0	Z	241.7	423.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	6 855.0	0.0	22.0	0.0	0.0	4 809.5	1 375.7	17.4	13.9	Z	94.9	521.7
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	471.3	Z	Z	Z	Z	Z	Z	471.3	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	5.2	0.0	0.0	0.0	0.0	4.8	0.0	0.4	0.0	Z	0.0	0.0
Distribution losses	**3 896.9**	**0.0**	**274.8**	**0.0**	**0.0**	**0.0**	**0.0**	**82.4**	**0.0**	**Z**	**1 247.3**	**2 292.4**
Available for final consumption	**223 728.4**	**6 026.1**	**2 494.1**	**0.0**	**0.0**	**89 828.7**	**54 696.2**	**15 785.6**	**1 244.7**	**0.0**	**9 548.8**	**44 104.4**
Final non-energy consumption	**21 516.9**	**381.8**	**0.0**	**0.0**	**0.0**	**18 127.6**	**3 007.4**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**200 872.4**	**3 758.5**	**2 494.1**	**0.0**	**0.0**	**70 743.7**	**53 196.1**	**15 782.3**	**1 244.7**	**Z**	**9 548.8**	**44 104.4**
+ Industry	57 396.8	3 245.1	2 494.1	0.0	0.0	3 663.2	19 605.6	2 749.4	1 244.7	Z	4 573.0	19 821.8
+ Iron & steel	7 670.6	735.1	2 401.6	0.0	0.0	15.1	2 220.9	0.1	0.0	Z	32.9	2 264.9
+ Chemical & petrochemical	14 684.3	382.6	52.3	0.0	0.0	1 318.9	5 392.1	69.3	190.2	Z	2 673.0	4 605.8
+ Non-ferrous metals	2 322.1	29.1	0.0	0.0	0.0	41.3	862.9	0.4	6.4	Z	24.8	1 357.3
+ Non-metallic minerals	6 887.7	1 322.2	0.0	0.0	0.0	410.0	2 556.8	500.5	904.2	Z	101.9	1 092.1
+ Transport equipment	2 948.6	126.1	32.4	0.0	0.0	41.0	908.8	5.4	0.0	Z	308.9	1 526.0
+ Machinery	5 248.5	12.6	7.3	0.0	0.0	220.3	1 770.3	52.9	6.8	Z	253.2	2 925.2
+ Mining & quarrying	359.3	66.7	0.0	0.0	0.0	28.0	98.7	9.1	0.0	Z	4.3	152.5
+ Food, beverages & tobacco	5 183.0	224.0	0.0	0.0	0.0	155.1	2 825.0	60.9	0.0	Z	287.6	1 630.4
+ Paper, pulp & printing	5 504.0	307.6	0.0	0.0	0.0	45.5	1 880.6	680.5	132.5	Z	664.0	1 793.3
+ Wood & wood products	1 811.1	0.0	0.0	0.0	0.0	17.4	124.9	1 201.1	3.4	Z	63.0	401.4
+ Construction	1 651.4	0.0	0.0	0.0	0.0	1 221.3	0.0	46.5	0.0	Z	0.0	383.5
+ Textile & leather	456.8	5.1	0.0	0.0	0.0	16.4	235.0	1.6	0.0	Z	15.4	183.3
+ Not elsewhere specified (industry)	2 658.8	34.1	0.4	0.0	0.0	132.9	729.6	110.4	1.3	Z	144.1	1 506.0
+ Transport	55 718.8	0.0	0.0	0.0	0.0	51 365.2	613.1	2 701.2	0.0	Z	Z	1 039.3
+ Rail	1 259.0	0.0	0.0	0.0	0.0	226.8	Z	12.4	0.0	Z	Z	1 019.8
+ Road	52 899.6	Z	Z	Z	Z	50 065.8	125.5	2 688.8	0.0	Z	Z	19.5
+ Domestic aviation	651.3	Z	Z	Z	Z	651.3	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	255.6	0.0	0.0	0.0	0.0	255.6	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	487.7	Z	Z	Z	Z	0.0	487.7	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	165.6	0.0	0.0	0.0	0.0	165.6	0.0	0.0	0.0	Z	Z	0.0
+ Other	87 756.8	513.4	0.0	0.0	0.0	15 715.3	32 977.4	10 331.7	0.0	Z	4 975.7	23 243.3
+ Commercial & public services	29 081.1	20.9	0.0	0.0	0.0	3 278.2	10 712.6	1 961.8	0.0	Z	1 319.3	11 788.2
+ Households	55 258.1	492.5	0.0	0.0	0.0	10 224.0	22 264.8	7 597.2	0.0	Z	3 656.5	11 023.2
+ Agriculture & forestry	3 341.6	0.0	0.0	0.0	0.0	2 138.0	0.0	771.6	0.0	Z	0.0	431.9
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	76.0	0.0	0.0	0.0	0.0	75.0	0.0	1.0	0.0	Z	0.0	0.0
Statistical differences	**1 339.2**	**1 885.8**	**0.0**	**0.0**	**0.0**	**957.4**	**-1 507.3**	**3.3**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	55 167.1	19 617.9	930.2	0.0	0.0	445.9	7 173.3	19 857.0	607.6	6 535.3	Z	Z
Gross heat production	11 014.2	3 182.5	34.9	0.0	0.0	108.3	4 882.5	1 816.5	989.5	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

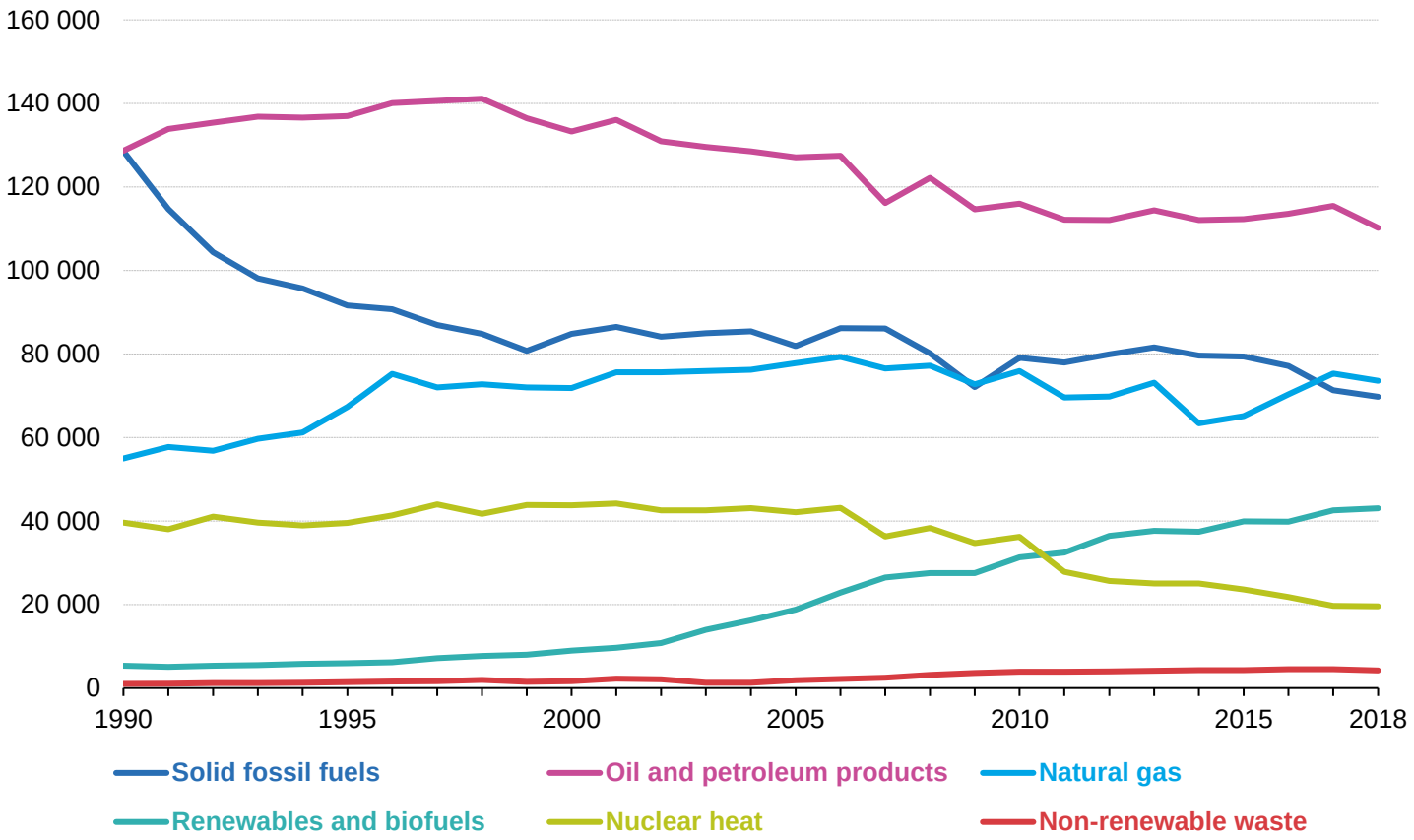
Germany	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	341 024	323 483	326 147	333 068	318 861	320 515	322 846	324 281	316 124
Solid fossil fuels	79 076	77 966	79 919	81 561	79 605	79 415	77 131	71 308	69 739
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	97 747	95 523	97 185	95 521	93 989	96 150	96 899	95 901	90 509
Petroleum products	115 961	112 132	112 094	114 385	112 032	112 284	113 590	115 461	110 189
Natural gas	75 904	69 596	69 819	73 102	63 374	65 154	70 330	75 342	73 552
Nuclear heat	36 201	27 807	25 619	25 052	25 011	23 636	21 795	19 655	19 571
Renewable energies	31 268	32 438	36 453	37 632	37 455	39 929	39 834	42 514	43 046
Non-renewable wastes	3 906	3 874	4 016	4 107	4 302	4 252	4 513	4 514	4 218
Primary production	131 671	125 140	126 408	123 957	121 048	120 546	115 866	115 558	112 856
Solid fossil fuels	45 906	46 697	47 596	45 055	44 133	43 004	39 725	39 442	37 859
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	3 672	3 807	3 736	3 726	3 436	3 540	3 597	3 530	3 491
Natural gas	11 113	10 893	9 569	8 866	6 864	6 335	6 551	6 029	4 715
Nuclear heat	36 201	27 807	25 619	25 052	25 011	23 636	21 795	19 655	19 571
Renewable energies	30 874	32 062	35 872	37 151	37 302	39 778	39 685	42 388	43 003
Non-renewable wastes	3 906	3 874	4 016	4 107	4 302	4 252	4 513	4 514	4 218
Net imports	204 586	199 915	199 652	207 871	196 989	199 143	205 821	207 406	200 970
Solid fossil fuels	31 639	32 405	32 118	36 268	35 632	36 072	38 264	32 301	29 372
Crude oil	93 970	91 675	94 792	92 144	90 767	92 326	92 530	92 119	86 507
Gas/Diesel Oil (w/o bio)	9 150	7 398	7 494	11 086	9 574	10 313	10 145	10 765	10 679
Motor Gasoline (w/o bio)	-2 953	-2 950	-3 556	-3 316	-3 134	-2 535	-3 551	-3 585	-2 621
Naphtha	6 894	6 322	6 040	6 609	7 556	6 681	7 182	7 761	6 967
LPG	711	657	863	782	435	513	618	764	947
All other oil & petroleum products	112 200	107 086	108 901	110 353	107 448	108 400	109 471	110 651	105 213
Natural gas	61 645	60 377	59 826	63 541	56 673	58 676	62 284	68 842	70 532
Transformation input	291 214	279 644	285 032	282 724	278 473	280 710	281 866	280 146	269 115
Electricity & heat generation	139 449	130 548	134 193	134 301	130 421	130 349	129 825	125 613	121 600
Refinery intake	105 033	103 523	104 467	101 711	100 385	102 801	104 175	105 327	100 761
Coke ovens	8 316	8 229	8 072	8 328	8 552	8 504	9 060	9 049	8 935
Blast furnaces	10 188	9 682	9 874	9 745	9 932	10 094	9 915	10 098	10 265
Transformation output	210 016	204 357	207 697	206 490	204 577	207 633	210 675	211 957	204 197
Electricity & heat generation	66 743	63 879	65 509	66 582	64 450	66 673	67 136	67 430	66 462
Refinery output	103 088	101 376	102 389	99 533	98 968	100 165	102 178	101 945	98 213
Coke ovens	7 052	6 898	6 943	7 135	7 564	7 608	8 096	7 890	7 795
Blast furnaces	4 524	4 332	4 255	4 374	4 357	4 486	4 351	4 445	4 440
Energy sector	12 265	12 143	12 033	12 185	11 931	12 290	12 767	11 559	12 057
Distribution losses	3 708	3 594	3 619	3 668	3 759	3 886	3 968	4 044	3 897
Available for final consumption	233 132	222 083	222 453	230 354	218 967	220 829	223 485	228 673	223 728
Solid fossil fuels	6 805	6 561	3 753	4 220	5 149	5 594	5 807	5 360	6 026
Manufactured gases	2 553	2 610	2 545	2 493	2 481	2 591	2 374	2 195	2 494
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	51 075	49 088	50 656	52 954	51 791	51 670	51 958	52 500	50 163
Motor Gasoline (w/o bio)	19 136	19 130	17 887	17 908	17 731	17 558	17 524	17 536	19 609
Naphtha	12 953	12 040	12 327	12 677	13 329	12 681	12 543	12 192	9 004
LPG	3 056	2 946	3 144	3 101	2 759	2 843	2 805	3 702	3 261
All other oil & petroleum products	94 935	91 808	91 674	94 132	93 562	92 501	92 837	94 127	89 829
Natural gas	54 656	49 722	51 524	56 259	48 078	49 661	51 665	55 656	54 696
Primary solid biofuels & charcoal	10 879	9 774	10 927	11 095	9 319	9 376	9 041	9 182	8 876
Liquid biofuels	3 166	2 998	3 097	2 835	2 928	2 716	2 723	2 753	2 865
All other renewable energies	16 218	15 308	16 706	16 948	15 527	15 583	15 388	15 780	15 786
Non-renewable wastes	953	906	901	1 006	1 018	1 026	1 132	1 127	1 245
Electricity	45 744	45 131	45 101	44 911	44 003	44 277	44 502	44 622	44 104
Heat	11 268	10 036	10 250	10 386	9 149	9 594	9 781	9 806	9 549
Statistical difference	624	410	-2 027	604	-336	-397	-1 543	1 411	1 339
Final non-energy consumption	22 585	22 380	21 817	21 733	22 124	21 260	21 422	22 803	21 517
Final energy consumption	209 923	199 293	202 663	208 017	197 179	199 966	203 606	204 459	200 872
Industry	56 669	57 410	56 713	56 347	55 726	56 068	56 677	57 146	57 397
Transport	53 143	53 639	53 259	54 240	55 446	55 145	56 557	57 247	55 719
Other sectors	100 111	88 244	92 690	97 429	86 008	88 754	90 372	90 065	87 757
Services	34 807	30 736	32 028	33 509	30 716	32 225	31 804	32 018	29 081
Households	63 839	56 020	59 188	62 518	53 648	54 960	56 964	56 543	55 258

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	337 739	320 177	322 941	330 021	315 724	317 189	319 047	320 925	313 264
Primary energy consumption	315 154	297 797	301 124	308 288	293 600	295 929	297 625	298 121	291 747
Final energy consumption	223 023	211 712	215 782	220 969	209 926	212 681	216 806	218 571	215 361

Source: Eurostat (nrg_bal_c)

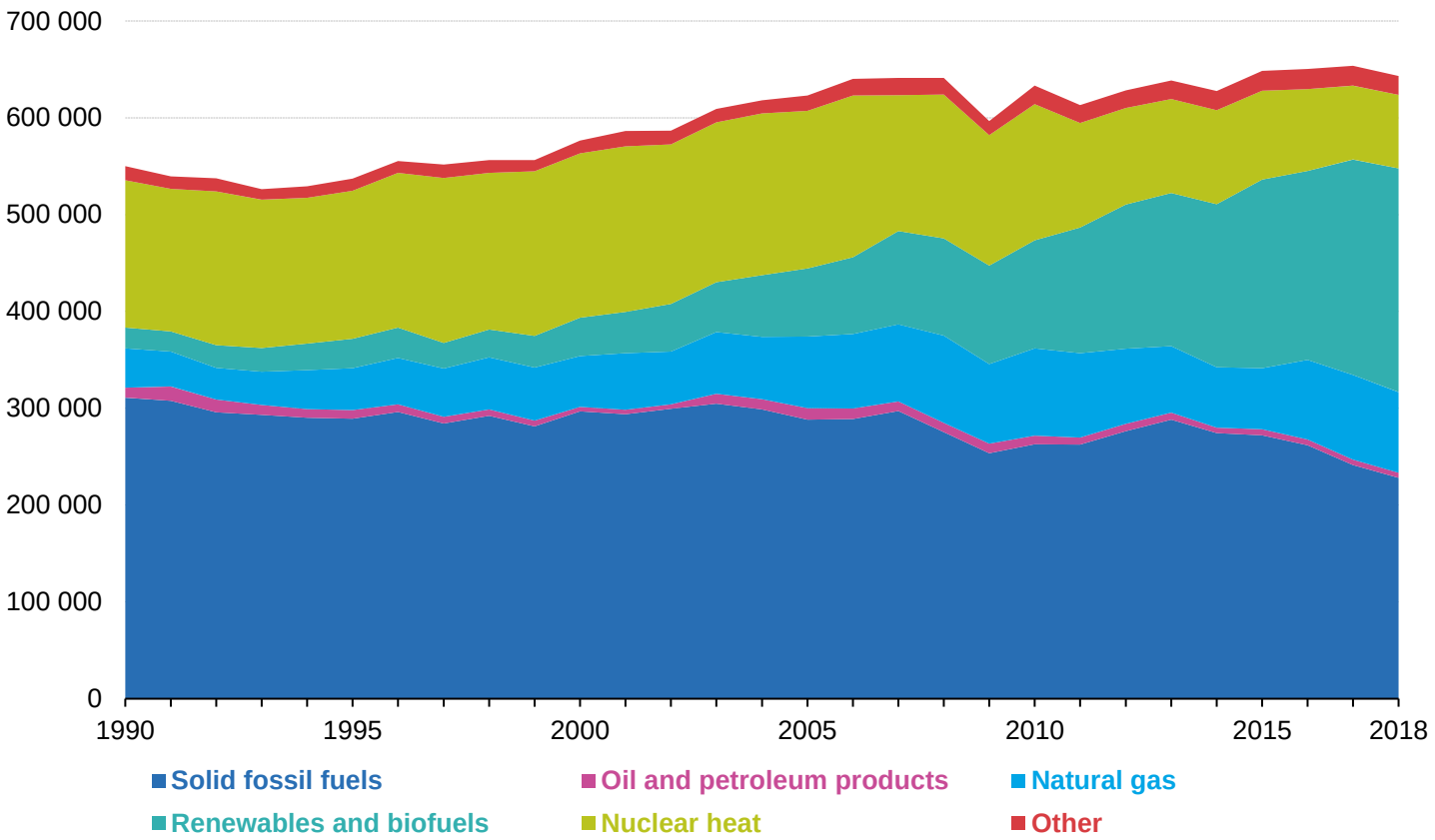
Germany

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

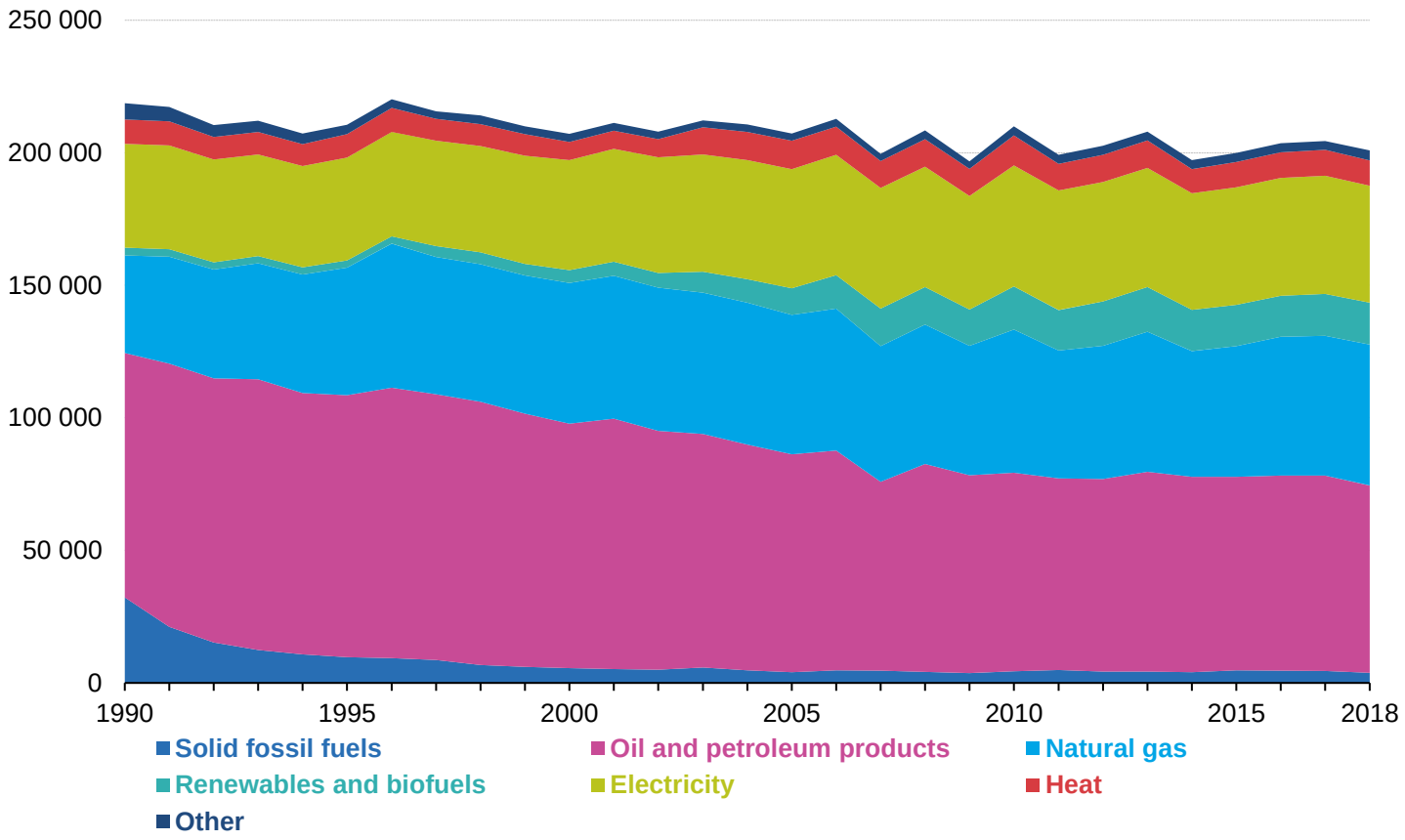


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

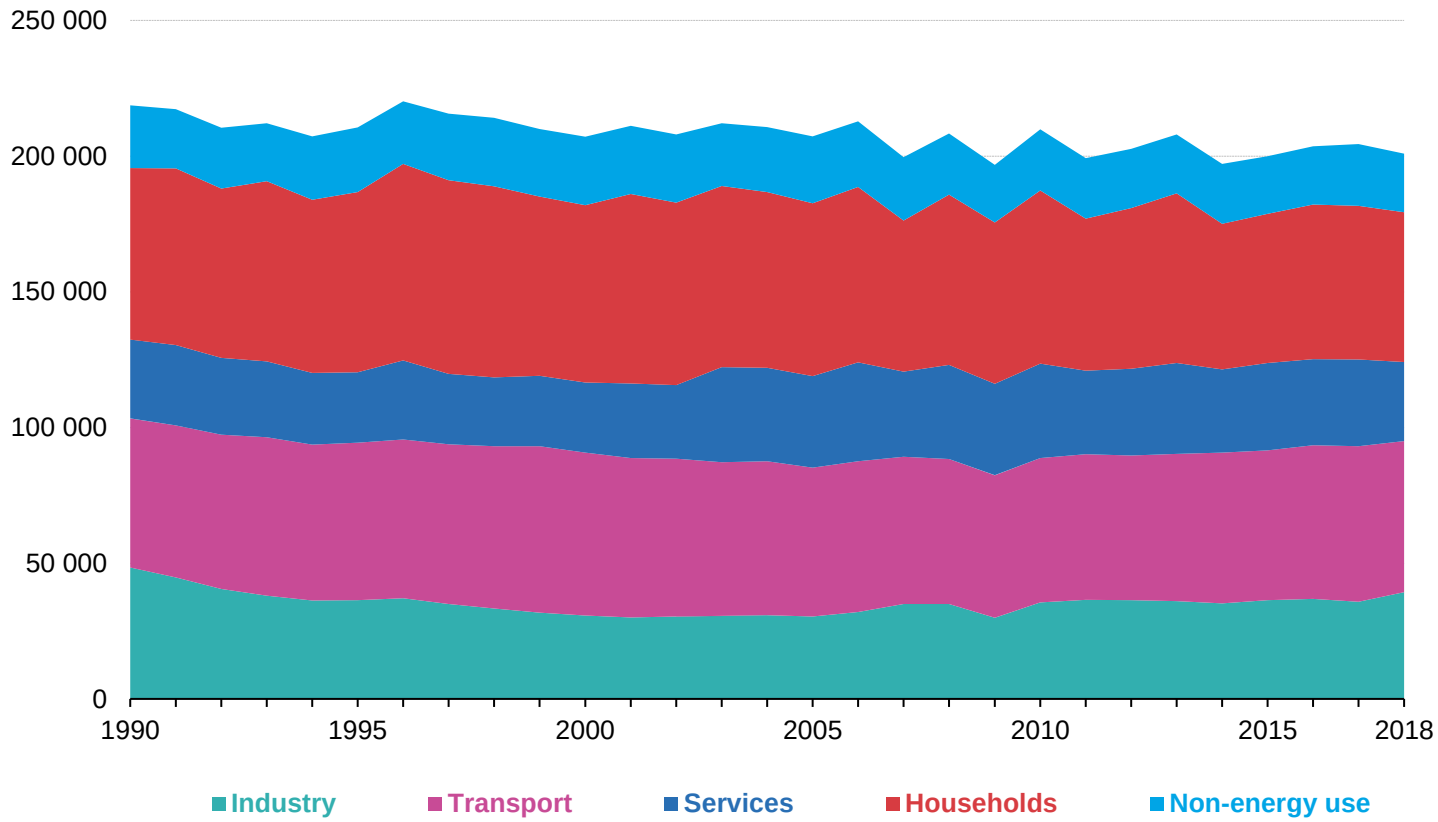
Germany

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Germany

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	638 701	627 806	648 308	650 449	653 723	643 160	618 239 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	5 913	6 766	7 310	1 647	1 748	3 013	2 156 P
Coking coal	5 184	9 261	878	8 521	10 985	8 782	6 283 P
Other bituminous coal	116 185	102 566	109 549	102 037	80 156	70 772	50 636 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	159 055	154 205	152 679	147 898	146 918	144 048	112 465 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	1 865	1 612	1 784	1 642	1 447	1 541	1 367 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	288 202	274 410	272 200	261 745	241 254	228 156	172 907 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	68 737	62 271	63 017	82 294	87 685	83 425	94 461 P
Coke oven gas	2 092	1 894	2 649	2 675	2 998	2 865	3 290 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	8 142	7 992	8 137	7 993	7 758	6 945	8 255 P
Other recovered gases	574	614	724	783	813	1 008	1 043 P
Sub-total	79 545	72 771	74 527	93 745	99 254	94 243	107 049 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	778	623	678	801	645	844	770 P
Liquefied petroleum gases	317	324	355	328	326	166	219 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	1 004	877	899	943	916	723	661 P
Fuel oil	1 592	1 223	1 218	1 185	1 097	1 068	844 P
Petroleum coke	191	160	116	158	172	166	165 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	3 316	2 450	2 943	2 431	2 415	2 219	2 424 P
Sub-total	7 198	5 657	6 209	5 846	5 571	5 186	5 083 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	28 782	25 444	24 897	26 134	26 155	24 144	26 201 P
Geothermal	80	98	133	175	163	178	196 P
Wind	52 737	58 497	80 624	79 924	105 693	109 951	125 975 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	31 010	36 056	38 726	38 098	39 401	45 784	47 517 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	10 555	10 798	11 034	10 798	10 644	10 827	10 484 P
Liquid biofuels	288	334	426	490	437	474	422 P
Biogases	29 255	31 086	33 098	33 711	33 879	33 416	33 723 P
Renewable municipal waste	5 416	6 070	5 768	5 930	5 956	6 163	5 819 P
Sub-total	158 123	168 383	194 706	195 260	222 328	230 937	250 337 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	1 162	1 363	1 288	1 401	1 335	903	933 P
Non-renewable municipal waste	5 416	6 070	5 768	5 930	5 956	6 163	5 819 P
Sub-total	6 578	7 433	7 056	7 331	7 291	7 066	6 752 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	97 290	97 129	91 786	84 634	76 324	76 005	75 071 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	1 765	2 023	1 824	1 888	1 701	1 567	1 040 P
Sub-total	99 055	99 152	93 610	86 522	78 025	77 572	76 111 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	3 395	3 517	3 520	1 720	1 565	1 719	847 P
Coking coal	12 495	14 286	11 719	15 132	15 825	15 137	11 239 P
Other bituminous coal	46 854	43 927	46 310	43 638	36 158	33 841	28 445 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	182 491	176 956	176 970	171 041	171 214	167 199	131 255 P
Coke oven coke	11 531	11 728	11 369	11 060	10 817	10 815	8 734 P
Patent fuel	134	102	154	136	113	107	72 P
Brown coal briquettes	5 625	5 445	5 263	5 107	5 227	5 119	4 653 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	3 400 715	2 948 178	3 030 980	3 271 766	3 504 848	3 421 640	3 731 726 P
Coke oven gas	68 582	72 709	73 796	77 811	68 044	64 646	53 572 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	164 517	163 611	165 776	159 763	162 818	160 885	150 554 P
Other recovered gases	18 598	18 800	22 055	22 421	23 289	24 999	23 394 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	90 567	89 397	91 275	91 244	90 738	85 211	85 991 P
Refinery intake	100 421	99 272	101 454	102 761	103 944	99 455	100 016 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	37 649	37 039	37 436	38 760	41 065	40 334	42 136 P
Export	20 197	21 236	22 302	22 833	23 497	22 623	22 050 P
Total refinery output	97 921	96 755	99 200	100 381	101 529	97 088	97 683 P
Gas oil and diesel oil	42 808	41 920	43 520	43 834	43 432	40 743	41 610 P
Motor gasoline	19 236	18 856	18 945	19 674	19 806	20 718	20 271 P
Fuel oil	7 776	7 696	7 953	7 374	7 376	7 296	7 034 P
Naphtha	7 812	7 851	7 978	7 860	7 635	6 373	6 662 P
Kerosene-type jet fuel	4 757	4 862	5 178	5 317	5 347	5 101	5 077 P
All other oil products	15 532	15 570	15 626	16 322	17 933	16 857	17 029 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	598 787	531 793	535 876	514 783	518 424	505 295	523 212 E
Charcoal [kt]	247	242	246	218	233	241	197 P
Biogases [TJ]	280 646	298 275	314 418	320 998	323 250	319 497	324 533 E
Pure biogasoline [kt]	1 223	1 246	1 188	1 197	1 169	1 205	1 143 P
Pure biodiesels [kt]	2 315	2 355	2 230	2 268	2 284	2 404	2 439 P
Other liquid biofuels [kt]	169	180	197	244	240	192	185 E

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	122 530	127 155	125 360	129 875	134 686	129 889	128 499 P
Non-renewable municipal waste	122 530	127 155	125 360	129 875	134 686	129 889	128 499 P
Industrial waste (non-renewable)	49 437	52 968	52 659	59 095	54 307	46 695	48 348 E

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	6 192	7 622	8 908	11 211	10 696	11 780	13 286 E
Solar thermal	24 123	25 942	27 743	27 695	28 273	31 956	30 539 P
Ambinet heat (heat pumps)	31 435	34 714	37 837	41 070	44 668	48 614	52 758 P

Source: Eurostat (nrg_cb_rw)

Estonia ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	6 604.6	0.0	Z	22.2	4 797.0	0.0	0.0	1 743.4	42.1	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	2 787.8	23.1	0.0	0.0	0.0	2 041.7	413.5	39.2	7.7	Z	0.0	262.5
- Exports	2 739.0	8.8	0.0	0.0	0.0	1 687.3	0.0	617.2	0.0	Z	0.0	425.6
+ Change in stock	-66.1	2.5	0.0	7.2	-132.0	65.8	0.0	-9.6	0.0	Z	Z	Z
= Gross available energy	**6 587.3**	**16.7**	**0.0**	**29.4**	**4 665.0**	**420.3**	**413.5**	**1 155.8**	**49.8**	**0.0**	**0.0**	**-163.1**
- International maritime bunkers	289.8	0.0	0.0	0.0	0.0	289.8	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**6 297.6**	**16.7**	**0.0**	**29.4**	**4 665.0**	**130.5**	**413.5**	**1 155.8**	**49.8**	**0.0**	**0.0**	**-163.1**
- International aviation	69.4	Z	Z	Z	Z	69.4	Z	0.0	Z	Z	Z	Z
= Total energy supply	**6 228.1**	**16.7**	**0.0**	**29.4**	**4 665.0**	**61.1**	**413.5**	**1 155.8**	**49.8**	**0.0**	**0.0**	**-163.1**
Transformation input	**5 803.5**	**0.0**	**220.1**	**29.4**	**4 626.9**	**71.2**	**146.0**	**670.6**	**39.4**	**0.0**	**0.0**	**0.0**
+ Electricity & heat generation	3 503.7	0.0	220.1	29.4	2 367.6	30.7	146.0	670.6	39.4	0.0	0.0	0.0
+ Coke ovens	194.0	0.0	0.0	0.0	194.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	428.5	0.0	0.0	0.0	428.5	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	40.4	Z	Z	Z	Z	40.4	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	1 636.8	0.0	0.0	0.0	1 636.8	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**3 134.6**	**9.5**	**398.1**	**0.0**	**Z**	**1 084.8**	**0.0**	**0.0**	**Z**	**Z**	**579.4**	**1 062.8**
+ Electricity & heat generation	1 642.2	Z	Z	Z	Z	Z	Z	Z	Z	Z	579.4	1 062.8
+ Coke ovens	243.3	9.5	233.8	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	164.3	0.0	164.3	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	40.5	Z	Z	Z	Z	40.5	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	1 044.3	0.0	0.0	0.0	Z	1 044.3	Z	Z	Z	Z	Z	Z
Energy sector	**384.1**	**0.0**	**178.0**	**0.0**	**0.0**	**15.2**	**15.9**	**0.7**	**0.0**	**Z**	**9.2**	**165.1**
+ Own use in electricity & heat genera	123.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	Z	0.0	122.6
+ Coal mines	32.9	0.0	0.0	0.0	0.0	15.2	0.0	0.0	0.0	Z	0.1	17.6
+ Oil & natural gas extraction plants	4.9	Z	Z	Z	Z	0.0	4.9	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.4	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.4
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	203.1	0.0	178.0	0.0	0.0	Z	Z	Z	Z	Z	9.1	16.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	19.4	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	Z	0.0	8.4
Distribution losses	**138.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**74.2**	**64.0**
Available for final consumption	**3 036.9**	**26.3**	**0.0**	**0.0**	**38.1**	**1 059.6**	**251.6**	**484.4**	**10.3**	**0.0**	**496.1**	**670.6**
Final non-energy consumption	**123.5**	**0.0**	**0.0**	**0.0**	**67.4**	**56.0**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**2 889.3**	**26.3**	**0.0**	**0.0**	**22.0**	**990.3**	**251.6**	**463.0**	**10.3**	**Z**	**481.6**	**644.1**
+ Industry	490.2	23.6	0.0	0.0	22.0	51.8	109.0	34.9	10.1	Z	35.8	202.9
+ Iron & steel	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	Z	0.0	0.3
+ Chemical & petrochemical	33.4	0.0	0.0	0.0	0.0	2.1	5.7	0.1	0.0	Z	15.5	10.0
+ Non-ferrous metals	1.3	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	Z	0.0	0.3
+ Non-metallic minerals	109.5	23.1	0.0	0.0	22.0	1.0	17.1	17.2	10.1	Z	2.3	16.7
+ Transport equipment	11.8	0.0	0.0	0.0	0.0	1.0	1.7	0.2	0.0	Z	1.9	7.1
+ Machinery	38.5	0.0	0.0	0.0	0.0	1.1	3.3	1.3	0.0	Z	5.2	27.5
+ Mining & quarrying	9.8	0.0	0.0	0.0	0.0	3.0	4.9	0.0	0.0	Z	0.1	1.7
+ Food, beverages & tobacco	56.4	0.0	0.0	0.0	0.0	2.0	26.1	0.5	0.0	Z	2.9	24.9
+ Paper, pulp & printing	77.0	0.0	0.0	0.0	0.0	0.0	26.6	8.2	0.0	Z	0.7	41.4
+ Wood & wood products	66.6	0.0	0.0	0.0	0.0	2.0	10.2	6.3	0.0	Z	1.6	46.3
+ Construction	52.7	0.5	0.0	0.0	0.0	37.5	6.3	0.5	0.0	Z	1.8	6.1
+ Textile & leather	8.8	0.0	0.0	0.0	0.0	0.0	1.9	0.1	0.0	Z	1.5	5.2
+ Not elsewhere specified (industry)	23.9	0.0	0.0	0.0	0.0	2.1	3.8	0.4	0.0	Z	2.2	15.4
+ Transport	831.8	0.0	0.0	0.0	0.0	803.8	7.1	17.1	0.0	Z	Z	3.7
+ Rail	15.7	0.0	0.0	0.0	0.0	14.8	Z	0.0	0.0	Z	Z	0.9
+ Road	806.9	Z	Z	Z	Z	781.2	7.1	17.1	0.0	Z	Z	1.5
+ Domestic aviation	1.3	Z	Z	Z	Z	1.3	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	6.5	0.0	0.0	0.0	0.0	6.5	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	1.4
+ Other	1 567.4	2.6	0.0	0.0	0.0	134.7	135.5	411.0	0.3	Z	445.9	437.5
+ Commercial & public services	490.5	1.1	0.0	0.0	0.0	27.3	76.2	11.7	0.3	Z	121.8	252.2
+ Households	941.0	1.1	0.0	0.0	0.0	8.5	55.0	394.1	0.0	Z	322.4	159.9
+ Agriculture & forestry	124.2	0.5	0.0	0.0	0.0	98.8	4.3	5.2	0.0	Z	1.6	13.8
+ Fishing	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.4
+ Not elsewhere specified (other)	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	11.2
Statistical differences	**24.1**	**0.0**	**0.0**	**0.0**	**-51.4**	**13.2**	**0.0**	**21.4**	**0.0**	**0.0**	**14.4**	**26.5**
Gross electricity production	1 062.8	0.0	60.7	4.0	806.5	7.1	5.0	171.0	8.3	0.0	Z	Z
Gross heat production	579.4	0.0	39.4	18.6	54.2	13.3	110.8	322.7	20.4	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

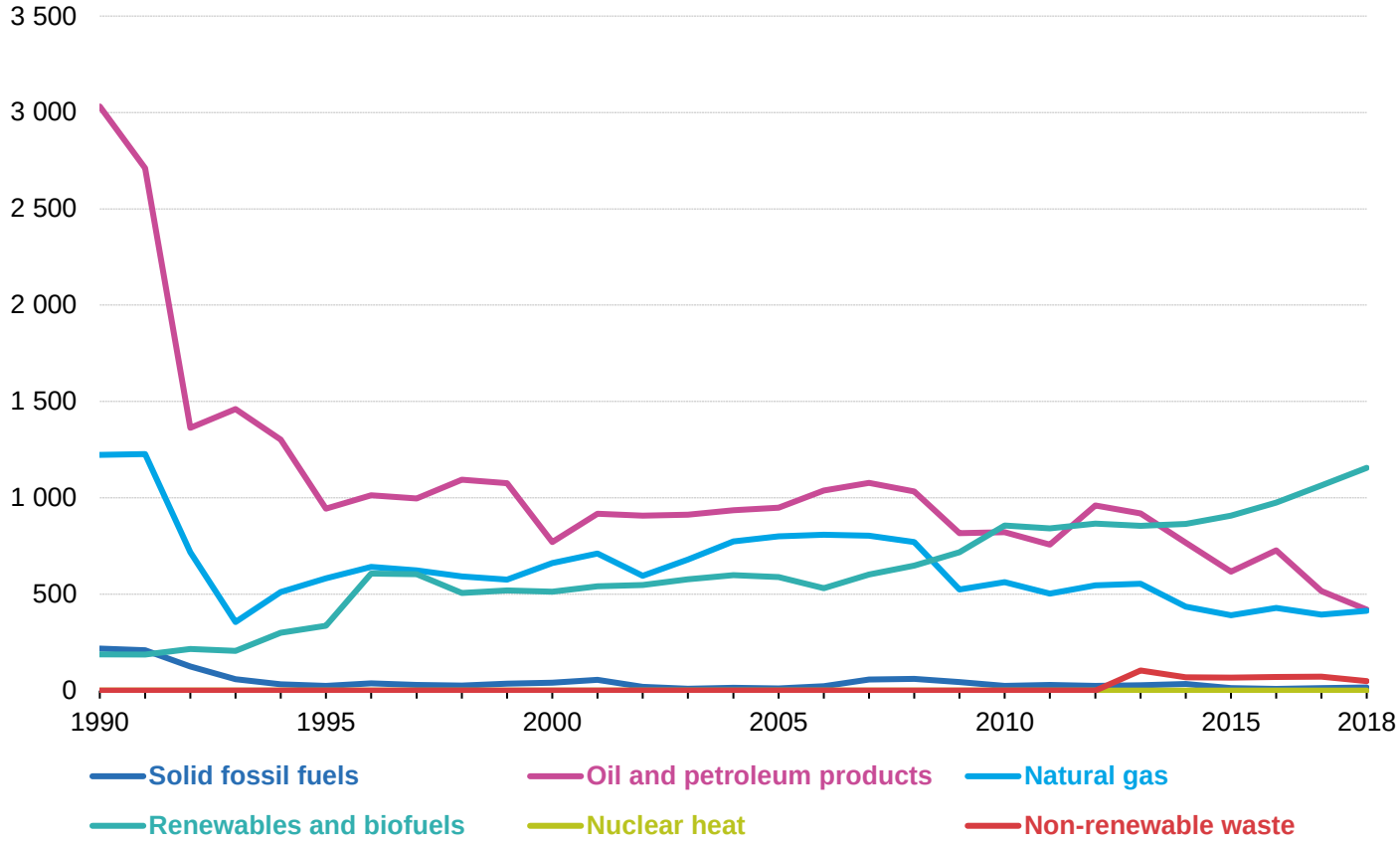
Estonia	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	5 883	5 858	5 904	6 553	6 130	5 721	6 271	6 062	6 587
Solid fossil fuels	24	29	24	28	34	13	9	12	17
Peat & peat products	54	51	47	44	39	32	34	36	29
Oil shale & oil sands	3 843	3 984	3 653	4 355	4 158	3 771	4 201	4 202	4 665
Crude oil & other hydrocarbons	-367	-395	-439	-507	-567	-723	-598	-867	-1 004
Petroleum products	822	757	960	920	768	618	728	516	420
Natural gas	563	503	545	555	436	390	428	394	414
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	857	841	867	856	865	908	975	1 065	1 156
Non-renewable wastes	0	0	0	104	68	67	71	72	50
Primary production	4 930	5 038	5 091	5 653	5 572	5 600	5 194	5 793	6 605
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	88	79	40	66	65	30	26	8	22
Oil shale and oil sands	3 855	3 982	3 996	4 360	4 253	4 216	3 629	4 147	4 797
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	988	977	1 056	1 122	1 186	1 286	1 468	1 566	1 743
Non-renewable wastes	0	0	0	105	68	67	70	72	42
Net imports	911	817	1 178	916	686	560	500	238	49
Solid fossil fuels	32	26	37	25	35	-1	6	11	14
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	551	603	707	703	689	745	803	795	823
Motor Gasoline (w/o bio)	287	268	256	247	243	269	234	301	251
Naphtha	0	0	0	0	0	0	0	0	0
LPG	11	11	13	14	13	21	25	28	22
All other oil & petroleum products	787	759	963	953	781	629	739	596	354
Natural gas	563	503	545	555	436	390	428	394	414
Transformation input	4 831	5 007	4 802	4 982	5 008	4 608	4 780	5 251	5 804
Electricity & heat generation	3 585	3 644	3 390	3 847	3 567	3 059	3 310	3 522	3 504
Refinery intake	0	0	0	0	0	0	0	0	0
Coke ovens	22	20	21	22	27	9	11	16	194
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	2 553	2 518	2 498	2 550	2 531	2 423	2 509	2 891	3 135
Electricity & heat generation	1 725	1 655	1 613	1 691	1 591	1 402	1 620	1 690	1 642
Refinery output	0	0	0	0	0	0	0	0	0
Coke ovens	15	16	17	15	17	5	9	13	243
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	200	229	233	257	242	229	270	217	384
Distribution losses	157	139	160	156	150	130	140	150	138
Available for final consumption	3 001	2 773	2 757	3 253	2 899	2 841	3 276	2 969	3 037
Solid fossil fuels	38	45	41	40	48	17	18	21	26
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	6	5	8	8	3	2	0	0
Oil shale & oil sands	72	-31	-105	293	58	45	448	64	38
Gas/Diesel Oil (w/o bio)	597	637	661	653	661	683	676	680	698
Motor Gasoline (w/o bio)	289	268	259	242	245	243	261	273	274
Naphtha	0	0	0	0	0	0	0	0	0
LPG	11	10	14	14	14	20	23	27	22
All other oil & petroleum products	997	998	1 009	1 002	1 022	1 035	1 023	1 054	1 060
Natural gas	207	204	229	319	224	222	252	229	252
Primary solid biofuels & charcoal	550	497	478	472	472	477	404	461	442
Liquid biofuels	11	9	9	8	12	6	5	2	17
All other renewable energies	561	507	488	482	489	487	420	471	484
Non-renewable wastes	0	0	0	58	17	12	13	19	10
Electricity	594	570	600	586	594	589	615	622	671
Heat	532	475	491	466	439	431	485	488	496
Statistical difference	29	-104	-175	238	6	-6	382	47	24
Final non-energy consumption	90	69	90	165	113	105	102	121	123
Final energy consumption	2 882	2 808	2 841	2 849	2 780	2 742	2 792	2 801	2 889
Industry	574	607	573	644	555	524	453	457	490
Transport	761	755	763	744	749	764	780	804	832
Other sectors	1 546	1 446	1 505	1 462	1 477	1 455	1 559	1 540	1 567
Services	424	402	424	418	458	465	498	467	491
Households	1 027	935	971	934	888	857	931	941	941

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	5 670	5 676	5 513	6 145	5 817	5 436	6 002	5 755	6 298
Primary energy consumption	5 580	5 607	5 422	5 980	5 704	5 330	5 900	5 634	6 174
Final energy consumption	2 915	2 853	2 901	2 897	2 828	2 792	2 838	2 861	2 959

Source: Eurostat (nrg_bal_c)

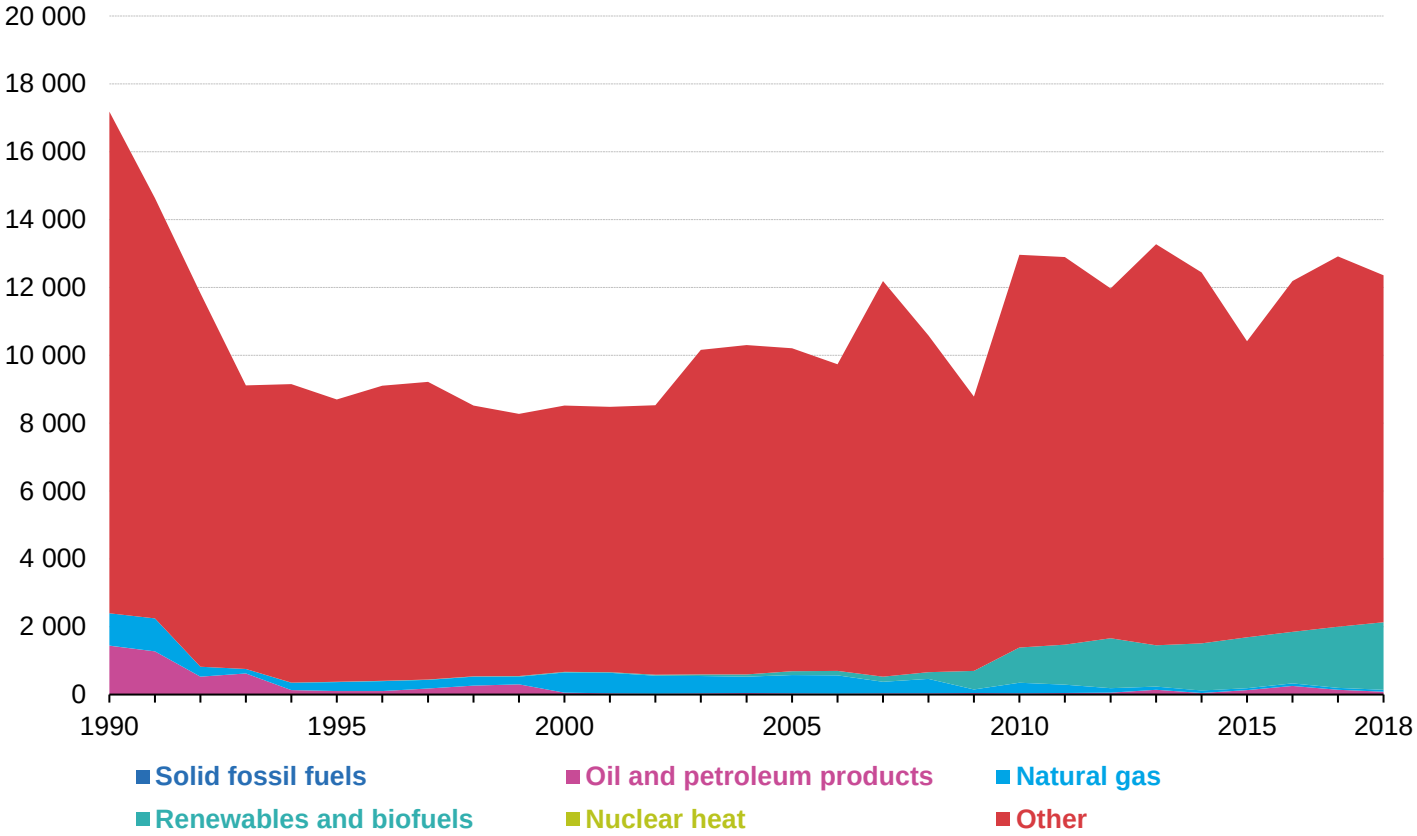
Estonia

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

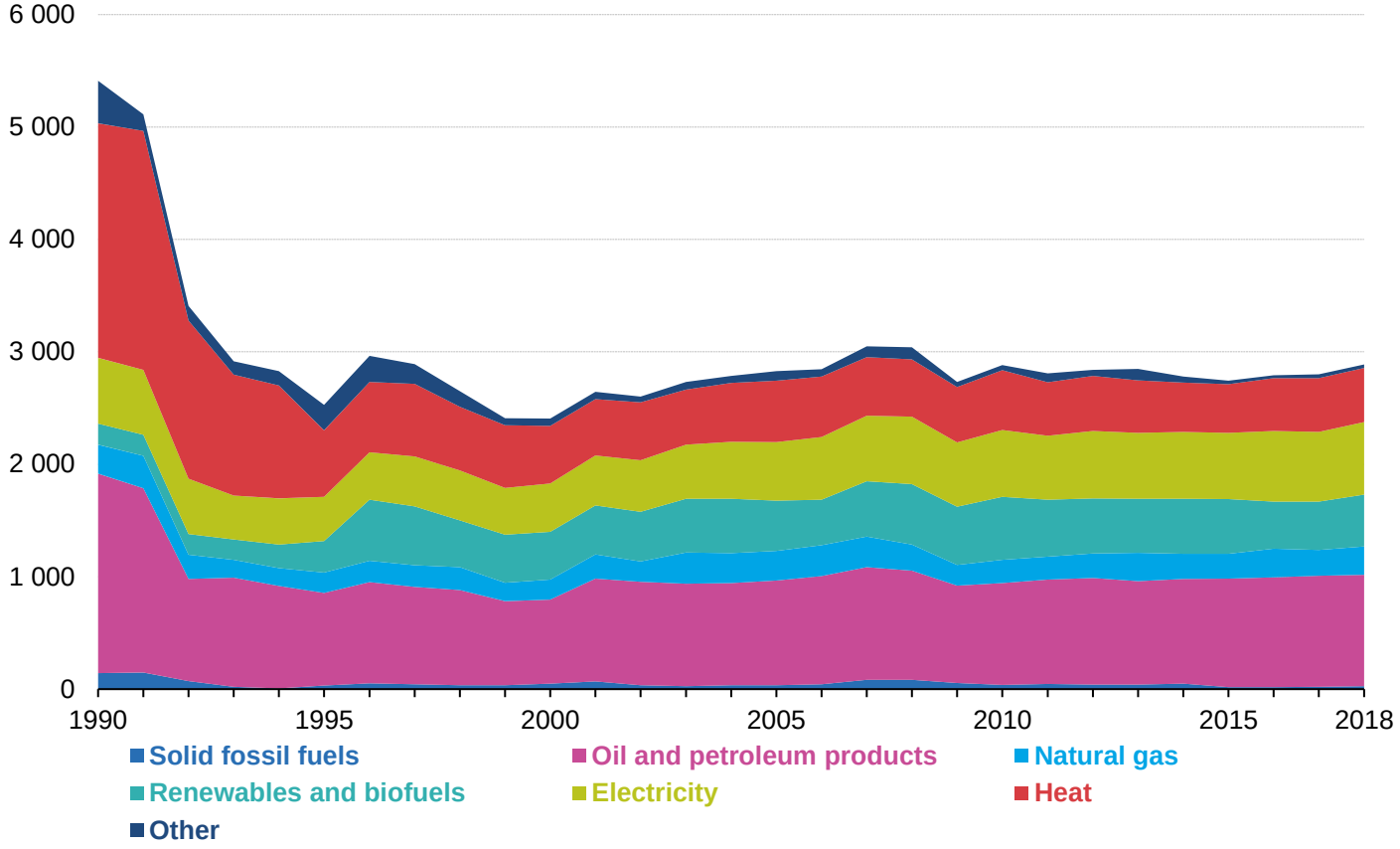


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

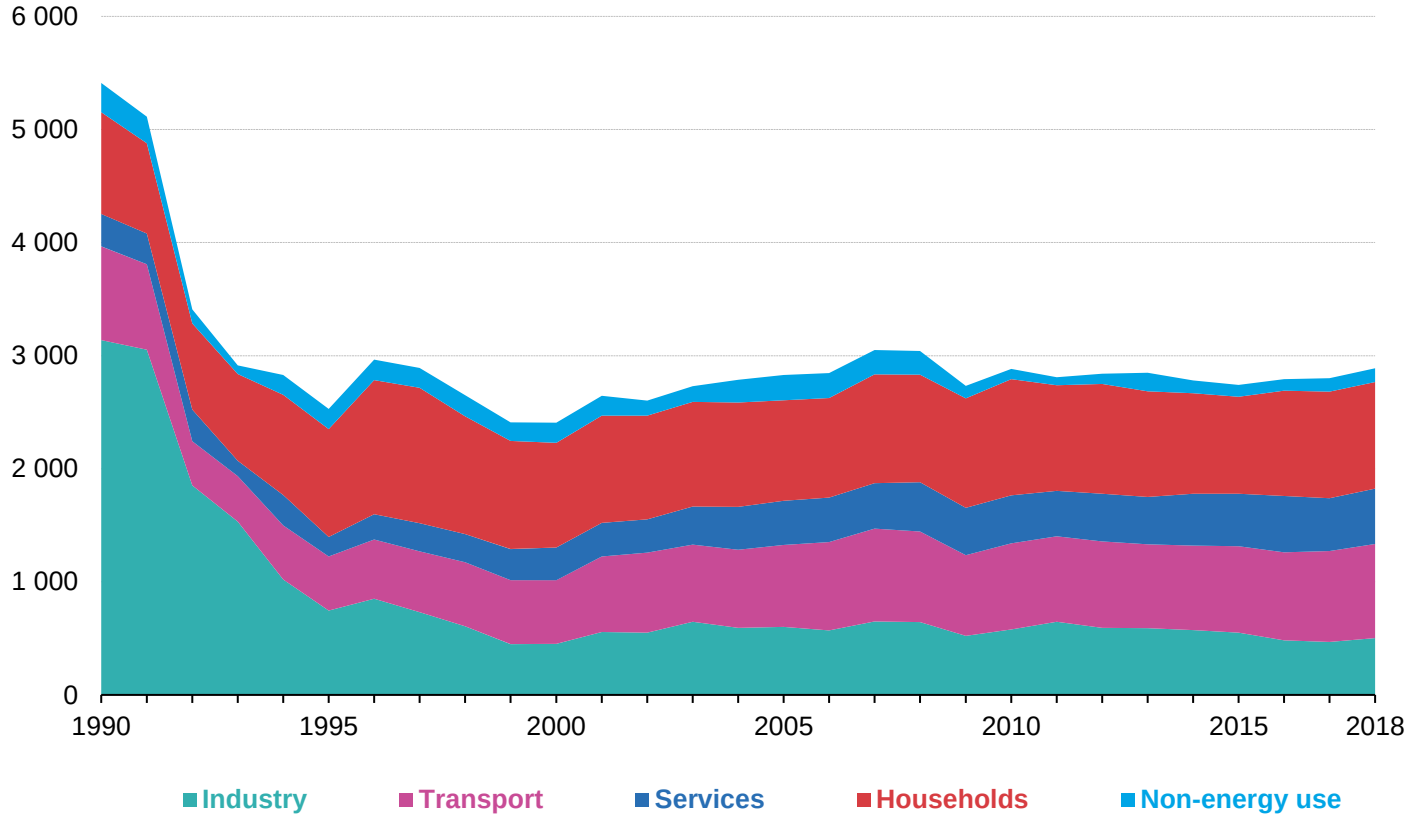
Estonia

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	13 275	12 446	10 417	12 186	12 917	12 360	7 616 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	13	6	0	0	18	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	71	53	50	50	109	47	24 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	11 406	10 302	7 992	9 623	9 912	9 380	4 295 P
Sub-total	11 490	10 361	8 042	9 673	10 039	9 427	4 319 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	89	69	62	74	63	58	38 P
Coke oven gas	0	0	0	0	0	546	744 P
Gas works gas	284	511	555	531	754	160	290 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	373	580	617	605	817	764	1 072 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Fuel oil	132	43	128	255	120	83	27 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	132	43	128	255	120	83	27 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	26	27	27	35	26	15	19 P
Geothermal	0	0	0	0	0	0	0 P
Wind	529	604	715	594	723	636	687 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	0	0	10	14	31	54 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	645	731	710	840	996	1 223	1 261 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	20	27	50	45	42	38	39 P
Renewable municipal waste	0	0	0	0	0	46	50 P
Sub-total	1 220	1 389	1 502	1 524	1 801	1 989	2 110 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	12	10 P
Non-renewable municipal waste	60	73	128	129	141	85	78 P
Sub-total	60	73	128	129	141	97	88 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	61	78	29	27	48	50	46 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	5	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	240	225	132	138	148	122	75 P
Peat products	13	12	9	9	0	0	0 P
Oil shale and oil sands	20 486	20 628	17 899	19 894	21 897	21 374	14 959 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	25 814	20 262	18 164	19 923	18 885	19 241	17 695 P
Coke oven gas	0	0	0	0	0	10 877	11 123 P
Gas works gas	7 203	7 201	5 929	5 250	6 615	7 643	5 200 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	0	0	0	0	0	0 P
Refinery intake	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1 685	1 912	1 686	1 815	1 889	2 059	1 863 P
Export	205	545	332	479	431	690	507 P
Total refinery output	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Motor gasoline	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	33 203	33 045	34 557	37 612	41 198	43 355	45 200 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	302	403	550	722	540	571	580 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	0	0	0	0	0	0	0 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	1 291	1 200 P
Non-renewable municipal waste	4 368	2 858	2 816	2 952	3 021	1 473	1 500 P
Industrial waste (non-renewable)	0	0	0	0	0	611	600 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	0	0	0	0	0	0	0 P
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Ireland ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	5 034.9	0.0	Z	815.9	0.0	0.0	2 747.2	1 326.2	145.5	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	11 982.0	831.6	0.0	0.0	0.0	9 120.3	1 740.4	150.2	0.0	Z	0.0	139.4
- Exports	1 875.7	0.0	0.0	7.0	0.0	1 717.4	0.0	9.5	0.0	Z	0.0	141.8
+ Change in stock	-154.7	-105.4	0.0	-201.5	0.0	151.3	0.0	0.9	0.0	Z	Z	Z
= Gross available energy	**14 986.4**	**726.2**	**0.0**	**607.4**	**0.0**	**7 554.2**	**4 487.6**	**1 468.0**	**145.5**	**0.0**	**0.0**	**-2.4**
- International maritime bunkers	162.1	0.0	0.0	0.0	0.0	162.1	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**14 824.3**	**726.2**	**0.0**	**607.4**	**0.0**	**7 392.0**	**4 487.6**	**1 468.0**	**145.5**	**0.0**	**0.0**	**-2.4**
- International aviation	1 096.7	Z	Z	Z	Z	1 096.7	Z	0.0	Z	Z	Z	Z
= Total energy supply	**13 727.6**	**726.2**	**0.0**	**607.4**	**0.0**	**6 295.3**	**4 487.6**	**1 468.0**	**145.5**	**0.0**	**0.0**	**-2.4**
Transformation input	**8 389.0**	**488.6**	**0.0**	**579.6**	**0.0**	**3 612.5**	**2 496.2**	**1 078.3**	**90.7**	**0.0**	**0.0**	**42.9**
+ Electricity & heat generation	4 614.8	488.6	0.0	484.2	0.0	35.4	2 455.6	1 017.3	90.7	0.0	0.0	42.9
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	3 577.1	Z	Z	Z	Z	3 577.1	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	95.4	0.0	0.0	95.4	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	61.0	Z	Z	Z	Z	Z	Z	61.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	40.7	0.0	0.0	0.0	0.0	0.0	40.7	0.0	0.0	Z	Z	Z
Transformation output	**6 444.7**	**0.0**	**0.0**	**64.7**	**Z**	**3 642.0**	**0.0**	**61.0**	**Z**	**Z**	**0.0**	**2 677.0**
+ Electricity & heat generation	2 677.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	2 677.0
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	3 601.1	Z	Z	Z	Z	3 601.1	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	64.7	0.0	Z	64.7	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	61.0	Z	Z	Z	Z	Z	Z	61.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	40.9	Z	Z	Z	Z	40.9	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**227.5**	**0.0**	**0.0**	**15.3**	**0.0**	**133.9**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**78.3**
+ Own use in electricity & heat genera	67.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	67.2
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	20.8	0.0	0.0	15.3	0.0	Z	Z	0.0	0.0	Z	0.0	5.5
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	138.5	0.0	0.0	0.0	0.0	133.9	0.0	0.0	0.0	Z	0.0	4.6
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	1.0
Distribution losses	**249.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**57.4**	**0.0**	**0.0**	**Z**	**0.0**	**192.2**
Available for final consumption	**11 306.1**	**237.6**	**0.0**	**77.2**	**0.0**	**6 190.9**	**1 934.0**	**450.6**	**54.7**	**0.0**	**0.0**	**2 361.2**
Final non-energy consumption	**236.3**	**0.0**	**0.0**	**0.0**	**0.0**	**236.3**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**11 218.8**	**235.1**	**0.0**	**197.0**	**0.0**	**5 989.6**	**1 944.5**	**464.0**	**54.7**	**Z**	**0.0**	**2 333.9**
+ Industry	2 600.0	105.4	0.0	0.4	0.0	516.6	788.1	198.4	54.7	Z	0.0	936.3
+ Iron & steel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Chemical & petrochemical	266.5	0.0	0.0	0.0	0.0	27.1	68.5	0.0	0.0	Z	0.0	170.8
+ Non-ferrous metals	501.8	0.0	0.0	0.0	0.0	9.5	421.4	0.0	0.0	Z	0.0	70.8
+ Non-metallic minerals	452.9	86.9	0.0	0.0	0.0	190.6	17.9	42.9	54.7	Z	0.0	59.8
+ Transport equipment	26.8	0.0	0.0	0.0	0.0	4.9	2.0	0.0	0.0	Z	0.0	19.9
+ Machinery	327.2	0.0	0.0	0.0	0.0	51.0	136.2	0.0	0.0	Z	0.0	140.1
+ Mining & quarrying	112.8	0.0	0.0	0.0	0.0	32.7	12.6	0.0	0.0	Z	0.0	67.4
+ Food, beverages & tobacco	499.2	18.5	0.0	0.4	0.0	142.7	111.0	26.1	0.0	Z	0.0	200.5
+ Paper, pulp & printing	28.2	0.0	0.0	0.0	0.0	2.6	3.6	0.0	0.0	Z	0.0	22.0
+ Wood & wood products	174.4	0.0	0.0	0.0	0.0	2.5	2.2	129.4	0.0	Z	0.0	40.3
+ Construction	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	6.3
+ Textile & leather	15.4	0.0	0.0	0.0	0.0	2.1	1.2	0.0	0.0	Z	0.0	12.0
+ Not elsewhere specified (industry)	188.5	0.0	0.0	0.0	0.0	50.6	11.6	0.0	0.0	Z	0.0	126.3
+ Transport	4 105.2	0.0	0.0	0.0	0.0	3 923.2	22.5	154.3	0.0	Z	Z	5.2
+ Rail	42.2	0.0	0.0	0.0	0.0	38.0	Z	0.0	0.0	Z	Z	4.2
+ Road	3 950.6	Z	Z	Z	Z	3 795.2	0.0	154.3	0.0	Z	Z	1.0
+ Domestic aviation	6.0	Z	Z	Z	Z	6.0	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	83.9	0.0	0.0	0.0	0.0	83.9	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	22.5	Z	Z	Z	Z	0.0	22.5	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	4 513.6	129.6	0.0	196.5	0.0	1 549.8	1 133.9	111.3	0.0	Z	0.0	1 392.4
+ Commercial & public services	1 481.9	0.0	0.0	0.0	0.0	266.3	531.0	42.9	0.0	Z	0.0	641.6
+ Households	2 781.0	129.6	0.0	196.5	0.0	1 080.7	602.9	68.4	0.0	Z	0.0	702.8
+ Agriculture & forestry	223.4	0.0	0.0	0.0	0.0	175.5	0.0	0.0	0.0	Z	0.0	48.0
+ Fishing	27.3	0.0	0.0	0.0	0.0	27.3	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**-149.0**	**2.5**	**0.0**	**-119.8**	**0.0**	**-35.1**	**-10.6**	**-13.3**	**0.0**	**0.0**	**0.0**	**27.3**
Gross electricity production	2 677.0	185.0	0.0	180.1	0.0	12.0	1 377.0	897.0	25.9	0.0	Z	Z
Gross heat production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

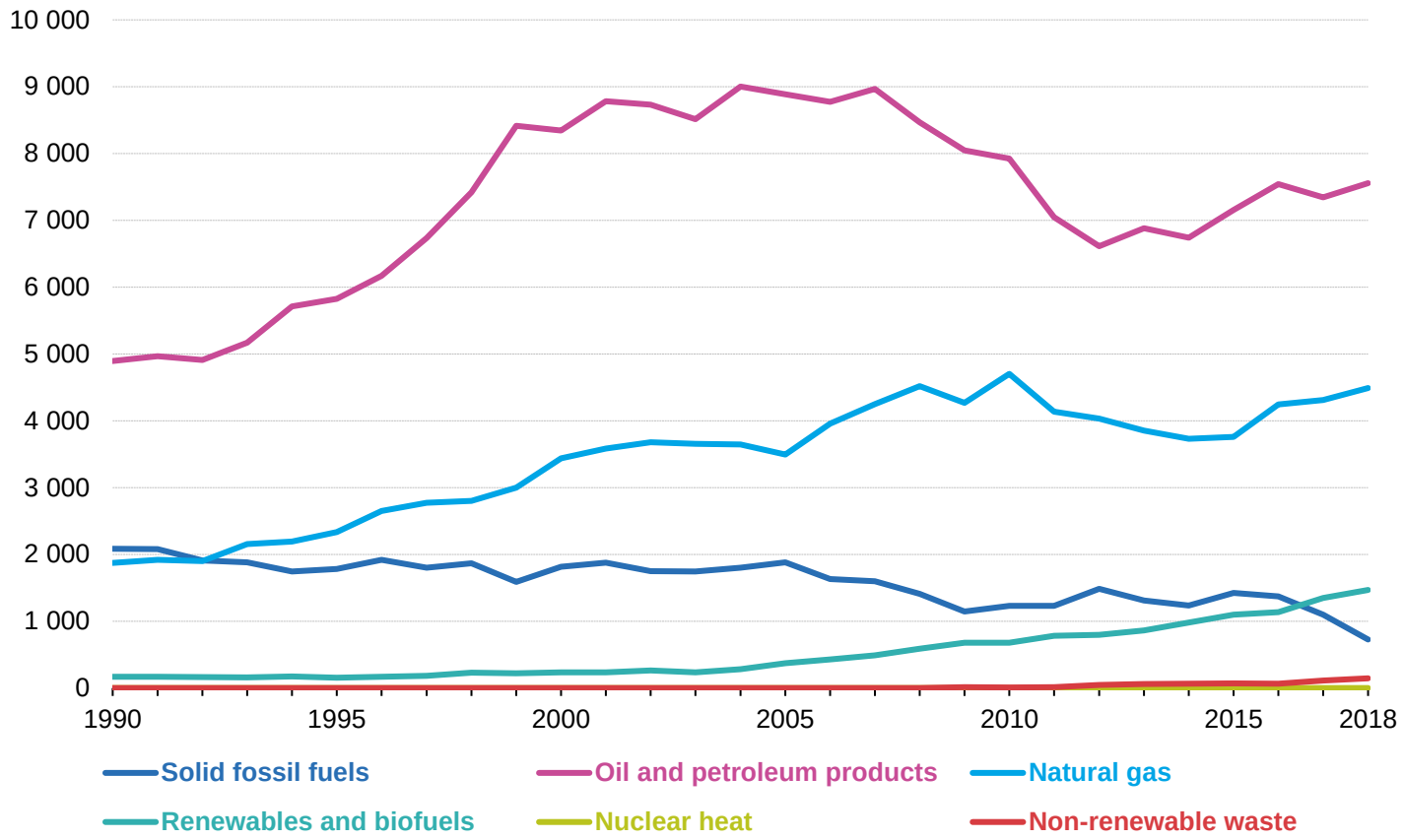
Ireland	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	15 200	13 958	14 123	13 545	13 608	14 327	15 070	14 830	14 986
Solid fossil fuels	1 231	1 232	1 485	1 311	1 233	1 426	1 370	1 099	726
Peat & peat products	616	704	1 115	386	672	762	773	673	607
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	2 971	3 006	3 125	2 875	2 805	3 441	3 270	3 253	3 100
Petroleum products	7 923	7 045	6 613	6 880	6 738	7 154	7 540	7 341	7 554
Natural gas	4 702	4 137	4 031	3 853	3 732	3 759	4 247	4 313	4 488
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	678	784	797	861	981	1 100	1 135	1 349	1 468
Non-renewable wastes	9	14	46	61	66	69	67	113	145
Primary production	1 890	1 723	1 290	2 328	2 056	1 962	4 237	4 878	5 035
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	1 011	774	321	1 327	982	769	679	744	816
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	234	196	179	165	132	113	2 488	2 848	2 747
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	635	738	744	775	875	1 011	1 003	1 173	1 326
Non-renewable wastes	9	14	46	61	66	69	67	113	145
Net imports	13 234	12 609	11 819	12 408	11 717	12 712	10 390	9 941	10 106
Solid fossil fuels	956	1 409	1 330	1 473	1 205	1 469	1 146	1 220	832
Crude oil	3 019	3 038	3 005	2 999	2 762	3 724	3 269	2 984	3 053
Gas/Diesel Oil (w/o bio)	1 908	2 048	1 967	2 194	2 286	2 297	2 616	2 690	2 839
Motor Gasoline (w/o bio)	1 079	949	646	710	660	491	480	422	200
Naphtha	-23	-21	-5	-32	-17	-26	-75	-101	-36
LPG	90	66	51	74	77	106	118	122	122
All other oil & petroleum products	7 724	7 168	6 569	6 953	6 632	7 483	7 471	7 206	7 403
Natural gas	4 480	3 954	3 838	3 710	3 592	3 621	1 700	1 409	1 740
Transformation input	8 532	7 957	8 269	7 788	7 612	8 546	8 699	8 676	8 389
Electricity & heat generation	4 933	4 473	4 634	4 270	4 231	4 494	4 862	4 802	4 615
Refinery intake	2 971	3 032	3 143	2 915	2 826	3 457	3 307	3 265	3 131
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	5 981	5 739	5 914	5 649	5 540	6 467	6 387	6 517	6 445
Electricity & heat generation	2 438	2 336	2 352	2 229	2 243	2 441	2 624	2 655	2 677
Refinery output	2 964	2 995	3 110	2 870	2 789	3 461	3 274	3 286	3 155
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	236	213	241	231	219	224	232	235	228
Distribution losses	267	254	245	250	250	252	235	237	250
Available for final consumption	11 266	10 472	10 573	10 136	10 190	10 773	11 265	11 026	11 306
Solid fossil fuels	364	319	325	341	291	299	268	231	238
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	27	146	472	-221	45	154	180	115	77
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	3 071	2 982	3 072	3 263	3 220	3 439	3 732	3 731	3 825
Motor Gasoline (w/o bio)	1 456	1 430	1 178	1 208	1 164	1 117	1 028	901	799
Naphtha	0	0	0	0	0	0	0	1	0
LPG	152	139	132	142	143	157	164	174	188
All other oil & petroleum products	6 805	6 095	5 753	5 940	5 701	5 982	6 330	6 062	6 191
Natural gas	1 575	1 514	1 634	1 627	1 633	1 747	1 805	1 799	1 934
Primary solid biofuels & charcoal	180	165	154	167	194	185	182	190	196
Liquid biofuels	93	58	60	72	88	86	113	172	146
All other renewable energies	310	268	271	299	350	350	387	464	451
Non-renewable wastes	9	14	27	39	42	44	42	57	55
Electricity	2 176	2 116	2 091	2 111	2 129	2 197	2 253	2 297	2 361
Heat	0	0	0	0	0	0	0	0	0
Statistical difference	-362	-107	179	-326	-124	161	228	38	-149
Final non-energy consumption	342	306	281	294	208	216	267	244	236
Final energy consumption	11 286	10 273	10 112	10 169	10 106	10 396	10 770	10 744	11 219
Industry	2 145	2 231	2 193	2 186	2 240	2 380	2 438	2 478	2 600
Transport	4 038	3 679	3 587	3 628	3 800	3 787	4 093	4 039	4 105
Other sectors	5 104	4 363	4 332	4 354	4 066	4 229	4 239	4 227	4 514
Services	1 503	1 316	1 317	1 287	1 221	1 267	1 332	1 387	1 482
Households	3 299	2 771	2 747	2 808	2 597	2 720	2 680	2 603	2 781

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	15 045	13 833	13 977	13 379	13 450	14 140	14 878	14 634	14 780
Primary energy consumption	14 704	13 526	13 695	13 085	13 242	13 925	14 611	14 391	14 544
Final energy consumption	12 011	10 949	10 674	10 790	10 825	11 208	11 604	11 723	12 271

Source: Eurostat (nrg_bal_c)

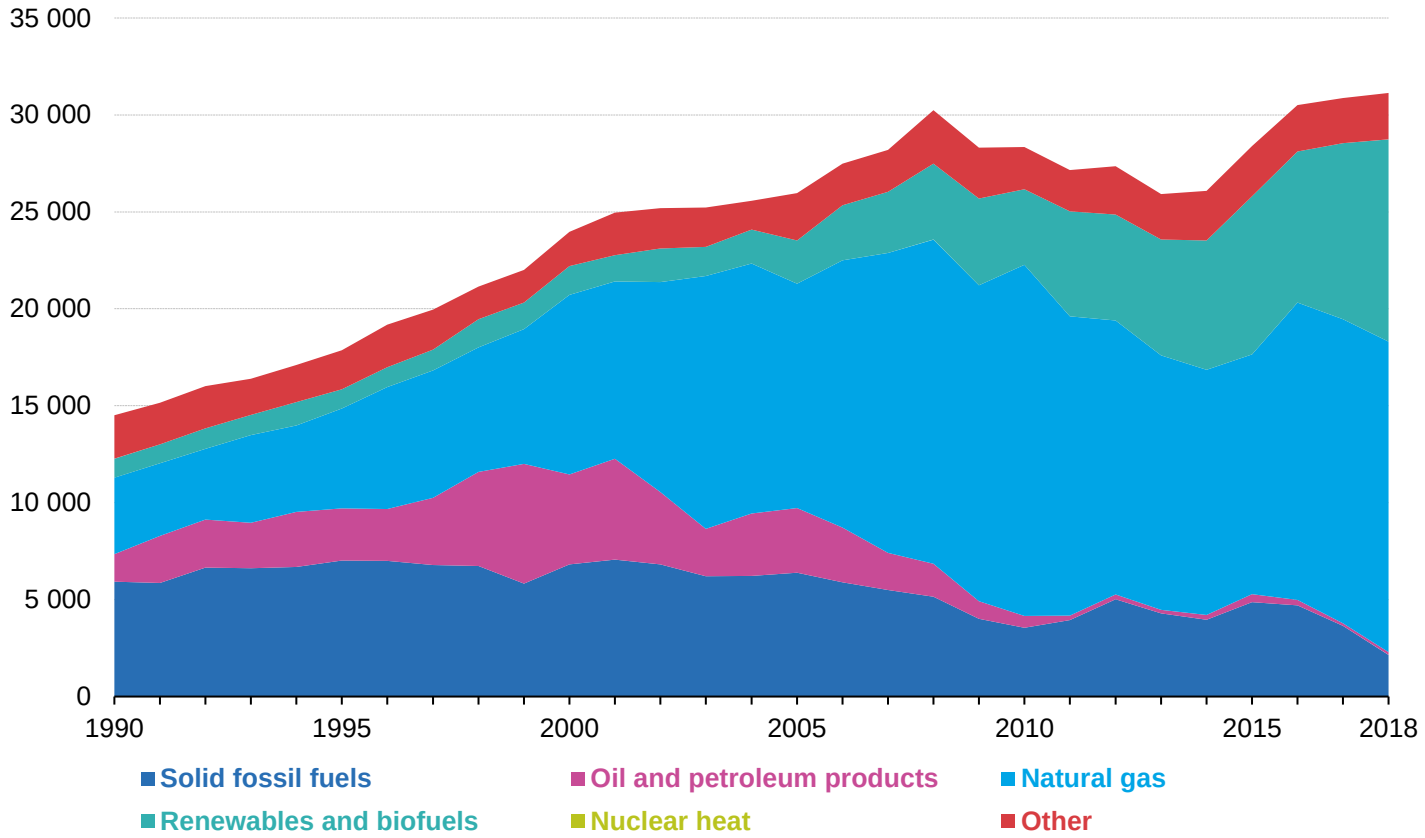
Ireland

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

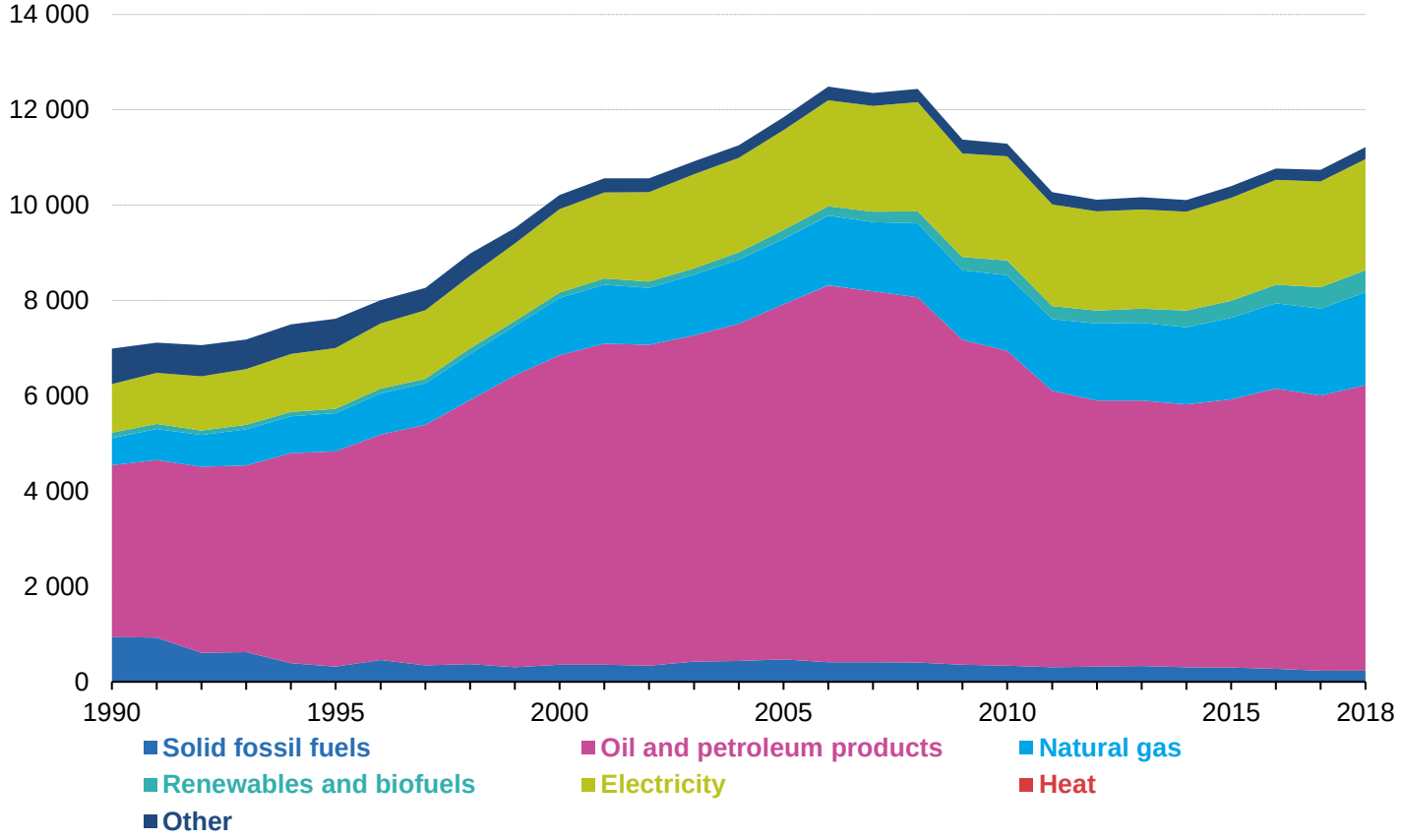


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

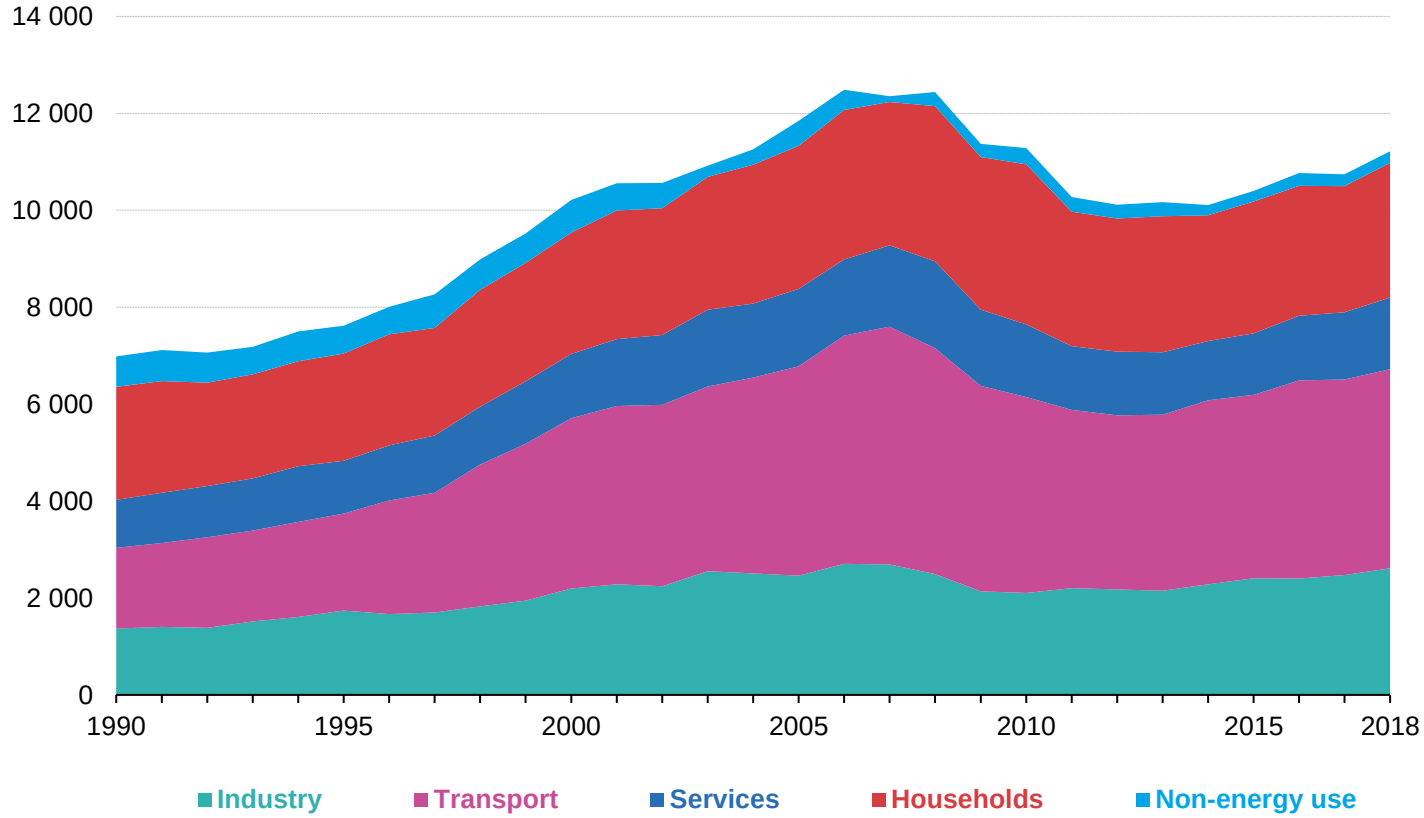
Ireland

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Ireland

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	25 920	26 087	28 391	30 513	30 873	31 134	30 309 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	4 283	3 957	4 874	4 696	3 645	2 152	508 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	2 281	2 496	2 518	2 318	2 164	2 095	1 927 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	6 564	6 453	7 393	7 014	5 809	4 247	2 435 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	13 130	12 635	12 367	15 328	15 680	16 014	15 948 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	13 130	12 635	12 367	15 328	15 680	16 014	15 948 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	28	27	52	21	2	0	0 P
Liquefied petroleum gases	3	3	3	3	4	4	3 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	21	38	110	53	35	37	58 P
Fuel oil	137	191	242	216	102	99	219 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	189	258	407	293	142	139	280 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	944	988	1 095	973	895	932	1 132 P
Geothermal	0	0	0	0	0	0	0 P
Wind	4 542	5 140	6 573	6 147	7 444	8 640	9 406 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	1	2	3	6	11	17	21 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	227	265	197	395	381	330	346 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	185	204	205	208	201	184	174 P
Renewable municipal waste	74	72	77	76	151	330	295 P
Sub-total	5 972	6 671	8 150	7 805	9 083	10 432	11 374 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	65	70	74	73	159	302	271 P
Sub-total	65	70	74	73	159	302	271 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	67	63	63	66	50	42	47 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	2 066	1 939	2 250	2 174	1 738	1 126	469 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	37	30	26	16	18	18	10 P
Coal tar	0	0	0	0	0	0	0 P
Peat	3 719	3 647	3 499	3 527	3 412	3 184	2 877 P
Peat products	192	183	164	154	138	161	126 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	179 234	173 623	174 867	197 555	200 621	208 763	211 355 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	2 933	2 701	3 642	3 197	2 918	3 002	2 705 P
Refinery intake	2 850	2 763	3 380	3 226	3 192	3 061	2 767 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	5 055	5 016	5 383	5 717	6 019	5 980	6 154 P
Export	1 220	1 277	1 772	1 634	1 863	1 693	1 497 P
Total refinery output	2 788	2 710	3 365	3 180	3 189	3 057	2 743 P
Gas oil and diesel oil	1 094	1 014	1 290	1 198	1 214	1 097	1 044 P
Motor gasoline	502	489	602	547	549	601	518 P
Fuel oil	939	937	1 167	1 070	1 049	976	725 P
Naphtha	27	16	34	77	94	35	42 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	226	254	272	288	283	348	414 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	9 118	10 558	9 538	11 315	11 518	11 297	10 917 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	2 062	2 187	2 317	2 328	2 322	2 108	1 982 P
Pure biogasoline [kt]	44	39	38	42	37	27	26 P
Pure biodiesels [kt]	50	71	70	65	87	49	87 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	2 041	2 161	2 385	2 676	3 935	5 863	5 728 P
Non-renewable municipal waste	2 566	2 768	2 880	2 791	4 742	6 090	6 088 P
Industrial waste (non-renewable)	4	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	423	450	479	506	529	567	575 P
Ambinet heat (heat pumps)	851	955	1 129	1 351	1 628	1 851	2 106 P

Source: Eurostat (nrg_cb_rw)

Greece ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	7 534.7	4 274.8	Z	0.0	0.0	201.2	12.7	3 017.1	29.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	38 952.7	234.4	0.0	0.0	0.0	33 696.3	4 144.6	142.3	0.0	Z	0.0	735.2
- Exports	20 572.8	0.0	0.0	0.0	0.0	20 359.3	0.0	18.1	0.0	Z	0.0	195.4
+ Change in stock	94.8	54.8	0.0	0.0	0.0	80.2	-40.0	-0.2	0.0	Z	Z	Z
= Gross available energy	**26 009.4**	**4 564.1**	**0.0**	**0.0**	**0.0**	**13 618.3**	**4 117.2**	**3 141.1**	**29.0**	**0.0**	**0.0**	**539.8**
- International maritime bunkers	2 185.1	0.0	0.0	0.0	0.0	2 185.1	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**23 824.3**	**4 564.1**	**0.0**	**0.0**	**0.0**	**11 433.2**	**4 117.2**	**3 141.0**	**29.0**	**0.0**	**0.0**	**539.8**
- International aviation	1 089.4	Z	Z	Z	Z	1 089.4	Z	0.0	Z	Z	Z	Z
= Total energy supply	**22 735.0**	**4 564.1**	**0.0**	**0.0**	**0.0**	**10 343.8**	**4 117.2**	**3 141.0**	**29.0**	**0.0**	**0.0**	**539.8**
Transformation input	**45 668.9**	**4 290.7**	**0.0**	**0.0**	**0.0**	**37 021.9**	**2 692.9**	**1 632.3**	**29.0**	**0.0**	**0.0**	**2.0**
+ Electricity & heat generation	9 765.5	4 290.7	0.0	0.0	0.0	1 293.9	2 692.9	1 456.9	29.0	0.0	0.0	2.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	35 727.3	Z	Z	Z	Z	35 727.3	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	172.7	Z	Z	Z	Z	Z	Z	172.7	Z	Z	Z	Z
+ Charcoal production plants	2.7	Z	Z	Z	Z	Z	Z	2.7	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	Z	Z	Z
Transformation output	**41 367.7**	**0.0**	**0.0**	**0.0**	**Z**	**36 562.0**	**0.0**	**174.2**	**Z**	**Z**	**51.8**	**4 579.8**
+ Electricity & heat generation	4 631.5	Z	Z	Z	Z	Z	Z	Z	Z	Z	51.8	4 579.8
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	36 562.0	Z	Z	Z	Z	36 562.0	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	172.7	Z	Z	Z	Z	Z	Z	172.7	Z	Z	Z	Z
+ Charcoal production plants	1.5	Z	Z	Z	Z	Z	Z	1.5	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**1 995.9**	**0.0**	**0.0**	**0.0**	**0.0**	**1 494.5**	**85.5**	**2.8**	**0.0**	**Z**	**0.0**	**413.2**
+ Own use in electricity & heat genera	276.1	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	Z	0.0	273.4
+ Coal mines	55.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	Z	0.0	54.8
+ Oil & natural gas extraction plants	19.5	Z	Z	Z	Z	0.0	14.8	0.0	Z	Z	0.0	4.7
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	1 642.7	0.0	0.0	0.0	0.0	1 493.8	70.8	0.0	0.0	Z	0.0	78.1
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	2.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	Z	0.0	2.2
Distribution losses	**461.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**10.3**	**0.0**	**0.0**	**Z**	**0.0**	**450.7**
Available for final consumption	**15 976.9**	**273.4**	**0.0**	**0.0**	**0.0**	**8 389.4**	**1 328.5**	**1 680.2**	**0.0**	**0.0**	**51.8**	**4 253.7**
Final non-energy consumption	**906.2**	**0.0**	**0.0**	**0.0**	**0.0**	**421.1**	**485.1**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**15 168.8**	**281.6**	**0.0**	**0.0**	**0.0**	**8 088.2**	**811.6**	**1 682.0**	**0.0**	**Z**	**51.8**	**4 253.7**
+ Industry	2 743.3	277.4	0.0	0.0	0.0	935.0	320.5	143.0	0.0	Z	0.0	1 067.4
+ Iron & steel	129.6	0.0	0.0	0.0	0.0	12.0	26.1	0.0	0.0	Z	0.0	91.4
+ Chemical & petrochemical	130.2	0.0	0.0	0.0	0.0	22.1	27.5	0.2	0.0	Z	0.0	80.5
+ Non-ferrous metals	708.4	152.9	0.0	0.0	0.0	6.6	130.3	0.0	0.0	Z	0.0	418.5
+ Non-metallic minerals	649.6	114.9	0.0	0.0	0.0	413.0	17.7	4.1	0.0	Z	0.0	100.0
+ Transport equipment	22.2	0.0	0.0	0.0	0.0	15.5	0.2	0.0	0.0	Z	0.0	6.4
+ Machinery	64.8	0.0	0.0	0.0	0.0	14.3	2.2	0.7	0.0	Z	0.0	47.7
+ Mining & quarrying	115.3	0.0	0.0	0.0	0.0	96.7	0.0	1.0	0.0	Z	0.0	17.6
+ Food, beverages & tobacco	459.7	0.0	0.0	0.0	0.0	164.3	50.1	114.3	0.0	Z	0.0	131.0
+ Paper, pulp & printing	54.2	0.0	0.0	0.0	0.0	15.5	18.3	2.9	0.0	Z	0.0	17.5
+ Wood & wood products	41.5	0.0	0.0	0.0	0.0	3.0	0.4	15.3	0.0	Z	0.0	22.9
+ Construction	152.7	0.0	0.0	0.0	0.0	94.4	15.7	2.4	0.0	Z	0.0	40.3
+ Textile & leather	98.7	0.0	0.0	0.0	0.0	7.8	16.1	0.0	0.0	Z	0.0	74.8
+ Not elsewhere specified (industry)	116.3	9.6	0.0	0.0	0.0	70.0	15.8	2.0	0.0	Z	0.0	18.8
+ Transport	5 903.9	0.0	0.0	0.0	0.0	5 712.5	15.2	158.8	0.0	Z	Z	17.4
+ Rail	54.6	0.0	0.0	0.0	0.0	37.6	Z	1.7	0.0	Z	Z	15.4
+ Road	5 009.0	Z	Z	Z	Z	4 835.1	15.2	156.7	0.0	Z	Z	2.0
+ Domestic aviation	222.2	Z	Z	Z	Z	222.2	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	615.7	0.0	0.0	0.0	0.0	615.4	Z	0.3	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	2.4	0.0	0.0	0.0	0.0	2.3	0.0	0.1	0.0	Z	Z	0.0
+ Other	6 521.6	4.2	0.0	0.0	0.0	1 440.7	475.8	1 380.3	0.0	Z	51.8	3 168.9
+ Commercial & public services	2 095.3	0.0	0.0	0.0	0.0	122.2	144.0	297.9	0.0	Z	0.0	1 531.2
+ Households	3 916.7	3.6	0.0	0.0	0.0	1 038.9	331.3	1 049.8	0.0	Z	51.8	1 441.3
+ Agriculture & forestry	264.4	0.6	0.0	0.0	0.0	36.7	0.5	31.8	0.0	Z	0.0	194.7
+ Fishing	14.9	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	Z	0.0	1.7
+ Not elsewhere specified (other)	230.5	0.0	0.0	0.0	0.0	229.7	0.0	0.8	0.0	Z	0.0	0.0
Statistical differences	**-98.2**	**-8.2**	**0.0**	**0.0**	**0.0**	**-119.9**	**31.8**	**-1.9**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	4 579.8	1 477.7	0.0	0.0	0.0	476.9	1 210.7	1 389.9	24.6	0.0	Z	Z
Gross heat production	51.8	51.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

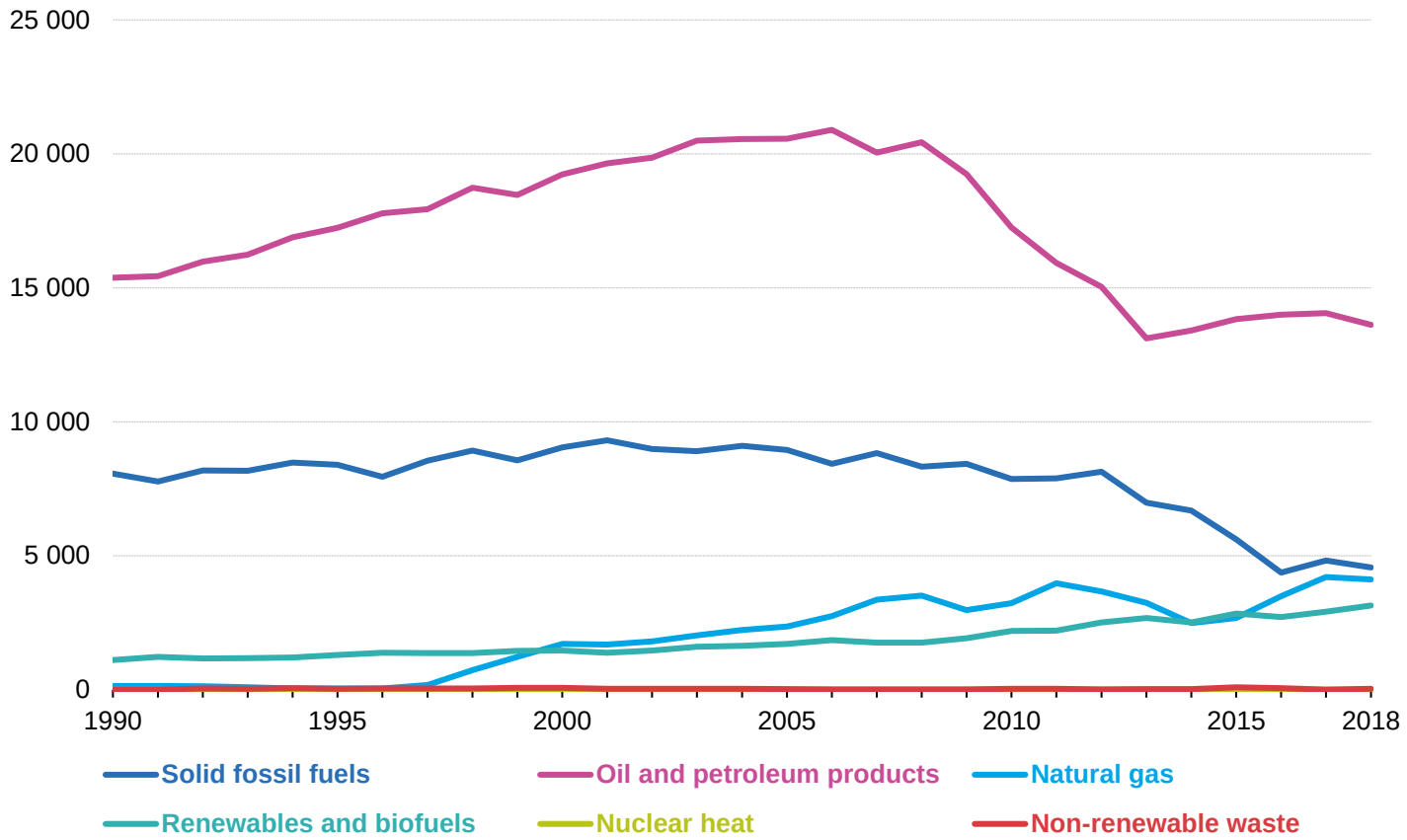
Greece	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	31 055	30 290	29 512	26 189	25 859	25 871	25 374	26 529	26 009
Solid fossil fuels	7 863	7 887	8 135	6 981	6 687	5 606	4 369	4 817	4 564
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	20 655	18 093	22 243	23 430	25 578	26 189	27 786	29 241	30 000
Petroleum products	17 246	15 926	15 039	13 113	13 403	13 832	13 994	14 057	13 618
Natural gas	3 234	3 972	3 662	3 236	2 484	2 677	3 490	4 204	4 117
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	2 189	2 199	2 508	2 676	2 506	2 840	2 704	2 915	3 141
Non-renewable wastes	32	28	15	21	21	89	60	0	29
Primary production	9 492	9 679	10 477	9 366	8 859	8 530	6 772	7 491	7 535
Solid fossil fuels	7 315	7 505	8 045	6 728	6 384	5 675	3 973	4 567	4 275
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	105	89	86	64	58	57	160	129	201
Natural gas	8	6	7	6	5	5	10	9	13
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	2 033	2 050	2 325	2 547	2 391	2 704	2 569	2 785	3 017
Non-renewable wastes	32	28	15	21	21	89	60	0	29
Net imports	21 300	19 590	19 444	16 172	16 926	18 381	18 500	18 910	18 380
Solid fossil fuels	401	232	185	225	194	159	190	229	234
Crude oil	19 124	15 701	20 531	19 137	20 604	21 832	23 122	23 319	23 938
Gas/Diesel Oil (w/o bio)	-501	-186	-3 407	-4 439	-5 746	-5 655	-6 334	-6 075	-6 680
Motor Gasoline (w/o bio)	-1 052	-864	-2 104	-1 770	-2 333	-2 387	-2 983	-3 798	-4 358
Naphtha	-364	-354	-439	-838	-758	-971	-970	-478	-385
LPG	-377	-204	-179	-151	-225	-124	-238	-292	-337
All other oil & petroleum products	17 021	14 959	15 247	12 422	13 393	14 591	13 952	13 789	13 337
Natural gas	3 231	3 974	3 674	3 235	2 467	2 674	3 462	4 225	4 145
Transformation input	35 282	32 271	38 489	36 338	39 534	40 120	41 621	44 657	45 669
Electricity & heat generation	12 082	12 319	12 547	11 342	10 266	9 589	9 070	10 140	9 765
Refinery intake	21 889	19 065	23 559	23 890	27 172	28 086	29 785	31 307	32 302
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	28 758	25 516	31 738	30 311	34 212	35 615	37 998	40 045	41 368
Electricity & heat generation	4 981	5 165	5 287	4 956	4 389	4 510	4 732	4 803	4 632
Refinery output	22 454	19 475	24 049	24 257	27 758	28 670	30 499	32 022	33 132
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	1 632	1 514	1 896	1 943	1 843	1 785	1 921	2 069	1 996
Distribution losses	343	258	158	335	357	429	350	104	461
Available for final consumption	19 164	18 270	17 800	15 090	15 694	16 546	16 883	16 623	15 977
Solid fossil fuels	297	206	223	206	204	204	209	216	273
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	5 621	5 211	4 305	3 165	3 595	4 023	3 954	3 941	3 699
Motor Gasoline (w/o bio)	3 962	3 396	3 183	2 780	2 614	2 551	2 522	2 447	2 403
Naphtha	117	39	68	19	4	5	3	7	25
LPG	335	360	447	463	499	532	554	560	593
All other oil & petroleum products	11 867	10 557	10 079	8 017	8 597	9 021	9 425	8 782	8 389
Natural gas	1 138	1 546	1 407	1 250	1 189	1 340	1 233	1 277	1 328
Primary solid biofuels & charcoal	823	1 033	1 133	922	927	1 010	849	857	827
Liquid biofuels	125	103	124	136	149	159	164	164	167
All other renewable energies	1 249	1 454	1 574	1 380	1 398	1 500	1 349	1 656	1 680
Non-renewable wastes	0	0	0	0	0	65	28	0	0
Electricity	4 567	4 454	4 473	4 195	4 256	4 367	4 588	4 641	4 254
Heat	46	54	45	42	50	50	51	51	52
Statistical difference	-318	-798	672	-228	185	105	411	33	-98
Final non-energy consumption	1 108	883	725	650	705	700	593	869	906
Final energy consumption	18 374	18 185	16 403	14 668	14 804	15 741	15 879	15 721	15 169
Industry	3 473	3 323	2 995	2 836	3 088	3 128	3 073	2 763	2 743
Transport	7 477	6 706	5 616	5 609	5 635	5 753	5 897	5 815	5 904
Other sectors	7 424	8 157	7 792	6 224	6 080	6 859	6 909	7 143	6 522
Services	1 957	1 870	1 941	1 821	1 714	1 875	2 038	2 192	2 095
Households	4 666	5 526	5 096	3 821	3 845	4 461	4 349	4 413	3 917

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	28 345	27 537	27 263	24 069	23 994	24 088	23 655	24 105	23 501
Primary energy consumption	27 237	26 655	26 538	23 418	23 289	23 389	23 062	23 235	22 594
Final energy consumption	19 056	18 925	17 061	15 342	15 582	16 565	16 758	16 418	15 935

Source: Eurostat (nrg_bal_c)

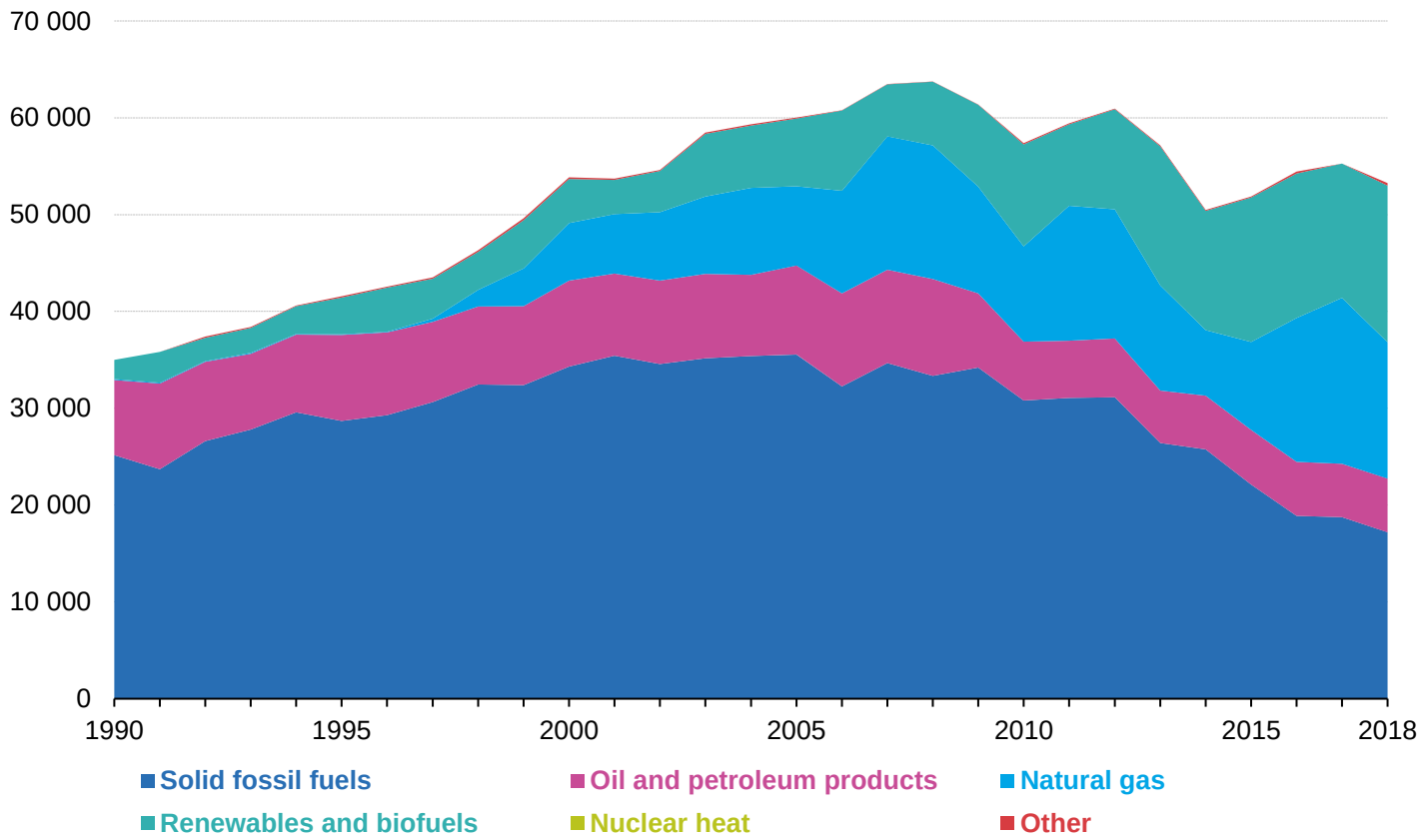
Greece

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

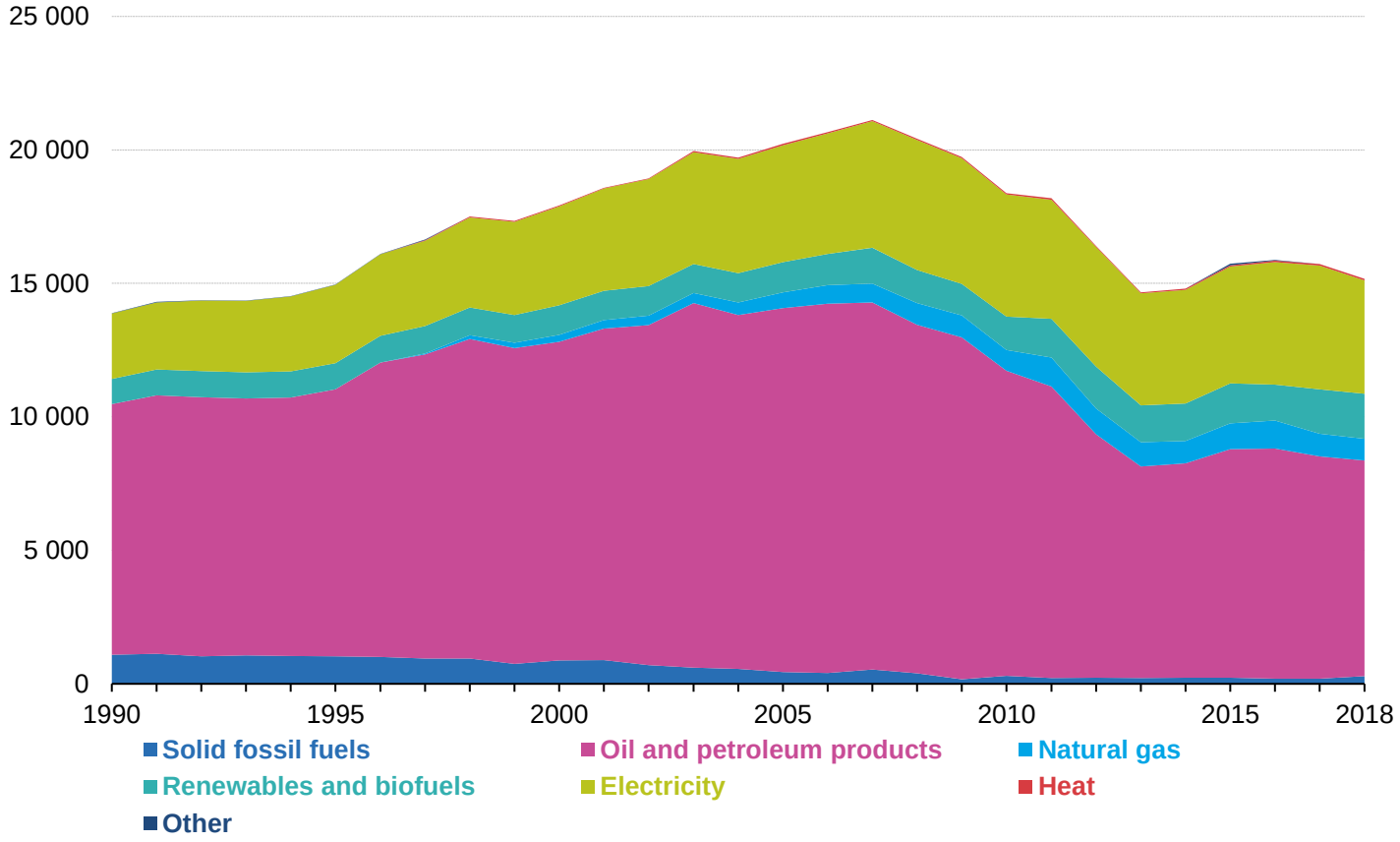


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

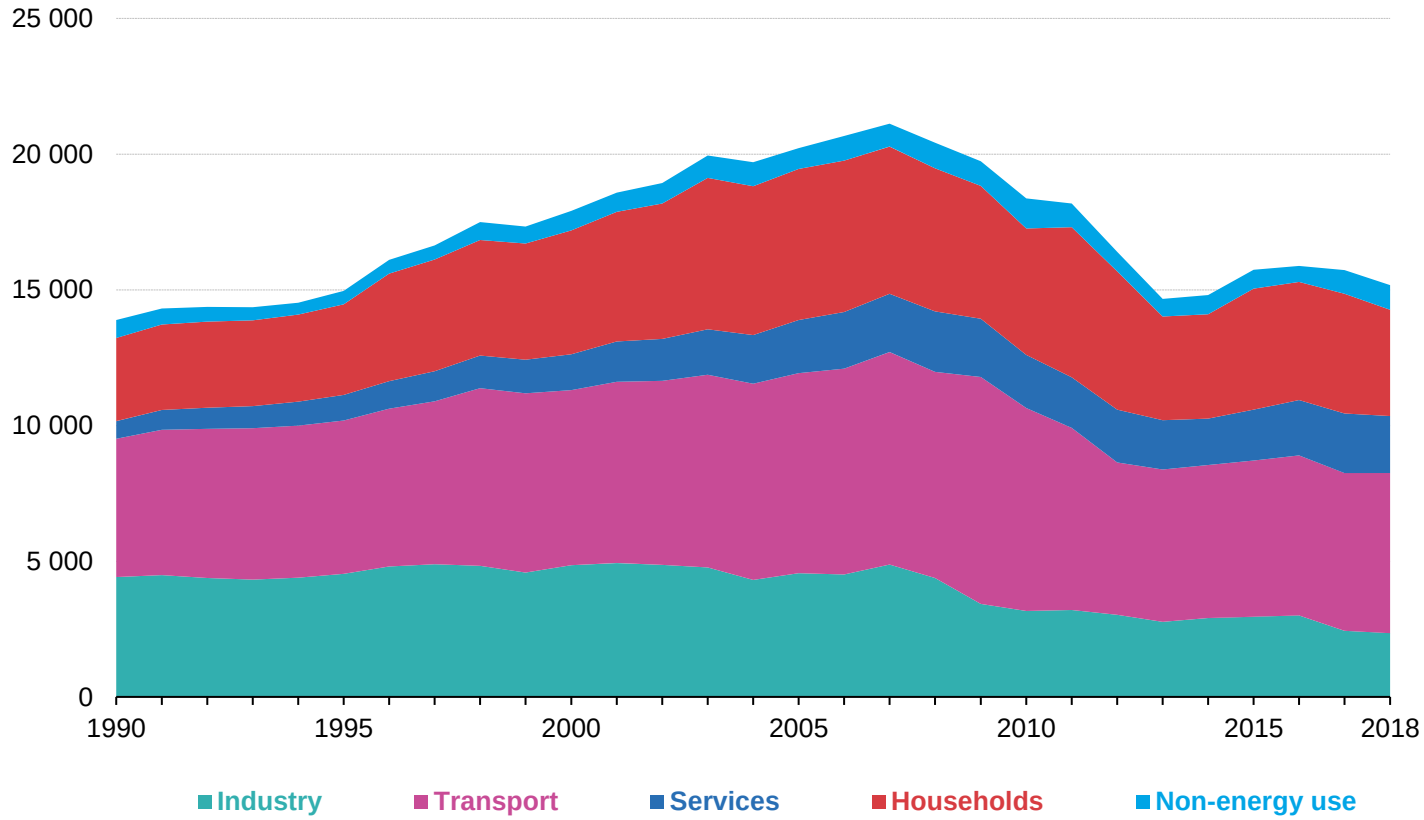
Greece

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	57 152	50 474	51 874	54 438	55 266	53 263	48 749 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	3	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	26 403	25 746	22 107	18 883	18 765	17 185	10 805 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	26 406	25 746	22 107	18 883	18 765	17 185	10 805 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	10 860	6 776	9 090	14 868	17 113	14 080	16 303 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	10 860	6 776	9 090	14 868	17 113	14 080	16 303 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	750	726	779	567	384	634	634 P
Liquefied petroleum gases	16	14	0	105	15	5	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	942	986	1 106	1 080	1 203	1 115	0 P
Fuel oil	3 706	3 818	3 778	3 813	3 908	3 793	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	3 838 P
Sub-total	5 414	5 544	5 663	5 565	5 510	5 547	4 471 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	6 384	4 607	6 150	5 565	4 040	5 760	4 059 P
Geothermal	0	0	0	0	0	0	0 P
Wind	4 139	3 689	4 621	5 146	5 537	6 300	7 278 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	3 648	3 792	3 900	3 930	3 991	3 791	3 961 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	0	0	1	5	10	12	0 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	216	220	230	270	300	302	1 567 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	14 387	12 308	14 902	14 915	13 878	16 165	16 865 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	85	100	112	207	0	286	286 E
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	85	100	112	207	0	286	286 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	18 P
Sub-total	0	0	0	0	0	0	18 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	302	274	281	333	376	434	328 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	54 386	51 878	44 267	34 230	38 061	36 669	26 314 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	150 552	115 570	124 530	162 342	195 555	191 534	208 840 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	23 314	25 844	26 901	28 375	29 149	30 301	27 557 P
Refinery intake	24 027	27 572	28 450	30 236	31 618	32 616	30 055 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	3 760	3 647	4 519	4 404	4 363	3 859	5 132 P
Export	14 032	15 492	16 151	18 066	18 961	19 975	18 099 P
Total refinery output	24 034	27 516	28 427	30 217	31 766	32 771	30 222 P
Gas oil and diesel oil	8 085	9 520	10 369	10 701	10 797	10 975	10 252 P
Motor gasoline	4 205	4 649	4 611	5 169	5 291	5 351	5 066 P
Fuel oil	5 447	6 043	5 676	6 150	7 028	6 551	5 172 P
Naphtha	913	1 327	1 471	1 657	1 616	1 795	1 618 P
Kerosene-type jet fuel	2 371	2 237	2 079	2 328	2 431	3 136	2 813 P
All other oil products	3 013	3 740	4 221	4 212	4 603	4 963	5 301 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	38 868	38 947	42 445	35 809	36 100	34 925	34 158 P
Charcoal [kt]	63	57	62	63	63	77	61 P
Biogases [TJ]	3 704	3 640	3 826	4 258	4 484	4 724	5 221 P
Pure biogasoline [kt]	0	0	0	0	0	0	41 P
Pure biodiesels [kt]	159	177	185	191	195	197	200 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	883	868	3 732	2 517	0	1 213	1 213 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	481	490	410	423	370	371	337 P
Solar thermal	10 338	10 602	10 856	11 071	11 365	11 607	11 968 P
Ambinet heat (heat pumps)	0	0	0	0	12 139	13 555	14 875 P

Source: Eurostat (nrg_cb_rw)

Spain ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	34 640.1	882.9	Z	0.0	0.0	87.9	75.5	18 790.0	325.1	14 478.8	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	132 504.0	9 297.9	0.0	0.0	0.0	89 184.2	30 291.9	1 664.9	0.0	Z	0.0	2 065.2
- Exports	31 683.2	317.5	0.0	0.0	0.0	25 343.4	2 825.4	2 086.2	0.0	Z	0.0	1 110.6
+ Change in stock	2 095.7	1 652.8	0.0	0.0	0.0	584.7	-459.8	318.0	0.0	Z	Z	Z
= Gross available energy	**137 556.7**	**11 516.0**	**0.0**	**0.0**	**0.0**	**64 513.4**	**27 082.1**	**18 686.7**	**325.1**	**14 478.8**	**0.0**	**954.6**
- International maritime bunkers	7 001.0	0.0	0.0	0.0	0.0	7 001.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**130 555.7**	**11 516.0**	**0.0**	**0.0**	**0.0**	**57 512.4**	**27 082.1**	**18 686.7**	**325.1**	**14 478.8**	**0.0**	**954.6**
- International aviation	4 772.5	Z	Z	Z	Z	4 772.5	Z	0.0	Z	Z	Z	Z
= Total energy supply	**125 783.1**	**11 516.0**	**0.0**	**0.0**	**0.0**	**52 739.8**	**27 082.1**	**18 686.7**	**325.1**	**14 478.8**	**0.0**	**954.6**
Transformation input	**136 370.7**	**11 929.3**	**283.6**	**0.0**	**0.0**	**86 703.2**	**8 978.7**	**13 401.1**	**320.9**	**14 478.8**	**0.0**	**275.1**
+ Electricity & heat generation	48 240.9	9 344.7	283.6	0.0	0.0	2 976.9	8 978.7	11 582.3	320.9	14 478.8	0.0	275.1
+ Coke ovens	1 285.1	1 285.1	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	1 299.5	1 299.5	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	83 726.3	Z	Z	Z	Z	83 726.3	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	7.3	Z	0.0	Z	Z	0.0	Z	7.3	Z	Z	Z	Z
+ Liquid biofuels blended	1 679.9	Z	Z	Z	Z	Z	Z	1 679.9	Z	Z	Z	Z
+ Charcoal production plants	131.6	Z	Z	Z	Z	Z	Z	131.6	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**110 373.6**	**981.8**	**692.7**	**0.0**	**Z**	**83 386.7**	**7.3**	**1 706.4**	**Z**	**Z**	**0.0**	**23 598.6**
+ Electricity & heat generation	23 598.6	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	23 598.6
+ Coke ovens	1 207.8	981.8	225.9	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	466.8	0.0	466.8	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	83 386.7	Z	Z	Z	Z	83 386.7	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	7.3	Z	Z	Z	Z	Z	7.3	Z	Z	Z	Z	Z
+ Liquid biofuels blended	1 679.9	Z	Z	Z	Z	Z	Z	1 679.9	Z	Z	Z	Z
+ Charcoal production plants	26.5	Z	Z	Z	Z	Z	Z	26.5	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**9 686.3**	**48.3**	**127.3**	**0.0**	**0.0**	**4 886.7**	**3 082.2**	**0.1**	**0.0**	**Z**	**0.0**	**1 541.6**
+ Own use in electricity & heat genera	913.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	Z	0.0	913.6
+ Coal mines	47.4	0.0	0.0	0.0	0.0	13.4	2.8	0.0	0.0	Z	0.0	31.2
+ Oil & natural gas extraction plants	42.3	Z	Z	Z	Z	2.1	0.0	0.0	Z	Z	0.0	40.2
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	297.3	48.3	127.3	0.0	0.0	0.0	119.6	0.0	0.0	Z	0.0	2.2
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	8 042.9	0.0	0.0	0.0	0.0	4 871.3	2 861.3	0.0	0.0	Z	0.0	310.3
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	342.6	0.0	0.0	0.0	0.0	0.0	98.5	0.0	0.0	Z	0.0	244.1
Distribution losses	**2 374.2**	**0.0**	**50.8**	**0.0**	**0.0**	**0.0**	**137.9**	**0.0**	**0.0**	**Z**	**0.0**	**2 185.5**
Available for final consumption	**87 725.7**	**520.3**	**231.0**	**0.0**	**0.0**	**44 536.6**	**14 890.6**	**6 991.9**	**4.2**	**0.0**	**0.0**	**20 551.1**
Final non-energy consumption	**5 226.0**	**49.3**	**0.0**	**0.0**	**0.0**	**4 713.0**	**463.7**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**82 019.9**	**474.8**	**231.0**	**0.0**	**0.0**	**39 542.3**	**14 271.4**	**6 991.9**	**4.2**	**Z**	**0.0**	**20 504.3**
+ Industry	20 219.0	260.1	231.0	0.0	0.0	2 976.8	8 316.8	1 670.8	0.0	Z	0.0	6 763.5
+ Iron & steel	2 235.5	77.3	231.0	0.0	0.0	78.4	547.4	0.0	0.0	Z	0.0	1 301.5
+ Chemical & petrochemical	3 508.5	136.5	0.0	0.0	0.0	128.2	2 452.8	5.1	0.0	Z	0.0	785.9
+ Non-ferrous metals	1 299.7	11.1	0.0	0.0	0.0	68.1	434.6	0.3	0.0	Z	0.0	785.6
+ Non-metallic minerals	4 093.3	8.6	0.0	0.0	0.0	1 452.6	1 858.9	232.3	0.0	Z	0.0	540.8
+ Transport equipment	595.4	0.0	0.0	0.0	0.0	28.2	194.1	0.3	0.0	Z	0.0	372.7
+ Machinery	908.5	0.0	0.0	0.0	0.0	107.1	369.2	1.0	0.0	Z	0.0	431.2
+ Mining & quarrying	452.3	0.0	0.0	0.0	0.0	152.1	135.4	1.8	0.0	Z	0.0	162.9
+ Food, beverages & tobacco	2 362.1	26.6	0.0	0.0	0.0	283.9	975.3	217.0	0.0	Z	0.0	859.3
+ Paper, pulp & printing	1 730.1	0.0	0.0	0.0	0.0	85.0	580.2	588.6	0.0	Z	0.0	476.3
+ Wood & wood products	539.5	0.0	0.0	0.0	0.0	23.3	74.0	320.6	0.0	Z	0.0	121.6
+ Construction	1 217.9	0.0	0.0	0.0	0.0	504.5	413.7	37.2	0.0	Z	0.0	262.4
+ Textile & leather	296.2	0.0	0.0	0.0	0.0	25.7	135.7	3.0	0.0	Z	0.0	131.8
+ Not elsewhere specified (industry)	781.2	0.0	0.0	0.0	0.0	39.7	145.7	64.6	0.0	Z	0.0	531.3
+ Transport	32 531.0	0.0	0.0	0.0	0.0	30 298.7	203.1	1 681.3	0.0	Z	Z	347.9
+ Rail	394.5	0.0	0.0	0.0	0.0	81.1	Z	0.0	0.0	Z	Z	313.3
+ Road	28 735.3	Z	Z	Z	Z	26 900.3	150.3	1 674.9	0.0	Z	Z	9.8
+ Domestic aviation	2 249.9	Z	Z	Z	Z	2 249.9	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	991.2	0.0	0.0	0.0	0.0	990.3	Z	0.9	0.0	Z	Z	Z
+ Pipeline transport	75.4	Z	Z	Z	Z	0.0	52.8	0.0	Z	Z	Z	22.5
+ Not elsewhere specified (transport	84.8	0.0	0.0	0.0	0.0	77.1	0.0	5.5	0.0	Z	Z	2.2
+ Other	29 269.8	214.6	0.0	0.0	0.0	6 266.7	5 751.4	3 639.8	4.2	Z	0.0	13 392.9
+ Commercial & public services	11 184.8	0.0	0.0	0.0	0.0	1 350.5	2 831.0	592.1	4.2	Z	0.0	6 407.0
+ Households	15 008.0	68.4	0.0	0.0	0.0	2 793.2	2 740.3	2 956.7	0.0	Z	0.0	6 449.4
+ Agriculture & forestry	2 457.6	0.0	0.0	0.0	0.0	1 798.0	150.8	77.6	0.0	Z	0.0	431.1
+ Fishing	295.4	0.0	0.0	0.0	0.0	288.9	0.0	6.5	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	324.1	146.3	0.0	0.0	0.0	36.1	29.3	6.9	0.0	Z	0.0	105.5
Statistical differences	**479.8**	**-3.8**	**0.0**	**0.0**	**0.0**	**281.3**	**155.5**	**0.0**	**0.0**	**0.0**	**0.0**	**46.8**
Gross electricity production	23 590.5	3 210.7	118.2	0.0	0.0	1 246.6	4 987.4	9 144.8	87.7	4 795.0	Z	Z
Gross heat production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

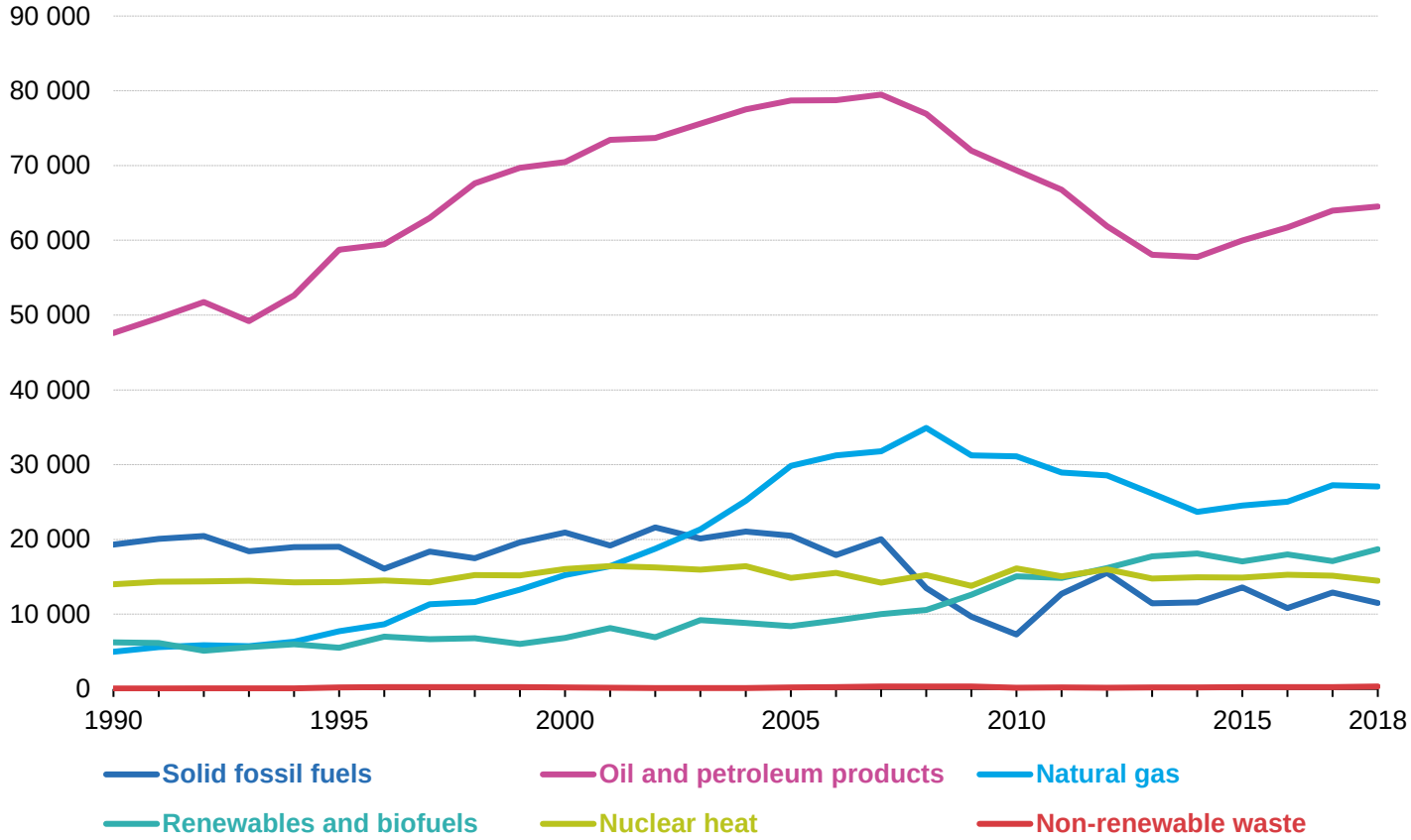
Spain	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	138 409	137 968	137 338	127 851	125 967	130 292	131 747	137 451	137 557
Solid fossil fuels	7 281	12 716	15 519	11 448	11 568	13 583	10 836	12 908	11 516
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	57 051	56 616	61 595	60 908	61 316	65 952	65 027	66 135	68 283
Petroleum products	69 341	66 749	61 880	58 081	57 768	59 962	61 703	63 981	64 513
Natural gas	31 130	28 936	28 575	26 163	23 667	24 539	25 040	27 267	27 082
Nuclear heat	16 135	15 045	15 991	14 785	14 931	14 903	15 273	15 131	14 479
Renewable energies	15 065	14 851	16 161	17 755	18 122	17 065	18 000	17 115	18 687
Non-renewable wastes	174	195	176	200	204	252	235	260	325
Primary production	34 421	31 998	33 475	34 741	35 457	34 014	34 695	34 274	34 640
Solid fossil fuels	3 296	2 649	2 461	1 763	1 628	1 246	736	1 128	883
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	124	101	143	372	308	234	142	121	88
Natural gas	45	45	52	50	21	54	48	24	75
Nuclear heat	16 135	15 045	15 991	14 785	14 931	14 903	15 273	15 131	14 479
Renewable energies	14 647	13 963	14 653	17 572	18 365	17 324	18 260	17 610	18 790
Non-renewable wastes	174	195	176	200	204	252	235	260	325
Net imports	106 677	104 981	100 075	89 572	91 480	94 850	93 957	101 326	100 821
Solid fossil fuels	6 757	8 612	11 608	7 590	8 710	10 240	7 746	10 914	8 980
Crude oil	53 002	52 685	59 414	58 468	59 663	65 394	64 833	66 639	68 283
Gas/Diesel Oil (w/o bio)	9 914	6 335	518	-762	-1 301	-778	-605	-1 539	-1 448
Motor Gasoline (w/o bio)	-3 449	-3 416	-3 489	-3 523	-3 370	-4 907	-4 531	-4 335	-4 133
Naphtha	978	1 486	58	701	796	923	711	1 686	112
LPG	647	362	62	-81	246	435	1 108	828	1 008
All other oil & petroleum products	69 260	66 611	59 874	56 545	58 728	61 251	61 232	62 605	63 841
Natural gas	30 950	29 403	28 074	25 802	24 504	23 775	24 725	27 619	27 466
Transformation input	121 904	122 746	131 469	124 661	125 253	133 100	130 658	135 774	136 371
Electricity & heat generation	49 932	50 706	53 357	48 564	48 499	50 753	48 216	50 554	48 241
Refinery intake	58 843	57 822	62 575	61 715	61 836	66 351	66 386	67 528	69 440
Coke ovens	1 846	1 894	1 664	1 468	1 412	1 416	1 434	1 398	1 285
Blast furnaces	1 212	1 221	1 103	1 500	1 311	1 410	1 281	1 408	1 300
Transformation output	96 882	96 094	102 451	99 388	99 336	105 368	104 770	107 247	110 374
Electricity & heat generation	25 927	25 266	25 585	24 560	23 968	24 154	23 626	23 708	23 599
Refinery output	58 739	57 757	62 359	61 493	61 244	66 213	66 029	66 892	68 752
Coke ovens	1 834	1 688	1 467	1 463	1 302	1 325	1 276	1 268	1 208
Blast furnaces	400	439	408	446	491	568	531	463	467
Energy sector	7 850	7 511	8 807	8 519	8 597	9 315	9 702	9 767	9 686
Distribution losses	2 570	2 420	2 422	2 515	2 480	2 570	2 596	2 204	2 374
Available for final consumption	91 425	89 044	85 000	80 637	77 416	79 232	81 842	85 690	87 726
Solid fossil fuels	-188	868	987	480	-371	-91	388	285	520
Manufactured gases	298	309	275	260	224	228	229	237	231
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	29 925	27 759	25 410	25 754	25 686	26 966	27 460	28 398	28 530
Motor Gasoline (w/o bio)	5 614	5 210	4 874	4 628	4 525	4 568	4 789	4 966	5 206
Naphtha	2 263	2 148	1 493	1 567	1 529	1 555	1 305	1 509	1 024
LPG	2 060	1 851	1 767	1 745	1 836	2 090	2 754	2 572	3 006
All other oil & petroleum products	50 037	46 723	41 504	39 343	37 853	39 845	41 227	44 086	44 537
Natural gas	14 829	14 489	15 377	15 643	14 755	13 577	13 908	14 114	14 891
Primary solid biofuels & charcoal	3 652	3 790	3 850	3 745	3 734	3 926	4 005	4 065	4 099
Liquid biofuels	1 420	1 701	2 100	899	969	983	1 116	1 287	1 722
All other renewable energies	5 351	5 793	6 270	5 053	5 440	5 715	6 035	6 393	6 992
Non-renewable wastes	0	0	0	0	0	2	6	7	4
Electricity	21 100	20 861	20 587	19 858	19 516	19 956	20 049	20 569	20 551
Heat	0	0	0	0	0	0	0	0	0
Statistical difference	-1 162	-154	-3	-487	-1 875	-1 306	-1 200	796	480
Final non-energy consumption	7 110	6 842	6 043	5 067	4 138	4 350	4 977	4 925	5 226
Final energy consumption	85 477	82 355	78 961	76 056	75 152	76 189	78 065	79 970	82 020
Industry	20 777	20 602	20 088	19 589	19 295	18 209	18 154	19 552	20 219
Transport	34 214	32 422	29 733	28 170	28 392	29 405	30 589	31 701	32 531
Other sectors	30 486	29 331	29 139	28 298	27 465	28 575	29 323	28 717	29 270
Services	9 790	10 232	10 116	9 680	8 962	10 603	11 231	11 155	11 185
Households	16 964	15 662	15 559	14 918	14 814	15 001	15 209	14 619	15 008

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	129 990	129 364	128 939	120 624	117 824	122 385	123 705	130 142	129 813
Primary energy consumption	122 880	122 522	122 896	115 557	113 686	118 036	118 729	125 217	124 587
Final energy consumption	89 411	86 875	83 348	80 931	79 398	80 566	82 493	84 868	86 883

Source: Eurostat (nrg_bal_c)

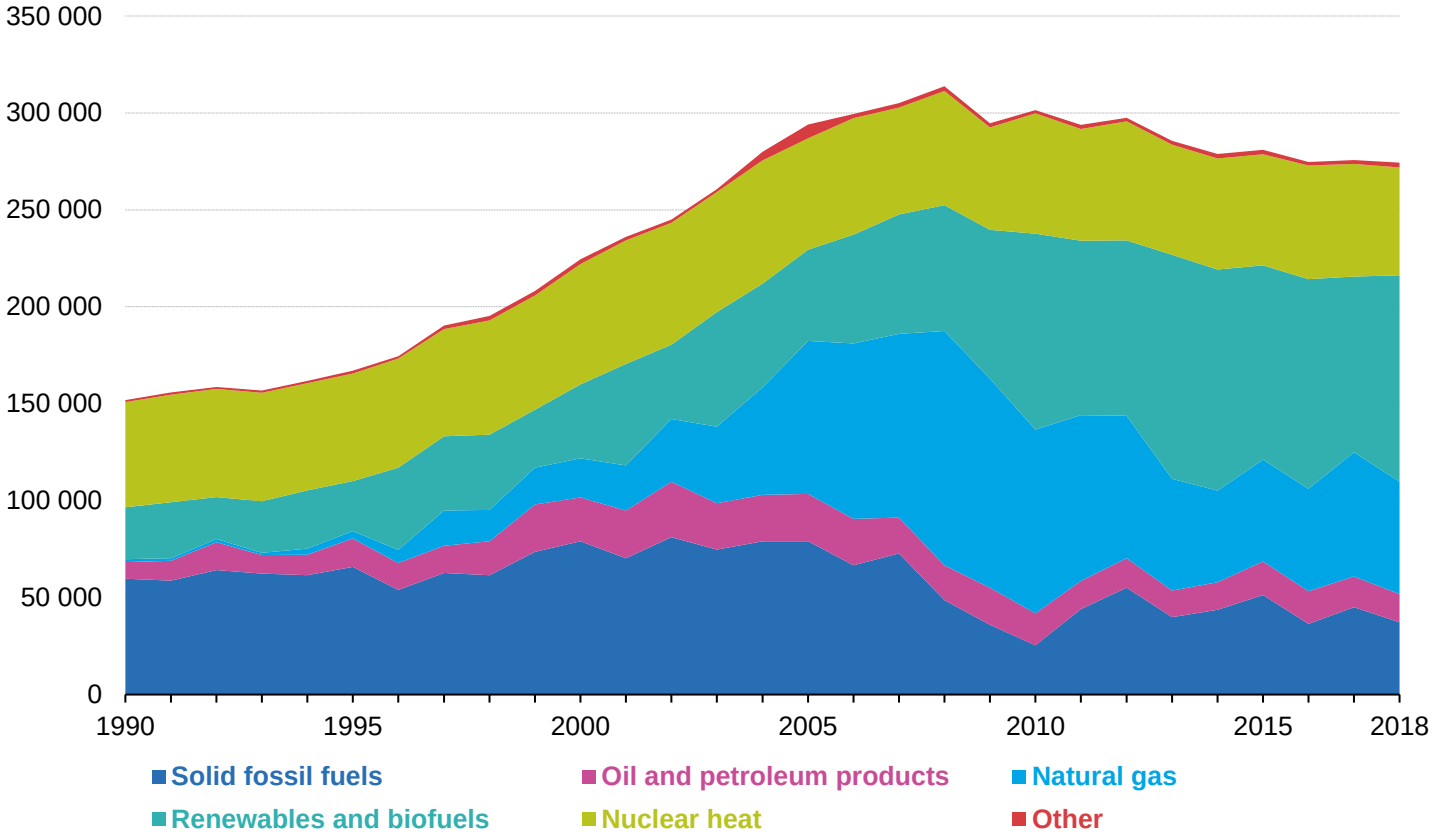
Spain

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

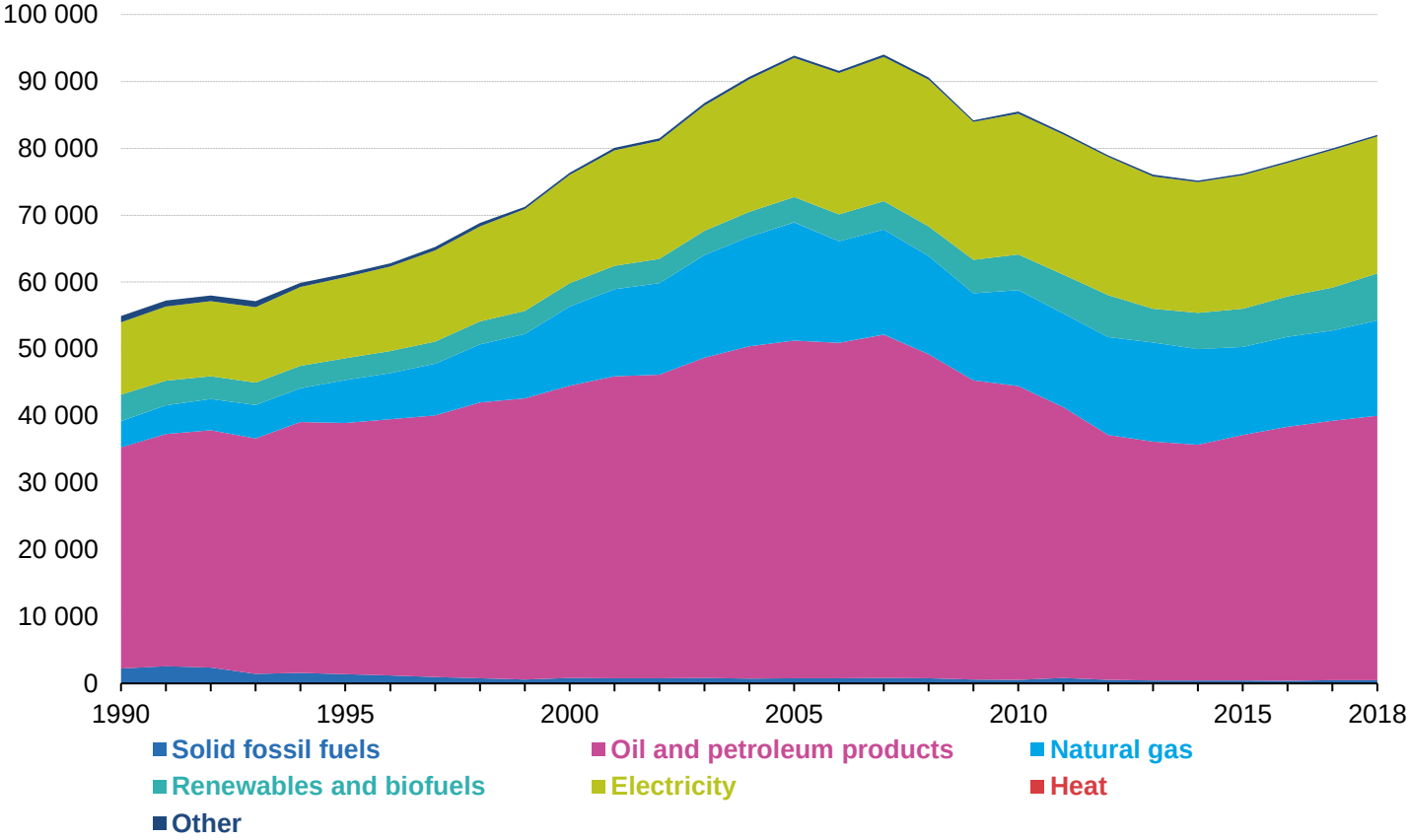


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

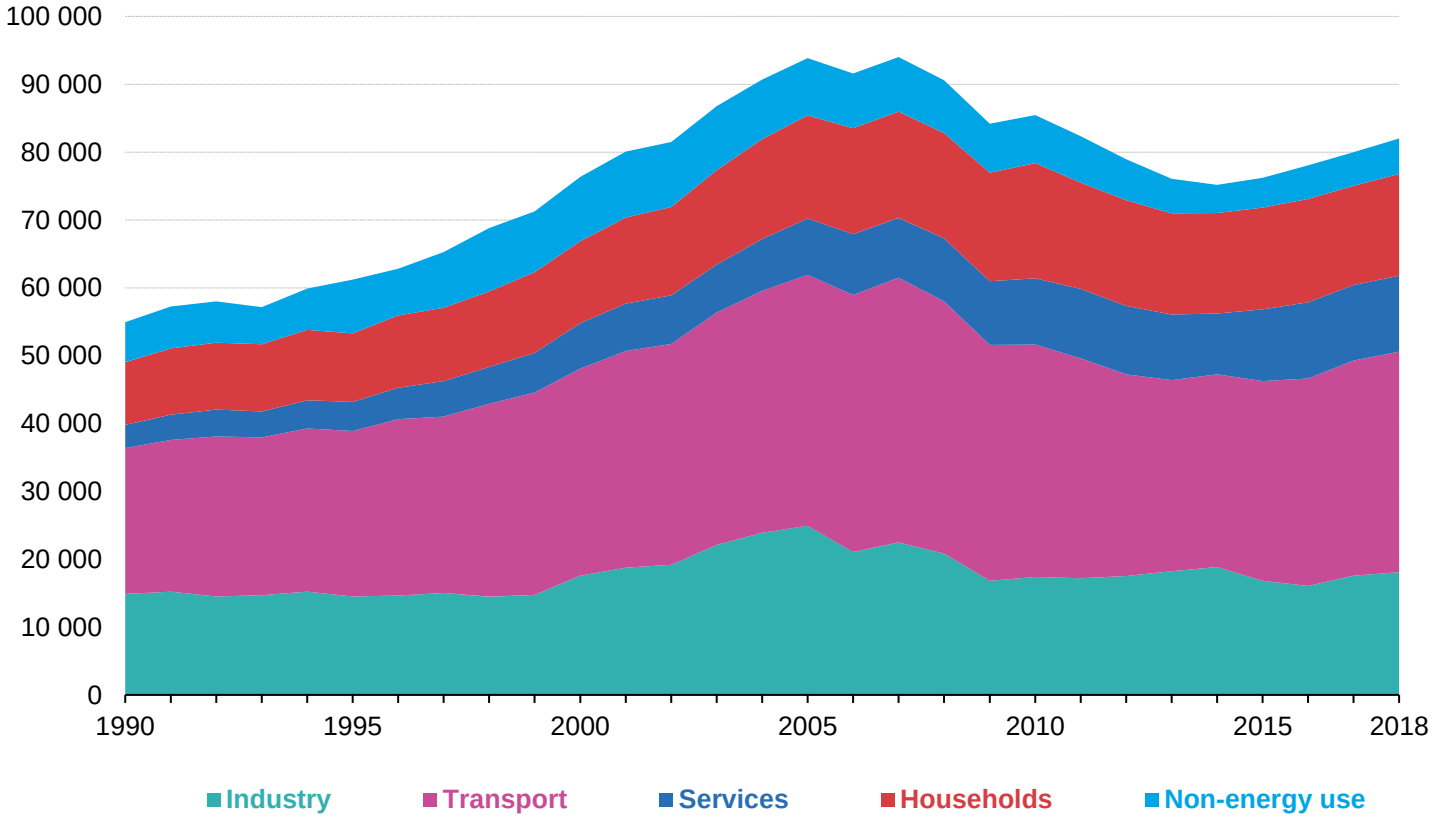
Spain

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Spain

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	285 631	278 749	280 911	274 772	275 726	274 452	274 192 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	4 325	4 406	4 839	3 090	2 223	884	92 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	33 372	36 468	43 289	31 498	40 340	34 719	12 048 P
Sub-bituminous coal	2 244	2 933	3 238	1 846	2 564	1 738	944 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	39 941	43 807	51 366	36 434	45 127	37 341	13 084 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	57 536	47 273	52 498	52 820	64 037	58 004	84 455 P
Coke oven gas	266	246	127	101	106	114	113 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	1 125	1 242	1 183	918	1 116	1 261	1 037 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	58 927	48 761	53 808	53 839	65 259	59 379	85 605 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	502	511	599	607	568	480 P
Liquefied petroleum gases	0	1	1	8	2	0	10 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	4 532	4 752	4 342	3 966	4 004	4 120	4 106 P
Fuel oil	8 180	7 750	8 535	9 331	9 448	8 818	7 972 P
Petroleum coke	1 051	1 116	3 852	3 017	1 705	992	86 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	13 763	14 121	17 241	16 921	15 766	14 498	12 654 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	41 052	42 970	31 368	39 865	21 070	36 803	26 810 P
Geothermal	0	0	0	0	0	0	0 P
Wind	55 646	52 013	49 325	48 905	49 127	50 896	55 591 P
Solar thermal	4 770	5 455	5 593	5 579	5 883	4 867	5 683 P
Solar photovoltaic	8 326	8 218	8 266	8 064	8 514	7 877	9 354 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	4 143	3 821	4 014	4 048	4 365	4 221	4 099 P
Liquid biofuels	0	0	0	0	0	12	12 P
Biogases	973	907	982	906	941	923	921 P
Renewable municipal waste	682	686	768	735	772	755	765 P
Sub-total	115 592	114 069	100 316	108 102	90 672	106 354	103 235 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	265	269 P
Non-renewable municipal waste	682	686	768	735	772	755	765 P
Sub-total	682	686	768	735	772	1 020	1 034 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	56 726	57 305	57 196	58 633	58 039	55 766	58 448 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	216	108	91	94	132 P
Sub-total	56 726	57 305	57 412	58 741	58 130	55 860	58 580 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	2 264	1 962	1 895	1 469	1 399	830	317 P
Coking coal	2 108	1 856	1 834	1 862	1 802	1 589	1 043 P
Other bituminous coal	14 565	15 397	18 408	14 481	18 020	16 517	6 153 P
Sub-bituminous coal	1 673	2 170	2 277	1 380	1 930	1 380	730 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	1 784	1 635	1 793	1 516	1 701	1 604	1 422 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	65	62	65	60	58	56	43 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	1 217 097	1 100 956	1 141 513	1 164 848	1 268 764	1 260 198	1 437 682 P
Coke oven gas	13 598	12 690	13 005	12 463	10 927	10 510	9 424 P
Gas works gas	26	14	10	14	0	0	0 P
Blast furnace gas	18 674	20 547	23 789	22 251	19 398	19 545	17 272 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	63 567	64 014	67 582	67 172	69 197	69 749	69 054 P
Refinery intake	61 037	61 169	65 663	65 696	66 825	68 717	66 539 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	14 329	15 479	16 100	18 299	19 965	18 708	17 799 P
Export	18 547	18 339	20 568	21 707	23 606	22 946	20 400 P
Total refinery output	60 501	60 290	64 967	64 893	65 766	67 599	65 631 P
Gas oil and diesel oil	26 783	27 110	27 467	26 644	27 143	27 167	27 013 P
Motor gasoline	7 471	7 275	9 105	9 555	9 101	9 211	9 087 P
Fuel oil	5 296	4 482	3 984	5 109	5 532	6 000	5 056 P
Naphtha	345	304	1 240	1 194	1 368	1 756	1 438 P
Kerosene-type jet fuel	149	197	226	214	189	381	454 P
All other oil products	20 457	20 922	22 945	22 177	22 433	23 084	22 583 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	224 214	220 876	220 234	223 019	229 375	227 791	226 472 P
Charcoal [kt]	36	36	36	36	36	36	36 P
Biogases [TJ]	20 072	14 791	10 954	10 264	10 943	11 089	11 095 P
Pure biogasoline [kt]	264	294	298	210	217	241	204 P
Pure biodiesels [kt]	825	882	894	1 110	1 298	1 725	1 702 P
Other liquid biofuels [kt]	0	0	0	0	0	3	3 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	8 362	8 549	10 551	9 849	10 872	10 640	10 777 P
Non-renewable municipal waste	8 362	8 549	10 551	9 849	10 872	10 640	10 777 P
Industrial waste (non-renewable)	0	0	0	0	0	2 971	3 010 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	758	789	789	789	789	789	789 P
Solar thermal	88 435	100 520	103 552	104 013	109 641	93 602	107 668 P
Ambinet heat (heat pumps)	0	13 895	17 714	21 712	26 262	31 075	36 107 P

Source: Eurostat (nrg_cb_rw)

France ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	137 928.1	0.0	Z	0.0	0.0	874.1	7.7	27 617.2	1 800.4	107 628.7	0.0	Z
+ Recovered & recycled products	98.5	0.0	Z	0.0	0.0	98.5	Z	0.0	Z	Z	Z	Z
+ Imports	152 791.2	9 174.9	0.0	0.0	0.0	97 196.5	43 782.2	1 471.5	0.0	Z	0.0	1 166.1
- Exports	33 288.9	33.2	0.0	0.0	0.0	20 274.3	5 319.5	1 081.1	0.0	Z	0.0	6 580.8
+ Change in stock	-980.3	-91.8	0.0	0.0	0.0	842.1	-1 744.7	14.0	0.0	Z	Z	Z
= Gross available energy	**256 548.6**	**9 049.9**	**0.0**	**0.0**	**0.0**	**78 736.9**	**36 725.8**	**28 021.6**	**1 800.4**	**107 628.7**	**0.0**	**-5 414.7**
- International maritime bunkers	1 837.3	0.0	0.0	0.0	0.0	1 837.3	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**254 711.3**	**9 049.9**	**0.0**	**0.0**	**0.0**	**76 899.6**	**36 725.8**	**28 021.6**	**1 800.4**	**107 628.7**	**0.0**	**-5 414.7**
- International aviation	5 802.2	Z	Z	Z	Z	5 802.2	Z	0.0	Z	Z	Z	Z
= Total energy supply	**248 909.1**	**9 049.9**	**0.0**	**0.0**	**0.0**	**71 097.4**	**36 725.8**	**28 021.6**	**1 800.4**	**107 628.7**	**0.0**	**-5 414.7**
Transformation input	**204 931.1**	**9 351.7**	**603.6**	**0.0**	**0.0**	**62 587.6**	**5 841.7**	**16 952.0**	**1 329.6**	**107 628.7**	**0.0**	**636.2**
+ Electricity & heat generation	133 171.3	2 135.9	603.6	0.0	0.0	1 492.3	5 841.7	13 503.3	1 329.6	107 628.7	0.0	636.2
+ Coke ovens	3 141.2	3 141.2	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	4 074.6	4 074.6	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	61 095.2	Z	Z	Z	Z	61 095.2	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	55.2	Z	0.0	Z	Z	0.0	Z	55.2	Z	Z	Z	Z
+ Liquid biofuels blended	3 393.5	Z	Z	Z	Z	Z	Z	3 393.5	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**122 565.3**	**2 234.2**	**1 993.2**	**0.0**	**Z**	**60 673.2**	**55.2**	**3 393.2**	**Z**	**Z**	**4 178.2**	**50 038.1**
+ Electricity & heat generation	54 216.3	Z	Z	Z	Z	Z	Z	Z	Z	Z	4 178.2	50 038.1
+ Coke ovens	2 829.5	2 234.2	595.2	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	1 397.9	0.0	1 397.9	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	60 673.2	Z	Z	Z	Z	60 673.2	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	55.2	Z	Z	Z	Z	Z	55.2	Z	Z	Z	Z	Z
+ Liquid biofuels blended	3 393.2	Z	Z	Z	Z	Z	Z	3 393.2	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**6 936.8**	**0.0**	**1 386.5**	**0.0**	**0.0**	**1 546.1**	**1 306.1**	**0.0**	**0.0**	**Z**	**0.0**	**2 698.2**
+ Own use in electricity & heat genera	2 052.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	2 051.2
+ Coal mines	2.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	Z	0.0	2.7
+ Oil & natural gas extraction plants	31.8	Z	Z	Z	Z	0.0	0.4	0.0	Z	Z	0.0	31.4
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	297.5	0.0	297.4	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	5.2
+ Blast furnaces	707.6	0.0	707.6	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	3 036.0	0.0	0.0	0.0	0.0	1 546.1	1 260.1	0.0	0.0	Z	0.0	229.8
+ Nuclear industry	93.1	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	93.1
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	710.7	0.0	380.5	0.0	0.0	0.0	45.5	0.0	0.0	Z	0.0	284.7
Distribution losses	**4 265.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**426.3**	**0.0**	**0.0**	**Z**	**520.1**	**3 319.3**
Available for final consumption	**155 340.6**	**1 932.4**	**3.1**	**0.0**	**0.0**	**67 637.0**	**29 207.0**	**14 462.7**	**470.8**	**0.0**	**3 658.1**	**37 969.6**
Final non-energy consumption	**13 391.1**	**295.3**	**0.0**	**0.0**	**0.0**	**11 770.6**	**1 325.1**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**139 828.6**	**1 175.4**	**0.0**	**0.0**	**0.0**	**54 340.6**	**27 881.8**	**14 444.2**	**470.8**	**Z**	**3 658.1**	**37 857.8**
+ Industry	27 263.3	1 111.2	0.0	0.0	0.0	2 501.7	9 678.3	1 401.4	389.3	Z	1 533.4	10 648.1
+ Iron & steel	1 931.4	61.5	0.0	0.0	0.0	29.5	802.5	0.3	0.0	Z	0.0	1 037.6
+ Chemical & petrochemical	3 946.0	362.4	0.0	0.0	0.0	105.0	1 667.2	71.9	13.8	Z	0.0	1 725.8
+ Non-ferrous metals	1 117.2	0.1	0.0	0.0	0.0	82.4	326.6	0.0	0.0	Z	0.0	708.1
+ Non-metallic minerals	3 856.4	267.8	0.0	0.0	0.0	581.3	1 814.0	139.3	344.7	Z	0.0	709.4
+ Transport equipment	1 100.9	6.4	0.0	0.0	0.0	25.5	431.2	5.6	0.1	Z	0.0	632.2
+ Machinery	1 850.1	24.5	0.0	0.0	0.0	105.2	606.5	3.5	0.2	Z	0.0	1 110.2
+ Mining & quarrying	379.6	0.0	0.0	0.0	0.0	198.8	32.1	10.2	0.0	Z	0.0	138.4
+ Food, beverages & tobacco	5 081.7	377.8	0.0	0.0	0.0	212.5	2 333.8	178.1	20.6	Z	0.0	1 958.8
+ Paper, pulp & printing	2 163.8	10.7	0.0	0.0	0.0	43.0	841.0	580.9	5.8	Z	0.0	682.5
+ Wood & wood products	673.6	0.0	0.0	0.0	0.0	33.2	69.0	377.9	0.5	Z	0.0	193.1
+ Construction	1 901.8	0.0	0.0	0.0	0.0	961.0	331.1	5.0	3.6	Z	0.0	601.0
+ Textile & leather	315.3	0.0	0.0	0.0	0.0	22.2	153.2	0.1	0.0	Z	0.0	139.8
+ Not elsewhere specified (industry)	2 945.5	0.0	0.0	0.0	0.0	102.1	270.2	28.6	0.0	Z	1 533.4	1 011.2
+ Transport	45 310.5	0.0	0.0	0.0	0.0	40 887.5	139.0	3 393.2	0.0	Z	Z	890.8
+ Rail	919.4	0.0	0.0	0.0	0.0	126.2	Z	0.0	0.0	Z	Z	793.2
+ Road	42 037.1	Z	Z	Z	Z	38 520.9	100.6	3 393.2	0.0	Z	Z	22.5
+ Domestic aviation	1 698.1	Z	Z	Z	Z	1 698.1	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	542.3	0.0	0.0	0.0	0.0	542.3	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	103.8	Z	Z	Z	Z	0.0	38.5	0.0	Z	Z	Z	65.3
+ Not elsewhere specified (transport	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	9.7
+ Other	67 254.7	64.2	0.0	0.0	0.0	10 951.4	18 064.4	9 649.6	81.5	Z	2 124.7	26 318.9
+ Commercial & public services	23 277.1	36.2	0.0	0.0	0.0	2 560.4	7 156.5	714.8	81.5	Z	819.8	11 907.8
+ Households	39 057.3	26.4	0.0	0.0	0.0	4 715.3	10 671.2	8 738.3	0.0	Z	1 292.3	13 613.9
+ Agriculture & forestry	4 088.9	1.6	0.0	0.0	0.0	2 932.2	235.8	188.3	0.0	Z	12.6	718.4
+ Fishing	310.9	0.0	0.0	0.0	0.0	284.8	0.9	8.3	0.0	Z	0.0	16.9
+ Not elsewhere specified (other)	520.6	0.0	0.0	0.0	0.0	458.7	0.0	0.0	0.0	Z	0.0	61.9
Statistical differences	**2 120.9**	**461.7**	**3.1**	**0.0**	**0.0**	**1 525.8**	**0.0**	**18.5**	**0.0**	**0.0**	**0.0**	**111.9**
Gross electricity production	49 980.7	723.4	192.0	0.0	0.0	516.0	2 630.1	10 206.6	206.1	35 506.6	Z	Z
Gross heat production	4 089.0	131.6	0.0	0.0	0.0	201.7	1 495.5	1 803.5	456.4	0.0	Z	0.3

Source: Eurostat (nrg_bal_c)

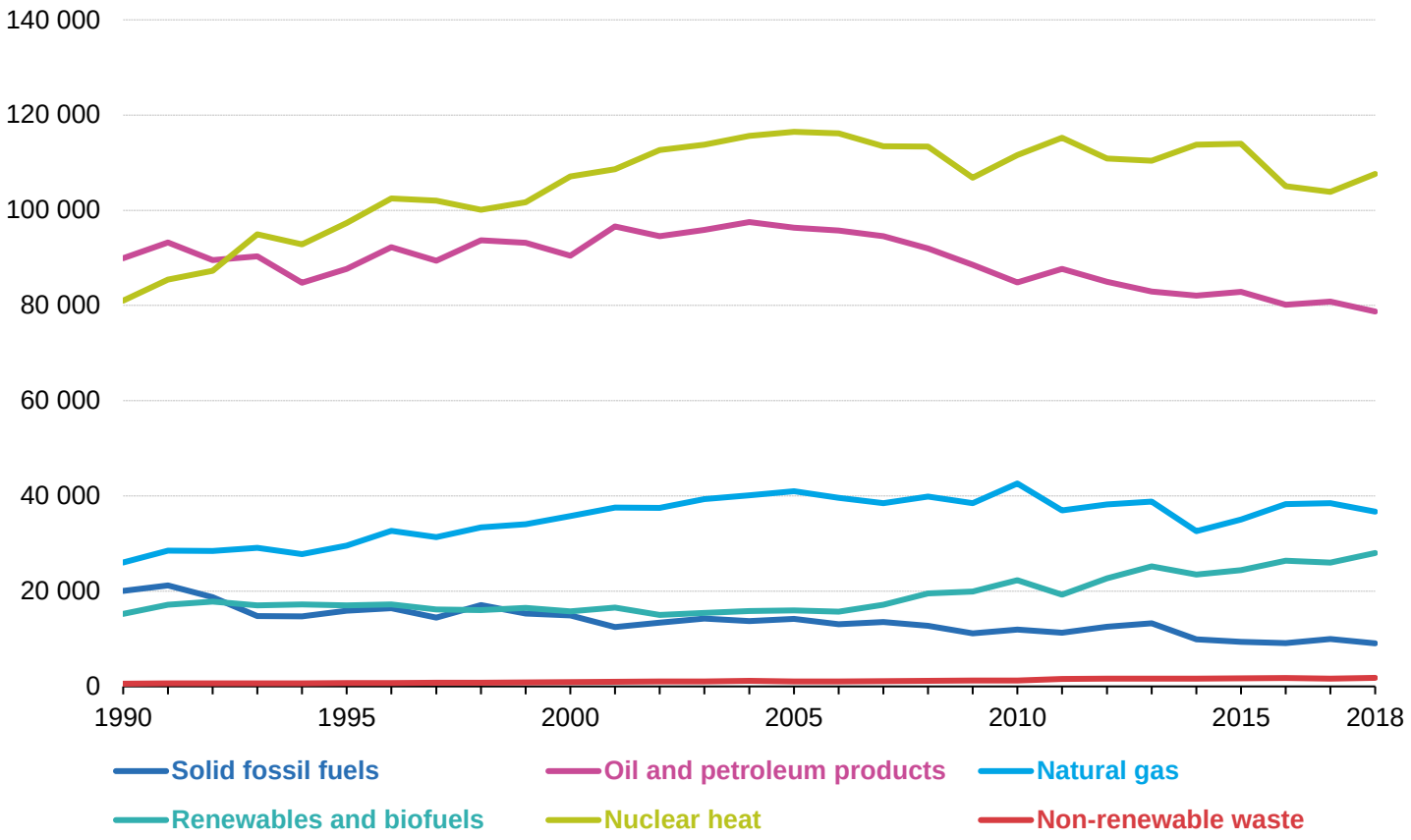
France	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	271 993	267 145	267 115	268 105	257 664	261 888	257 263	257 317	256 549
Solid fossil fuels	11 962	11 300	12 553	13 268	9 876	9 346	9 127	9 942	9 050
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	66 978	67 707	59 250	58 129	57 371	60 513	59 078	59 470	55 610
Petroleum products	84 874	87 666	85 007	82 906	82 046	82 882	80 154	80 827	78 737
Natural gas	42 618	36 990	38 215	38 816	32 595	35 040	38 289	38 492	36 726
Nuclear heat	111 612	115 209	110 863	110 415	113 748	113 996	105 079	103 861	107 629
Renewable energies	22 317	19 254	22 674	25 238	23 523	24 428	26 415	25 987	28 022
Non-renewable wastes	1 251	1 577	1 631	1 629	1 653	1 703	1 767	1 660	1 800
Primary production	136 766	137 619	136 694	138 554	139 756	141 072	133 737	131 846	137 928
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	1 091	1 063	964	990	952	990	939	898	874
Natural gas	646	506	452	289	13	19	18	14	8
Nuclear heat	111 612	115 209	110 863	110 415	113 748	113 996	105 079	103 861	107 629
Renewable energies	22 166	19 264	22 783	25 231	23 391	24 363	25 934	25 413	27 617
Non-renewable wastes	1 251	1 577	1 631	1 629	1 653	1 703	1 767	1 660	1 800
Net imports	132 342	130 997	128 735	128 709	118 960	120 081	121 702	125 164	119 502
Solid fossil fuels	12 077	11 381	12 140	12 466	9 777	9 196	8 550	10 135	9 142
Crude oil	65 485	65 676	58 336	57 112	55 382	58 664	56 091	58 229	53 876
Gas/Diesel Oil (w/o bio)	16 078	18 226	21 142	22 533	22 116	22 356	20 715	19 712	20 615
Motor Gasoline (w/o bio)	-5 343	-4 425	-4 048	-3 272	-3 491	-3 584	-3 559	-3 029	-1 898
Naphtha	-118	-954	597	-1 286	-595	-949	-1 804	-814	-2 183
LPG	1 845	1 644	1 775	2 224	2 959	2 534	2 521	2 296	2 298
All other oil & petroleum products	83 197	86 266	83 536	82 395	80 939	81 780	78 318	80 166	76 922
Natural gas	39 553	38 221	36 995	38 004	33 841	34 517	37 898	37 733	38 463
Transformation input	227 602	228 825	213 929	209 500	211 300	213 045	206 080	206 957	204 931
Electricity & heat generation	137 338	137 780	135 547	135 933	135 173	136 769	130 432	130 216	133 171
Refinery intake	73 176	74 005	63 251	59 846	60 043	62 018	61 111	61 076	57 292
Coke ovens	3 049	2 871	3 172	3 260	3 169	3 146	3 060	3 183	3 141
Blast furnaces	3 998	3 933	3 852	4 168	4 288	3 866	3 691	4 156	4 075
Transformation output	139 318	140 160	127 547	123 592	124 991	126 313	124 763	125 759	122 565
Electricity & heat generation	52 611	52 757	52 788	53 798	52 670	53 532	52 664	52 490	54 216
Refinery output	72 432	73 272	62 521	59 284	59 438	61 413	60 494	60 557	56 763
Coke ovens	2 671	2 518	2 713	2 847	2 835	2 832	2 696	2 874	2 829
Blast furnaces	1 246	1 110	1 226	1 248	1 293	1 201	1 016	1 420	1 398
Energy sector	10 002	9 114	7 737	7 031	6 681	6 879	6 580	6 984	6 937
Distribution losses	4 215	4 073	4 127	4 452	4 018	4 130	4 287	4 331	4 266
Available for final consumption	161 691	157 343	161 184	163 252	153 474	156 845	158 025	157 530	155 341
Solid fossil fuels	2 361	2 231	2 480	2 312	1 715	1 608	1 893	1 644	1 932
Manufactured gases	20	-89	-138	-24	120	64	93	9	3
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	45 095	46 813	46 256	46 815	46 400	47 149	45 080	44 278	43 783
Motor Gasoline (w/o bio)	8 730	9 203	8 597	8 091	8 361	8 575	8 388	9 119	9 351
Naphtha	4 271	3 897	4 545	3 015	3 651	3 982	2 836	4 014	3 121
LPG	3 898	3 474	3 290	3 731	4 315	4 009	3 946	3 807	3 643
All other oil & petroleum products	71 206	73 781	72 337	71 410	70 916	71 598	69 118	69 720	67 637
Natural gas	34 002	29 304	31 307	32 753	27 742	28 715	30 082	29 572	29 207
Primary solid biofuels & charcoal	8 929	7 377	8 429	9 134	7 644	8 113	8 582	8 245	8 139
Liquid biofuels	2 420	2 442	2 676	2 683	2 921	2 969	3 104	3 335	3 419
All other renewable energies	12 948	11 365	12 998	13 972	12 572	13 368	14 377	14 352	14 463
Non-renewable wastes	139	506	486	473	461	433	491	366	471
Electricity	38 166	37 262	38 646	39 233	37 114	37 918	38 442	38 272	37 970
Heat	2 850	2 984	3 066	3 123	2 836	3 139	3 530	3 596	3 658
Statistical difference	1 500	3 347	2 303	2 009	2 245	2 778	1 980	1 639	2 121
Final non-energy consumption	13 933	14 295	14 131	13 833	14 488	13 999	13 497	14 224	13 391
Final energy consumption	146 258	139 701	144 750	147 411	136 740	140 068	142 549	141 667	139 829
Industry	27 739	28 200	28 061	28 011	26 951	26 877	27 565	26 752	27 263
Transport	43 569	45 417	45 260	44 898	45 162	45 610	45 751	46 149	45 311
Other sectors	74 951	66 084	71 429	74 501	64 628	67 581	69 232	68 767	67 255
Services	24 103	21 883	23 514	24 258	22 263	23 132	23 275	23 566	23 277
Households	45 408	38 750	42 690	44 853	37 066	39 164	41 034	40 322	39 057

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	268 380	263 484	263 280	264 207	254 258	258 401	253 607	253 376	252 287
Primary energy consumption	254 447	249 189	249 149	250 375	239 769	244 402	240 110	239 152	238 896
Final energy consumption	153 964	147 652	152 065	154 699	144 248	147 435	149 325	148 474	146 609

Source: Eurostat (nrg_bal_c)

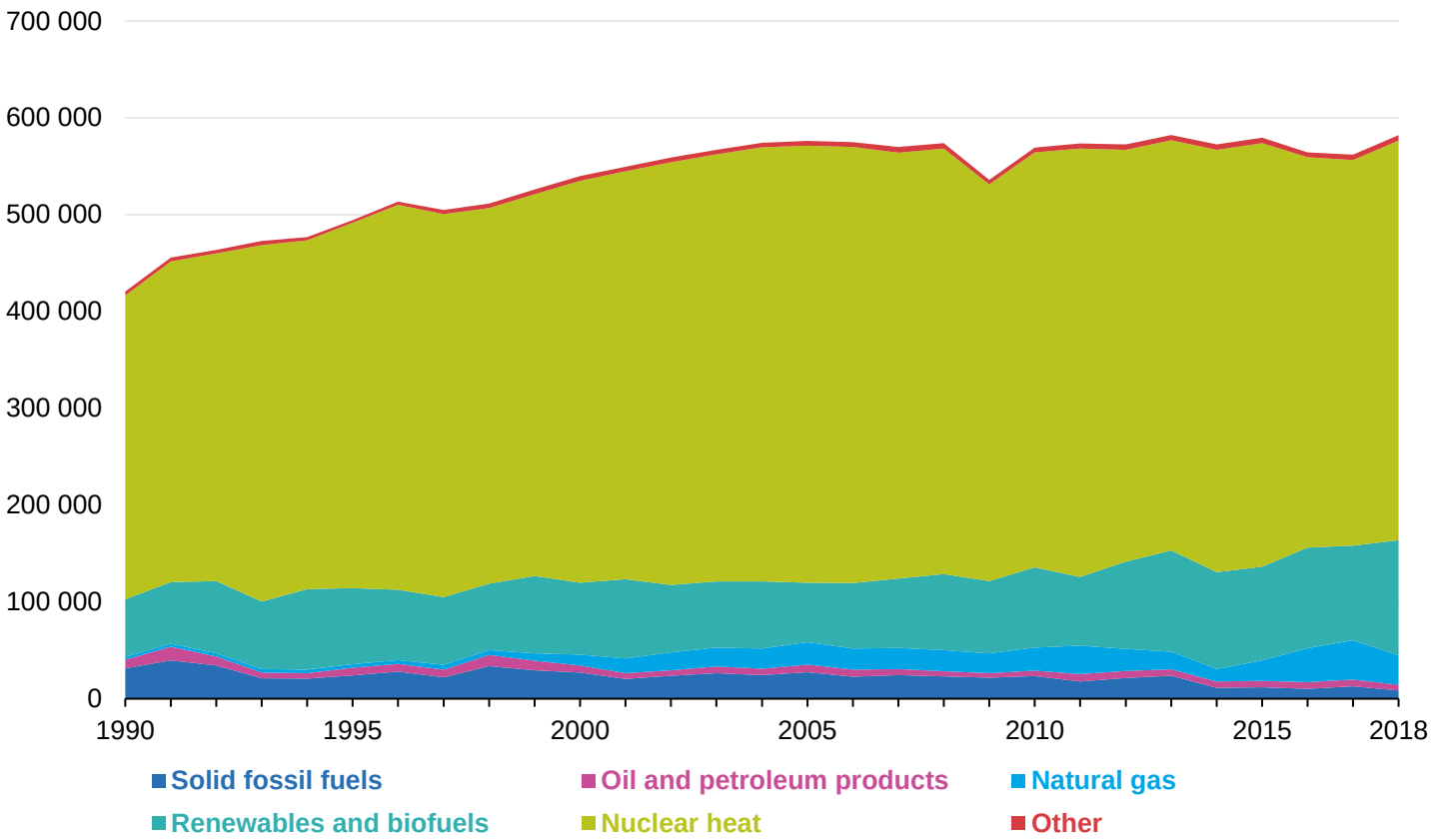
France

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

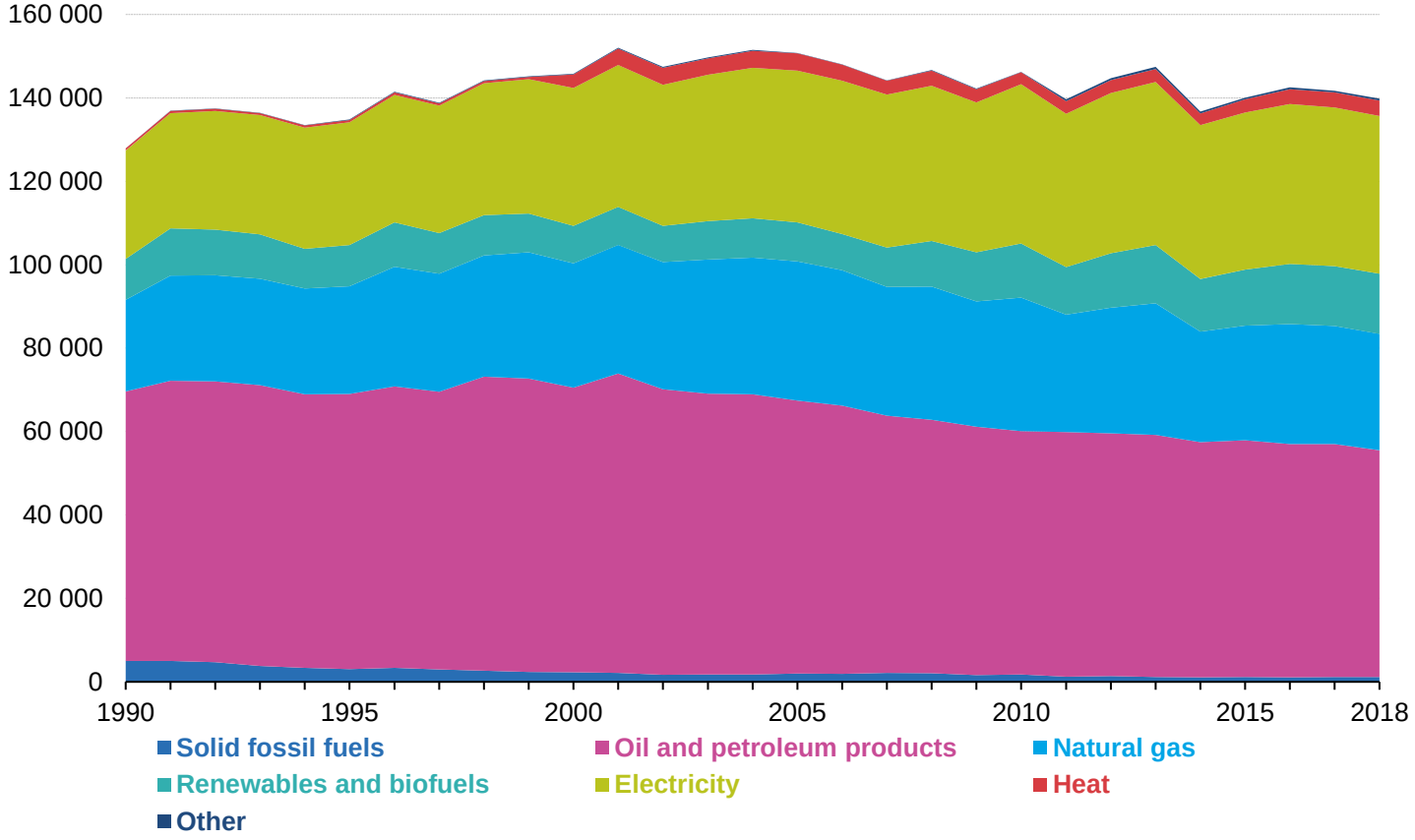


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

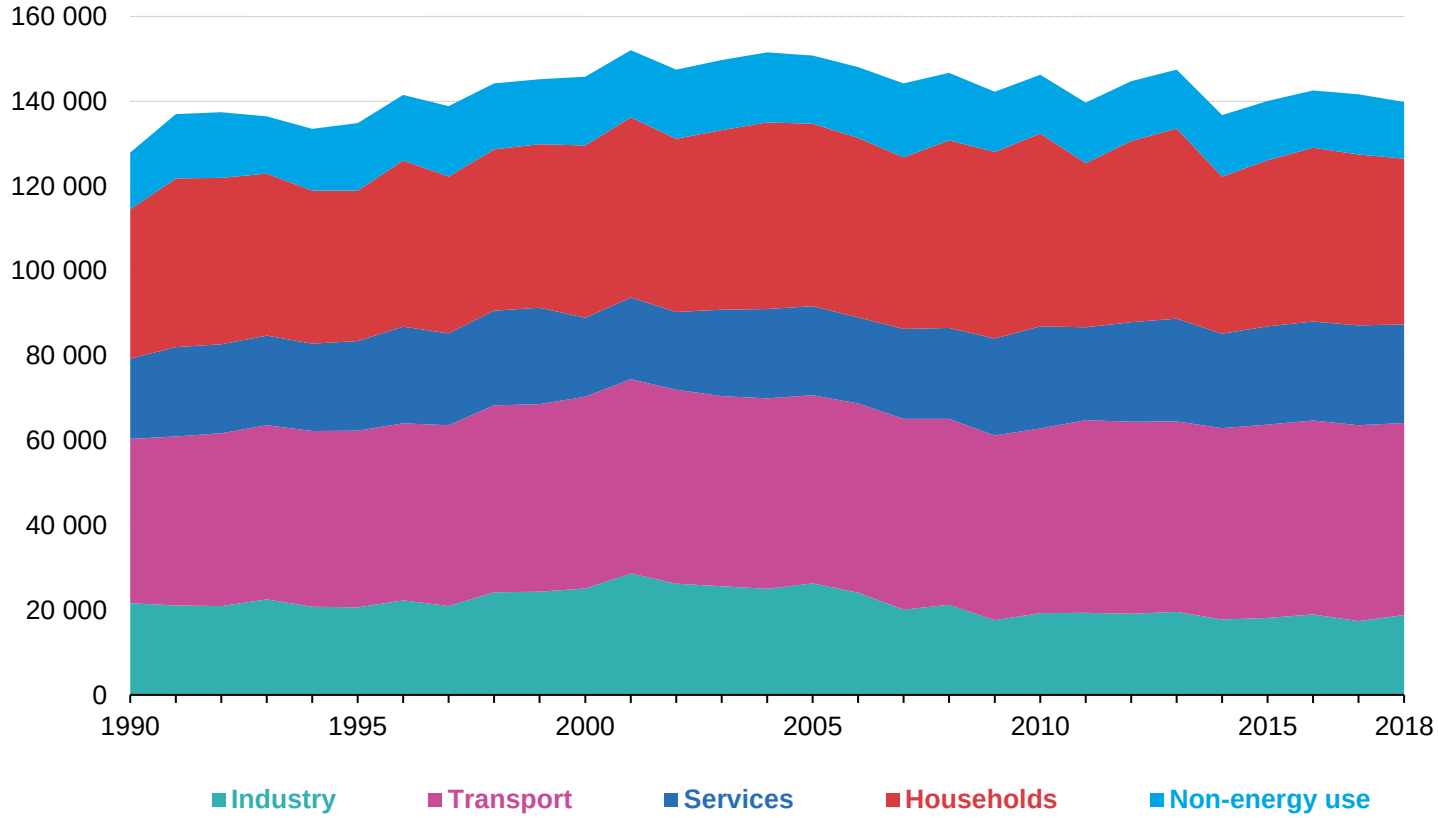
France

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

France

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	582 168	572 518	579 539	564 184	561 930	581 943	570 794 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	23 831	11 242	11 874	10 344	12 818	8 413	4 352 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	23 831	11 242	11 874	10 344	12 818	8 413	4 352 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	18 393	13 163	21 143	34 967	40 500	30 588	38 208 P
Coke oven gas	501	453	465	339	302	276	260 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	1 802	1 865	1 941	1 466	1 768	1 661	1 569 P
Other recovered gases	198	258	257	215	315	296	279 P
Sub-total	20 894	15 738	23 805	36 987	42 885	32 821	40 317 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	401	511	373	422	387	400	472 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	2 318	1 741	1 989	2 134	2 035	1 778	1 866 P
Fuel oil	3 295	3 889	4 036	4 064	4 301	3 621	3 802 P
Petroleum coke	57	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	319	283	276	236	256	202	354 P
Sub-total	6 390	6 424	6 674	6 856	6 979	6 001	6 496 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	77 073	69 571	60 513	65 686	55 135	70 590	62 137 P
Geothermal	90	83	92	98	133	130	130 P
Wind	16 127	17 324	21 421	21 381	24 609	28 599	34 648 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	5 194	6 391	7 753	8 659	9 585	10 569	11 357 P
Tide, wave, ocean	414	481	487	501	522	480	480 P
Solid biofuels	2 026	2 328	2 688	3 423	3 439	3 767	3 764 P
Liquid biofuels	0	0	1	2	0	0	0 P
Biogases	1 545	1 593	1 832	1 989	2 122	2 365	2 582 P
Renewable municipal waste	1 967	1 987	2 001	2 122	2 205	2 204	2 325 P
Sub-total	104 434	99 759	96 789	103 859	97 750	118 703	117 422 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	159	177	254	255	214	193	204 P
Non-renewable municipal waste	1 967	1 987	2 001	2 122	2 205	2 204	2 325 P
Sub-total	2 125	2 164	2 255	2 377	2 419	2 397	2 529 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	423 685	436 479	437 428	403 195	398 359	412 942	399 012 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	809	712	715	565	720	667	667 P
Sub-total	424 494	437 191	438 143	403 760	399 079	413 609	399 678 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	1 663	959	1 062	578	484	770	596 P
Coking coal	5 627	5 495	4 465	4 343	4 517	4 447	4 330 P
Other bituminous coal	12 427	7 790	8 217	8 681	9 859	7 808	5 491 P
Sub-bituminous coal	0	0	0	0	0	0	0
Lignite	195	153	125	107	50	77	55 P
Coke oven coke	3 527	3 658	3 464	3 323	3 519	3 796	3 702 P
Patent fuel	57	24	24	29	26	12	9 P
Brown coal briquettes	64	84	54	44	57	45	51 P
Coal tar	106	148	101	100	106	104	102 P
Peat	0	0	0	0	0	0	0
Peat products	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	1 805 777	1 516 448	1 630 367	1 781 972	1 792 090	1 711 054	1 743 512 P
Coke oven gas	24 297	24 941	27 515	23 920	28 143	27 690	0 P
Gas works gas	0	0	0	0	0	0	0
Blast furnace gas	46 731	47 380	44 026	35 565	50 502	49 761	81 849 P
Other recovered gases	5 502	6 775	6 253	6 973	8 938	8 767	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	56 732	54 938	58 305	56 012	57 795	53 275	48 660 P
Refinery intake	58 597	58 899	60 821	59 847	59 906	55 992	51 554 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	43 258	43 679	43 037	41 483	41 242	42 276	44 860 P
Export	18 858	19 048	21 070	20 553	20 215	19 973	17 174 P
Total refinery output	58 174	58 297	60 242	59 365	59 348	55 639	50 745 P
Gas oil and diesel oil	24 598	24 800	25 581	24 963	24 794	23 087	20 697
Motor gasoline	10 444	11 084	11 227	11 214	11 304	10 408	9 298
Fuel oil	6 903	6 724	7 509	7 686	6 403	5 853	6 214 P
Naphtha	4 532	4 694	5 209	4 974	5 301	5 387	4 234
Kerosene-type jet fuel	4 295	3 729	3 874	3 767	4 257	4 186	3 883
All other oil products	7 402	7 266	6 842	6 761	7 289	6 717	6 420 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	440 542	382 796	412 944	447 691	434 834	432 257	435 357 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	24 541	26 923	30 388	32 678	34 356	36 737	40 929 P
Pure biogasoline [kt]	610	636	661	696	783	856	973 P
Pure biodiesels [kt]	2 595	2 857	2 873	2 951	3 109	3 117	3 088 P
Other liquid biofuels [kt]	0	17	8	16	8	8	8 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	49 545	51 368	51 439	54 249	53 772	55 544	57 852 P
Non-renewable municipal waste	49 545	51 368	51 439	54 249	53 772	55 544	57 852 P
Industrial waste (non-renewable)	18 663	17 832	19 879	19 751	15 715	19 833	20 031 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	12 728	12 252	12 705	13 990	17 356	18 676	18 676 P
Solar thermal	6 105	6 444	6 716	6 949	7 207	7 583	7 841 P
Ambinet heat (heat pumps)	73 651	66 083	77 397	91 413	95 857	101 489	114 279 P

Source: Eurostat (nrg_cb_rw)

Croatia ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	4 195.3	0.0	Z	0.0	0.0	765.8	1 017.7	2 392.2	19.5	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	8 043.2	334.6	0.0	0.0	0.0	5 230.3	1 314.8	72.0	0.0	Z	0.0	1 091.4
- Exports	3 459.2	0.0	0.0	0.0	0.0	2 460.3	93.7	277.0	0.0	Z	0.0	628.2
+ Change in stock	-81.2	31.8	0.0	0.0	0.0	-162.6	53.4	-3.7	0.0	Z	Z	Z
= Gross available energy	**8 698.1**	**366.4**	**0.0**	**0.0**	**0.0**	**3 373.2**	**2 292.2**	**2 183.5**	**19.5**	**0.0**	**0.0**	**463.3**
- International maritime bunkers	20.8	0.0	0.0	0.0	0.0	20.8	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**8 677.2**	**366.4**	**0.0**	**0.0**	**0.0**	**3 352.4**	**2 292.2**	**2 183.5**	**19.5**	**0.0**	**0.0**	**463.3**
- International aviation	184.3	Z	Z	Z	Z	184.3	Z	0.0	Z	Z	Z	Z
= Total energy supply	**8 493.0**	**366.4**	**0.0**	**0.0**	**0.0**	**3 168.1**	**2 292.2**	**2 183.5**	**19.5**	**0.0**	**0.0**	**463.3**
Transformation input	**6 214.1**	**296.4**	**0.0**	**0.0**	**0.0**	**4 173.3**	**667.8**	**1 066.2**	**0.0**	**0.0**	**0.0**	**10.3**
+ Electricity & heat generation	1 930.7	296.4	0.0	0.0	0.0	18.6	579.7	1 025.6	0.0	0.0	0.0	10.3
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	4 154.6	Z	Z	Z	Z	4 154.6	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	24.1	Z	Z	Z	Z	Z	Z	24.1	Z	Z	Z	Z
+ Charcoal production plants	16.5	Z	Z	Z	Z	Z	Z	16.5	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	88.2	0.0	0.0	0.0	0.0	0.0	88.2	0.0	0.0	Z	Z	Z
Transformation output	**5 688.6**	**0.0**	**0.0**	**0.0**	**Z**	**4 182.5**	**0.0**	**30.7**	**Z**	**Z**	**303.3**	**1 172.1**
+ Electricity & heat generation	1 475.4	Z	Z	Z	Z	Z	Z	Z	Z	Z	303.3	1 172.1
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	4 094.4	Z	Z	Z	Z	4 094.4	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	24.1	Z	Z	Z	Z	Z	Z	24.1	Z	Z	Z	Z
+ Charcoal production plants	6.6	Z	Z	Z	Z	Z	Z	6.6	Z	Z	Z	Z
+ Gas-to-liquids plants	88.2	Z	Z	Z	Z	88.2	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**578.3**	**0.0**	**0.0**	**0.0**	**0.0**	**293.6**	**169.7**	**0.5**	**0.0**	**Z**	**37.1**	**77.4**
+ Own use in electricity & heat genera	69.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	31.0	38.7
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	88.6	Z	Z	Z	Z	0.0	74.0	0.0	Z	Z	0.0	14.5
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	413.4	0.0	0.0	0.0	0.0	293.6	95.6	0.0	0.0	Z	0.0	24.2
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	6.6	Z	Z	Z	Z	Z	Z	0.5	0.0	Z	6.2	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Distribution losses	**222.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**24.8**	**0.0**	**0.0**	**Z**	**40.3**	**156.8**
Available for final consumption	**7 167.3**	**69.9**	**0.0**	**0.0**	**0.0**	**2 883.8**	**1 429.8**	**1 147.5**	**19.5**	**0.0**	**225.8**	**1 390.8**
Final non-energy consumption	**483.8**	**0.0**	**0.0**	**0.0**	**0.0**	**129.9**	**353.9**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**6 682.4**	**68.8**	**0.0**	**0.0**	**0.0**	**2 753.9**	**1 076.0**	**1 147.5**	**19.5**	**Z**	**225.8**	**1 390.8**
+ Industry	1 192.0	66.2	0.0	0.0	0.0	297.7	383.0	33.8	19.5	Z	75.1	316.7
+ Iron & steel	24.3	2.7	0.0	0.0	0.0	0.2	6.3	0.0	0.0	Z	0.0	15.1
+ Chemical & petrochemical	154.7	0.0	0.0	0.0	0.0	3.5	107.8	0.0	0.0	Z	16.5	26.8
+ Non-ferrous metals	19.6	0.0	0.0	0.0	0.0	1.1	9.9	0.1	0.0	Z	0.0	8.5
+ Non-metallic minerals	375.2	52.0	0.0	0.0	0.0	151.8	89.4	3.7	19.5	Z	0.0	58.8
+ Transport equipment	12.7	0.0	0.0	0.0	0.0	0.7	4.0	0.0	0.0	Z	0.0	8.0
+ Machinery	69.4	0.0	0.0	0.0	0.0	5.9	19.2	0.3	0.0	Z	8.4	35.6
+ Mining & quarrying	15.4	0.0	0.0	0.0	0.0	12.9	0.1	0.0	0.0	Z	0.0	2.5
+ Food, beverages & tobacco	198.1	11.4	0.0	0.0	0.0	18.5	91.7	5.8	0.0	Z	12.5	58.4
+ Paper, pulp & printing	68.7	0.0	0.0	0.0	0.0	3.0	35.5	2.4	0.0	Z	0.6	27.3
+ Wood & wood products	75.9	0.0	0.0	0.0	0.0	0.4	1.8	13.2	0.0	Z	33.2	27.2
+ Construction	103.2	0.0	0.0	0.0	0.0	96.5	0.0	0.0	0.0	Z	0.0	6.7
+ Textile & leather	24.4	0.0	0.0	0.0	0.0	1.6	9.0	0.2	0.0	Z	0.8	12.7
+ Not elsewhere specified (industry)	50.3	0.2	0.0	0.0	0.0	1.6	8.4	8.0	0.0	Z	3.1	29.1
+ Transport	2 140.4	0.0	0.0	0.0	0.0	2 085.0	4.2	27.0	0.0	Z	Z	24.2
+ Rail	35.4	0.0	0.0	0.0	0.0	15.0	Z	0.0	0.0	Z	Z	20.4
+ Road	2 042.4	Z	Z	Z	Z	2 011.1	4.2	27.0	0.0	Z	Z	0.1
+ Domestic aviation	10.7	Z	Z	Z	Z	10.7	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	48.1	0.0	0.0	0.0	0.0	48.1	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	3.7	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	3.7
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	3 349.9	2.6	0.0	0.0	0.0	371.2	688.8	1 086.8	0.0	Z	150.7	1 049.9
+ Commercial & public services	816.0	0.0	0.0	0.0	0.0	51.1	202.1	18.4	0.0	Z	33.2	511.2
+ Households	2 298.9	2.6	0.0	0.0	0.0	119.5	467.2	1 064.8	0.0	Z	111.6	533.3
+ Agriculture & forestry	210.7	0.0	0.0	0.0	0.0	176.4	19.4	3.5	0.0	Z	5.9	5.4
+ Fishing	24.3	0.0	0.0	0.0	0.0	24.3	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**1.1**	**1.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	1 172.1	124.9	0.0	0.0	0.0	5.9	193.1	848.3	0.0	0.0	Z	Z
Gross heat production	303.3	0.0	0.0	0.0	0.0	4.3	231.9	67.1	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

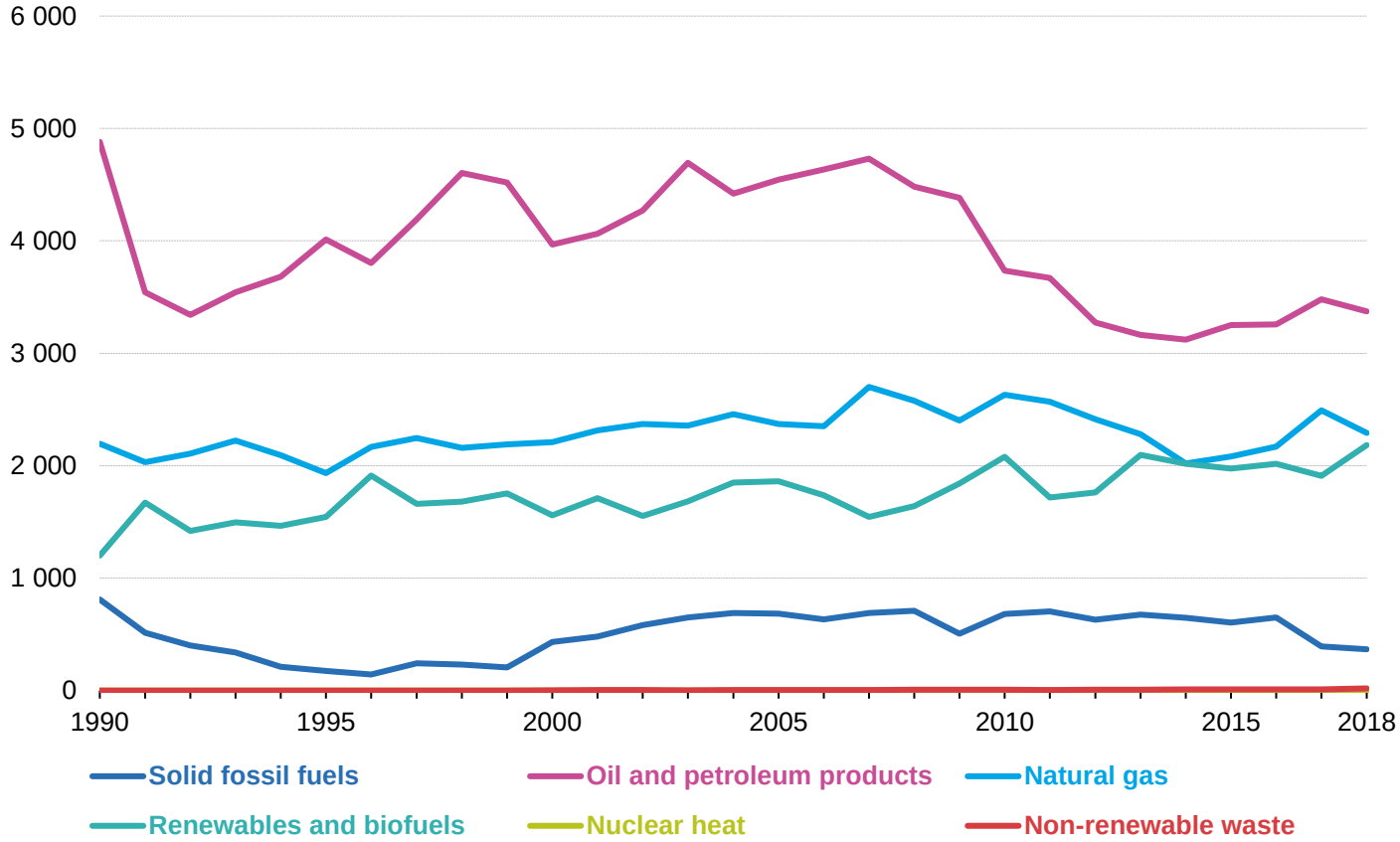
Croatia	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	9 477	9 282	8 729	8 559	8 155	8 507	8 583	8 886	8 698
Solid fossil fuels	683	703	631	675	647	606	651	392	366
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	4 449	3 723	3 701	3 444	3 017	3 426	3 813	4 005	4 025
Petroleum products	3 734	3 671	3 275	3 163	3 122	3 251	3 258	3 481	3 373
Natural gas	2 632	2 570	2 413	2 282	2 019	2 082	2 171	2 493	2 292
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	2 079	1 718	1 762	2 097	2 017	1 975	2 018	1 910	2 184
Non-renewable wastes	8	4	8	9	10	9	10	12	20
Primary production	5 169	4 619	4 233	4 458	4 367	4 414	4 439	4 225	4 195
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	765	707	631	614	611	693	763	773	766
Natural gas	2 215	2 007	1 635	1 507	1 444	1 471	1 369	1 230	1 018
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	2 182	1 900	1 959	2 328	2 302	2 241	2 297	2 210	2 392
Non-renewable wastes	8	4	8	9	10	9	10	12	20
Net imports	4 424	4 606	4 352	4 059	3 604	4 149	4 156	4 723	4 584
Solid fossil fuels	700	691	555	743	597	624	664	395	335
Crude oil	3 598	2 894	2 371	2 511	1 888	2 374	2 563	2 874	3 024
Gas/Diesel Oil (w/o bio)	402	578	313	351	504	517	340	484	367
Motor Gasoline (w/o bio)	-462	-304	-405	-397	-305	-321	-344	-515	-368
Naphtha	-79	-101	-64	-31	-39	-52	-71	-53	-42
LPG	-159	-127	-148	-118	-99	-120	-113	-158	-132
All other oil & petroleum products	3 011	2 981	2 461	2 492	2 364	2 647	2 572	2 685	2 770
Natural gas	475	501	894	726	577	564	728	1 341	1 221
Transformation input	6 784	5 879	5 943	5 721	5 122	5 396	5 989	6 086	6 214
Electricity & heat generation	2 192	1 930	1 822	2 065	1 894	1 750	1 945	1 857	1 931
Refinery intake	4 345	3 694	3 823	3 466	3 049	3 456	3 855	4 040	4 072
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	6 136	5 211	5 307	5 121	4 613	4 848	5 348	5 481	5 689
Electricity & heat generation	1 580	1 266	1 202	1 489	1 407	1 246	1 375	1 327	1 475
Refinery output	4 312	3 694	3 812	3 447	3 034	3 421	3 792	3 973	4 011
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	737	774	648	594	638	605	546	586	578
Distribution losses	260	242	239	233	212	220	220	215	222
Available for final consumption	7 726	7 471	7 093	7 007	6 670	7 014	7 048	7 326	7 167
Solid fossil fuels	151	145	131	116	103	81	67	76	70
Manufactured gases	4	3	2	2	1	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	1 755	1 708	1 616	1 629	1 615	1 737	1 791	1 962	1 894
Motor Gasoline (w/o bio)	692	676	628	613	568	567	569	547	531
Naphtha	0	0	0	0	0	0	0	0	0
LPG	183	168	161	161	156	157	162	160	155
All other oil & petroleum products	2 991	2 893	2 678	2 703	2 621	2 750	2 832	2 975	2 884
Natural gas	1 693	1 598	1 448	1 389	1 352	1 387	1 410	1 491	1 430
Primary solid biofuels & charcoal	1 236	1 202	1 209	1 195	1 052	1 192	1 149	1 124	1 075
Liquid biofuels	3	4	37	33	30	24	1	0	27
All other renewable energies	1 271	1 237	1 277	1 261	1 115	1 255	1 191	1 169	1 148
Non-renewable wastes	8	4	8	9	10	9	10	12	20
Electricity	1 364	1 353	1 320	1 296	1 275	1 319	1 316	1 374	1 391
Heat	245	238	229	231	193	212	222	231	226
Statistical difference	0	0	1	0	0	0	0	0	1
Final non-energy consumption	596	596	532	539	540	530	516	534	484
Final energy consumption	7 130	6 875	6 560	6 468	6 131	6 484	6 532	6 793	6 682
Industry	1 367	1 287	1 138	1 117	1 098	1 090	1 088	1 180	1 192
Transport	1 971	1 933	1 896	1 917	1 894	1 991	2 039	2 189	2 140
Other sectors	3 792	3 656	3 525	3 434	3 138	3 403	3 405	3 424	3 350
Services	776	763	733	714	676	743	763	800	816
Households	2 771	2 644	2 562	2 493	2 228	2 430	2 409	2 393	2 299

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	9 455	9 244	8 711	8 540	8 137	8 488	8 562	8 864	8 662
Primary energy consumption	8 859	8 648	8 178	8 001	7 598	7 958	8 046	8 330	8 178
Final energy consumption	7 214	6 965	6 655	6 574	6 239	6 586	6 640	6 924	6 852

Source: Eurostat (nrg_bal_c)

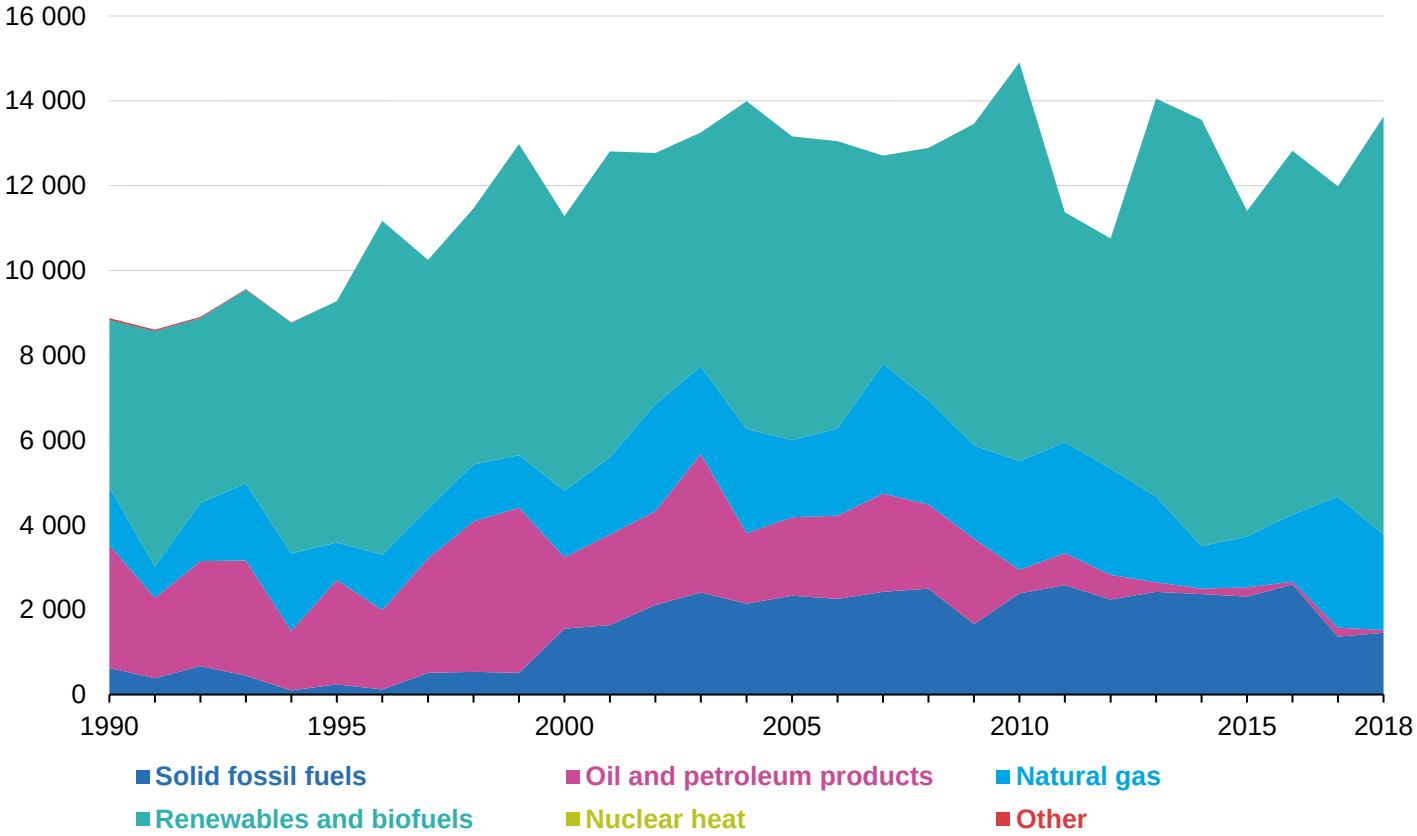
Croatia

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

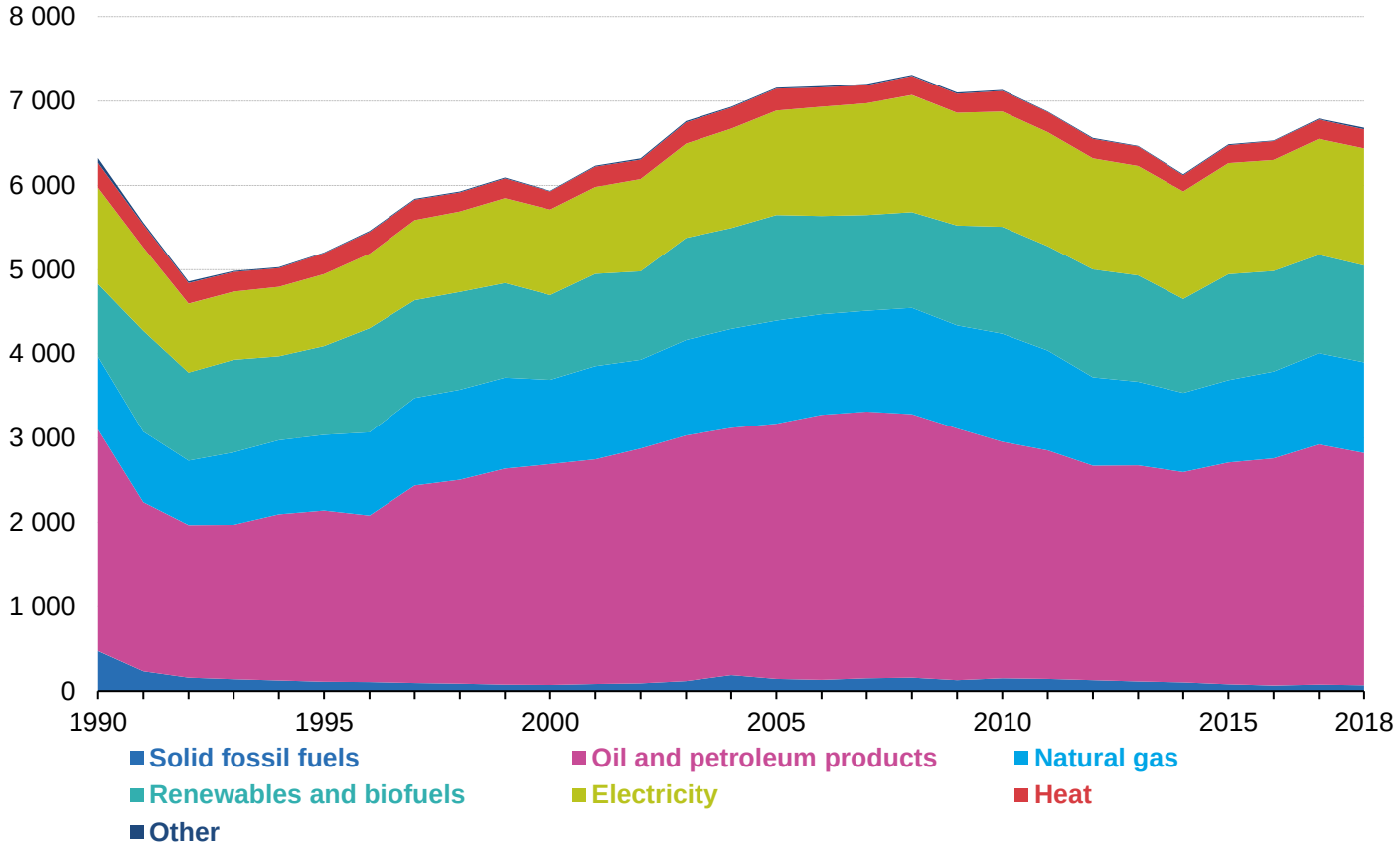


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

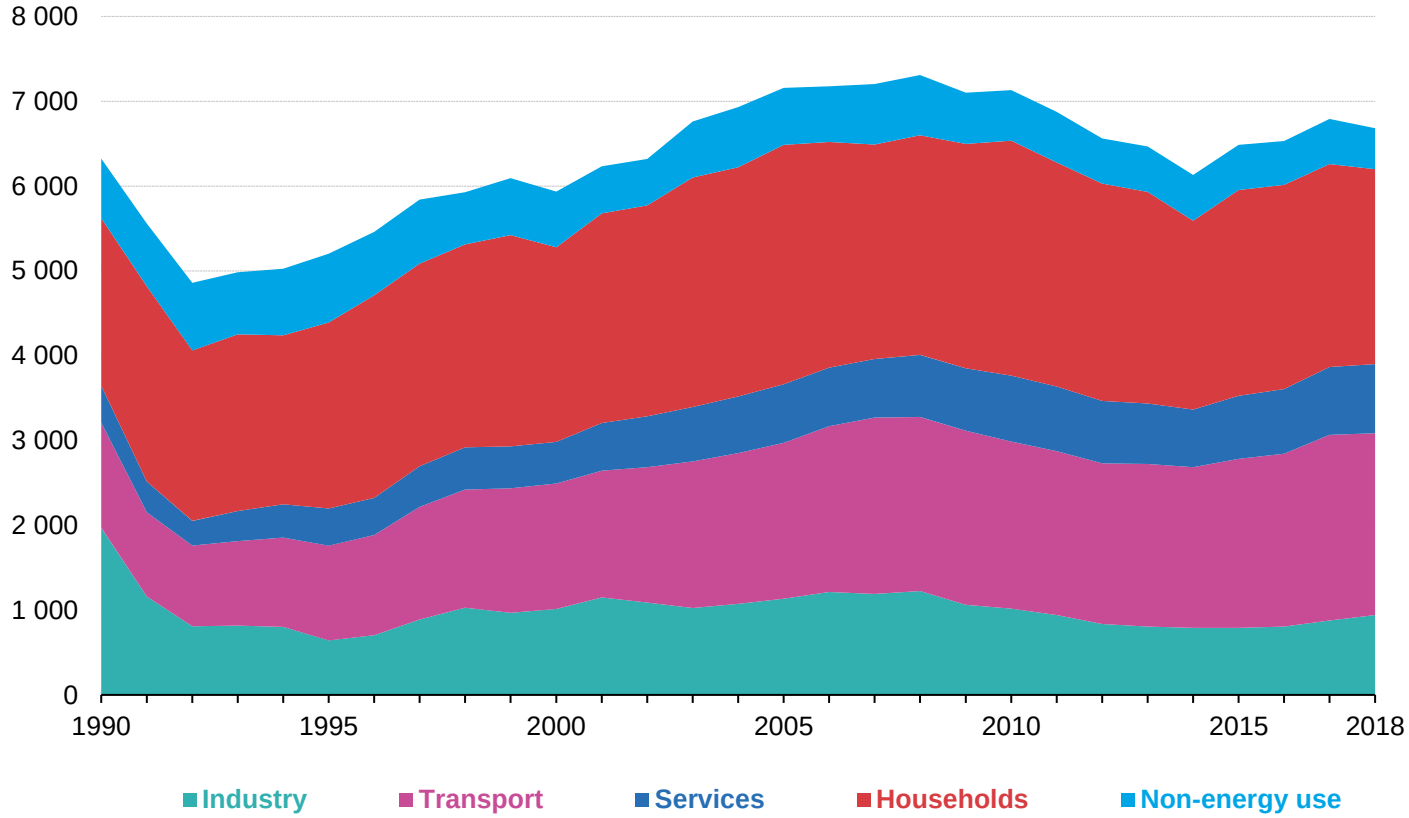
Croatia

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	14 053	13 553	11 402	12 820	11 984	13 632	12 722 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	2 404	2 348	2 294	2 576	1 349	1 439	1 631 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	17	20	16	20	18	14	13 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	2 421	2 368	2 310	2 596	1 367	1 453	1 644 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	2 021	1 002	1 197	1 586	3 090	2 245	2 623 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	2 021	1 002	1 197	1 586	3 090	2 245	2 623 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	13	11	13	15	25	24	6 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	4	4	9	5	7	5	0 P
Fuel oil	213	114	199	49	179	40	28 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	230	129	221	69	210	69	35 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	8 727	9 124	6 556	7 058	5 508	7 785	5 932 P
Geothermal	0	0	0	0	0	2	92 P
Wind	517	730	796	1 014	1 204	1 335	1 438 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	11	35	57	66	79	75	83 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	48	50	89	194	216	313	487 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	78	114	176	237	310	355	390 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	9 381	10 054	7 674	8 569	7 316	9 865	8 421 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	3	1	1	0	0	3	2 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	1 055	1 027	950	1 020	584	546	658 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	56	46	45	50	49	36	31 P
Coke oven coke	25	29	25	29	32	31	28 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	106 152	93 943	96 850	100 974	115 987	106 633	111 926 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	76	42	11	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	2 816	2 353	2 764	2 994	3 167	3 262	2 274 P
Refinery intake	3 389	2 979	3 376	3 765	3 947	3 979	2 933 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1 235	1 579	1 757	1 680	2 028	1 947	2 581 P
Export	1 536	1 544	1 854	2 076	2 484	2 426	2 172 P
Total refinery output	3 357	2 953	3 342	3 715	3 882	3 929	2 905 P
Gas oil and diesel oil	1 242	1 063	1 250	1 434	1 492	1 556	1 239 P
Motor gasoline	928	805	843	864	1 005	895	712 P
Fuel oil	514	423	489	601	577	669	397 P
Naphtha	30	31	52	64	52	39	14 P
Kerosene-type jet fuel	109	106	105	116	131	192	158 P
All other oil products	534	525	603	636	626	578	385 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	51 574	45 749	52 679	52 454	51 973	52 721	55 745 P
Charcoal [kt]	5	6	7	8	11	13	15 P
Biogases [TJ]	693	1 096	1 507	1 952	2 672	3 081	3 356 P
Pure biogasoline [kt]	0	0	0	0	0	0	1 P
Pure biodiesels [kt]	34	33	27	1	0	28	26 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	366	425	390	425	483	818	1 099 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	286	324	373	379	345	392	1 944 P
Solar thermal	345	391	435	484	538	584	617 P
Ambinet heat (heat pumps)	628	519	623	660	667	631	606 P

Source: Eurostat (nrg_cb_rw)

Italy ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	37 342.1	0.0	Z	0.0	0.0	5 090.5	4 461.9	26 656.7	1 133.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	152 946.4	8 878.3	0.0	0.0	0.0	81 512.3	55 587.7	2 912.2	0.0	Z	0.0	4 055.9
- Exports	31 022.9	253.1	0.0	0.0	0.0	29 878.1	319.8	290.6	0.0	Z	0.0	281.3
+ Change in stock	448.7	-83.6	0.0	0.0	0.0	745.3	-216.4	3.4	0.0	Z	Z	Z
= Gross available energy	**159 714.3**	**8 541.6**	**0.0**	**0.0**	**0.0**	**57 470.0**	**59 513.4**	**29 281.7**	**1 133.0**	**0.0**	**0.0**	**3 774.6**
- International maritime bunkers	2 721.3	0.0	0.0	0.0	0.0	2 721.3	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**156 993.1**	**8 541.6**	**0.0**	**0.0**	**0.0**	**54 748.7**	**59 513.4**	**29 281.7**	**1 133.0**	**0.0**	**0.0**	**3 774.6**
- International aviation	3 834.9	Z	Z	Z	Z	3 834.9	Z	0.0	Z	Z	Z	Z
= Total energy supply	**153 158.2**	**8 541.6**	**0.0**	**0.0**	**0.0**	**50 913.9**	**59 513.4**	**29 281.7**	**1 133.0**	**0.0**	**0.0**	**3 774.6**
Transformation input	**134 876.4**	**9 377.2**	**652.3**	**0.0**	**0.0**	**80 803.3**	**23 385.2**	**19 578.8**	**880.8**	**0.0**	**0.0**	**198.8**
+ Electricity & heat generation	53 919.9	6 404.4	652.3	0.0	0.0	4 107.1	23 385.2	18 291.3	880.8	0.0	0.0	198.8
+ Coke ovens	1 697.7	1 697.7	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	1 275.1	1 275.1	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	76 696.2	Z	Z	Z	Z	76 696.2	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	23.1	Z	0.0	Z	Z	0.0	Z	23.1	Z	Z	Z	Z
+ Liquid biofuels blended	1 249.7	Z	Z	Z	Z	Z	Z	1 249.7	Z	Z	Z	Z
+ Charcoal production plants	14.7	Z	Z	Z	Z	Z	Z	14.7	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**111 204.6**	**1 297.1**	**795.2**	**0.0**	**Z**	**77 438.8**	**23.1**	**1 257.0**	**Z**	**Z**	**5 482.9**	**24 910.4**
+ Electricity & heat generation	30 393.3	Z	Z	Z	Z	Z	Z	Z	Z	Z	5 482.9	24 910.4
+ Coke ovens	1 622.8	1 297.1	325.7	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	469.5	0.0	469.5	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	77 438.8	Z	Z	Z	Z	77 438.8	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	23.1	Z	Z	Z	Z	Z	23.1	Z	Z	Z	Z	Z
+ Liquid biofuels blended	1 249.7	Z	Z	Z	Z	Z	Z	1 249.7	Z	Z	Z	Z
+ Charcoal production plants	7.4	Z	Z	Z	Z	Z	Z	7.4	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**7 604.8**	**63.5**	**11.3**	**0.0**	**0.0**	**3 004.3**	**1 583.1**	**0.0**	**0.0**	**Z**	**1 203.4**	**1 739.1**
+ Own use in electricity & heat genera	849.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	1.8	848.1
+ Coal mines	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	3.5
+ Oil & natural gas extraction plants	1 187.7	Z	Z	Z	Z	0.0	1 133.0	0.0	Z	Z	21.1	33.6
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	86.3	63.5	11.3	0.0	0.0	0.0	0.0	0.0	0.0	Z	7.6	3.8
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	4 395.9	0.0	0.0	0.0	0.0	3 004.3	347.2	0.0	0.0	Z	549.0	495.5
+ Nuclear industry	0.5	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.5
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	76.8	Z	Z	Z	Z	Z	76.8	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	1 004.1	0.0	0.0	0.0	0.0	0.0	26.1	0.0	0.0	Z	623.9	354.1
Distribution losses	**1 928.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**323.5**	**0.0**	**0.0**	**Z**	**58.4**	**1 546.7**
Available for final consumption	**119 953.0**	**397.9**	**131.6**	**0.0**	**0.0**	**44 545.1**	**34 244.7**	**10 960.0**	**252.2**	**0.0**	**4 221.0**	**25 200.4**
Final non-energy consumption	**7 153.4**	**49.2**	**0.0**	**0.0**	**0.0**	**6 488.1**	**616.1**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**114 421.6**	**629.8**	**131.6**	**0.0**	**0.0**	**39 398.0**	**33 628.6**	**10 960.0**	**252.2**	**Z**	**4 221.0**	**25 200.4**
+ Industry	24 302.2	629.8	131.6	0.0	0.0	2 019.4	8 649.1	406.3	252.2	Z	2 233.7	9 980.2
+ Iron & steel	3 626.0	416.8	131.6	0.0	0.0	77.9	1 284.0	0.0	0.0	Z	89.9	1 625.8
+ Chemical & petrochemical	3 278.0	1.4	0.0	0.0	0.0	373.0	941.8	7.5	77.5	Z	633.3	1 243.6
+ Non-ferrous metals	713.9	31.5	0.0	0.0	0.0	62.2	402.6	0.0	0.0	Z	0.2	217.4
+ Non-metallic minerals	4 298.9	168.8	0.0	0.0	0.0	899.1	2 033.2	132.5	150.9	Z	147.0	767.5
+ Transport equipment	409.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	102.9	306.6
+ Machinery	3 477.0	0.0	0.0	0.0	0.0	260.1	1 365.2	2.7	3.2	Z	28.3	1 817.5
+ Mining & quarrying	119.7	0.0	0.0	0.0	0.0	35.9	30.2	0.0	0.0	Z	0.8	52.9
+ Food, beverages & tobacco	2 800.3	0.0	0.0	0.0	0.0	161.8	1 130.2	48.2	0.0	Z	382.4	1 077.6
+ Paper, pulp & printing	2 060.9	0.0	0.0	0.0	0.0	47.5	617.9	0.5	0.0	Z	665.8	729.2
+ Wood & wood products	494.2	0.0	0.0	0.0	0.0	0.0	31.7	166.6	5.9	Z	33.0	257.0
+ Construction	358.3	0.0	0.0	0.0	0.0	19.3	215.3	1.4	0.0	Z	0.2	122.1
+ Textile & leather	1 126.7	11.4	0.0	0.0	0.0	59.9	576.1	0.2	0.0	Z	38.9	440.2
+ Not elsewhere specified (industry)	1 538.8	0.0	0.0	0.0	0.0	22.7	20.9	46.6	14.8	Z	111.1	1 322.7
+ Transport	35 579.5	0.0	0.0	0.0	0.0	32 244.4	1 093.1	1 249.7	0.0	Z	Z	992.3
+ Rail	535.0	0.0	0.0	0.0	0.0	44.8	Z	0.0	0.0	Z	Z	490.2
+ Road	32 805.8	Z	Z	Z	Z	30 689.6	857.9	1 249.7	0.0	Z	Z	8.5
+ Domestic aviation	879.4	Z	Z	Z	Z	879.4	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	630.6	0.0	0.0	0.0	0.0	630.6	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	266.5	Z	Z	Z	Z	0.0	235.2	0.0	Z	Z	Z	31.3
+ Not elsewhere specified (transport	462.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	462.2
+ Other	54 539.9	0.0	0.0	0.0	0.0	5 134.2	23 886.3	9 304.0	0.0	Z	1 987.4	14 227.9
+ Commercial & public services	19 338.2	0.0	0.0	0.0	0.0	542.9	7 250.2	2 706.5	0.0	Z	714.0	8 124.7
+ Households	32 055.9	0.0	0.0	0.0	0.0	2 199.7	16 499.4	6 514.0	0.0	Z	1 241.9	5 600.8
+ Agriculture & forestry	2 798.2	0.0	0.0	0.0	0.0	2 129.1	136.8	49.9	0.0	Z	10.7	471.8
+ Fishing	234.4	0.0	0.0	0.0	0.0	170.1	0.0	33.7	0.0	Z	0.0	30.7
+ Not elsewhere specified (other)	113.2	0.0	0.0	0.0	0.0	92.4	0.0	0.0	0.0	Z	20.7	0.0
Statistical differences	**-1 622.0**	**-281.0**	**0.0**	**0.0**	**0.0**	**-1 341.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	24 858.7	2 448.0	213.7	0.0	0.0	948.3	11 052.2	9 985.5	211.0	0.0	Z	Z
Gross heat production	5 482.9	46.4	58.0	0.0	0.0	759.9	3 531.9	951.5	135.1	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

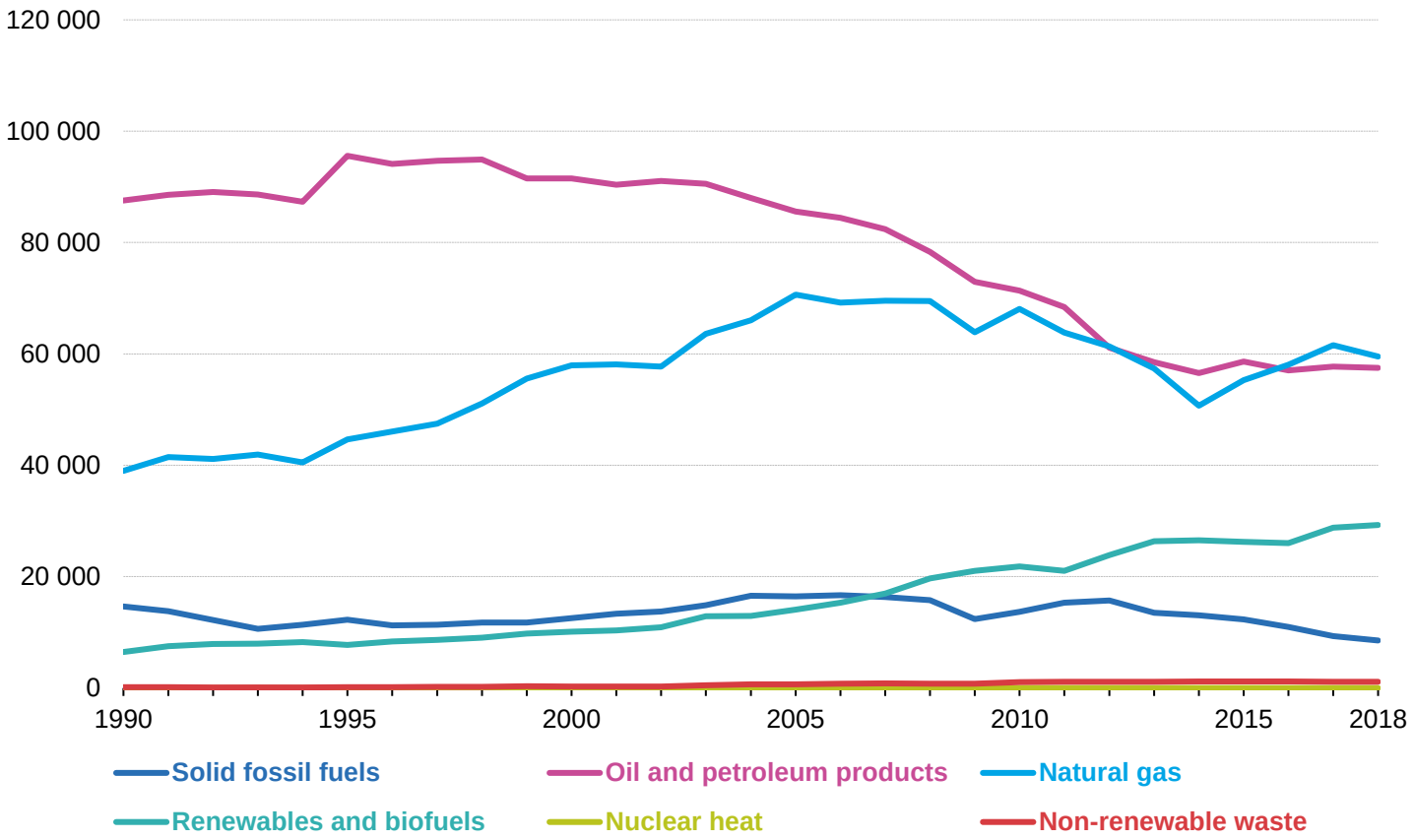
Italy	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	179 819	173 688	166 908	160 570	151 759	157 630	156 490	161 815	159 714
Solid fossil fuels	13 674	15 331	15 715	13 536	13 059	12 300	10 983	9 342	8 542
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	88 452	84 792	79 254	69 227	64 347	73 138	70 221	73 923	69 312
Petroleum products	71 386	68 450	61 115	58 516	56 565	58 623	57 043	57 722	57 470
Natural gas	68 057	63 814	61 356	57 387	50 706	55 302	58 080	61 549	59 513
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	21 864	21 026	23 885	26 371	26 512	26 269	26 018	28 821	29 282
Non-renewable wastes	1 041	1 135	1 132	1 138	1 158	1 149	1 183	1 134	1 133
Primary production	32 945	31 917	34 964	36 767	36 694	36 098	33 519	36 667	37 342
Solid fossil fuels	64	58	51	46	55	51	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	5 560	5 581	5 629	5 748	5 983	5 788	4 029	4 456	5 091
Natural gas	6 885	6 920	7 048	6 335	5 855	5 545	4 738	4 536	4 462
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	19 395	18 224	21 104	23 500	23 644	23 564	23 569	26 540	26 657
Non-renewable wastes	1 041	1 135	1 132	1 138	1 158	1 149	1 183	1 134	1 133
Net imports	148 479	141 300	132 039	123 216	115 050	121 422	121 520	124 564	121 923
Solid fossil fuels	13 787	14 726	15 187	13 023	12 889	12 318	10 711	9 360	8 625
Crude oil	78 236	71 762	67 932	57 824	53 475	61 748	60 254	65 652	61 551
Gas/Diesel Oil (w/o bio)	-8 342	-6 882	-8 795	-5 541	-2 371	-6 016	-4 998	-5 241	-3 698
Motor Gasoline (w/o bio)	-9 217	-8 717	-9 653	-7 924	-6 976	-8 439	-8 175	-8 728	-8 544
Naphtha	876	-270	-73	572	235	266	602	108	846
LPG	1 736	1 784	1 916	2 086	2 185	2 226	2 282	2 259	2 238
All other oil & petroleum products	66 800	62 316	55 043	53 082	50 080	52 428	51 879	52 824	51 634
Natural gas	61 600	57 531	55 353	50 564	45 471	49 996	53 294	56 820	55 268
Transformation input	161 454	158 130	151 504	133 242	127 106	136 658	134 470	139 367	134 876
Electricity & heat generation	59 351	59 777	58 172	54 589	52 666	54 234	54 863	55 904	53 920
Refinery intake	90 380	85 868	81 739	69 867	66 530	74 724	72 086	75 671	72 413
Coke ovens	3 639	4 137	3 702	2 128	1 690	1 593	1 741	1 668	1 698
Blast furnaces	3 055	3 279	2 945	2 085	2 130	1 495	1 765	1 303	1 275
Transformation output	131 199	127 925	122 846	108 248	102 972	111 221	108 992	114 138	111 205
Electricity & heat generation	30 877	31 251	30 677	30 087	28 980	29 515	30 262	31 012	30 393
Refinery output	91 404	87 095	82 973	70 968	67 705	75 144	72 538	76 359	73 237
Coke ovens	3 193	3 729	3 551	2 092	1 523	1 459	1 546	1 526	1 623
Blast furnaces	770	862	788	585	745	546	695	498	470
Energy sector	9 439	9 974	8 548	7 443	6 714	7 518	6 836	7 699	7 605
Distribution losses	2 255	2 151	2 264	2 253	1 963	1 980	1 913	1 992	1 929
Available for final consumption	131 728	125 612	121 870	120 700	113 958	117 629	116 754	121 174	119 953
Solid fossil fuels	754	1 156	1 096	836	697	576	753	270	398
Manufactured gases	0	0	206	165	280	209	235	159	132
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	28 693	28 448	26 672	25 912	26 833	26 151	25 871	24 555	25 504
Motor Gasoline (w/o bio)	10 604	10 871	9 650	8 997	9 232	8 167	7 759	7 657	7 880
Naphtha	3 196	2 677	2 477	1 869	2 455	2 127	2 436	5 144	4 763
LPG	3 684	3 548	3 551	3 699	3 465	3 569	3 525	3 635	3 467
All other oil & petroleum products	53 545	52 561	46 931	46 834	45 892	46 084	45 014	45 391	44 545
Natural gas	39 065	35 961	35 821	35 672	31 412	33 556	33 890	34 577	34 245
Primary solid biofuels & charcoal	7 336	4 811	6 851	6 865	6 001	6 800	6 582	7 173	6 673
Liquid biofuels	1 419	1 401	1 368	1 252	1 065	1 167	1 041	1 062	1 250
All other renewable energies	9 073	6 538	8 588	8 498	7 453	8 365	8 043	11 313	10 960
Non-renewable wastes	223	249	281	281	272	269	276	245	252
Electricity	25 736	25 952	25 515	24 711	24 204	24 719	24 594	25 104	25 200
Heat	3 332	3 195	3 433	3 702	3 747	3 851	3 950	4 114	4 221
Statistical difference	-885	-1 093	-2 569	306	-2 078	-1 085	-1 107	-352	-1 622
Final non-energy consumption	9 560	9 187	7 880	6 339	7 188	6 605	6 306	7 915	7 153
Final energy consumption	123 053	117 518	116 559	114 054	108 848	112 108	111 555	113 611	114 422
Industry	29 015	27 745	26 949	25 354	24 739	24 853	25 089	24 926	24 302
Transport	38 566	38 572	36 349	35 701	37 009	36 374	35 815	34 525	35 579
Other sectors	55 472	51 201	53 262	52 999	47 100	50 880	50 651	54 160	54 540
Services	16 979	15 751	15 931	15 847	14 667	15 391	15 440	18 242	19 338
Households	35 393	32 378	34 348	34 231	29 546	32 494	32 185	32 899	32 056

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	176 845	171 192	164 441	158 391	149 846	155 730	154 278	156 862	154 397
Primary energy consumption	167 284	162 005	156 561	152 052	142 658	149 124	147 971	148 948	147 244
Final energy consumption	128 506	123 184	121 816	118 554	113 310	116 224	115 920	115 186	116 466

Source: Eurostat (nrg_bal_c)

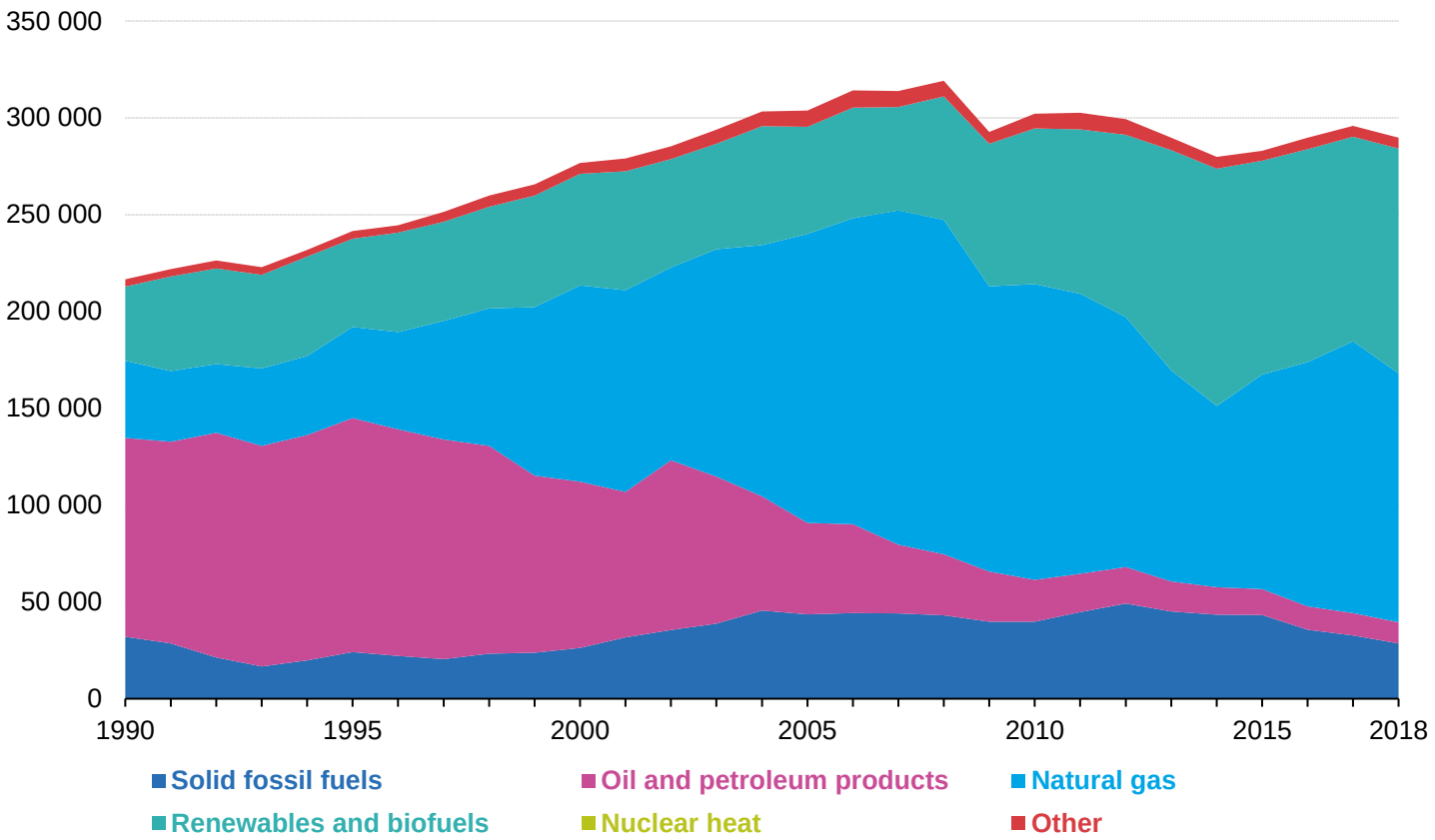
Italy

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

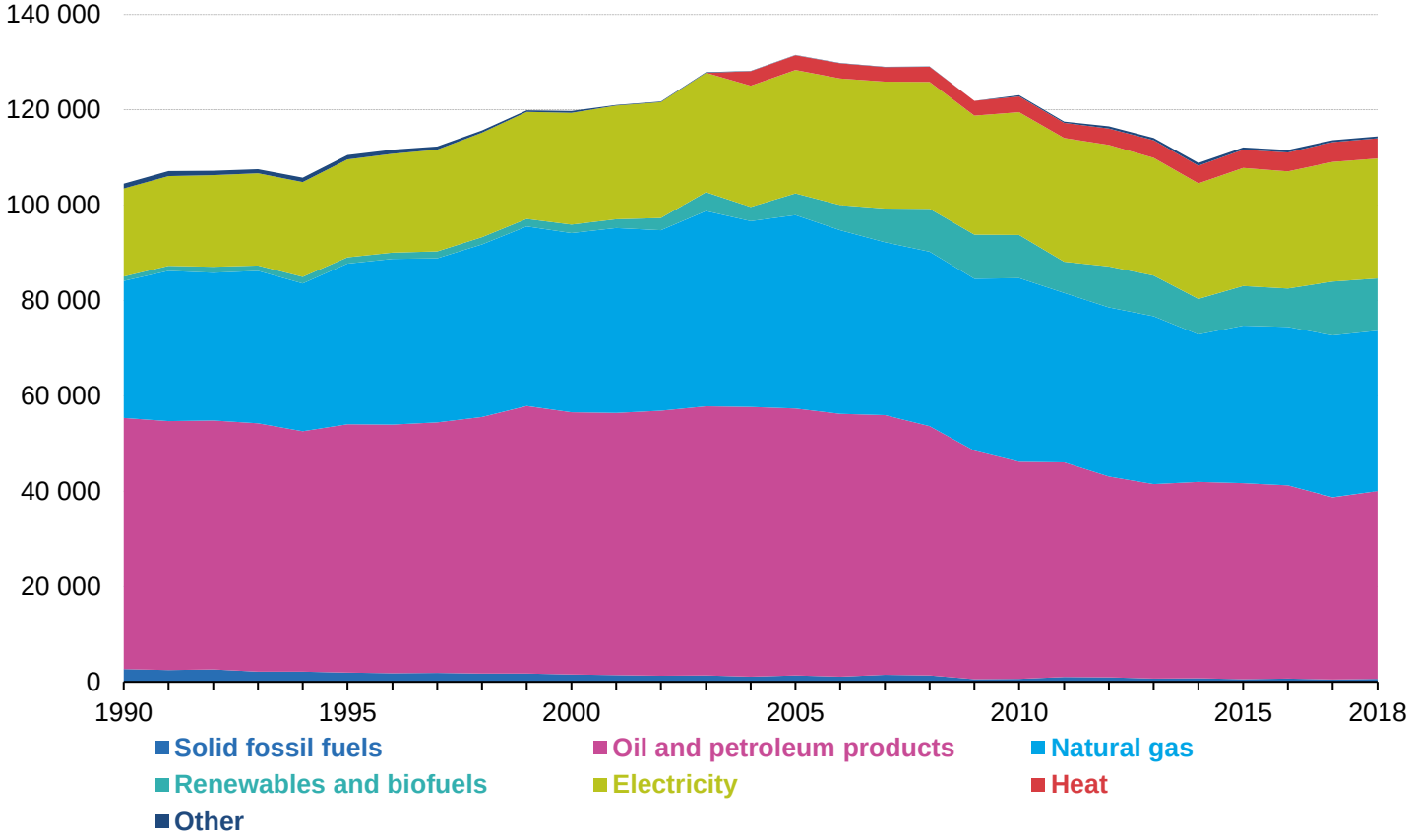


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

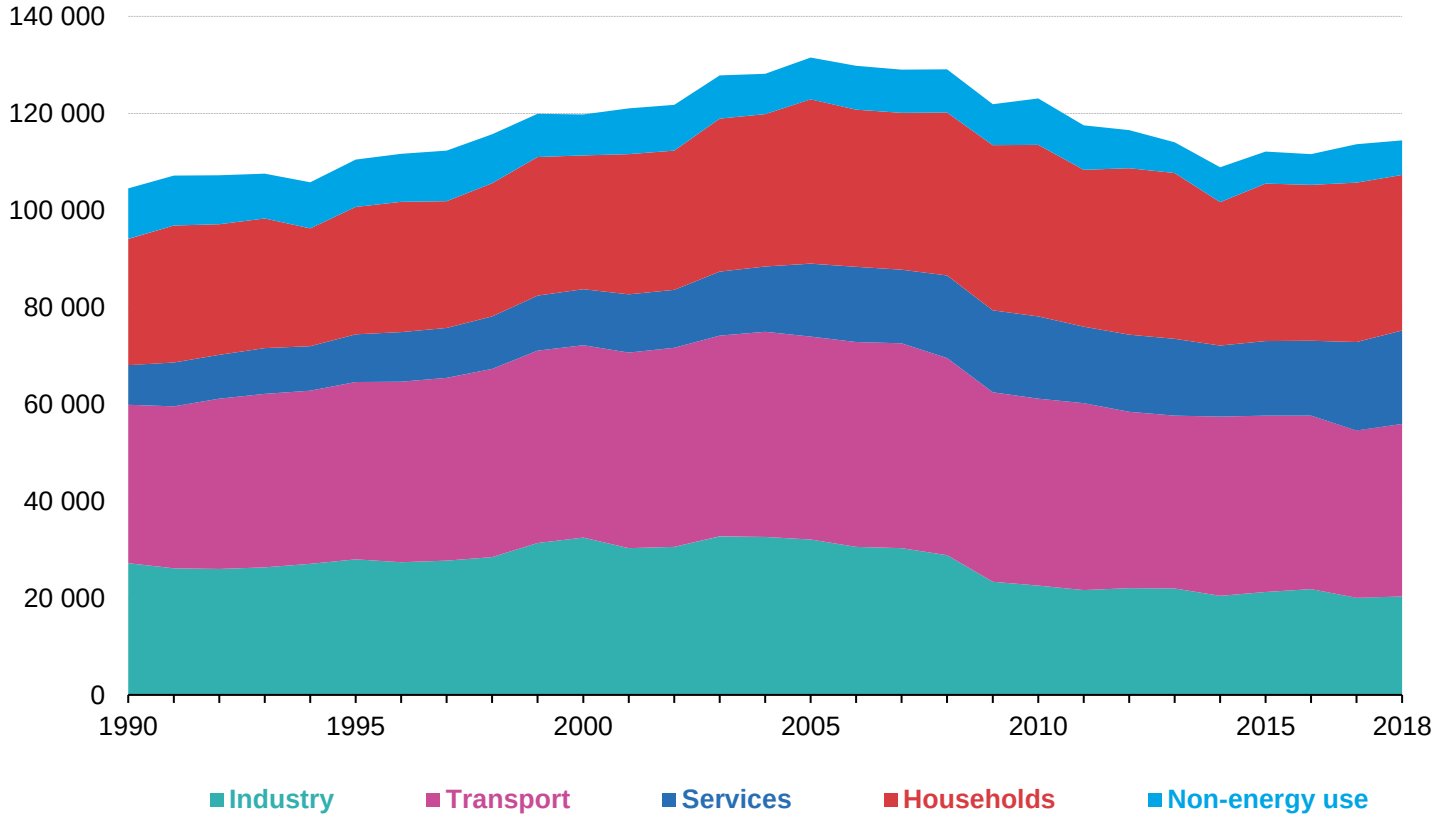
Italy

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	289 802	279 827	282 991	289 768	295 830	289 708	291 693 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	44 114	42 507	42 349	35 349	32 611	28 470	15 111 P
Sub-bituminous coal	991	947	852	258	16	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	45 105	43 454	43 201	35 607	32 627	28 470	15 111 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	108 875	93 637	110 860	126 148	140 349	128 538	143 198 P
Coke oven gas	1 064	771	612	761	837	890	986 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	2 268	2 292	1 298	2 026	1 473	1 586	1 802 P
Other recovered gases	56	7	277	9	158	10	11 P
Sub-total	112 263	96 707	113 047	128 944	142 818	131 023	145 997 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	1 810	1 571	1 846	1 979	1 904	1 929	2 193 P
Liquefied petroleum gases	32	19	18	24	14	18	21 P
Naphtha	66	16	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	16	11	3	0	0	0	0 P
Gas oil and diesel oil	419	474	477	434	468	381	163 P
Fuel oil	2 854	2 480	3 234	1 691	1 696	960	992 P
Petroleum coke	220	193	41	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	10 065	9 399	7 765	8 003	7 444	7 740	7 482 P
Sub-total	15 482	14 163	13 384	12 131	11 527	11 029	10 851 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	54 672	60 256	46 969	44 257	38 025	50 503	47 499 P
Geothermal	5 659	5 916	6 185	6 289	6 201	6 105	6 031 P
Wind	14 897	15 178	14 844	17 689	17 742	17 716	20 245 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	21 589	22 306	22 942	22 104	24 378	22 654	23 689 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	3 679	3 823	3 947	4 125	4 232	4 191	4 129 P
Liquid biofuels	3 758	4 341	4 894	4 710	4 464	4 291	4 445 P
Biogases	7 448	8 198	8 212	8 259	8 299	8 300	8 119 P
Renewable municipal waste	2 206	2 370	2 343	2 415	2 384	2 371	2 404 P
Sub-total	113 907	122 390	110 336	109 847	105 724	116 131	116 561 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	87	81	85	88	90	83	77 P
Non-renewable municipal waste	2 206	2 370	2 343	2 415	2 384	2 371	2 404 P
Sub-total	2 293	2 452	2 428	2 503	2 473	2 454	2 481 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	753	661	595	736	661	601	693 P
Sub-total	753	661	595	736	661	601	693 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	33	71	95 P
Coking coal	3 098	2 415	2 246	2 440	2 309	2 427	2 313 P
Other bituminous coal	17 478	17 213	16 765	14 474	12 844	11 477	7 055 P
Sub-bituminous coal	495	475	445	128	8	0	0 P
Lignite	5	3	3	2	2	2	1 P
Coke oven coke	2 971	2 636	2 122	2 451	2 001	2 093	2 189 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	66	55	74	71 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	2 669 630	2 358 847	2 572 626	2 701 862	2 863 596	2 769 640	2 831 507 P
Coke oven gas	19 494	16 577	13 516	14 439	15 132	15 150	15 353 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	23 838	25 544	15 934	23 709	16 990	18 007	20 312 P
Other recovered gases	671	5 636	6 911	5 402	3 859	1 651	1 590 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	66 546	59 953	68 742	67 206	70 199	65 433	65 799 P
Refinery intake	70 546	66 023	74 752	71 606	75 708	71 383	70 934 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	11 406	11 338	11 794	14 277	14 485	15 865	14 594 P
Export	22 994	19 611	26 656	27 718	30 108	27 566	26 515 P
Total refinery output	69 628	66 337	73 935	71 361	74 946	71 741	72 246 P
Gas oil and diesel oil	31 358	29 488	31 996	30 665	29 521	28 996	31 917 P
Motor gasoline	15 344	15 419	15 790	15 106	15 679	15 601	15 746 P
Fuel oil	5 127	5 731	7 706	8 074	8 511	6 858	6 694 P
Naphtha	2 729	2 705	2 667	2 436	6 391	5 108	5 091 P
Kerosene-type jet fuel	2 433	2 267	2 113	2 046	2 217	2 765	2 824 P
All other oil products	12 637	10 727	13 663	13 034	12 627	12 414	9 973 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	370 451	337 724	359 145	353 416	377 342	356 343	365 987 P
Charcoal [kt]	66	70	67	70	64	72	72 E
Biogases [TJ]	76 013	82 105	78 355	78 505	79 453	79 221	76 533 E
Pure biogasoline [kt]	87	12	30	38	38	38	35 P
Pure biodiesels [kt]	1 335	1 196	1 295	1 144	1 167	1 380	1 412 P
Other liquid biofuels [kt]	826	963	1 073	1 032	983	954	987 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	34 651	35 941	35 419	36 453	35 722	35 447	36 216 P
Non-renewable municipal waste	34 651	35 941	35 419	36 453	35 722	35 447	36 216 P
Industrial waste (non-renewable)	12 994	12 532	12 696	13 082	11 765	11 989	11 418 E

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	210 020	219 177	228 997	233 230	230 307	226 914	224 236 E
Solar thermal	7 042	7 519	7 955	8 382	8 746	9 151	9 490 P
Ambinet heat (heat pumps)	0	0	0	0	110 966	108 696	104 606 P

Source: Eurostat (nrg_cb_rw)

Cyprus ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	196.7	0.0	Z	0.0	0.0	0.0	0.0	192.5	4.3	0.0	0.0	Z
+ Recovered & recycled products	4.5	0.0	Z	0.0	0.0	4.5	Z	0.0	Z	Z	Z	Z
+ Imports	2 684.5	13.3	0.0	0.0	0.0	2 607.3	0.0	45.1	18.8	Z	0.0	0.0
- Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Change in stock	16.7	0.3	0.0	0.0	0.0	15.7	0.0	0.7	-0.1	Z	Z	Z
= Gross available energy	**2 902.4**	**13.6**	**0.0**	**0.0**	**0.0**	**2 627.5**	**0.0**	**238.3**	**23.0**	**0.0**	**0.0**	**0.0**
- International maritime bunkers	269.4	0.0	0.0	0.0	0.0	269.4	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**2 633.1**	**13.6**	**0.0**	**0.0**	**0.0**	**2 358.2**	**0.0**	**238.3**	**23.0**	**0.0**	**0.0**	**0.0**
- International aviation	324.7	Z	Z	Z	Z	324.7	Z	0.0	Z	Z	Z	Z
= Total energy supply	**2 308.4**	**13.6**	**0.0**	**0.0**	**0.0**	**2 033.5**	**0.0**	**238.3**	**23.0**	**0.0**	**0.0**	**0.0**
Transformation input	**1 080.6**	**0.0**	**0.0**	**0.0**	**0.0**	**1 030.4**	**0.0**	**50.2**	**0.0**	**0.0**	**0.0**	**0.0**
+ Electricity & heat generation	1 074.8	0.0	0.0	0.0	0.0	1 030.4	0.0	44.5	0.0	0.0	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	3.1	Z	Z	Z	Z	Z	Z	3.1	Z	Z	Z	Z
+ Charcoal production plants	2.7	Z	Z	Z	Z	Z	Z	2.7	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**440.6**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**0.0**	**4.2**	**Z**	**Z**	**1.3**	**435.1**
+ Electricity & heat generation	436.4	Z	Z	Z	Z	Z	Z	Z	Z	Z	1.3	435.1
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	3.1	Z	Z	Z	Z	Z	Z	3.1	Z	Z	Z	Z
+ Charcoal production plants	1.1	Z	Z	Z	Z	Z	Z	1.1	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**20.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**20.6**
+ Own use in electricity & heat genera	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	20.1
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.2
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.3
Distribution losses	**13.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**13.6**
Available for final consumption	**1 634.3**	**13.6**	**0.0**	**0.0**	**0.0**	**1 003.1**	**0.0**	**192.3**	**23.0**	**0.0**	**1.3**	**401.0**
Final non-energy consumption	**38.7**	**0.0**	**0.0**	**0.0**	**0.0**	**38.7**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**1 581.3**	**13.6**	**0.0**	**0.0**	**0.0**	**949.7**	**0.0**	**192.6**	**23.0**	**Z**	**1.3**	**401.1**
+ Industry	227.7	13.6	0.0	0.0	0.0	112.0	0.0	33.5	23.0	Z	0.0	45.6
+ Iron & steel	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.2
+ Chemical & petrochemical	7.2	0.0	0.0	0.0	0.0	2.5	0.0	0.8	0.0	Z	0.0	3.8
+ Non-ferrous metals	0.8	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	Z	0.0	0.0
+ Non-metallic minerals	152.5	13.6	0.0	0.0	0.0	71.6	0.0	29.5	23.0	Z	0.0	14.8
+ Transport equipment	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.2
+ Machinery	2.5	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	Z	0.0	2.1
+ Mining & quarrying	6.3	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	Z	0.0	2.5
+ Food, beverages & tobacco	40.4	0.0	0.0	0.0	0.0	21.6	0.0	3.2	0.0	Z	0.0	15.7
+ Paper, pulp & printing	2.2	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	Z	0.0	1.4
+ Wood & wood products	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.5
+ Construction	10.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	Z	0.0	0.6
+ Textile & leather	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.4
+ Not elsewhere specified (industry)	4.3	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	Z	0.0	3.4
+ Transport	678.5	0.0	0.0	0.0	0.0	669.5	0.0	9.0	0.0	Z	Z	0.0
+ Rail	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	0.0
+ Road	675.9	Z	Z	Z	Z	667.0	0.0	9.0	0.0	Z	Z	0.0
+ Domestic aviation	1.9	Z	Z	Z	Z	1.9	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.7	0.0	0.0	0.0	0.0	0.7	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	675.1	0.0	0.0	0.0	0.0	168.2	0.0	150.2	0.0	Z	1.3	355.5
+ Commercial & public services	276.5	0.0	0.0	0.0	0.0	37.1	0.0	52.5	0.0	Z	0.0	186.9
+ Households	337.2	0.0	0.0	0.0	0.0	96.6	0.0	95.4	0.0	Z	0.0	145.2
+ Agriculture & forestry	42.4	0.0	0.0	0.0	0.0	23.9	0.0	2.3	0.0	Z	1.3	14.9
+ Fishing	2.1	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	Z	0.0	0.3
+ Not elsewhere specified (other)	17.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0	0.0	Z	0.0	8.2
Statistical differences	**14.3**	**0.0**	**0.0**	**0.0**	**0.0**	**14.7**	**0.0**	**-0.3**	**0.0**	**0.0**	**0.0**	**-0.1**
Gross electricity production	435.1	0.0	0.0	0.0	0.0	394.1	0.0	41.1	0.0	0.0	Z	Z
Gross heat production	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

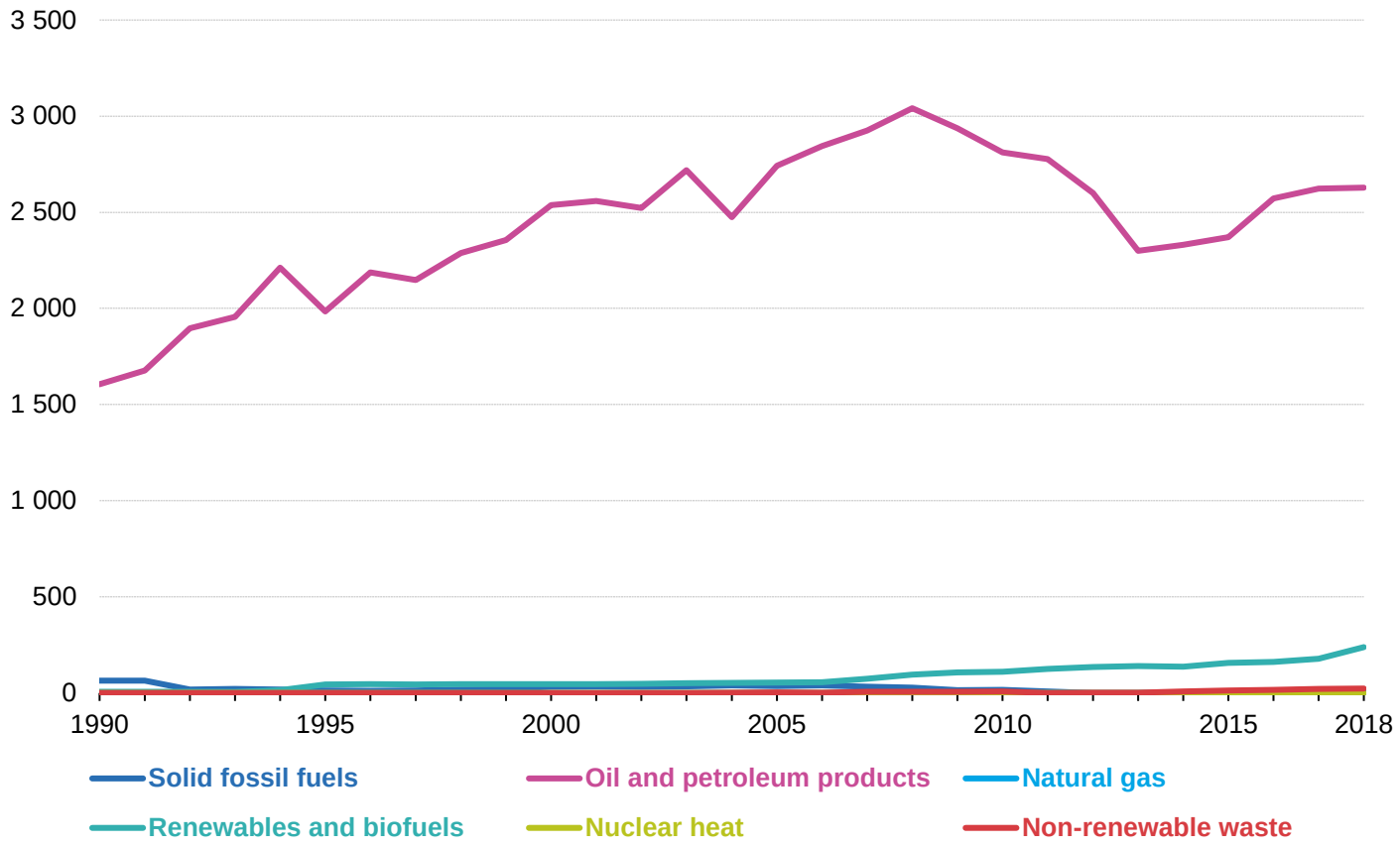
Cyprus	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	2 945	2 910	2 736	2 440	2 477	2 542	2 750	2 827	2 902
Solid fossil fuels	17	7	0	0	2	4	0	3	14
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Petroleum products	2 812	2 777	2 599	2 299	2 331	2 370	2 572	2 624	2 628
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	109	126	136	140	136	156	162	179	238
Non-renewable wastes	7	0	1	1	8	12	16	22	23
Primary production	93	101	113	115	122	131	138	145	197
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	86	101	113	115	115	128	134	141	192
Non-renewable wastes	7	0	0	0	7	3	5	3	4
Net imports	2 964	2 685	2 647	2 345	2 306	2 474	2 636	2 712	2 685
Solid fossil fuels	11	0	0	0	3	4	0	10	13
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	698	636	721	687	561	576	632	805	787
Motor Gasoline (w/o bio)	425	398	385	363	362	383	377	370	359
Naphtha	0	0	0	0	0	0	0	0	0
LPG	58	61	60	56	54	61	60	63	60
All other oil & petroleum products	2 930	2 660	2 625	2 318	2 281	2 437	2 590	2 647	2 607
Natural gas	0	0	0	0	0	0	0	0	0
Transformation input	1 208	1 174	1 128	914	937	973	1 056	1 066	1 081
Electricity & heat generation	1 201	1 167	1 120	907	932	968	1 052	1 059	1 075
Refinery intake	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	464	431	413	376	379	394	423	436	441
Electricity & heat generation	458	425	406	370	375	391	421	432	436
Refinery output	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	20	21	16	16	20	20	19	20	21
Distribution losses	19	14	12	16	15	18	23	20	14
Available for final consumption	1 694	1 626	1 520	1 386	1 410	1 438	1 513	1 590	1 634
Solid fossil fuels	17	7	0	0	2	4	0	3	14
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	447	467	427	345	346	367	389	428	426
Motor Gasoline (w/o bio)	416	398	385	365	360	368	372	370	365
Naphtha	0	0	0	0	0	0	0	0	0
LPG	55	62	59	59	54	61	60	61	61
All other oil & petroleum products	1 149	1 121	1 030	939	953	952	998	1 038	1 003
Natural gas	0	0	0	0	0	0	0	0	0
Primary solid biofuels & charcoal	15	16	11	9	11	17	16	21	21
Liquid biofuels	15	16	18	15	10	10	9	10	9
All other renewable energies	102	108	110	108	106	117	120	136	192
Non-renewable wastes	7	0	1	1	8	12	16	22	23
Electricity	419	390	378	337	341	352	378	391	401
Heat	0	1	1	1	1	1	1	1	1
Statistical difference	-37	-55	-12	-13	9	-10	-17	0	14
Final non-energy consumption	85	67	39	27	24	24	39	39	39
Final energy consumption	1 646	1 614	1 493	1 372	1 377	1 424	1 491	1 552	1 581
Industry	236	210	173	186	226	212	215	234	228
Transport	765	744	688	620	600	622	654	675	678
Other sectors	644	660	631	566	552	590	621	643	675
Services	248	236	223	203	200	207	225	236	276
Households	337	357	352	307	294	327	336	345	337

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	2 761	2 714	2 541	2 203	2 247	2 300	2 466	2 574	2 587
Primary energy consumption	2 675	2 646	2 501	2 177	2 223	2 276	2 426	2 535	2 548
Final energy consumption	1 930	1 924	1 771	1 620	1 621	1 669	1 768	1 865	1 860

Source: Eurostat (nrg_bal_c)

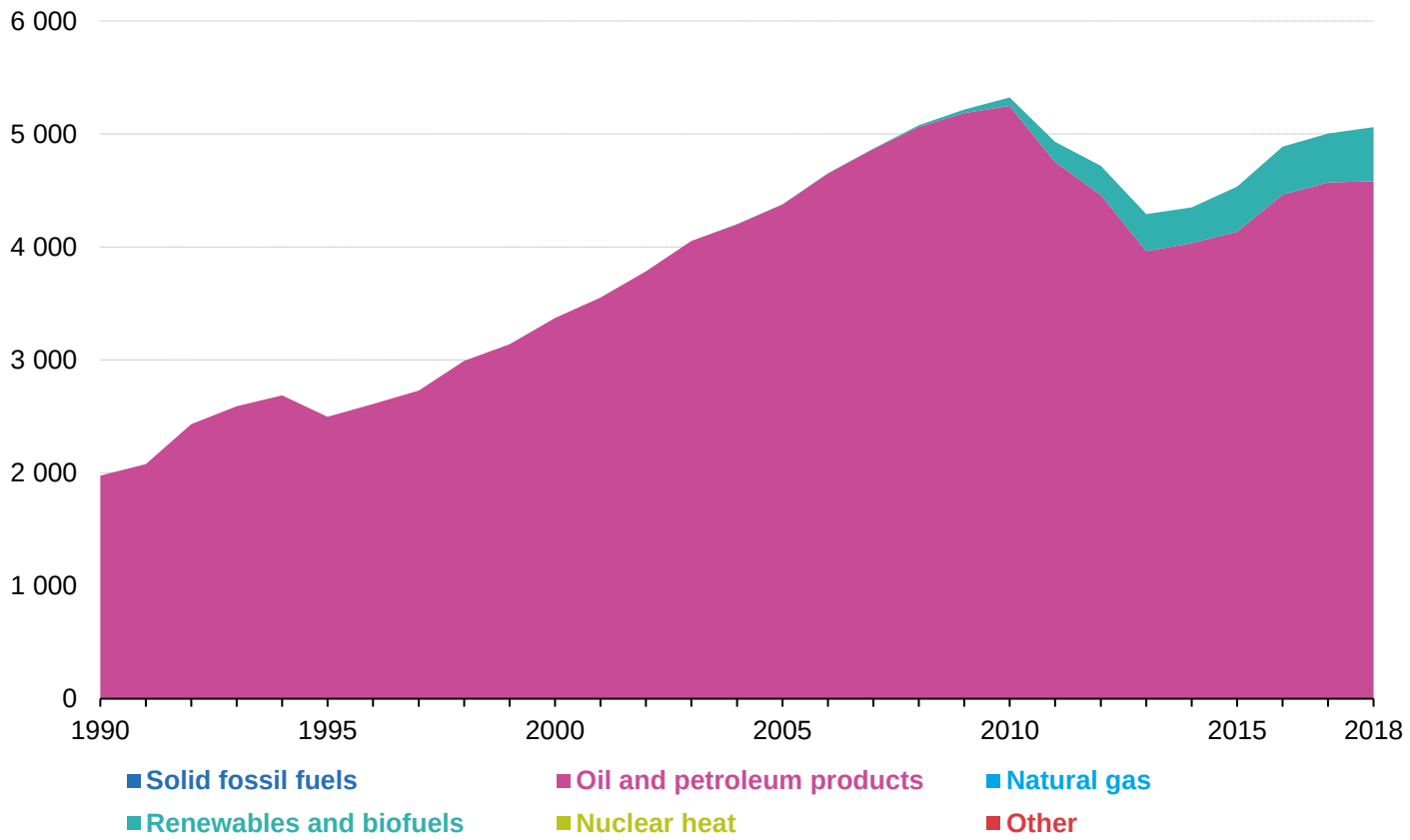
Cyprus

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

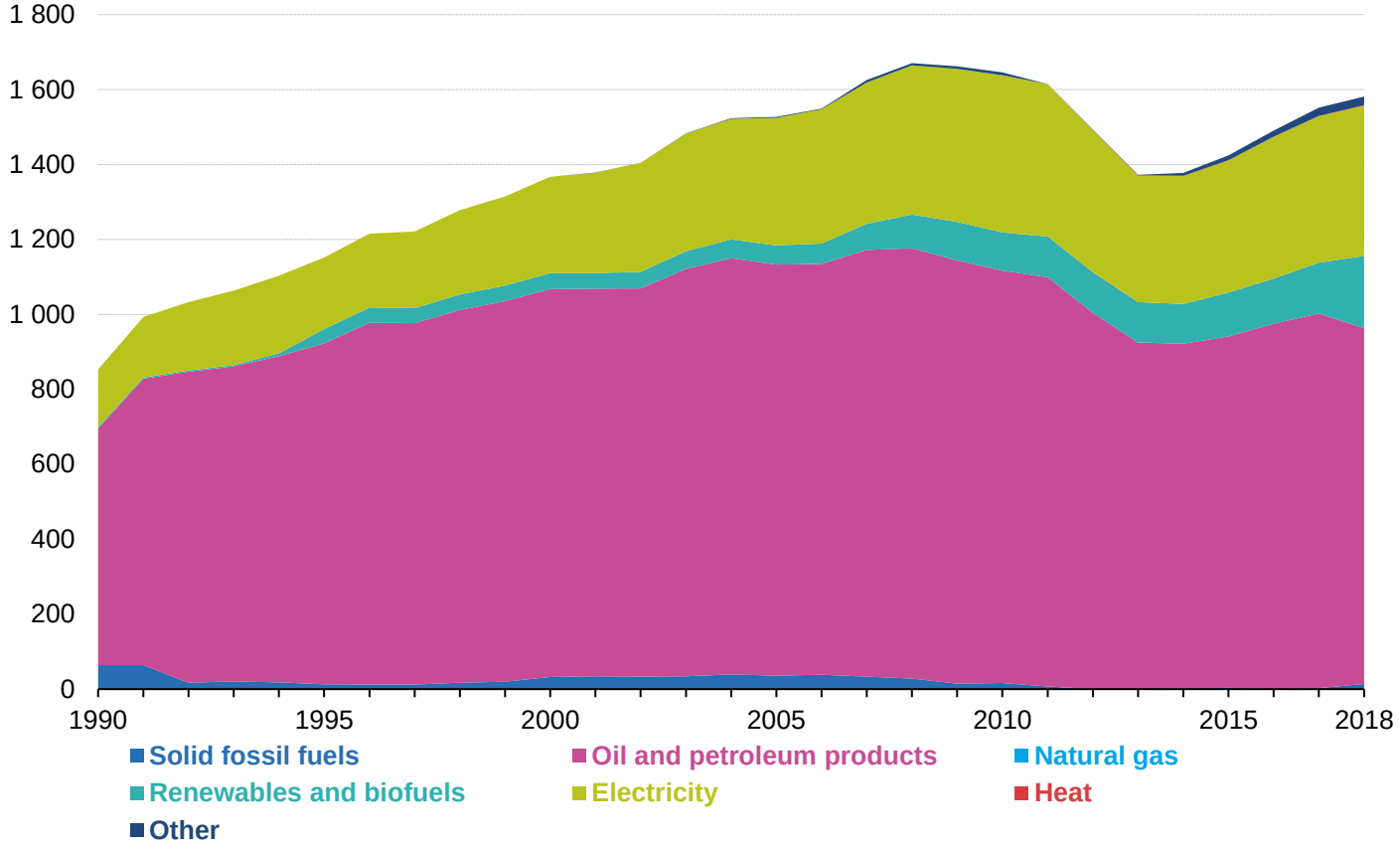


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

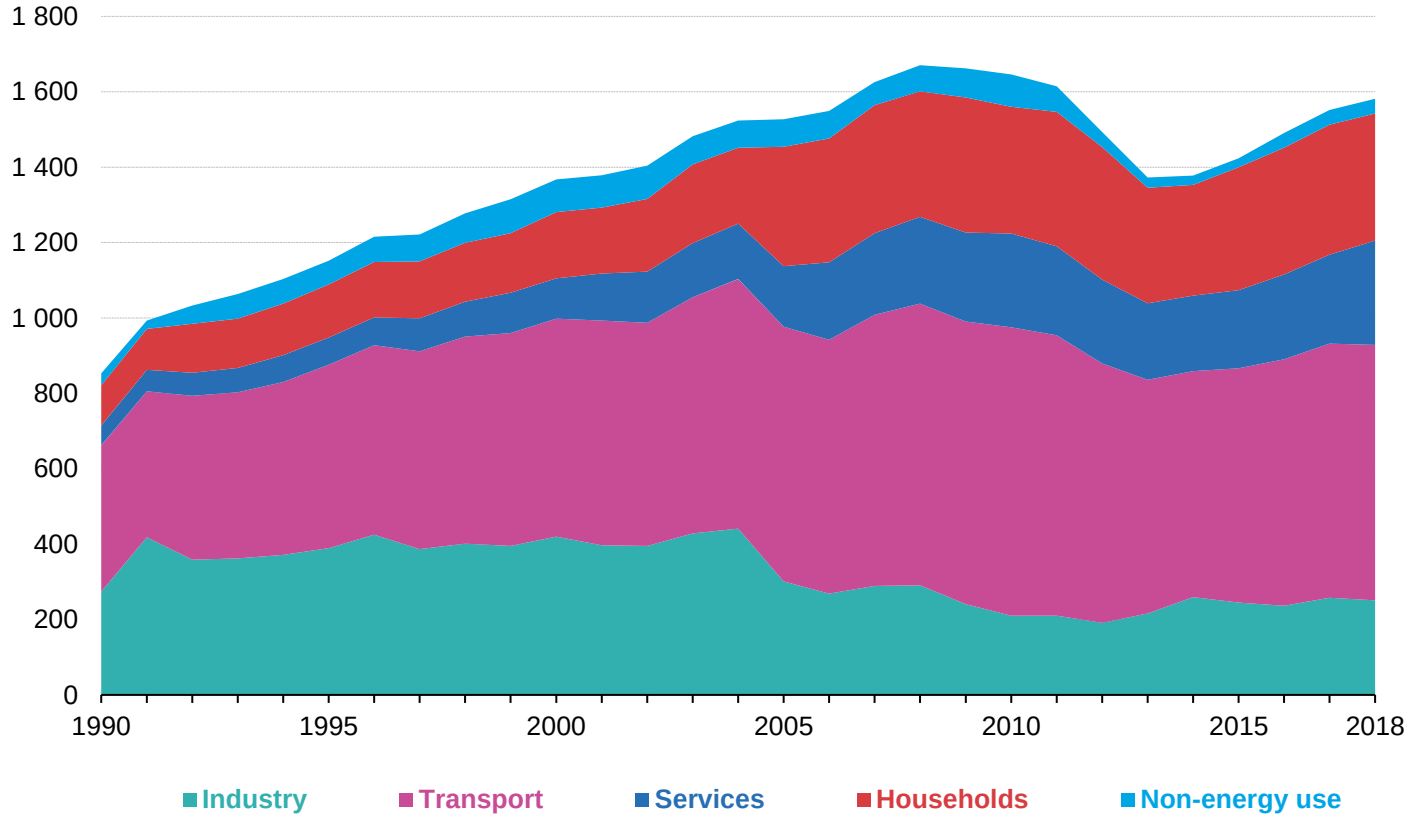
Cyprus

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	4 290	4 350	4 535	4 888	5 004	5 061	5 142 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	0	0	0 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	1 330	695	493	800	1 407	1 336	1 440 P
Fuel oil	2 633	3 338	3 642	3 663	3 162	3 247	3 187 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	3 963	4 033	4 135	4 463	4 569	4 583	4 627 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	0	0	0	0	0	0	0 P
Geothermal	0	0	0	0	0	0	0 P
Wind	231	183	222	227	211	221	238 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	47	84	127	146	172	199	217 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	0	0	0	0	0	0	0 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	49	51	51	52	52	57	60 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	327	317	400	425	435	477	515 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	4	6	0	5	23	28 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	1	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	0	0	0 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	0	0	0	0	0	0 P
Refinery intake	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	2 335	2 299	2 468	2 625	2 651	2 600	2 597 P
Export	0	0	23	16	0	0	0 P
Total refinery output	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Motor gasoline	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	468	524	812	821	1 037	1 001	1 022 P
Charcoal [kt]	12	12	13	15	16	14	15 P
Biogases [TJ]	466	475	471	492	504	554	586 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	6	4	3	0	4	3	4 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	150	161	325	427	752	1 157	938 P
Non-renewable municipal waste	45	37	295	569	812	805	1 123 P
Industrial waste (non-renewable)	0	279	221	94	90	157	164 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	62	65	65	65	65	65	65 P
Solar thermal	2 751	2 796	2 841	2 887	2 940	3 015	3 076 P
Ambinet heat (heat pumps)	0	0	0	0	0	1 930	2 063 P

Source: Eurostat (nrg_cb_rw)

Latvia ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	2 860.7	0.0	Z	1.7	0.0	0.0	0.0	2 852.3	6.7	0.0	0.0	Z
+ Recovered & recycled products	9.6	0.0	Z	0.0	0.0	9.6	Z	0.0	Z	Z	Z	Z
+ Imports	4 412.8	47.2	0.0	0.0	0.0	2 488.4	1 155.4	246.9	30.1	Z	0.0	444.9
- Exports	2 271.8	5.9	0.0	0.4	0.0	891.0	0.0	1 007.7	0.0	Z	0.0	366.7
+ Change in stock	-179.8	3.9	0.0	1.6	0.0	21.7	13.6	-217.5	-3.0	Z	Z	Z
= Gross available energy	**4 831.5**	**45.2**	**0.0**	**2.8**	**0.0**	**1 628.6**	**1 169.0**	**1 873.9**	**33.7**	**0.0**	**0.0**	**78.2**
- International maritime bunkers	38.3	0.0	0.0	0.0	0.0	38.3	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**4 793.3**	**45.2**	**0.0**	**2.8**	**0.0**	**1 590.3**	**1 169.0**	**1 873.9**	**33.7**	**0.0**	**0.0**	**78.2**
- International aviation	153.3	Z	Z	Z	Z	153.3	Z	0.0	Z	Z	Z	Z
= Total energy supply	**4 640.0**	**45.2**	**0.0**	**2.8**	**0.0**	**1 437.1**	**1 169.0**	**1 873.9**	**33.7**	**0.0**	**0.0**	**78.2**
Transformation input	**1 644.4**	**3.7**	**0.0**	**2.4**	**0.0**	**2.4**	**799.5**	**836.3**	**0.0**	**0.0**	**0.0**	**0.1**
+ Electricity & heat generation	1 589.2	3.7	0.0	2.0	0.0	2.2	799.5	781.6	0.0	0.0	0.0	0.1
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.2	Z	Z	Z	Z	0.2	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.4	0.0	0.0	0.4	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	39.8	Z	Z	Z	Z	Z	Z	39.8	Z	Z	Z	Z
+ Charcoal production plants	14.8	Z	Z	Z	Z	Z	Z	14.8	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**1 333.9**	**0.0**	**0.0**	**0.4**	**Z**	**0.2**	**0.0**	**46.0**	**Z**	**Z**	**709.1**	**578.2**
+ Electricity & heat generation	1 287.3	Z	Z	Z	Z	Z	Z	Z	Z	Z	709.1	578.2
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.2	Z	Z	Z	Z	0.2	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.4	0.0	Z	0.4	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	39.8	Z	Z	Z	Z	Z	Z	39.8	Z	Z	Z	Z
+ Charcoal production plants	6.2	Z	Z	Z	Z	Z	Z	6.2	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**87.9**	**0.0**	**0.0**	**0.0**	**0.0**	**6.7**	**12.4**	**0.0**	**0.0**	**Z**	**24.0**	**44.9**
+ Own use in electricity & heat genera	87.9	0.0	0.0	0.0	0.0	6.7	12.4	0.0	0.0	Z	24.0	44.9
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Distribution losses	**134.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**12.6**	**0.0**	**0.0**	**Z**	**83.4**	**38.5**
Available for final consumption	**4 107.0**	**41.6**	**0.0**	**0.8**	**0.0**	**1 428.2**	**344.5**	**1 083.7**	**33.7**	**0.0**	**601.8**	**572.8**
Final non-energy consumption	**100.6**	**0.0**	**0.0**	**0.0**	**0.0**	**100.6**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**4 024.8**	**41.6**	**0.0**	**0.8**	**0.0**	**1 345.9**	**344.5**	**1 083.7**	**33.7**	**Z**	**601.8**	**572.8**
+ Industry	897.9	32.0	0.0	0.0	0.0	56.3	113.8	413.4	33.7	Z	90.3	158.4
+ Iron & steel	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	Z	0.1	1.2
+ Chemical & petrochemical	26.6	0.0	0.0	0.0	0.0	5.0	11.3	3.6	0.0	Z	1.1	5.6
+ Non-ferrous metals	1.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	Z	0.0	0.4
+ Non-metallic minerals	170.3	30.9	0.0	0.0	0.0	9.8	29.5	41.9	33.7	Z	0.3	24.2
+ Transport equipment	8.0	0.0	0.0	0.0	0.0	1.1	1.1	0.0	0.0	Z	1.7	4.0
+ Machinery	17.8	0.0	0.0	0.0	0.0	0.9	5.1	3.3	0.0	Z	0.6	7.9
+ Mining & quarrying	8.1	0.0	0.0	0.0	0.0	4.2	0.8	0.5	0.0	Z	0.0	2.6
+ Food, beverages & tobacco	83.4	0.4	0.0	0.0	0.0	8.8	31.4	10.7	0.0	Z	7.7	24.4
+ Paper, pulp & printing	5.3	0.0	0.0	0.0	0.0	0.1	2.5	0.2	0.0	Z	0.0	2.4
+ Wood & wood products	485.8	0.0	0.0	0.0	0.0	10.6	18.6	310.9	0.0	Z	76.4	69.4
+ Construction	31.5	0.3	0.0	0.0	0.0	15.1	7.1	1.9	0.0	Z	1.1	6.1
+ Textile & leather	7.8	0.1	0.0	0.0	0.0	0.1	4.2	0.2	0.0	Z	0.8	2.5
+ Not elsewhere specified (industry)	50.6	0.2	0.0	0.0	0.0	0.5	1.5	40.1	0.0	Z	0.7	7.7
+ Transport	1 108.7	0.0	0.0	0.0	0.0	1 061.9	0.1	37.8	0.0	Z	Z	8.9
+ Rail	61.1	0.0	0.0	0.0	0.0	53.4	Z	1.9	0.0	Z	Z	5.9
+ Road	1 041.2	Z	Z	Z	Z	1 002.7	0.1	36.0	0.0	Z	Z	2.4
+ Domestic aviation	0.4	Z	Z	Z	Z	0.4	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	5.5	0.0	0.0	0.0	0.0	5.5	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.6	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.6
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	2 018.1	9.5	0.0	0.7	0.0	227.7	230.7	632.5	0.0	Z	511.4	405.6
+ Commercial & public services	592.0	2.9	0.0	0.7	0.0	37.6	105.0	71.2	0.0	Z	129.0	245.6
+ Households	1 231.0	6.6	0.0	0.0	0.0	54.4	119.2	536.3	0.0	Z	371.0	143.6
+ Agriculture & forestry	180.7	0.0	0.0	0.0	0.0	122.7	6.4	25.0	0.0	Z	11.3	15.3
+ Fishing	7.8	0.0	0.0	0.0	0.0	6.6	0.1	0.1	0.0	Z	0.0	1.0
+ Not elsewhere specified (other)	6.6	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	Z	0.1	0.0
Statistical differences	**-18.4**	**0.0**	**0.0**	**0.0**	**0.0**	**-18.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	578.2	0.0	0.0	0.6	0.0	0.0	276.8	300.8	0.0	0.0	Z	Z
Gross heat production	709.1	2.4	0.0	1.2	0.0	1.7	372.7	330.9	0.0	0.0	Z	0.1

Source: Eurostat (nrg_bal_c)

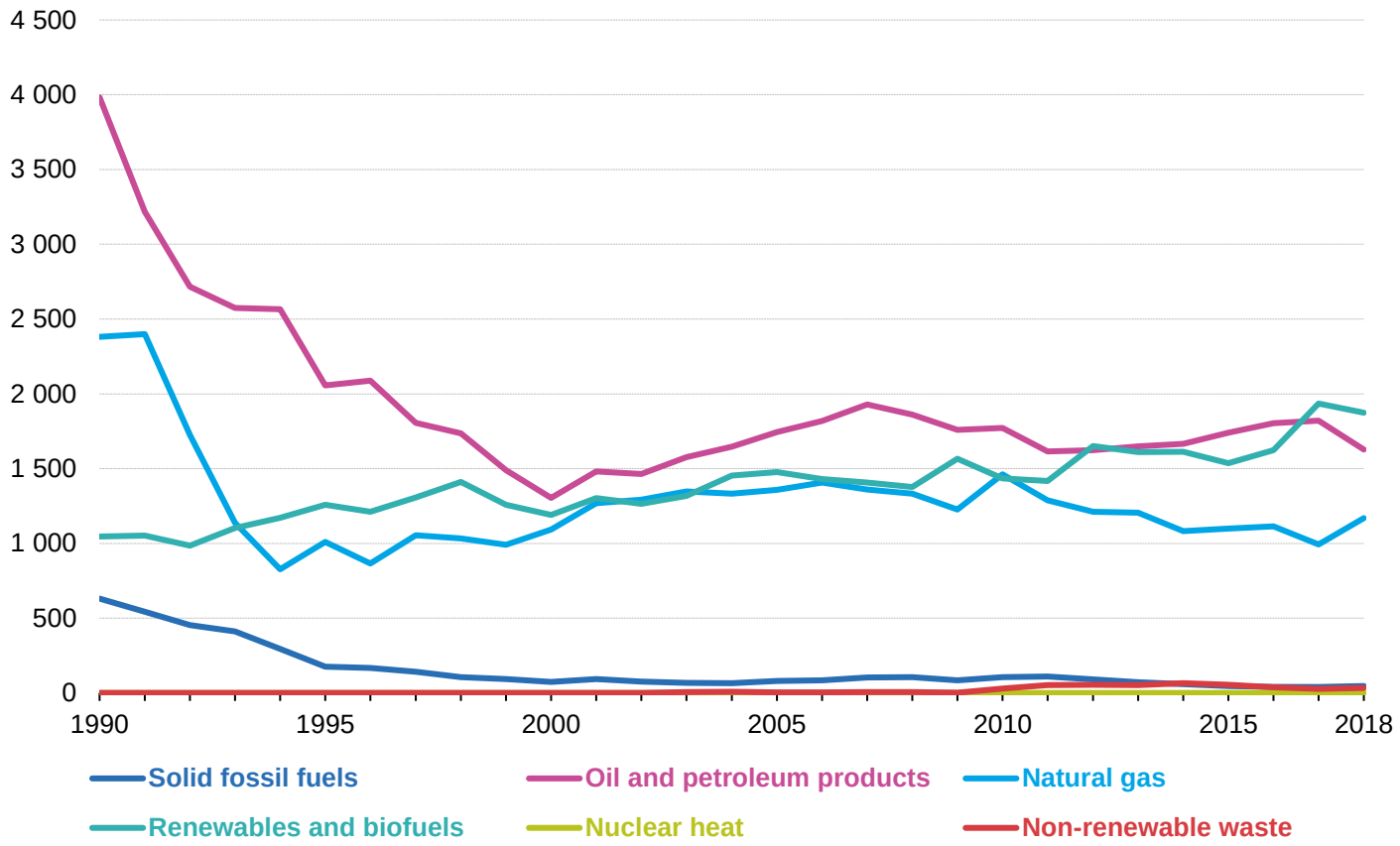
Latvia	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	4 881	4 592	4 778	4 706	4 684	4 634	4 707	4 811	4 832
Solid fossil fuels	107	110	91	71	59	46	40	40	45
Peat & peat products	2	1	1	2	1	0	1	1	3
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	1	2	1	0	0	0	0	0	0
Petroleum products	1 772	1 615	1 623	1 648	1 665	1 741	1 803	1 822	1 629
Natural gas	1 462	1 288	1 211	1 205	1 082	1 098	1 113	993	1 169
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	1 434	1 418	1 651	1 611	1 613	1 537	1 624	1 935	1 874
Non-renewable wastes	28	53	56	53	65	55	37	26	34
Primary production	1 977	2 075	2 337	2 143	2 380	2 338	2 447	2 587	2 861
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	2	0	2	2	1	0	1	0	2
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	1 964	2 071	2 331	2 137	2 371	2 330	2 437	2 580	2 852
Non-renewable wastes	10	4	3	4	8	8	9	7	7
Net imports	2 223	2 749	2 694	2 630	1 901	2 372	2 219	2 120	2 141
Solid fossil fuels	113	112	90	65	46	39	35	36	41
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	949	915	980	956	873	1 160	1 302	1 202	1 072
Motor Gasoline (w/o bio)	248	265	239	215	205	202	203	185	184
Naphtha	0	0	0	0	0	0	0	0	0
LPG	49	59	78	90	103	97	101	103	92
All other oil & petroleum products	1 674	1 644	1 650	1 654	1 539	1 791	1 968	1 824	1 597
Natural gas	903	1 410	1 378	1 392	780	1 083	923	1 013	1 155
Transformation input	1 492	1 349	1 395	1 466	1 329	1 391	1 527	1 622	1 644
Electricity & heat generation	1 452	1 308	1 359	1 430	1 286	1 350	1 497	1 588	1 589
Refinery intake	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	1 289	1 154	1 202	1 189	1 090	1 116	1 266	1 384	1 334
Electricity & heat generation	1 254	1 121	1 172	1 161	1 057	1 084	1 244	1 364	1 287
Refinery output	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	87	87	82	86	91	87	90	86	88
Distribution losses	167	151	151	143	134	124	134	138	135
Available for final consumption	4 055	3 827	3 994	3 838	3 878	3 786	3 784	3 950	4 107
Solid fossil fuels	93	97	77	59	53	42	35	37	42
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	1	1	1	0	1	0	1	0	1
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	926	835	833	857	894	954	960	1 036	1 046
Motor Gasoline (w/o bio)	283	264	230	214	224	206	198	189	183
Naphtha	0	0	0	0	0	0	0	0	0
LPG	50	58	78	91	101	98	99	101	93
All other oil & petroleum products	1 381	1 261	1 248	1 274	1 317	1 371	1 359	1 414	1 428
Natural gas	498	397	402	350	327	317	321	328	344
Primary solid biofuels & charcoal	914	957	1 057	987	1 010	906	870	940	996
Liquid biofuels	27	25	22	22	24	25	13	11	40
All other renewable energies	945	986	1 086	1 019	1 045	941	892	982	1 084
Non-renewable wastes	28	53	56	53	65	55	37	26	34
Electricity	534	532	589	565	566	556	557	558	573
Heat	575	499	535	518	505	504	581	605	602
Statistical difference	-20	-21	-13	-1	8	-7	-10	-11	-18
Final non-energy consumption	73	97	98	107	94	113	97	85	101
Final energy consumption	4 002	3 751	3 908	3 732	3 776	3 680	3 697	3 875	4 025
Industry	774	748	827	768	791	788	749	793	898
Transport	1 083	965	930	940	982	1 038	1 034	1 081	1 109
Other sectors	2 145	2 039	2 151	2 025	2 003	1 855	1 915	2 001	2 018
Services	598	557	623	600	609	586	592	607	592
Households	1 389	1 327	1 376	1 267	1 238	1 106	1 143	1 196	1 231

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	4 629	4 377	4 538	4 466	4 452	4 379	4 392	4 550	4 792
Primary energy consumption	4 556	4 280	4 440	4 359	4 358	4 266	4 295	4 465	4 692
Final energy consumption	4 120	3 869	4 027	3 855	3 885	3 788	3 820	4 014	4 177

Source: Eurostat (nrg_bal_c)

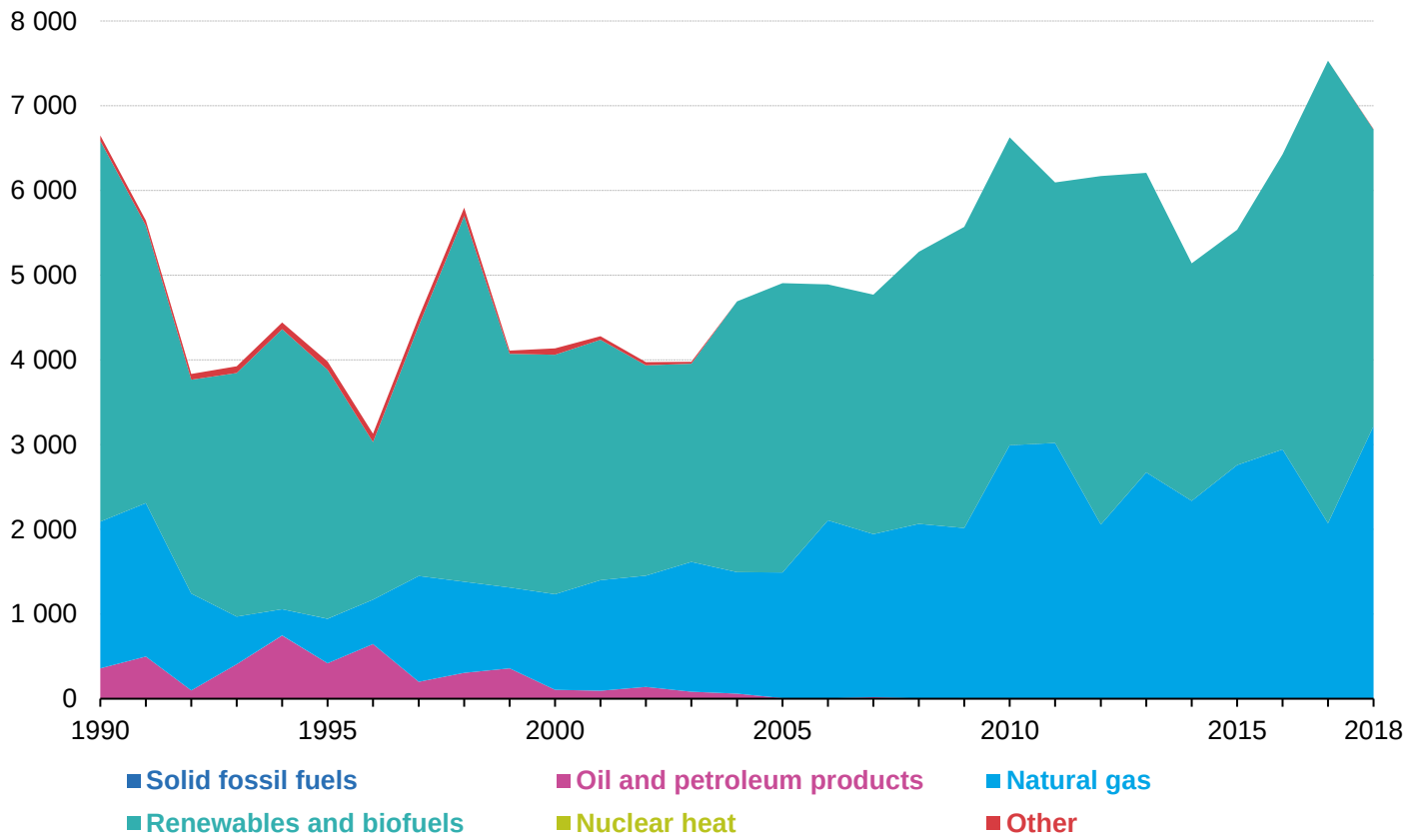
Latvia

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

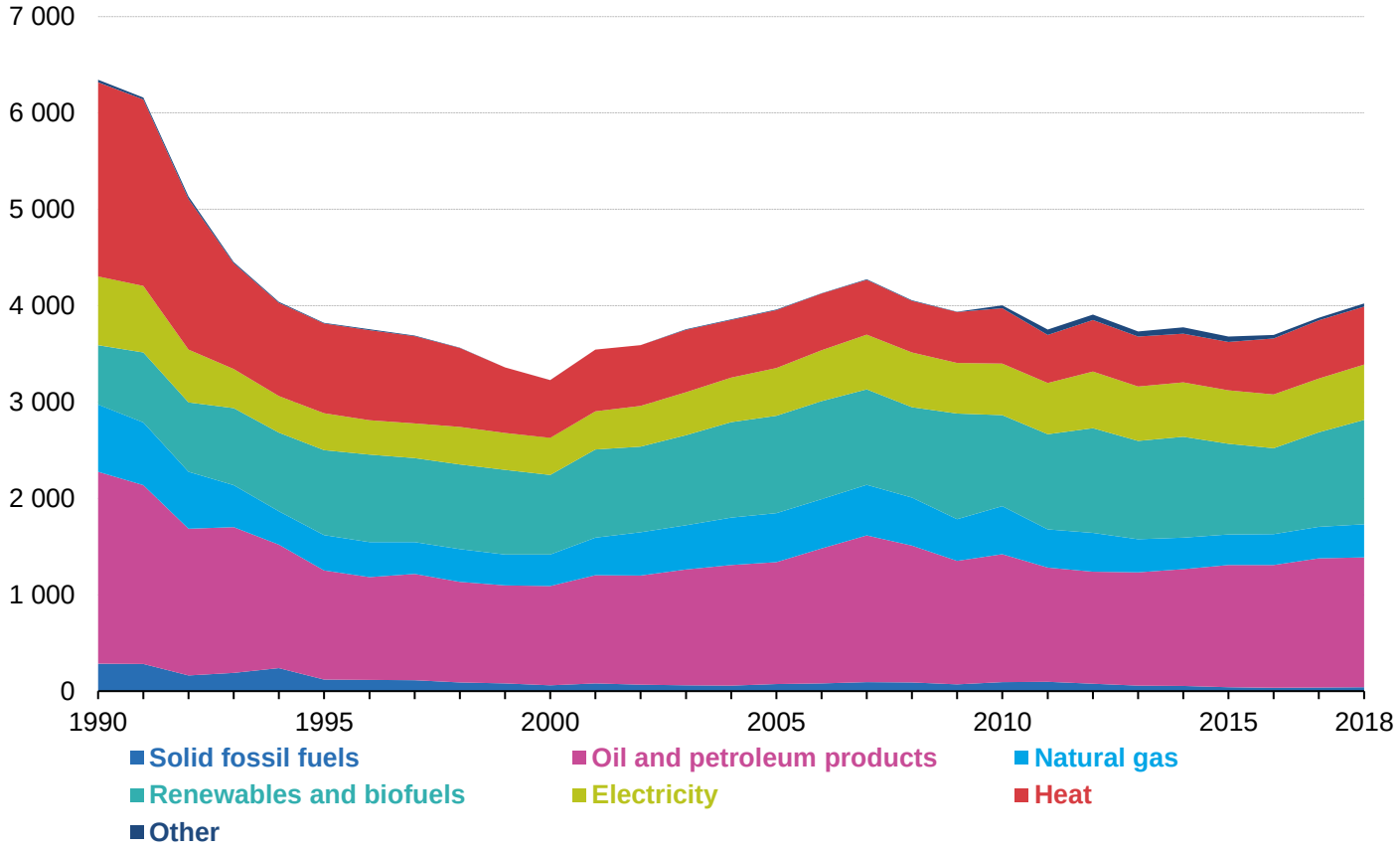


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

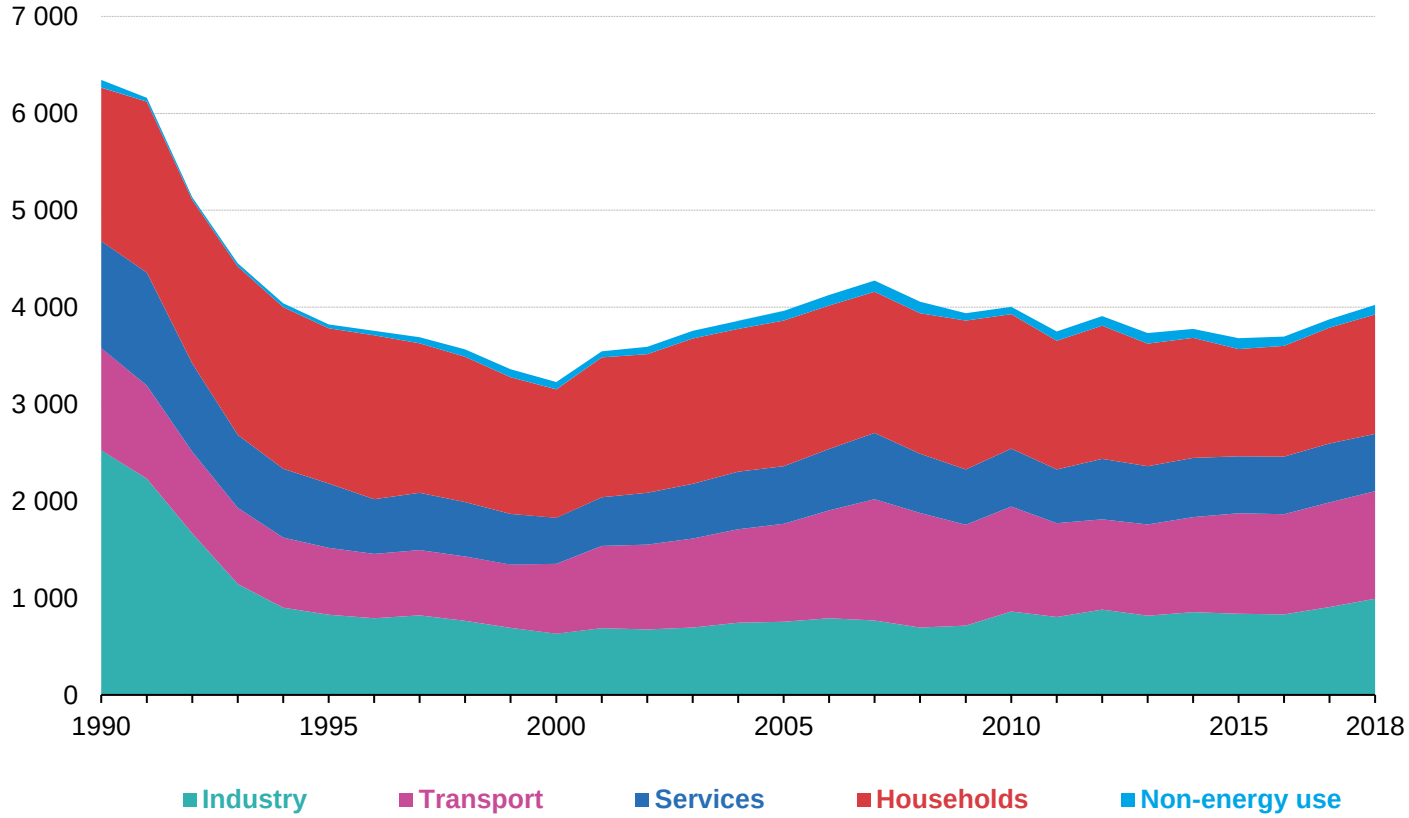
Latvia

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	6 209	5 139	5 534	6 425	7 531	6 725	6 438 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	1	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	2	0	0	0	0	7	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	3	0	0	0	0	7	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	2 670	2 337	2 756	2 944	2 069	3 219	3 246 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	2 670	2 337	2 756	2 944	2 069	3 219	3 246 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	1	0	1	0	0	0	0 P
Fuel oil	1	0	0	0	0	0	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	2	0	1	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	2 912	1 994	1 860	2 530	4 381	2 432	2 108 P
Geothermal	0	0	0	0	0	0	0 P
Wind	120	140	147	128	150	122	154 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	0	0	0	0	1	3 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	215	319	378	427	525	570	575 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	287	350	391	396	405	374	352 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	3 534	2 802	2 777	3 481	5 462	3 499	3 192 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	1	0	0	1	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	120	102	81	70	70	78	67 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	2	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	8	3	1	3	3	12	5 P
Peat products	0	0	0	0	1	1	1 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	56 042	50 318	51 097	51 790	46 192	54 384	51 327 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	3	2	1	1	0	0	0 P
Refinery intake	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	2 297	2 326	2 705	2 739	2 541	2 433	2 285 P
Export	673	816	948	806	750	868	479 P
Total refinery output	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Motor gasoline	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	53 164	56 020	52 696	54 419	59 779	62 567	62 952 P
Charcoal [kt]	3	3	2	2	2	2	3 P
Biogases [TJ]	2 695	3 136	3 674	3 762	3 902	3 643	3 376 P
Pure biogasoline [kt]	10	10	12	13	12	13	11 P
Pure biodiesels [kt]	17	20	19	4	3	33	27 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	845	1 534	1 422 P
Non-renewable municipal waste	1 824	2 370	1 995	1 338	952	1 053	934 P
Industrial waste (non-renewable)	392	364	308	198	140	360	363 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	0	0	0	0	0	0	3 P
Ambinet heat (heat pumps)	0	0	0	0	43	43	0 P

Source: Eurostat (nrg_cb_rw)

Lithuania ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	2 018.7	0.0	Z	7.9	0.0	46.5	0.0	1 620.3	34.9	0.0	309.1	Z
+ Recovered & recycled products	5.0	0.0	Z	0.0	0.0	5.0	Z	0.0	Z	Z	Z	Z
+ Imports	14 307.7	171.2	0.0	23.3	0.0	10 904.6	1 907.0	196.9	0.0	Z	0.0	1 104.7
- Exports	8 370.7	0.0	0.0	1.1	0.0	7 668.8	150.5	273.8	0.0	Z	0.0	276.4
+ Change in stock	35.5	1.7	0.0	6.9	0.0	-0.2	19.2	8.1	-0.2	Z	Z	Z
= Gross available energy	**7 996.3**	**172.9**	**0.0**	**37.0**	**0.0**	**3 287.1**	**1 775.7**	**1 551.5**	**34.7**	**0.0**	**309.1**	**828.2**
- International maritime bunkers	201.2	0.0	0.0	0.0	0.0	201.2	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**7 795.0**	**172.9**	**0.0**	**37.0**	**0.0**	**3 085.9**	**1 775.7**	**1 551.5**	**34.7**	**0.0**	**309.1**	**828.2**
- International aviation	126.0	Z	Z	Z	Z	126.0	Z	0.0	Z	Z	Z	Z
= Total energy supply	**7 669.0**	**172.9**	**0.0**	**37.0**	**0.0**	**2 959.9**	**1 775.7**	**1 551.5**	**34.7**	**0.0**	**309.1**	**828.2**
Transformation input	**12 432.2**	**1.7**	**0.0**	**10.1**	**0.0**	**10 712.4**	**302.4**	**938.8**	**34.5**	**0.0**	**369.5**	**62.7**
+ Electricity & heat generation	1 654.3	1.7	0.0	8.7	0.0	30.7	302.4	844.0	34.5	0.0	369.5	62.7
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	10 681.7	Z	Z	Z	Z	10 681.7	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	1.4	0.0	0.0	1.4	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	94.1	Z	Z	Z	Z	Z	Z	94.1	Z	Z	Z	Z
+ Charcoal production plants	0.6	Z	Z	Z	Z	Z	Z	0.6	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**12 116.7**	**0.0**	**0.0**	**1.2**	**Z**	**10 622.7**	**0.0**	**94.5**	**Z**	**Z**	**1 096.4**	**301.9**
+ Electricity & heat generation	1 398.3	Z	Z	Z	Z	Z	Z	Z	Z	Z	1 096.4	301.9
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	10 622.7	Z	Z	Z	Z	10 622.7	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	1.2	0.0	Z	1.2	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	94.1	Z	Z	Z	Z	Z	Z	94.1	Z	Z	Z	Z
+ Charcoal production plants	0.4	Z	Z	Z	Z	Z	Z	0.4	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**598.2**	**0.0**	**0.0**	**0.0**	**0.0**	**476.5**	**18.6**	**0.0**	**0.0**	**Z**	**10.1**	**93.0**
+ Own use in electricity & heat genera	27.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	Z	10.0	16.9
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	1.5	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	1.5
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.8	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.1	0.7
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	527.2	0.0	0.0	0.0	0.0	472.0	1.1	0.0	0.0	Z	0.0	54.1
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	17.0	Z	Z	Z	Z	Z	17.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	24.5	0.0	0.0	0.0	0.0	4.2	0.5	0.0	0.0	Z	0.0	19.8
Distribution losses	**197.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.7**	**0.0**	**0.2**	**0.2**	**Z**	**115.8**	**80.4**
Available for final consumption	**6 558.1**	**171.2**	**0.0**	**28.1**	**0.0**	**2 393.0**	**1 454.6**	**707.0**	**0.0**	**0.0**	**910.0**	**894.1**
Final non-energy consumption	**1 129.5**	**0.0**	**0.0**	**0.0**	**0.0**	**271.8**	**857.7**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**5 446.2**	**171.2**	**0.0**	**28.1**	**0.0**	**2 121.2**	**596.9**	**724.6**	**0.0**	**Z**	**910.0**	**894.1**
+ Industry	1 105.5	94.6	0.0	1.6	0.0	38.1	311.2	111.0	0.0	Z	232.1	316.9
+ Iron & steel	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	1.4
+ Chemical & petrochemical	411.5	0.0	0.0	0.0	0.0	1.1	122.7	13.3	0.0	Z	205.2	69.2
+ Non-ferrous metals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Non-metallic minerals	155.4	91.4	0.0	0.9	0.0	3.4	23.9	11.3	0.0	Z	0.2	24.4
+ Transport equipment	5.1	0.0	0.0	0.0	0.0	0.2	1.8	0.1	0.0	Z	0.3	2.8
+ Machinery	32.4	0.1	0.0	0.1	0.0	0.4	10.0	0.8	0.0	Z	2.2	18.8
+ Mining & quarrying	5.7	0.0	0.0	0.0	0.0	2.5	0.3	0.3	0.0	Z	0.0	2.6
+ Food, beverages & tobacco	192.9	2.0	0.0	0.2	0.0	11.0	91.1	13.1	0.0	Z	9.8	65.7
+ Paper, pulp & printing	52.4	0.0	0.0	0.1	0.0	1.2	16.9	18.6	0.0	Z	0.4	15.2
+ Wood & wood products	89.9	0.0	0.0	0.1	0.0	2.5	9.4	40.0	0.0	Z	7.4	30.6
+ Construction	43.8	0.3	0.0	0.0	0.0	11.6	14.7	1.8	0.0	Z	1.8	13.5
+ Textile & leather	34.2	0.2	0.0	0.0	0.0	1.5	15.2	0.7	0.0	Z	2.7	13.7
+ Not elsewhere specified (industry)	79.5	0.1	0.0	0.3	0.0	2.8	5.1	10.2	0.0	Z	2.0	59.1
+ Transport	2 081.5	0.0	0.0	0.0	0.0	1 969.8	27.0	77.8	0.0	Z	Z	6.9
+ Rail	64.4	0.0	0.0	0.0	0.0	61.1	Z	1.9	0.0	Z	Z	1.4
+ Road	1 982.9	Z	Z	Z	Z	1 896.1	7.7	76.0	0.0	Z	Z	3.2
+ Domestic aviation	0.6	Z	Z	Z	Z	0.6	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	4.8	0.0	0.0	0.0	0.0	4.8	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	21.6	Z	Z	Z	Z	0.0	19.3	0.0	Z	Z	Z	2.3
+ Not elsewhere specified (transport	7.2	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	Z	Z	0.0
+ Other	2 259.2	76.7	0.0	26.4	0.0	113.3	258.7	535.7	0.0	Z	677.9	570.3
+ Commercial & public services	651.2	33.1	0.0	8.1	0.0	1.8	73.1	38.0	0.0	Z	201.6	295.5
+ Households	1 492.3	41.4	0.0	17.7	0.0	57.2	164.7	482.6	0.0	Z	472.0	256.6
+ Agriculture & forestry	107.7	2.2	0.0	0.6	0.0	46.5	20.9	15.1	0.0	Z	4.3	18.0
+ Fishing	1.2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	Z	0.0	0.2
+ Not elsewhere specified (other)	6.8	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**-17.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**-0.0**	**-17.6**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	282.0	0.0	0.0	0.0	0.0	11.3	28.4	235.0	7.3	0.0	Z	Z
Gross heat production	827.2	1.2	0.0	6.5	0.0	9.6	248.2	544.6	16.8	0.0	Z	0.2

Source: Eurostat (nrg_bal_c)

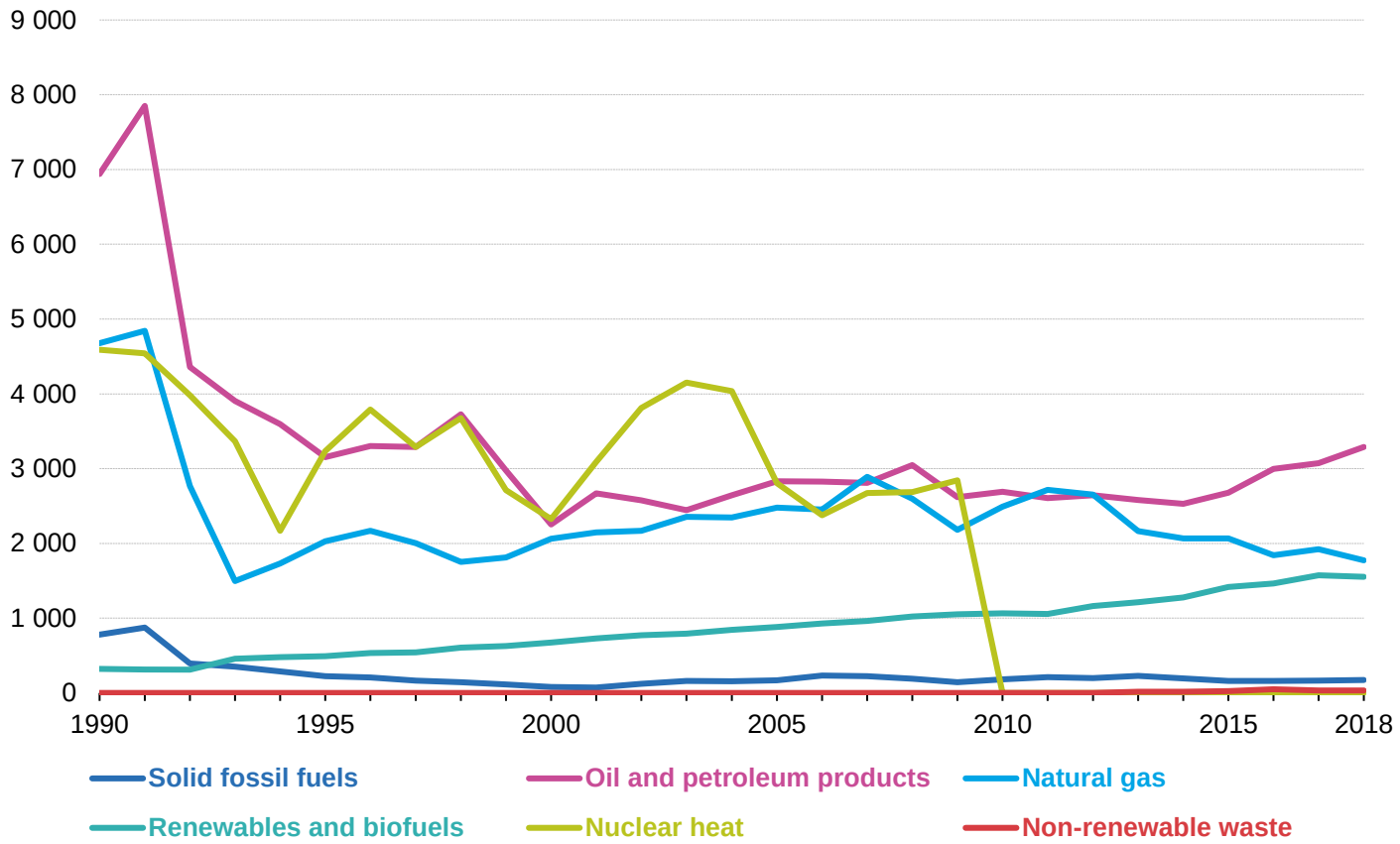
Lithuania	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	7 221	7 486	7 539	7 103	7 071	7 260	7 518	7 869	7 996
Solid fossil fuels	182	210	200	227	196	160	159	163	173
Peat & peat products	24	29	33	41	31	20	25	34	37
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	9 486	9 672	9 261	9 799	8 203	9 060	10 009	10 233	9 997
Petroleum products	2 691	2 605	2 646	2 582	2 529	2 676	2 995	3 073	3 287
Natural gas	2 492	2 718	2 654	2 165	2 065	2 067	1 842	1 921	1 776
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	1 065	1 057	1 161	1 212	1 277	1 419	1 464	1 573	1 551
Non-renewable wastes	0	0	0	15	18	23	49	34	35
Primary production	1 563	1 579	1 594	1 679	1 788	1 860	1 893	2 078	2 019
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	9	12	17	24	28	21	5	7	8
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	118	116	104	88	84	75	65	57	46
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	1 185	1 162	1 198	1 288	1 358	1 466	1 502	1 656	1 620
Non-renewable wastes	0	0	0	15	18	23	49	34	35
Net imports	5 708	5 885	5 845	5 367	5 299	5 478	5 622	5 663	5 937
Solid fossil fuels	174	233	192	244	192	145	146	176	171
Crude oil	9 089	9 043	8 617	9 089	7 565	8 456	9 369	9 880	9 712
Gas/Diesel Oil (w/o bio)	-2 567	-2 675	-2 597	-2 733	-2 044	-2 390	-2 476	-2 578	-2 244
Motor Gasoline (w/o bio)	-2 665	-2 706	-2 494	-2 622	-2 114	-2 340	-2 591	-2 737	-2 504
Naphtha	0	0	0	0	0	0	0	0	0
LPG	-74	-55	-34	-81	-49	-114	-146	-175	-169
All other oil & petroleum products	2 655	2 385	2 464	2 411	2 356	2 695	2 933	2 919	3 236
Natural gas	2 485	2 725	2 656	2 165	2 150	2 061	1 853	1 908	1 757
Transformation input	12 533	12 348	12 002	12 527	10 844	11 864	12 708	12 916	12 432
Electricity & heat generation	2 276	1 966	2 005	1 821	1 751	1 804	1 706	1 762	1 654
Refinery intake	9 486	9 672	9 261	9 796	8 203	9 059	10 009	10 232	9 997
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	11 859	11 827	11 473	12 073	10 423	11 458	12 327	12 585	12 117
Electricity & heat generation	1 660	1 511	1 543	1 451	1 412	1 415	1 397	1 477	1 398
Refinery output	9 434	9 611	9 199	9 718	8 126	9 052	9 946	10 197	9 946
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	702	673	613	627	559	614	633	623	598
Distribution losses	237	216	215	204	196	188	198	200	197
Available for final consumption	5 420	5 880	5 998	5 661	5 808	5 896	6 048	6 434	6 558
Solid fossil fuels	178	207	197	225	194	158	158	162	171
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	21	25	30	30	26	19	22	24	28
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	1 023	1 067	1 110	1 132	1 302	1 388	1 507	1 604	1 718
Motor Gasoline (w/o bio)	298	260	233	212	206	201	217	213	234
Naphtha	0	0	0	0	0	0	0	0	0
LPG	224	216	210	196	188	175	172	167	157
All other oil & petroleum products	1 745	1 747	1 727	1 741	1 853	1 960	2 116	2 218	2 393
Natural gas	1 100	1 567	1 617	1 315	1 396	1 461	1 392	1 565	1 455
Primary solid biofuels & charcoal	687	678	690	670	635	620	621	598	595
Liquid biofuels	45	45	61	58	63	68	57	72	78
All other renewable energies	737	727	755	733	705	697	688	679	707
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	716	738	767	770	794	803	838	865	894
Heat	922	869	905	848	839	798	834	921	910
Statistical difference	0	0	0	0	0	0	0	-14	-18
Final non-energy consumption	662	1 152	1 159	949	1 007	1 116	1 045	1 209	1 130
Final energy consumption	4 757	4 728	4 839	4 712	4 801	4 780	5 003	5 239	5 446
Industry	950	1 013	1 072	1 037	1 034	983	989	1 071	1 106
Transport	1 497	1 484	1 508	1 502	1 663	1 750	1 865	1 960	2 081
Other sectors	2 311	2 231	2 259	2 173	2 104	2 047	2 150	2 208	2 259
Services	601	584	610	593	586	575	603	634	651
Households	1 593	1 532	1 535	1 467	1 401	1 359	1 433	1 455	1 492

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	6 829	7 058	7 144	6 752	6 760	6 910	7 084	7 370	7 462
Primary energy consumption	6 167	5 906	5 985	5 803	5 752	5 794	6 040	6 161	6 332
Final energy consumption	4 806	4 784	4 902	4 782	4 878	4 861	5 099	5 345	5 548

Source: Eurostat (nrg_bal_c)

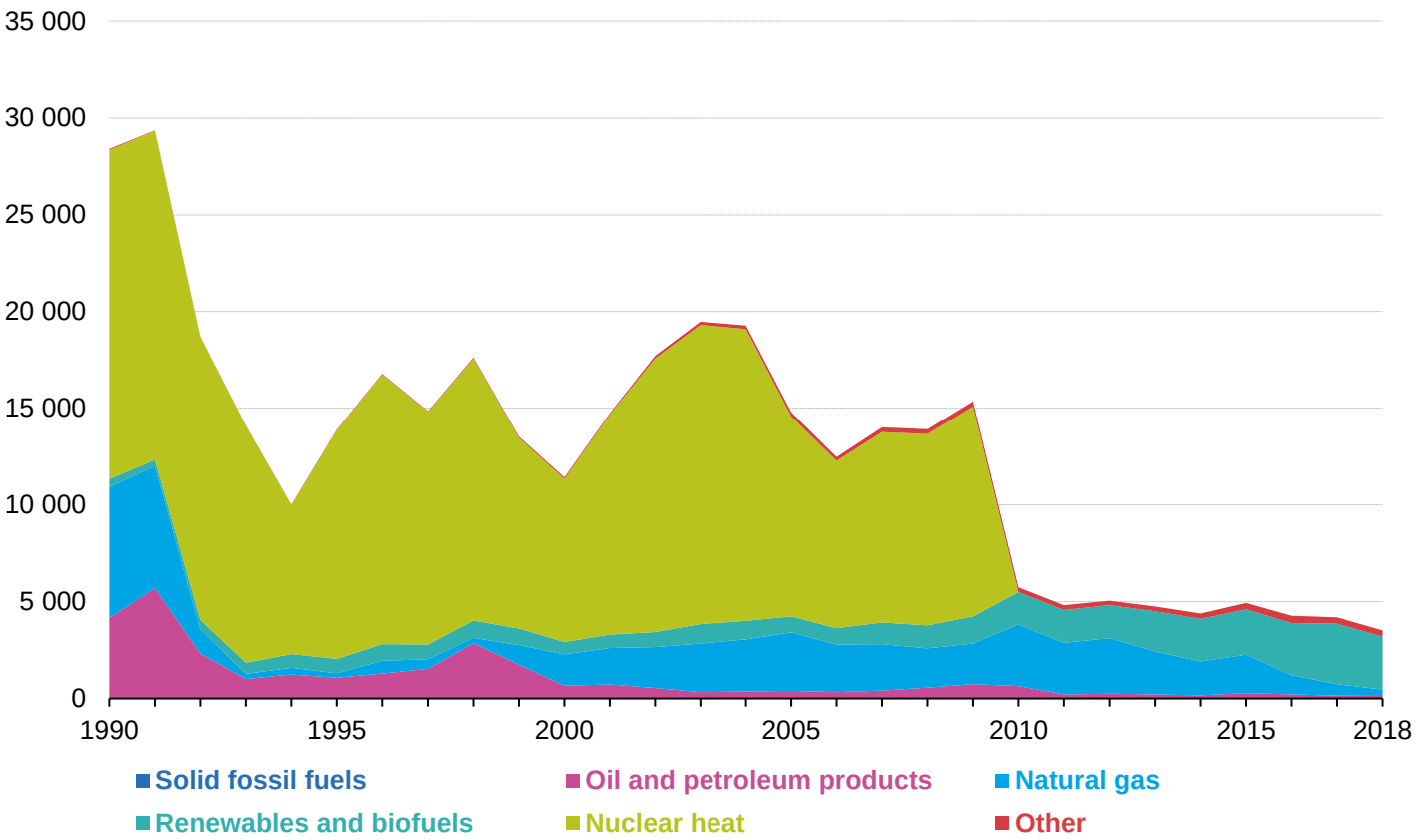
Lithuania

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

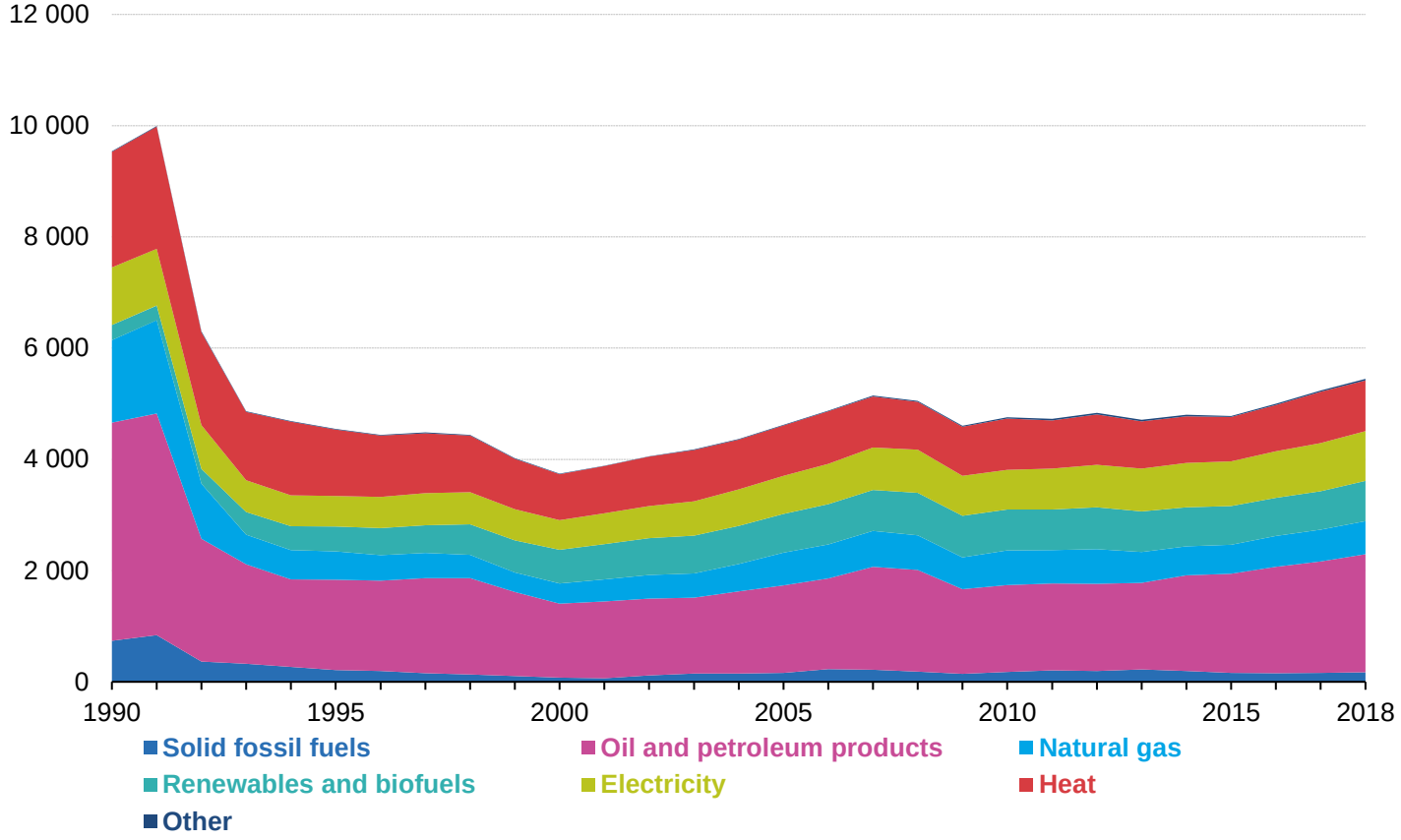


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

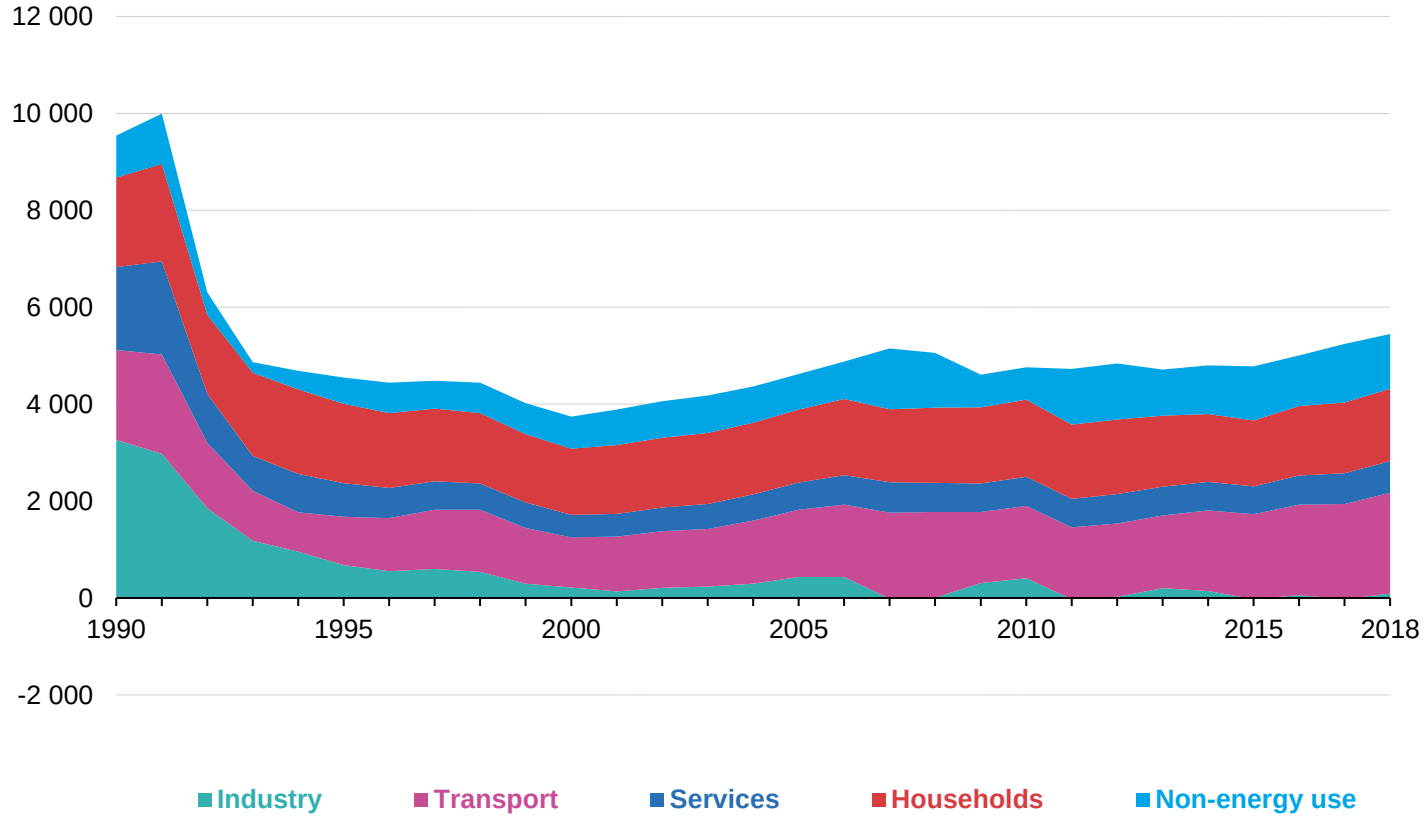
Lithuania

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	4 761	4 397	4 935	4 267	4 187	3 511	3 972 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	2	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	0	2	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	2 219	1 749	1 979	986	598	330	524 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	2 219	1 749	1 979	986	598	330	524 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	27	22	32	57	41	57	31 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Fuel oil	179	138	243	164	98	75	37 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	206	160	275	221	139	131	68 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	1 069	1 088	1 024	1 044	1 181	960	948 P
Geothermal	0	0	0	0	0	0	0 P
Wind	603	639	810	1 136	1 364	1 144	1 499 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	45	73	73	66	68	87	91 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	279	293	318	269	303	355	331 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	59	78	86	123	127	140	154 P
Renewable municipal waste	19	29	42	47	73	48	48 P
Sub-total	2 073	2 200	2 354	2 685	3 117	2 733	3 071 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	7	15	18	24	11	34	39 P
Non-renewable municipal waste	19	28	43	80	73	51	47 P
Sub-total	26	44	61	105	83	85	86 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	237	243	265	270	250	232	223 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	237	243	265	270	250	232	223 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	2	1	0	1	0	0	0 P
Coking coal	0	2	0	0	0	0	0 P
Other bituminous coal	351	304	252	245	249	265	261 P
Sub-bituminous coal	3	1	0	1	3	1	1 P
Lignite	1	0	0	0	0	0	0 P
Coke oven coke	19	16	13	16	17	19	17 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	68	43	23	29	52	51	31 P
Peat products	76	65	49	59	65	75	61 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	100 693	96 041	96 179	85 671	89 385	82 606	86 732 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	9 546	7 989	9 055	9 904	10 121	9 867	9 836 P
Refinery intake	9 584	8 036	9 018	9 914	10 128	9 891	9 719 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1 128	1 288	2 025	1 580	1 089	933	940 P
Export	8 238	6 907	8 289	8 483	8 215	7 532	7 462 P
Total refinery output	9 486	7 943	8 920	9 790	10 021	9 782	9 605 P
Gas oil and diesel oil	3 086	2 531	2 908	3 118	3 332	3 389	3 240 P
Motor gasoline	2 535	2 103	2 403	2 615	2 738	2 555	2 465 P
Fuel oil	1 833	1 475	1 561	1 840	1 688	1 681	1 539 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	1 019	948	1 029	1 082	1 059	955	996 P
All other oil products	1 013	886	1 019	1 135	1 203	1 203	1 365 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	42 951	45 388	50 390	50 612	52 879	52 253	52 758 P
Charcoal [kt]	1	1	2	2	2	3	3 P
Biogases [TJ]	649	876	981	1 341	1 350	1 554	1 631 P
Pure biogasoline [kt]	16	11	22	12	14	21	24 P
Pure biodiesels [kt]	61	67	67	54	60	92	89 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	461	477	659	903	1 228	822	755 P
Non-renewable municipal waste	468	498	653	1 577	1 227	866	756 P
Industrial waste (non-renewable)	155	258	290	486	182	587	716 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	70	78	65	82	31	0	0 P
Solar thermal	0	0	0	0	0	0	0 P
Ambinet heat (heat pumps)	0	0	0	0	0	1 024	1 076 P

Source: Eurostat (nrg_cb_rw)

Luxembourg ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	213.5	0.0	Z	0.0	0.0	0.0	0.0	175.6	38.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	4 430.7	42.1	0.0	0.0	0.0	2 912.0	683.6	143.5	0.0	Z	0.0	649.4
- Exports	143.6	0.0	0.0	0.0	0.0	3.2	0.0	20.7	0.0	Z	0.0	119.7
+ Change in stock	8.1	0.0	0.0	0.0	0.0	7.8	0.0	0.4	0.0	Z	Z	Z
= Gross available energy	**4 508.7**	**42.1**	**0.0**	**0.0**	**0.0**	**2 916.5**	**683.6**	**298.7**	**38.0**	**0.0**	**0.0**	**529.8**
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**4 508.7**	**42.1**	**0.0**	**0.0**	**0.0**	**2 916.5**	**683.6**	**298.7**	**38.0**	**0.0**	**0.0**	**529.8**
- International aviation	614.5	Z	Z	Z	Z	614.5	Z	0.0	Z	Z	Z	Z
= Total energy supply	**3 894.2**	**42.1**	**0.0**	**0.0**	**0.0**	**2 302.0**	**683.6**	**298.7**	**38.0**	**0.0**	**0.0**	**529.8**
Transformation input	**359.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.4**	**65.4**	**122.9**	**23.1**	**0.0**	**0.0**	**147.7**
+ Electricity & heat generation	354.4	0.0	0.0	0.0	0.0	0.4	65.4	117.9	23.1	0.0	0.0	147.7
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	5.0	Z	0.0	Z	Z	0.0	Z	5.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**268.9**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**5.0**	**0.0**	**Z**	**Z**	**74.6**	**189.2**
+ Electricity & heat generation	263.9	Z	Z	Z	Z	Z	Z	Z	Z	Z	74.6	189.2
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	5.0	Z	Z	Z	Z	Z	5.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**2.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**2.5**
+ Own use in electricity & heat genera	2.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	Z	0.0	2.5
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Distribution losses	**21.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**7.6**	**13.4**
Available for final consumption	**3 780.0**	**42.1**	**0.0**	**0.0**	**0.0**	**2 301.5**	**623.2**	**175.8**	**14.9**	**0.0**	**67.0**	**555.5**
Final non-energy consumption	**39.8**	**0.0**	**0.0**	**0.0**	**0.0**	**39.8**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**3 737.2**	**42.1**	**0.0**	**0.0**	**0.0**	**2 261.6**	**623.3**	**175.9**	**14.9**	**Z**	**67.0**	**552.4**
+ Industry	630.6	41.9	0.0	0.0	0.0	17.7	276.8	15.5	14.9	Z	0.5	263.3
+ Iron & steel	284.0	3.3	0.0	0.0	0.0	1.0	140.7	0.0	0.0	Z	0.1	138.8
+ Chemical & petrochemical	45.7	0.0	0.0	0.0	0.0	0.9	14.1	0.0	0.0	Z	0.0	30.7
+ Non-ferrous metals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Non-metallic minerals	143.9	34.2	0.0	0.0	0.0	3.0	67.6	5.0	14.9	Z	0.0	19.3
+ Transport equipment	1.6	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	Z	0.0	1.1
+ Machinery	11.1	0.0	0.0	0.0	0.0	1.6	2.7	0.0	0.0	Z	0.0	6.8
+ Mining & quarrying	1.3	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	Z	0.0	0.8
+ Food, beverages & tobacco	21.9	0.0	0.0	0.0	0.0	3.0	6.2	0.0	0.0	Z	0.0	12.7
+ Paper, pulp & printing	5.5	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	Z	0.0	3.2
+ Wood & wood products	13.2	0.0	0.0	0.0	0.0	0.0	1.3	10.6	0.0	Z	0.0	1.4
+ Construction	30.1	4.4	0.0	0.0	0.0	3.6	5.6	0.0	0.0	Z	0.0	16.5
+ Textile & leather	35.5	0.0	0.0	0.0	0.0	0.2	26.9	0.0	0.0	Z	0.3	8.1
+ Not elsewhere specified (industry)	36.7	0.0	0.0	0.0	0.0	3.5	9.2	0.0	0.0	Z	0.1	23.9
+ Transport	2 101.5	0.0	0.0	0.0	0.0	1 966.9	0.0	122.8	0.0	Z	Z	11.8
+ Rail	27.7	0.0	0.0	0.0	0.0	16.0	Z	0.0	0.0	Z	Z	11.7
+ Road	2 073.6	Z	Z	Z	Z	1 950.6	0.0	122.8	0.0	Z	Z	0.1
+ Domestic aviation	0.2	Z	Z	Z	Z	0.2	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	1 005.0	0.2	0.0	0.0	0.0	277.0	346.5	37.5	0.0	Z	66.5	277.3
+ Commercial & public services	478.0	0.0	0.0	0.0	0.0	114.2	101.8	0.9	0.0	Z	66.5	194.5
+ Households	503.4	0.2	0.0	0.0	0.0	146.5	244.5	32.2	0.0	Z	0.0	80.0
+ Agriculture & forestry	23.6	0.0	0.0	0.0	0.0	16.3	0.2	4.4	0.0	Z	0.0	2.8
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**3.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**-0.1**	**-0.1**	**0.0**	**0.0**	**0.0**	**3.1**
Gross electricity production	189.2	0.0	0.0	0.0	0.0	0.0	16.8	165.8	6.6	0.0	Z	Z
Gross heat production	74.6	0.0	0.0	0.0	0.0	0.2	35.8	38.6	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

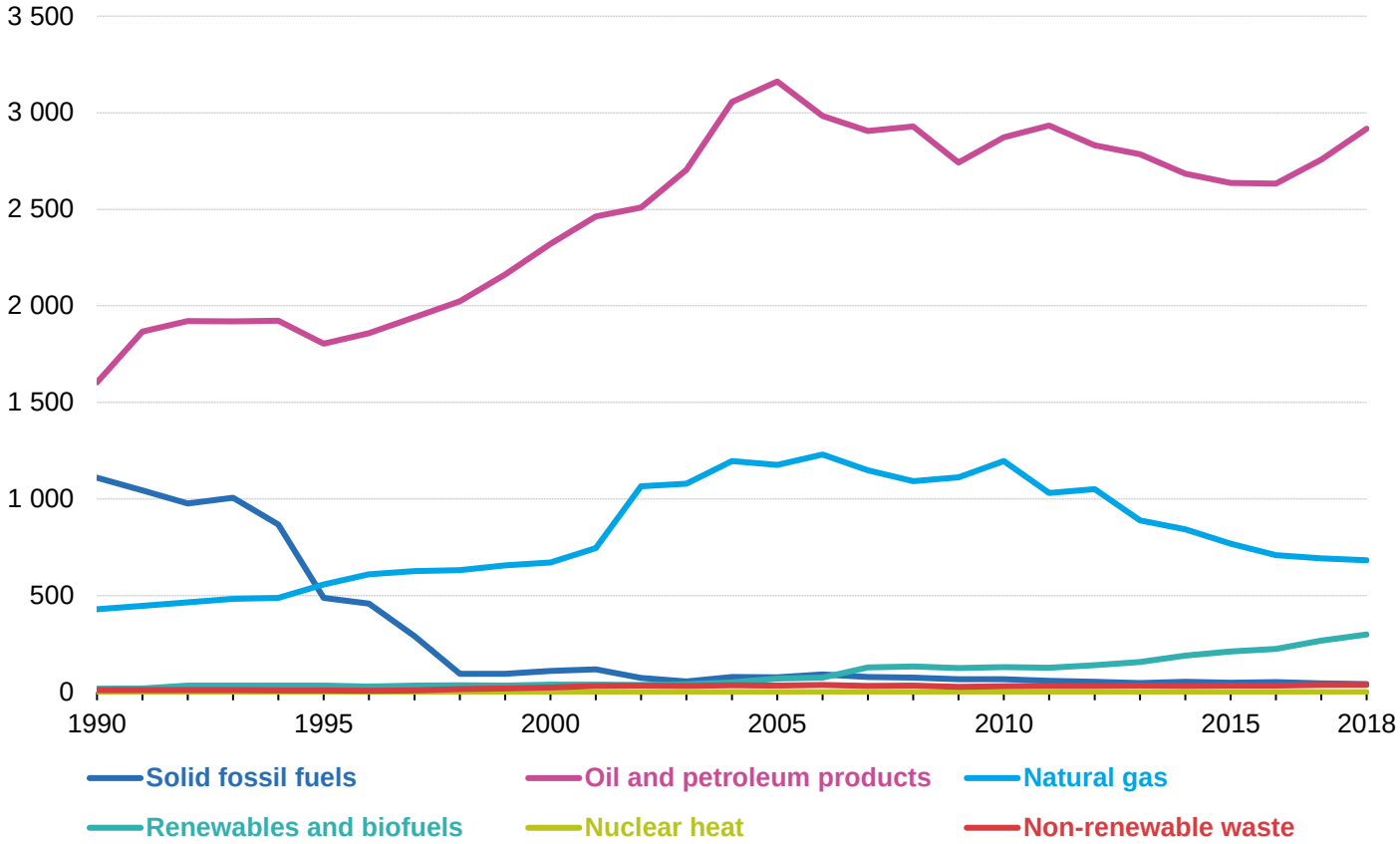
Luxembourg	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	4 646	4 570	4 461	4 337	4 224	4 180	4 194	4 331	4 509
Solid fossil fuels	67	58	54	48	53	49	52	45	42
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Petroleum products	2 872	2 934	2 831	2 784	2 684	2 637	2 633	2 756	2 917
Natural gas	1 197	1 032	1 051	890	843	769	709	693	684
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	130	127	139	156	190	210	224	268	299
Non-renewable wastes	31	32	32	34	33	34	34	37	38
Primary production	119	114	124	134	154	153	163	185	214
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	88	82	92	100	122	119	129	148	176
Non-renewable wastes	31	32	32	34	33	34	34	37	38
Net imports	4 508	4 446	4 350	4 213	4 077	4 009	4 033	4 138	4 287
Solid fossil fuels	67	58	54	48	53	49	52	45	42
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	2 014	2 106	2 059	2 043	1 923	1 833	1 788	1 826	1 916
Motor Gasoline (w/o bio)	357	368	358	325	314	283	289	301	325
Naphtha	0	0	0	0	0	0	0	0	0
LPG	13	11	11	11	11	11	11	10	9
All other oil & petroleum products	2 854	2 925	2 844	2 793	2 690	2 618	2 634	2 748	2 909
Natural gas	1 197	1 032	1 051	890	843	769	709	693	684
Transformation input	736	616	636	487	483	432	344	355	359
Electricity & heat generation	736	615	632	484	479	427	340	350	354
Refinery intake	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	469	396	406	330	319	299	252	263	269
Electricity & heat generation	469	395	402	326	315	294	247	258	264
Refinery output	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	3	2	3	3	2	3	3	3	3
Distribution losses	15	18	18	18	18	19	19	20	21
Available for final consumption	3 930	3 926	3 838	3 785	3 634	3 569	3 572	3 642	3 780
Solid fossil fuels	67	58	54	48	53	49	52	45	42
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	2 031	2 111	2 044	2 032	1 916	1 840	1 791	1 834	1 921
Motor Gasoline (w/o bio)	362	369	359	327	315	293	285	301	328
Naphtha	0	0	0	0	0	0	0	0	0
LPG	13	10	11	12	11	11	11	10	9
All other oil & petroleum products	2 441	2 530	2 458	2 410	2 278	2 178	2 124	2 181	2 302
Natural gas	675	601	611	601	575	602	633	624	623
Primary solid biofuels & charcoal	46	39	40	43	48	47	50	45	40
Liquid biofuels	42	47	48	55	70	83	89	113	123
All other renewable energies	95	93	96	106	126	139	149	169	176
Non-renewable wastes	14	14	14	15	15	14	13	14	15
Electricity	567	558	535	532	532	536	547	550	555
Heat	71	72	70	73	56	51	53	59	67
Statistical difference	0	1	-1	-1	0	-1	-2	0	3
Final non-energy consumption	32	36	41	37	35	33	36	34	40
Final energy consumption	3 897	3 889	3 799	3 749	3 599	3 537	3 538	3 608	3 737
Industry	755	725	679	647	657	646	674	623	631
Transport	2 176	2 308	2 207	2 166	2 086	1 958	1 907	1 967	2 102
Other sectors	966	856	913	937	856	933	957	1 019	1 005
Services	424	353	397	411	361	397	401	456	478
Households	513	478	491	499	469	511	527	537	503

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	4 645	4 568	4 459	4 335	4 222	4 177	4 190	4 326	4 503
Primary energy consumption	4 613	4 532	4 418	4 298	4 187	4 144	4 154	4 292	4 463
Final energy consumption	4 327	4 291	4 169	4 121	4 003	3 991	4 042	4 178	4 346

Source: Eurostat (nrg_bal_c)

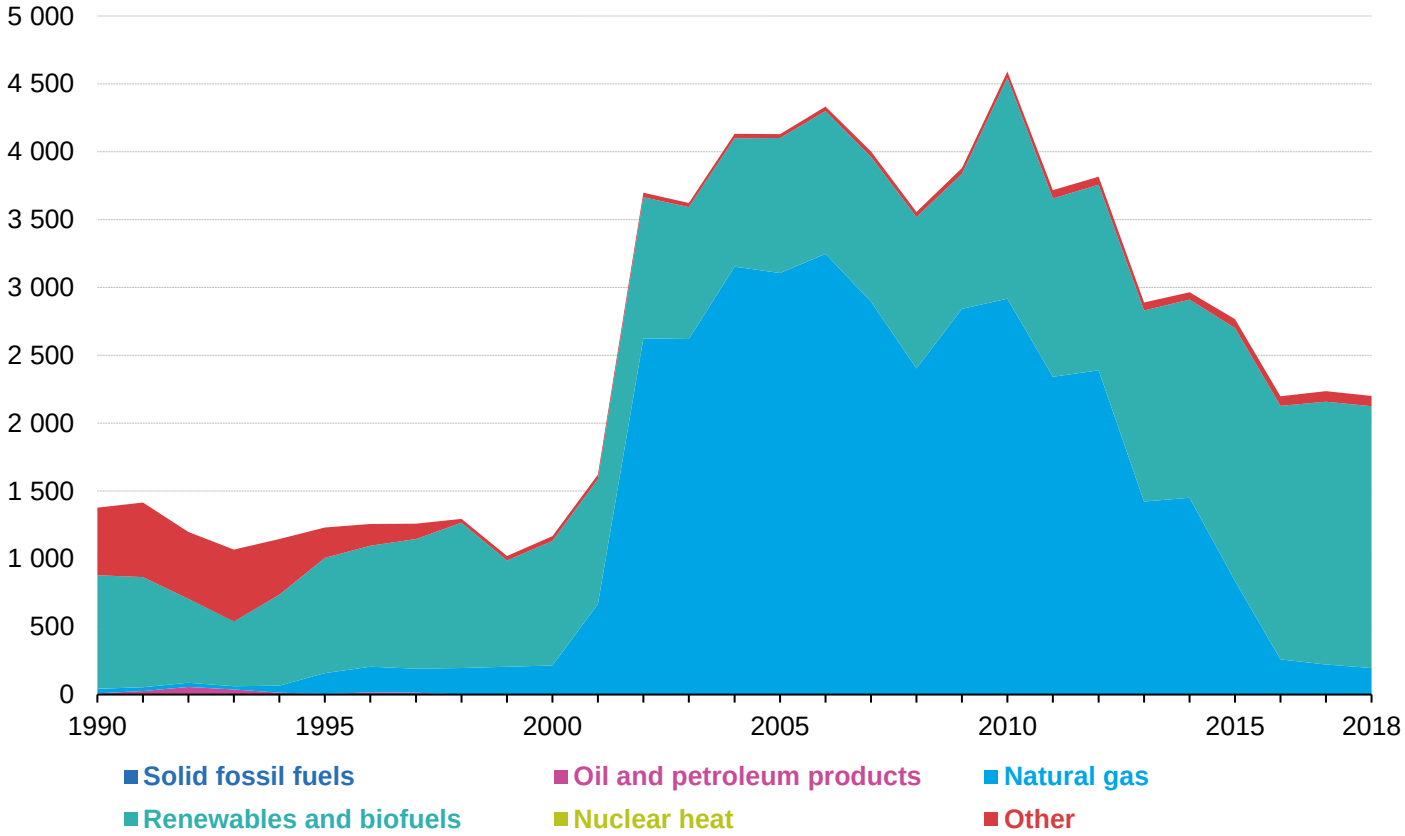
Luxembourg

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

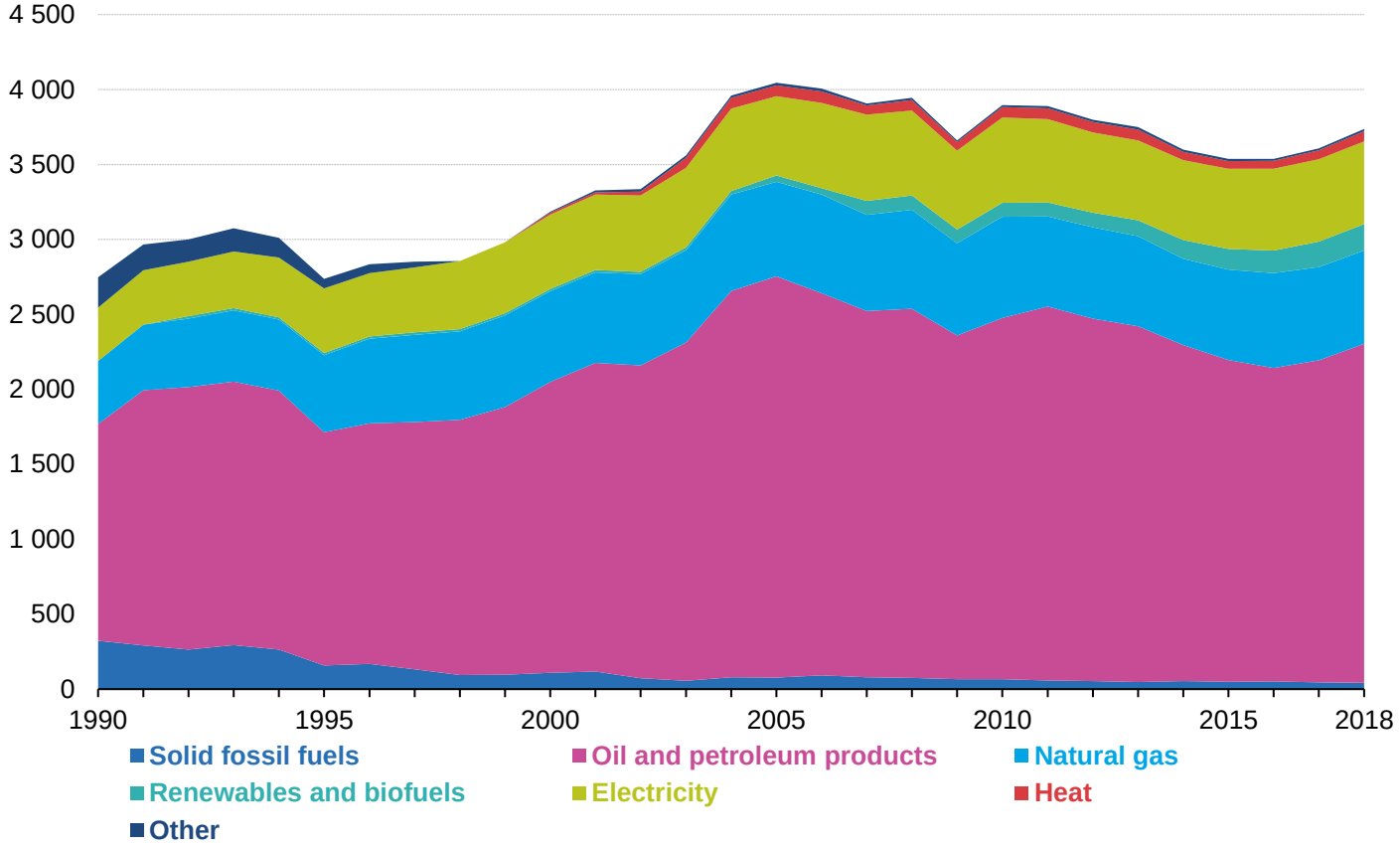


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

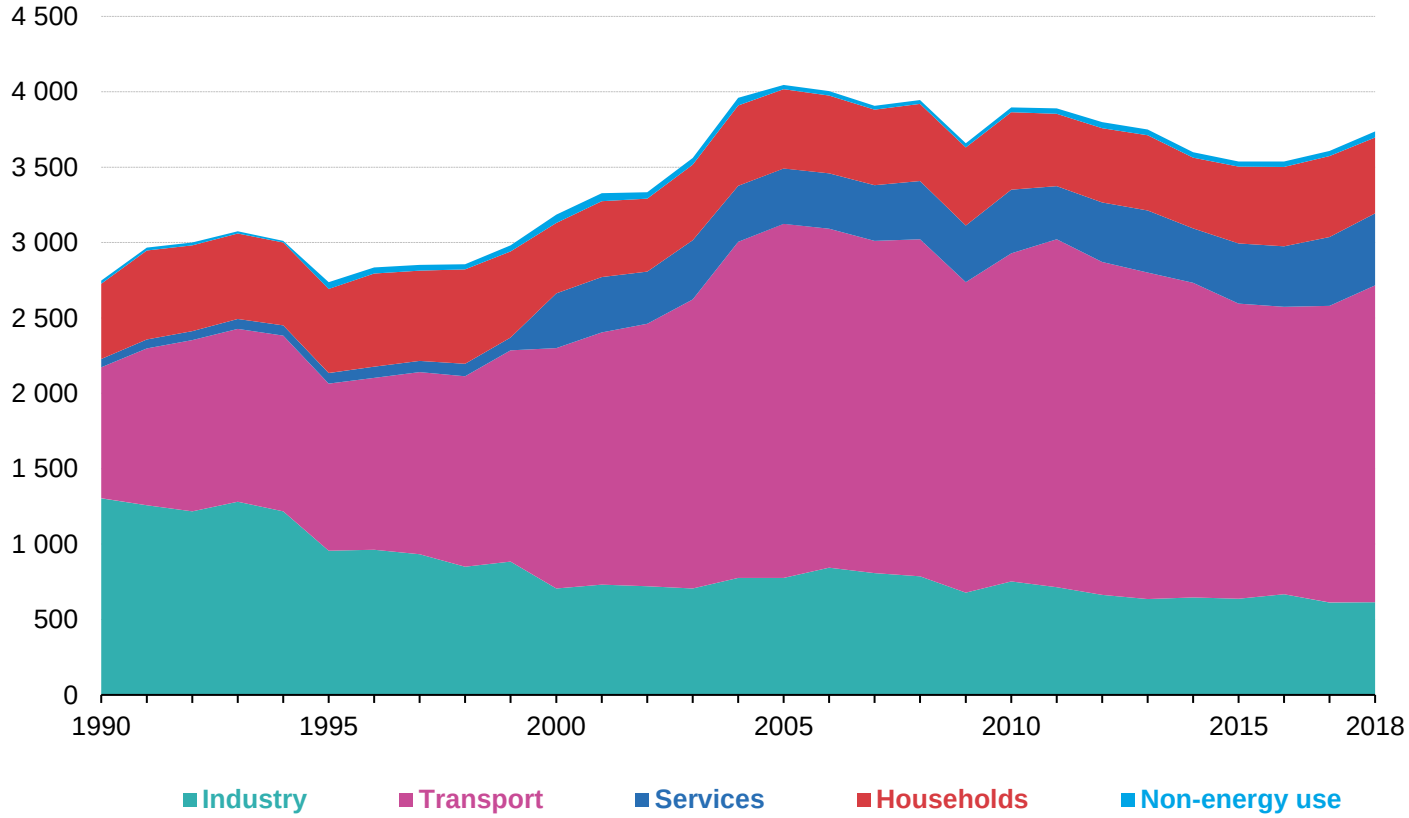
Luxembourg

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	2 889	2 965	2 766	2 198	2 235	2 201	1 870 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	1 421	1 451	838	258	221	195	177 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	1 421	1 451	838	258	221	195	177 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	1 158	1 168	1 531	1 528	1 422	1 337	949 P
Geothermal	0	0	0	0	0	0	0 P
Wind	83	80	102	101	235	255	276 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	74	95	104	100	108	120	112 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	2	21	24	25	52	95	159 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	56	61	62	73	73	75	71 P
Renewable municipal waste	36	34	40	42	47	47	47 P
Sub-total	1 409	1 458	1 862	1 870	1 937	1 928	1 615 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	59	55	66	69	77	77	78 P
Sub-total	59	55	66	69	77	77	78 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	12	11	11	11	5	5	5 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	63	74	62	70	63	59	59 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	1	1	1	1	1	0	1 P
Patent fuel	0	0	1	0	0	0	0 P
Brown coal briquettes	4	4	9	8	9	9	9 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	41 575	39 414	35 993	33 206	32 492	32 034	31 966 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	0	0	0	0	0	0 P
Refinery intake	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	2 815	2 729	2 673	2 701	2 852	3 001	3 049 P
Export	8	6	7	11	25	3	5 P
Total refinery output	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Motor gasoline	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	1 972	2 696	2 765	2 892	3 207	3 854	5 211 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	653	701	739	833	867	915	621 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	0	0	0	0	0	0	0 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	463	443	516	529	589	587	592 P
Non-renewable municipal waste	762	728	849	871	968	965	975 P
Industrial waste (non-renewable)	641	640	569	546	578	624	624 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	68	74	80	86	91	100	100 P
Ambinet heat (heat pumps)	79	100	145	172	198	230	230 P

Source: Eurostat (nrg_cb_rw)

Hungary ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	10 865.3	1 141.1	Z	0.0	0.0	1 108.1	1 467.2	2 997.0	146.0	4 006.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	24 558.2	1 243.1	0.0	0.0	0.0	10 795.2	10 621.8	249.4	48.3	Z	0.0	1 600.4
- Exports	9 048.6	223.4	0.0	0.0	0.0	3 842.8	4 172.9	442.8	0.0	Z	0.0	366.7
+ Change in stock	337.4	-40.4	0.0	0.0	0.0	29.1	357.8	-9.0	0.0	Z	Z	Z
= Gross available energy	**26 712.3**	**2 120.3**	**0.0**	**0.0**	**0.0**	**8 089.6**	**8 273.8**	**2 794.5**	**194.3**	**4 006.0**	**0.0**	**1 233.7**
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**26 712.3**	**2 120.3**	**0.0**	**0.0**	**0.0**	**8 089.6**	**8 273.8**	**2 794.5**	**194.3**	**4 006.0**	**0.0**	**1 233.7**
- International aviation	276.3	Z	Z	Z	Z	276.3	Z	0.0	Z	Z	Z	Z
= Total energy supply	**26 436.0**	**2 120.3**	**0.0**	**0.0**	**0.0**	**7 813.4**	**8 273.8**	**2 794.5**	**194.3**	**4 006.0**	**0.0**	**1 233.7**
Transformation input	**18 489.4**	**2 606.5**	**177.2**	**0.0**	**0.0**	**8 450.2**	**2 099.2**	**1 055.7**	**94.6**	**4 006.0**	**0.0**	**0.0**
+ Electricity & heat generation	8 250.5	1 155.4	177.2	0.0	0.0	23.5	1 902.6	891.3	94.6	4 006.0	0.0	0.0
+ Coke ovens	984.2	984.2	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	508.7	466.9	0.0	0.0	0.0	0.0	41.9	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	8 426.7	Z	Z	Z	Z	8 426.7	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	4.4	Z	0.0	Z	Z	0.0	Z	4.4	Z	Z	Z	Z
+ Liquid biofuels blended	160.0	Z	Z	Z	Z	Z	Z	160.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	154.8	0.0	0.0	0.0	0.0	0.0	154.8	0.0	0.0	Z	Z	Z
Transformation output	**13 622.8**	**710.5**	**400.3**	**0.0**	**Z**	**8 402.9**	**4.4**	**160.0**	**Z**	**Z**	**1 192.9**	**2 751.8**
+ Electricity & heat generation	3 944.8	Z	Z	Z	Z	Z	Z	Z	Z	Z	1 192.9	2 751.8
+ Coke ovens	906.3	710.5	195.8	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	187.7	0.0	187.7	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	8 364.7	Z	Z	Z	Z	8 364.7	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	4.4	Z	Z	Z	Z	Z	4.4	Z	Z	Z	Z	Z
+ Liquid biofuels blended	160.0	Z	Z	Z	Z	Z	Z	160.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	38.2	Z	Z	Z	Z	38.2	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	16.7	0.0	16.7	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**1 161.5**	**0.3**	**159.3**	**0.0**	**0.0**	**375.0**	**208.5**	**13.3**	**0.0**	**Z**	**117.8**	**287.3**
+ Own use in electricity & heat genera	303.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	116.2	186.8
+ Coal mines	19.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	18.8
+ Oil & natural gas extraction plants	67.3	Z	Z	Z	Z	0.0	45.2	0.0	Z	Z	0.0	22.1
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	76.5	0.0	69.3	0.0	0.0	0.0	0.0	0.0	0.0	Z	1.6	5.6
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	90.5	0.0	90.0	0.0	0.0	0.0	0.5	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	591.8	0.0	0.0	0.0	0.0	375.0	162.8	0.0	0.0	Z	0.0	54.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	13.3	Z	Z	Z	Z	Z	Z	13.3	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Distribution losses	**518.8**	**0.0**	**31.9**	**0.0**	**0.0**	**0.0**	**103.9**	**0.0**	**0.0**	**Z**	**94.3**	**288.7**
Available for final consumption	**19 889.2**	**224.0**	**31.8**	**0.0**	**0.0**	**7 391.1**	**5 866.6**	**1 885.6**	**99.7**	**0.0**	**980.8**	**3 409.6**
Final non-energy consumption	**2 213.3**	**0.9**	**0.0**	**0.0**	**0.0**	**1 725.3**	**487.1**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**17 865.4**	**223.6**	**31.9**	**0.0**	**0.0**	**5 685.7**	**5 575.1**	**1 884.6**	**99.7**	**Z**	**974.9**	**3 390.0**
+ Industry	4 453.0	126.3	31.9	0.0	0.0	731.5	1 437.3	211.2	95.5	Z	335.6	1 483.8
+ Iron & steel	220.3	38.4	31.9	0.0	0.0	2.0	67.3	0.1	0.0	Z	17.6	62.9
+ Chemical & petrochemical	1 144.0	0.0	0.0	0.0	0.0	359.7	257.7	1.5	0.4	Z	238.2	286.6
+ Non-ferrous metals	127.1	0.0	0.0	0.0	0.0	1.0	80.5	0.0	0.0	Z	8.0	37.7
+ Non-metallic minerals	575.4	29.8	0.0	0.0	0.0	105.3	201.8	30.0	83.0	Z	2.9	122.6
+ Transport equipment	241.0	0.0	0.0	0.0	0.0	2.1	75.5	0.6	0.0	Z	11.4	151.3
+ Machinery	445.8	1.1	0.0	0.0	0.0	10.6	180.8	3.4	0.0	Z	6.7	243.1
+ Mining & quarrying	35.1	0.0	0.0	0.0	0.0	21.6	3.4	0.0	0.0	Z	0.0	10.1
+ Food, beverages & tobacco	661.9	2.1	0.0	0.0	0.0	12.9	337.6	70.6	0.0	Z	21.5	217.2
+ Paper, pulp & printing	229.6	49.7	0.0	0.0	0.0	2.1	48.0	23.9	12.1	Z	17.5	76.4
+ Wood & wood products	122.1	0.0	0.0	0.0	0.0	7.3	13.4	68.3	0.0	Z	0.7	32.5
+ Construction	309.3	4.7	0.0	0.0	0.0	202.4	54.4	4.3	0.0	Z	3.4	40.1
+ Textile & leather	42.8	0.0	0.0	0.0	0.0	0.0	21.2	0.2	0.0	Z	0.5	21.0
+ Not elsewhere specified (industry)	298.5	0.4	0.0	0.0	0.0	4.3	95.8	8.2	0.0	Z	7.4	182.5
+ Transport	4 810.2	0.0	0.0	0.0	0.0	4 434.9	78.3	193.5	0.0	Z	Z	103.5
+ Rail	143.3	0.0	0.0	0.0	0.0	43.0	Z	0.0	0.0	Z	Z	100.3
+ Road	4 592.1	Z	Z	Z	Z	4 386.7	9.7	193.5	0.0	Z	Z	2.2
+ Domestic aviation	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	5.1	0.0	0.0	0.0	0.0	5.1	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	69.7	Z	Z	Z	Z	0.0	68.6	0.0	Z	Z	Z	1.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	8 602.1	97.3	0.0	0.0	0.0	519.4	4 059.5	1 479.9	4.2	Z	639.2	1 802.7
+ Commercial & public services	2 101.4	1.5	0.0	0.0	0.0	37.3	1 102.4	52.5	4.2	Z	169.1	734.3
+ Households	5 818.5	94.9	0.0	0.0	0.0	76.0	2 830.6	1 372.1	0.0	Z	467.4	977.6
+ Agriculture & forestry	640.9	0.9	0.0	0.0	0.0	393.7	107.3	55.2	0.0	Z	0.4	83.4
+ Fishing	3.2	0.0	0.0	0.0	0.0	2.0	0.1	0.0	0.0	Z	0.0	1.0
+ Not elsewhere specified (other)	38.1	0.0	0.0	0.0	0.0	10.3	19.2	0.0	0.0	Z	2.4	6.3
Statistical differences	**-189.5**	**-0.5**	**-0.0**	**0.0**	**0.0**	**-19.9**	**-195.7**	**1.0**	**0.0**	**0.0**	**6.0**	**19.6**
Gross electricity production	2 739.9	401.5	14.2	0.0	0.0	7.7	622.0	322.7	19.0	1 352.8	Z	Z
Gross heat production	1 129.8	20.2	92.8	0.0	0.0	1.3	806.4	173.5	20.9	14.8	Z	0.0

Source: Eurostat (nrg_bal_c)

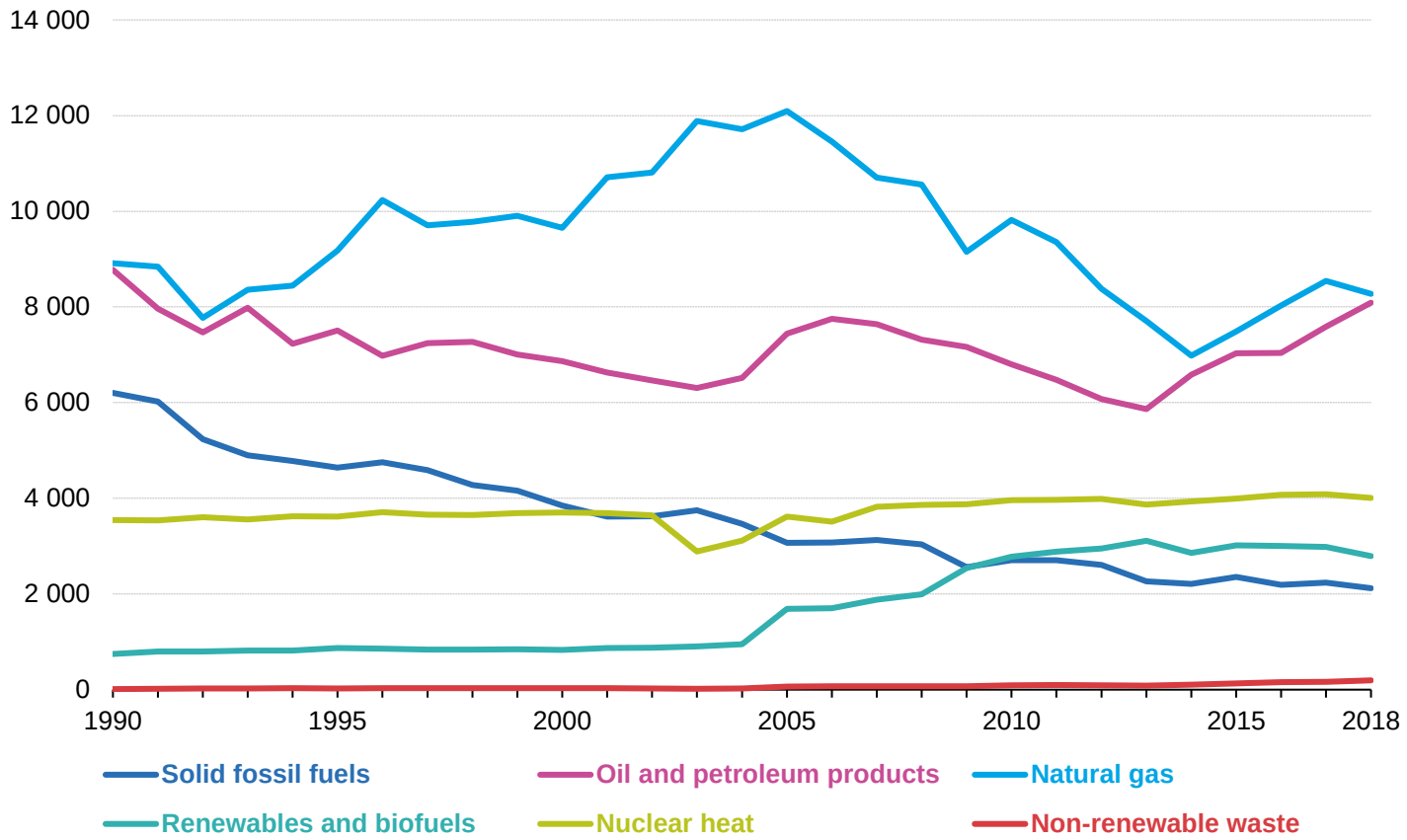
Hungary	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	26 592	26 063	24 771	23 920	23 823	25 203	25 585	26 703	26 712
Solid fossil fuels	2 703	2 708	2 604	2 266	2 209	2 359	2 189	2 235	2 120
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	6 941	7 181	6 794	6 528	7 208	7 156	7 145	7 042	7 501
Petroleum products	6 799	6 477	6 077	5 864	6 582	7 031	7 041	7 588	8 090
Natural gas	9 815	9 354	8 377	7 704	6 982	7 490	8 028	8 542	8 274
Nuclear heat	3 963	3 965	3 986	3 870	3 937	3 994	4 071	4 084	4 006
Renewable energies	2 778	2 886	2 953	3 112	2 860	3 020	3 005	2 983	2 795
Non-renewable wastes	88	100	89	83	102	132	158	164	194
Primary production	11 707	11 635	11 613	11 298	10 880	11 105	11 280	11 165	10 865
Solid fossil fuels	1 593	1 645	1 606	1 612	1 588	1 518	1 462	1 283	1 141
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	1 084	958	1 030	877	837	866	992	1 052	1 108
Natural gas	2 235	2 115	1 768	1 544	1 437	1 369	1 429	1 411	1 467
Nuclear heat	3 963	3 965	3 986	3 870	3 937	3 994	4 071	4 084	4 006
Renewable energies	2 744	2 857	3 133	3 314	2 981	3 250	3 200	3 204	2 997
Non-renewable wastes	88	94	88	81	99	107	125	130	146
Net imports	15 139	13 102	12 422	11 989	14 257	13 578	14 280	16 699	15 510
Solid fossil fuels	1 132	980	888	601	616	795	711	986	1 020
Crude oil	5 722	5 877	5 440	5 307	6 038	6 105	5 927	5 814	6 273
Gas/Diesel Oil (w/o bio)	319	34	-217	-120	-149	291	274	197	316
Motor Gasoline (w/o bio)	184	37	79	82	135	162	264	278	253
Naphtha	218	206	153	261	230	304	213	495	277
LPG	80	81	116	115	187	277	310	402	396
All other oil & petroleum products	5 799	5 384	4 983	5 000	5 809	6 588	6 318	6 568	6 952
Natural gas	7 726	6 133	6 054	5 557	6 819	5 218	6 332	8 221	6 449
Transformation input	23 012	21 805	20 903	19 569	19 446	18 915	18 200	18 098	18 489
Electricity & heat generation	9 722	9 319	9 048	8 132	7 946	8 193	8 442	8 529	8 250
Refinery intake	8 560	8 286	7 883	7 704	8 011	7 546	7 393	7 218	7 727
Coke ovens	1 065	1 067	1 013	908	913	950	876	948	984
Blast furnaces	526	515	473	257	340	483	337	495	509
Transformation output	17 080	16 094	15 435	14 785	14 663	13 976	13 362	13 147	13 623
Electricity & heat generation	4 479	4 273	4 160	3 779	3 674	3 850	4 027	4 081	3 945
Refinery output	8 387	8 132	7 741	7 570	7 853	7 379	7 325	7 155	7 667
Coke ovens	985	1 013	979	865	872	921	847	911	906
Blast furnaces	185	172	171	90	122	168	116	175	188
Energy sector	966	950	822	900	1 077	1 036	1 091	1 137	1 161
Distribution losses	603	569	530	521	515	516	503	522	519
Available for final consumption	18 861	18 600	17 785	17 552	17 277	18 537	18 961	19 869	19 889
Solid fossil fuels	249	257	223	166	117	208	208	281	224
Manufactured gases	149	146	133	82	46	56	32	42	32
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	2 882	2 670	2 477	2 433	2 734	3 073	3 144	3 385	3 641
Motor Gasoline (w/o bio)	1 348	1 245	1 235	1 159	1 243	1 283	1 388	1 368	1 418
Naphtha	929	988	915	902	876	943	938	1 107	1 151
LPG	386	361	346	467	513	585	478	542	537
All other oil & petroleum products	5 991	5 726	5 448	5 264	5 901	6 412	6 441	6 963	7 391
Natural gas	6 435	6 233	5 513	5 536	5 119	5 460	5 761	6 013	5 867
Primary solid biofuels & charcoal	1 695	1 944	2 085	2 169	1 797	1 921	1 891	1 823	1 580
Liquid biofuels	175	160	155	142	188	175	187	166	195
All other renewable energies	1 974	2 214	2 353	2 431	2 074	2 176	2 157	2 104	1 886
Non-renewable wastes	32	38	35	33	48	60	64	79	100
Electricity	2 941	2 973	3 030	2 999	3 073	3 181	3 232	3 351	3 410
Heat	1 089	1 013	1 050	1 042	899	985	1 066	1 037	981
Statistical difference	7	11	144	-218	-327	-198	-277	-221	-189
Final non-energy consumption	1 974	1 672	1 637	1 515	1 828	1 905	1 851	2 186	2 213
Final energy consumption	16 880	16 918	16 004	16 255	15 776	16 830	17 387	17 904	17 865
Industry	2 605	2 998	3 182	3 726	3 705	3 867	3 996	4 265	4 453
Transport	4 089	3 813	3 692	3 460	3 873	4 181	4 343	4 534	4 810
Other sectors	10 185	10 106	9 129	9 070	8 197	8 781	9 049	9 105	8 602
Services	3 049	3 054	2 354	2 337	2 115	2 204	2 191	2 162	2 101
Households	6 649	6 570	6 376	6 210	5 487	5 970	6 173	6 296	5 819

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	26 592	26 063	24 771	23 920	23 823	25 203	25 585	26 688	26 702
Primary energy consumption	24 618	24 391	23 134	22 405	21 995	23 298	23 734	24 501	24 489
Final energy consumption	17 450	17 493	16 473	16 584	16 221	17 400	17 857	18 520	18 543

Source: Eurostat (nrg_bal_c)

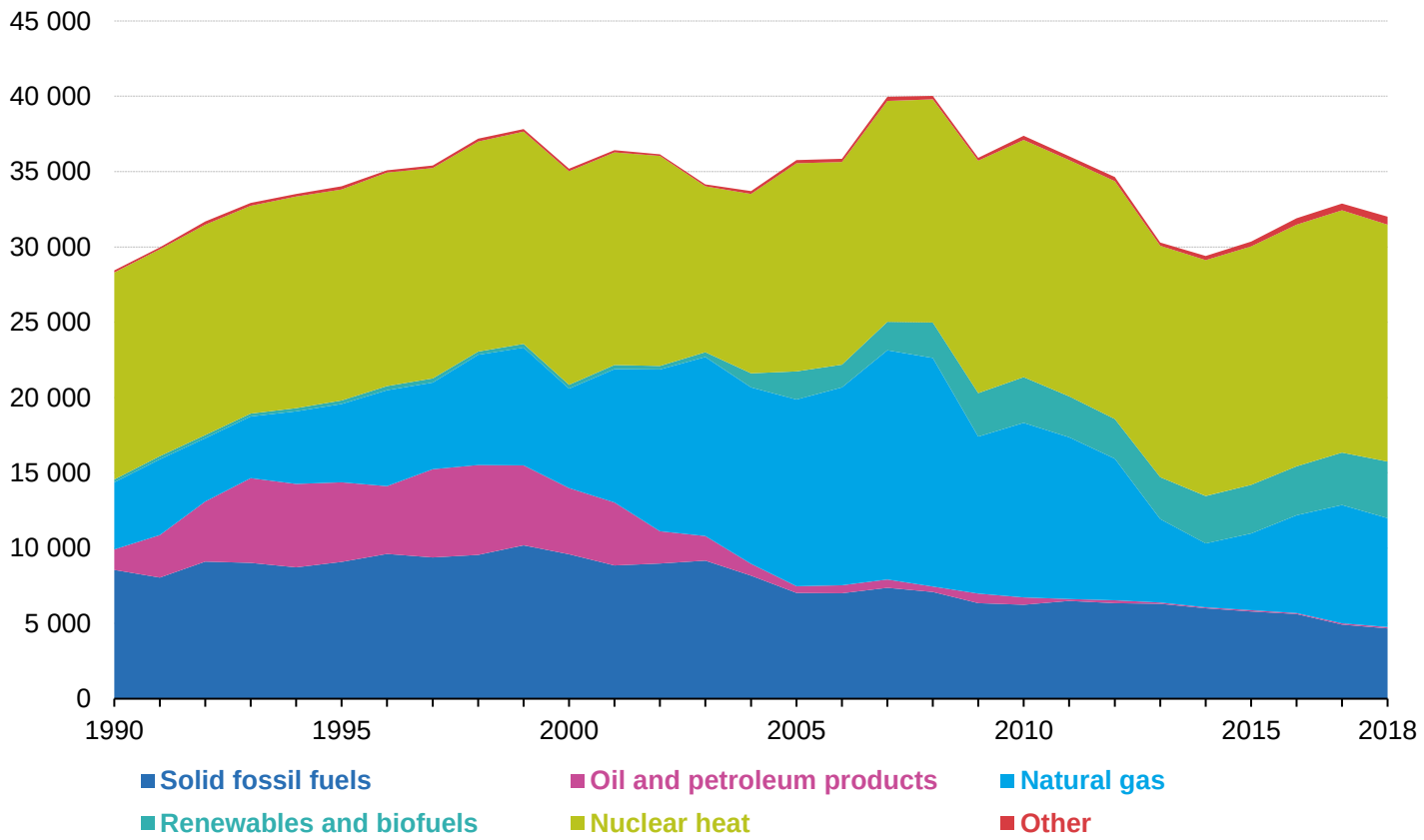
Hungary

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

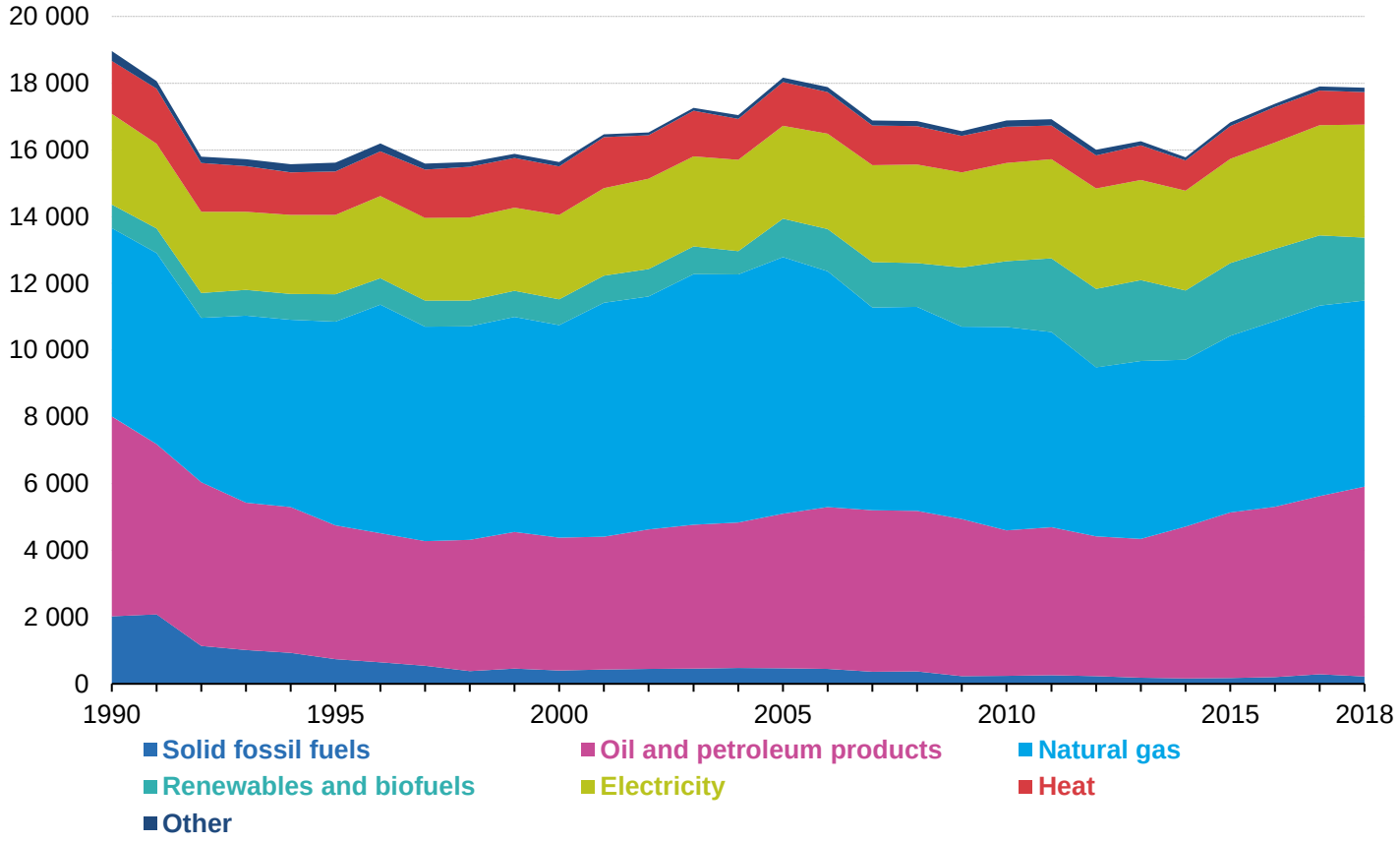


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

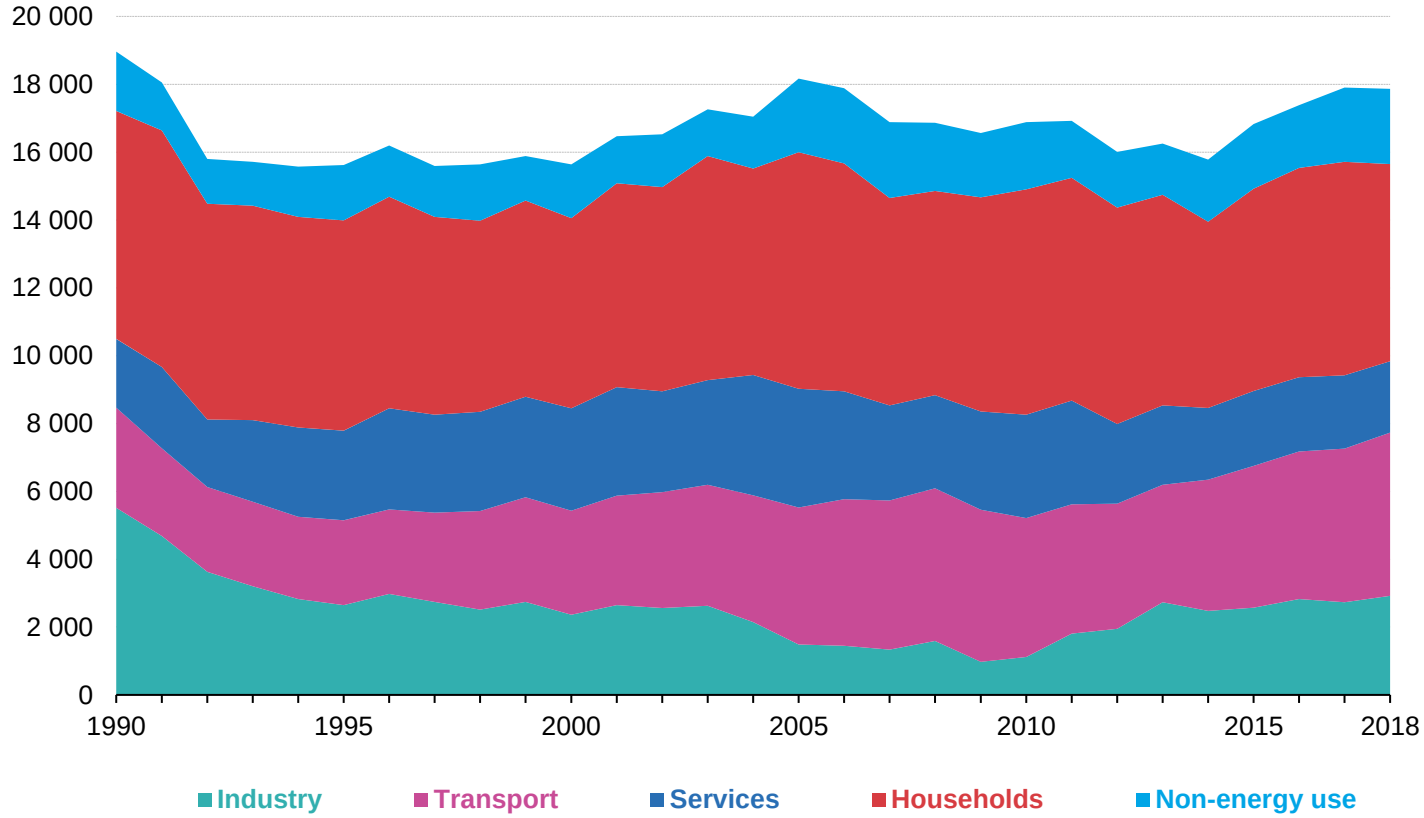
Hungary

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	30 292	29 403	30 361	31 902	32 885	32 004	34 082 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	2	0	180	199	157	173 P
Sub-bituminous coal	47	49	80	3	0	0	0 P
Lignite	6 253	5 944	5 710	5 449	4 733	4 512	3 863 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	6 300	5 995	5 790	5 632	4 932	4 669	4 036 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	5 541	4 240	5 108	6 479	7 838	7 234	8 573 P
Coke oven gas	52	59	41	65	63	69	64 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	32	60	77	61	103	96	83 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	5 625	4 359	5 226	6 605	8 004	7 399	8 720 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	11	13	20	11	0	17	19 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	14	17	18	15	29	12	12 P
Fuel oil	50	43	37	34	53	58	35 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	3	3	2	3	3	3	2 P
Sub-total	78	76	77	63	85	90	68 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	213	301	234	259	220	222	219 P
Geothermal	0	0	0	0	1	12	18 P
Wind	718	657	693	684	758	607	729 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	25	67	141	244	349	620	1 386 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	1 429	1 702	1 661	1 493	1 646	1 799	1 784 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	267	288	293	333	348	331	305 P
Renewable municipal waste	136	137	207	245	160	162	137 P
Sub-total	2 787	3 151	3 229	3 258	3 482	3 753	4 578 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	5	16	46	112	93	114	145 P
Non-renewable municipal waste	95	102	95	100	109	107	105 P
Sub-total	100	118	142	211	202	221	250 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	15 370	15 649	15 834	16 054	16 098	15 733	16 288 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	32	55	63	78	82	139	142 P
Sub-total	15 402	15 704	15 897	16 132	16 180	15 872	16 430 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	1	0	0	0	3	3	3 P
Coking coal	1 279	1 294	1 327	1 223	1 320	1 346	1 294 P
Other bituminous coal	52	47	56	178	195	152	132 P
Sub-bituminous coal	259	193	160	134	0	0	0 P
Lignite	9 662	9 189	9 162	9 046	8 143	8 175	6 963 P
Coke oven coke	400	509	699	505	722	734	664 P
Patent fuel	1	1	0	0	0	0	0 P
Brown coal briquettes	6	4	4	7	12	11	9 P
Coal tar	2	6	15	13	5	0	13 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	358 393	324 785	348 428	373 449	397 573	385 102	391 887 P
Coke oven gas	8 014	8 444	9 182	8 198	9 126	9 109	8 162 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	3 935	5 347	7 607	5 061	7 870	8 560	7 080 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	5 723	6 462	6 635	6 285	6 189	6 876	6 313 P
Refinery intake	7 711	8 046	7 557	7 402	7 227	7 738	7 442 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	2 129	2 476	2 734	2 956	3 588	3 934	4 069 P
Export	2 900	3 222	2 757	2 893	3 069	3 549	3 296 P
Total refinery output	7 644	7 944	7 473	7 334	7 153	7 658	7 403 P
Gas oil and diesel oil	3 468	3 509	3 055	3 009	3 093	3 174	3 114 P
Motor gasoline	1 067	1 089	1 152	1 108	1 023	1 117	1 093 P
Fuel oil	84	67	69	39	78	43	21 P
Naphtha	904	902	904	1 008	862	1 036	880 P
Kerosene-type jet fuel	181	191	191	199	236	297	300 P
All other oil products	1 940	2 186	2 102	1 971	1 861	1 991	1 995 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	110 331	98 388	103 914	101 026	99 547	90 062	86 585 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	3 336	3 323	3 335	3 708	4 141	3 850	3 480 P
Pure biogasoline [kt]	49	76	67	73	57	73	73 P
Pure biodiesels [kt]	149	125	95	87	81	128	131 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	2 138	2 249	3 123	3 482	2 766	2 907	2 500 P
Non-renewable municipal waste	1 785	2 023	2 189	2 149	2 238	2 155	2 526 P
Industrial waste (non-renewable)	1 696	2 267	3 351	4 468	4 625	5 979	6 868 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	4 721	3 800	4 426	5 026	5 590	5 866	5 707 P
Solar thermal	368	406	448	468	493	527	595 P
Ambinet heat (heat pumps)	0	0	0	0	634	430	417 P

Source: Eurostat (nrg_cb_rw)

Malta ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	34.1	0.0	Z	0.0	0.0	0.0	0.0	34.1	0.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	3 339.5	0.0	0.0	0.0	0.0	2 944.7	320.7	19.9	0.0	Z	0.0	54.3
- Exports	354.2	0.0	0.0	0.0	0.0	353.1	0.0	0.2	0.0	Z	0.0	0.9
+ Change in stock	32.2	0.0	0.0	0.0	0.0	68.0	-27.8	-8.0	0.0	Z	Z	Z
= Gross available energy	**3 051.6**	**0.0**	**0.0**	**0.0**	**0.0**	**2 659.6**	**292.9**	**45.7**	**0.0**	**0.0**	**0.0**	**53.4**
- International maritime bunkers	2 207.2	0.0	0.0	0.0	0.0	2 207.2	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**844.5**	**0.0**	**0.0**	**0.0**	**0.0**	**452.4**	**292.9**	**45.7**	**0.0**	**0.0**	**0.0**	**53.4**
- International aviation	156.8	Z	Z	Z	Z	156.8	Z	0.0	Z	Z	Z	Z
= Total energy supply	**687.7**	**0.0**	**0.0**	**0.0**	**0.0**	**295.6**	**292.9**	**45.7**	**0.0**	**0.0**	**0.0**	**53.4**
Transformation input	**315.0**	**0.0**	**0.0**	**0.0**	**0.0**	**5.4**	**292.4**	**17.3**	**0.0**	**0.0**	**0.0**	**0.0**
+ Electricity & heat generation	315.0	0.0	0.0	0.0	0.0	5.4	292.4	17.3	0.0	0.0	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**168.7**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**0.0**	**0.0**	**Z**	**Z**	**0.0**	**168.7**
+ Electricity & heat generation	168.7	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	168.7
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**4.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**4.3**
+ Own use in electricity & heat genera	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	4.3
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Distribution losses	**12.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.3**	**0.0**	**0.0**	**Z**	**0.0**	**12.3**
Available for final consumption	**524.5**	**0.0**	**0.0**	**0.0**	**0.0**	**290.3**	**0.3**	**28.4**	**0.0**	**0.0**	**0.0**	**205.5**
Final non-energy consumption	**11.7**	**0.0**	**0.0**	**0.0**	**0.0**	**11.7**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**514.5**	**0.0**	**0.0**	**0.0**	**0.0**	**281.1**	**0.0**	**27.9**	**0.0**	**Z**	**0.0**	**205.5**
+ Industry	55.7	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	Z	0.0	41.3
+ Iron & steel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Chemical & petrochemical	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	4.1
+ Non-ferrous metals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Non-metallic minerals	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.5
+ Transport equipment	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	1.8
+ Machinery	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	10.3
+ Mining & quarrying	1.3	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	Z	0.0	0.1
+ Food, beverages & tobacco	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	6.2
+ Paper, pulp & printing	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	2.3
+ Wood & wood products	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.2
+ Construction	3.2	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	Z	0.0	2.4
+ Textile & leather	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	2.8
+ Not elsewhere specified (industry)	23.1	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	Z	0.0	10.6
+ Transport	230.8	0.0	0.0	0.0	0.0	221.2	0.0	9.6	0.0	Z	Z	0.0
+ Rail	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	0.0
+ Road	217.3	Z	Z	Z	Z	207.8	0.0	9.5	0.0	Z	Z	0.0
+ Domestic aviation	0.7	Z	Z	Z	Z	0.7	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	12.8	0.0	0.0	0.0	0.0	12.7	Z	0.1	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	228.0	0.0	0.0	0.0	0.0	45.5	0.0	18.3	0.0	Z	0.0	164.2
+ Commercial & public services	125.2	0.0	0.0	0.0	0.0	24.2	0.0	4.8	0.0	Z	0.0	96.1
+ Households	93.5	0.0	0.0	0.0	0.0	15.3	0.0	13.3	0.0	Z	0.0	65.0
+ Agriculture & forestry	4.9	0.0	0.0	0.0	0.0	3.8	0.0	0.2	0.0	Z	0.0	0.8
+ Fishing	2.3	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	Z	0.0	0.2
+ Not elsewhere specified (other)	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	2.1
Statistical differences	**-1.8**	**0.0**	**0.0**	**0.0**	**0.0**	**-2.6**	**0.3**	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	168.7	0.0	0.0	0.0	0.0	1.6	150.1	17.1	0.0	0.0	Z	Z
Gross heat production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

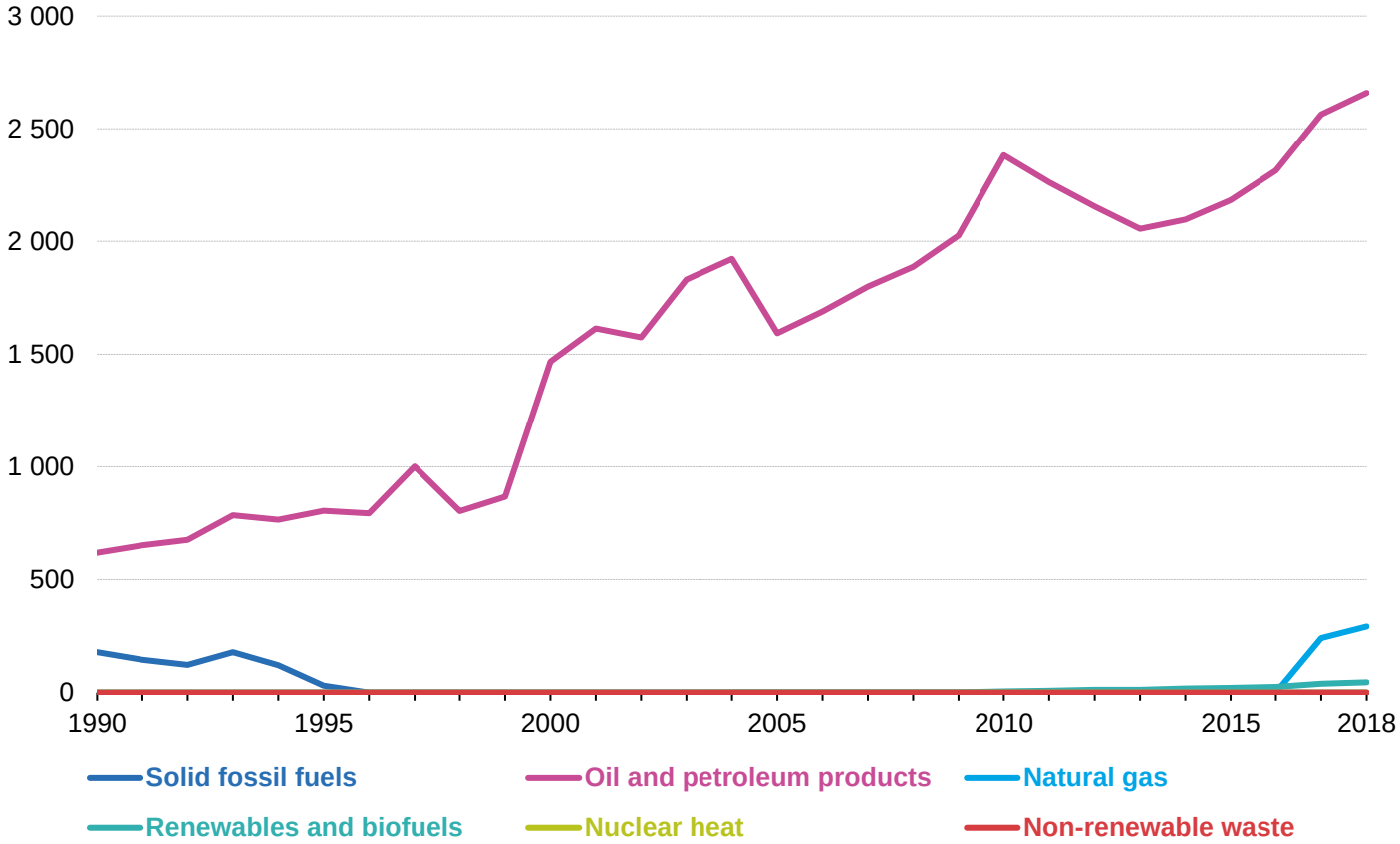
Malta	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	2 388	2 271	2 166	2 069	2 116	2 295	2 470	2 919	3 052
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Petroleum products	2 383	2 263	2 155	2 056	2 097	2 183	2 315	2 564	2 660
Natural gas	0	0	0	0	0	0	0	242	293
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	5	8	12	13	19	21	25	39	46
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	4	6	9	9	13	16	19	31	34
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	4	6	9	9	13	16	19	31	34
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	2 365	2 300	2 187	2 154	2 066	2 232	2 497	3 008	2 985
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	463	429	419	395	391	425	440	576	461
Motor Gasoline (w/o bio)	71	84	66	75	80	79	72	86	81
Naphtha	0	0	0	0	0	0	0	0	0
LPG	24	23	25	24	24	25	19	26	30
All other oil & petroleum products	2 364	2 298	2 184	2 151	2 061	2 136	2 357	2 672	2 592
Natural gas	0	0	0	0	0	0	0	254	321
Transformation input	578	594	631	518	511	277	190	305	315
Electricity & heat generation	578	593	629	516	507	272	184	298	315
Refinery intake	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	182	188	199	195	197	117	79	149	169
Electricity & heat generation	182	187	197	194	193	112	74	142	169
Refinery output	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	10	11	10	10	9	6	4	4	4
Distribution losses	15	16	19	16	11	15	19	22	13
Available for final consumption	415	399	420	428	446	461	461	505	524
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	126	118	121	137	145	149	153	156	165
Motor Gasoline (w/o bio)	75	75	75	74	75	78	79	80	80
Naphtha	0	0	0	0	0	0	0	0	0
LPG	25	23	24	23	23	25	18	29	28
All other oil & petroleum products	253	232	243	251	261	267	266	281	290
Natural gas	0	0	0	0	0	0	0	0	0
Primary solid biofuels & charcoal	1	1	1	1	1	1	1	1	1
Liquid biofuels	1	2	3	4	5	5	6	7	10
All other renewable energies	5	7	9	9	12	12	13	24	28
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	157	160	167	168	172	182	182	199	205
Heat	0	0	0	0	0	0	0	0	0
Statistical difference	5	2	2	0	5	-8	-7	2	-2
Final non-energy consumption	9	9	11	7	5	6	9	10	12
Final energy consumption	401	388	407	421	436	462	459	493	515
Industry	44	40	44	52	55	55	55	57	56
Transport	185	183	181	184	188	200	200	207	231
Other sectors	172	165	182	185	192	207	204	228	228
Services	92	88	100	104	111	121	118	128	125
Households	69	69	72	74	74	80	78	91	94

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	938	937	981	882	892	758	719	817	833
Primary energy consumption	930	928	971	875	887	752	710	807	822
Final energy consumption	503	493	507	526	548	578	583	622	660

Source: Eurostat (nrg_bal_c)

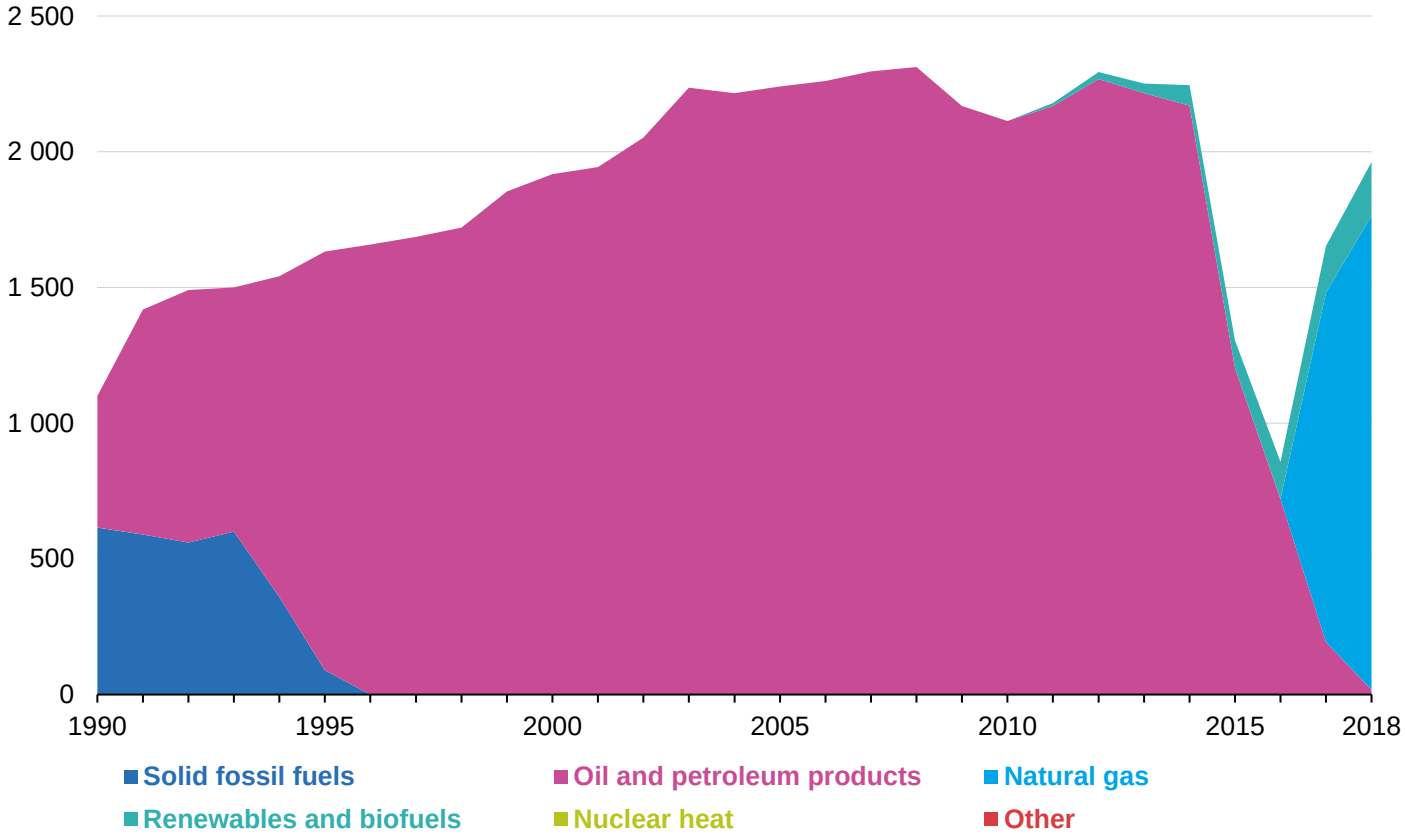
Malta

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

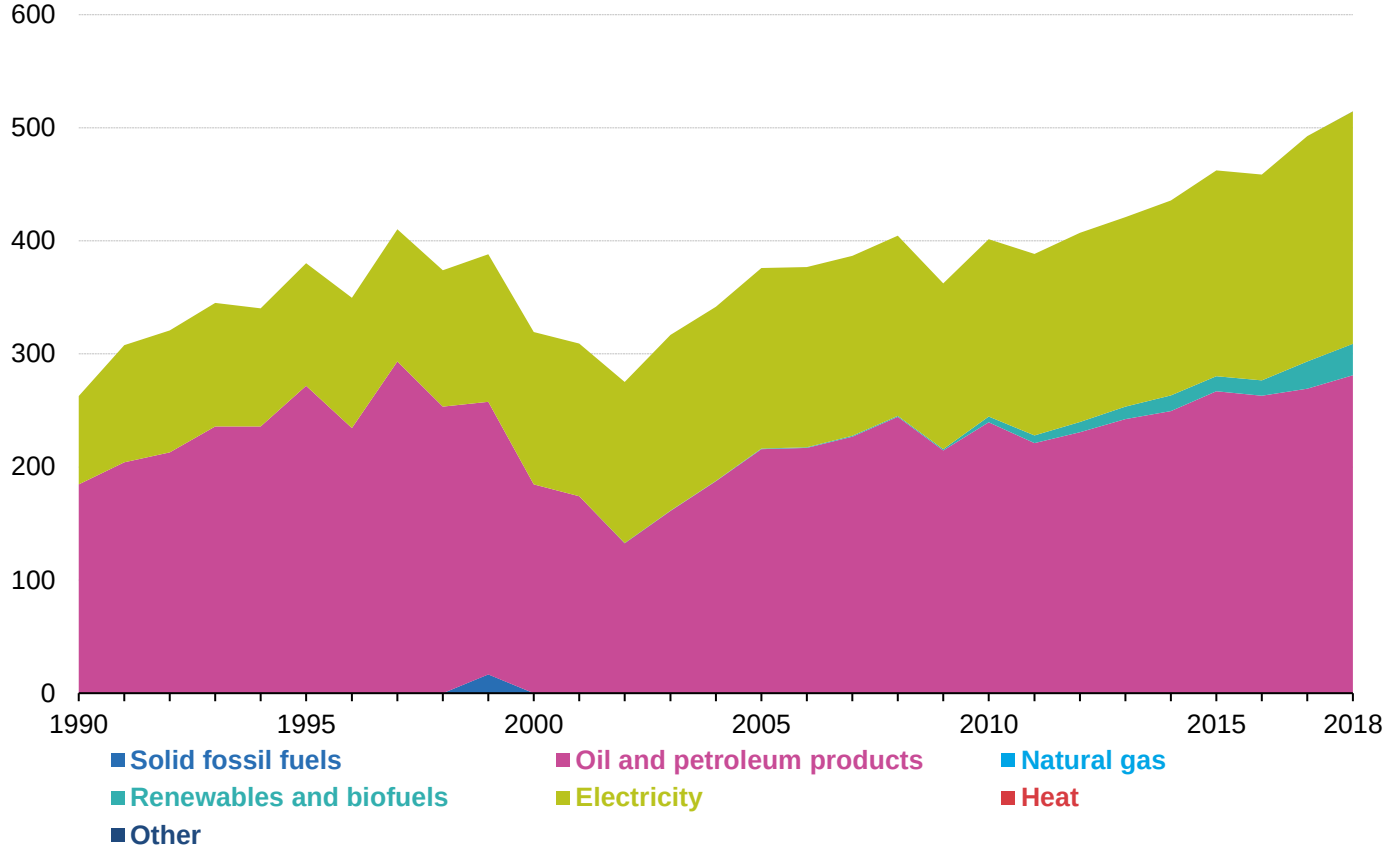


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

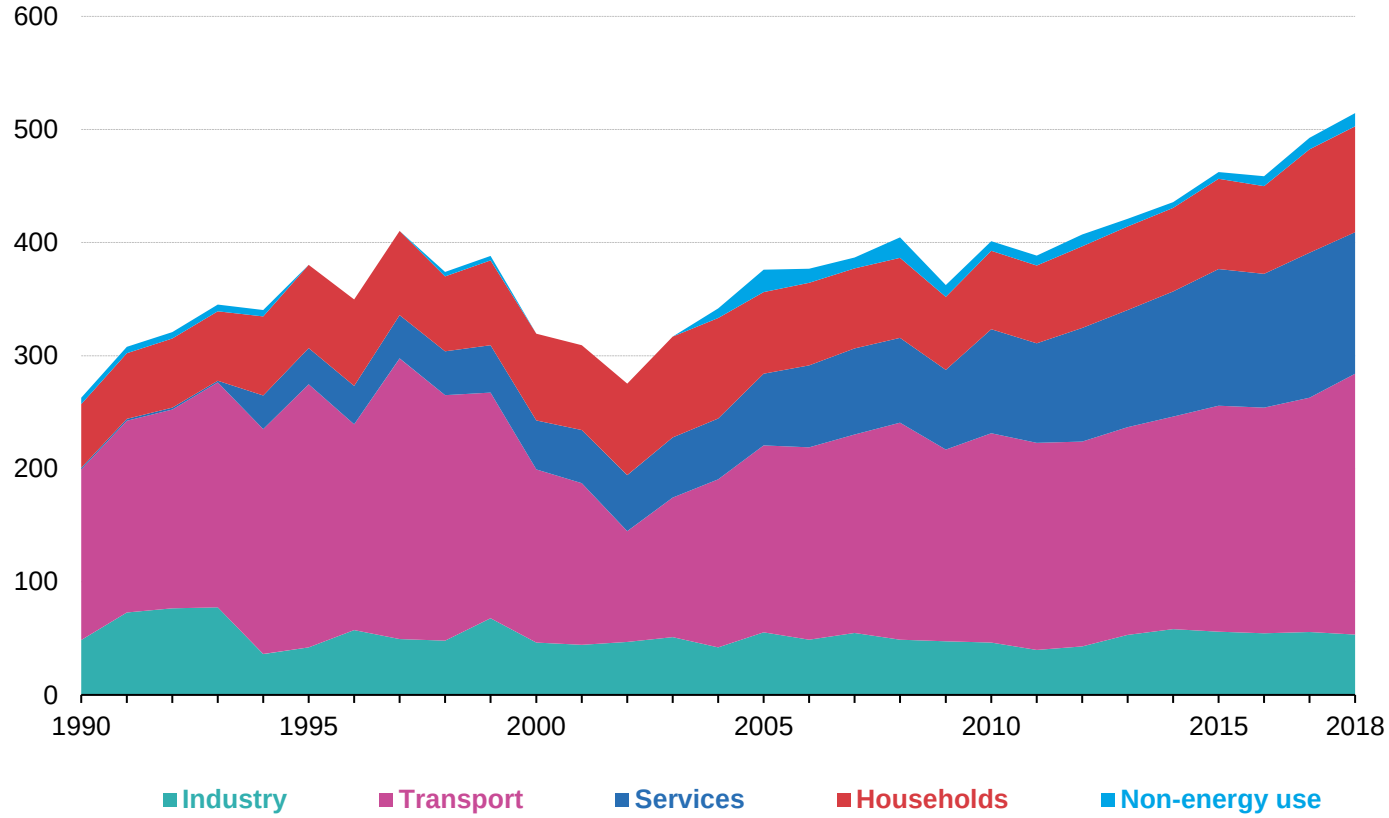
Malta

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	2 252	2 245	1 305	857	1 652	1 962	2 071 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	1 287	1 745	1 828 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	1 287	1 745	1 828 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	275	253	83	3	18	18	30 P
Fuel oil	1 941	1 917	1 120	718	175	0	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	2 216	2 170	1 203	721	193	18	30 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	0	0	0	0	0	0	0 P
Geothermal	0	0	0	0	0	0	0 P
Wind	0	0	0	0	0	0	0 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	29	68	95	128	162	190	203 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	0	0	0	0	0	0	0 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	6	7	7	8	10	9	9 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	36	75	102	136	172	199	213 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	11 245	13 627	14 245 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	0	0	0	0	0	0 P
Refinery intake	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	2 341	2 302	2 719	2 690	2 885	3 023	3 105 P
Export	151	206	532	273	152	355	383 P
Total refinery output	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Motor gasoline	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	36	45	48	46	57	56	70 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	59	73	77	80	77	69	71 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	4	6	5	6	8	10	11 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	183	194	201	207	209	211	213 P
Ambinet heat (heat pumps)	0	0	0	0	411	464	543 P

Source: Eurostat (nrg_cb_rw)

Netherlands ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	36 587.6	0.0	Z	0.0	0.0	1 526.9	27 772.6	5 653.6	689.1	812.3	133.2	Z
+ Recovered & recycled products	384.3	0.0	Z	0.0	0.0	384.3	Z	0.0	Z	Z	Z	Z
+ Imports	205 906.3	8 324.9	0.0	0.0	0.0	150 924.3	43 644.7	511.8	200.1	Z	0.0	2 300.5
- Exports	152 734.0	129.4	0.0	0.0	0.0	110 533.3	39 047.7	1 371.4	36.9	Z	0.0	1 615.2
+ Change in stock	-1 046.0	16.9	0.0	0.0	0.0	718.4	-1 628.8	-152.5	0.0	Z	Z	Z
= Gross available energy	**89 098.2**	**8 212.4**	**0.0**	**0.0**	**0.0**	**43 020.5**	**30 740.7**	**4 641.5**	**852.3**	**812.3**	**133.2**	**685.3**
- International maritime bunkers	11 202.3	0.0	0.0	0.0	0.0	11 174.0	11.6	16.7	Z	Z	Z	Z
= Gross inland consumption	**77 896.0**	**8 212.4**	**0.0**	**0.0**	**0.0**	**31 846.6**	**30 729.1**	**4 624.8**	**852.3**	**812.3**	**133.2**	**685.3**
- International aviation	4 061.5	Z	Z	Z	Z	4 061.5	Z	0.0	Z	Z	Z	Z
= Total energy supply	**73 834.5**	**8 212.4**	**0.0**	**0.0**	**0.0**	**27 785.1**	**30 729.1**	**4 624.8**	**852.3**	**812.3**	**133.2**	**685.3**
Transformation input	**125 191.6**	**9 531.1**	**570.1**	**0.0**	**0.0**	**100 184.2**	**9 495.0**	**3 491.3**	**813.0**	**812.3**	**294.7**	**0.0**
+ Electricity & heat generation	20 547.9	5 303.6	570.1	0.0	0.0	476.8	9 495.0	2 782.4	813.0	812.3	294.7	0.0
+ Coke ovens	1 862.5	1 862.5	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	2 365.0	2 365.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	99 586.7	Z	Z	Z	Z	99 586.7	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	201.3	Z	0.0	Z	Z	120.7	Z	80.6	Z	Z	Z	Z
+ Liquid biofuels blended	628.3	Z	Z	Z	Z	Z	Z	628.3	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**114 653.6**	**1 425.5**	**1 263.3**	**0.0**	**Z**	**98 856.4**	**111.1**	**620.7**	**Z**	**Z**	**2 534.0**	**9 842.5**
+ Electricity & heat generation	12 376.5	Z	Z	Z	Z	Z	Z	Z	Z	Z	2 534.0	9 842.5
+ Coke ovens	1 815.9	1 425.5	390.4	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	872.9	0.0	872.9	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	98 856.4	Z	Z	Z	Z	98 856.4	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	111.1	Z	Z	Z	Z	Z	111.1	Z	Z	Z	Z	Z
+ Liquid biofuels blended	620.7	Z	Z	Z	Z	Z	Z	620.7	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**4 846.0**	**0.0**	**192.3**	**0.0**	**0.0**	**2 062.3**	**1 502.0**	**0.0**	**0.0**	**Z**	**273.3**	**816.1**
+ Own use in electricity & heat genera	302.2	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	Z	0.0	294.4
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	767.7	Z	Z	Z	Z	0.0	528.2	0.0	Z	Z	0.0	239.6
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	199.8	0.0	192.3	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	7.5
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	3 451.0	0.0	0.0	0.0	0.0	2 062.3	928.8	0.0	0.0	Z	240.0	219.9
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	125.3	0.0	0.0	0.0	0.0	0.0	37.2	0.0	0.0	Z	33.3	54.8
Distribution losses	**553.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**94.7**	**458.6**
Available for final consumption	**57 897.2**	**106.8**	**500.9**	**0.0**	**0.0**	**24 395.0**	**19 843.3**	**1 754.3**	**39.3**	**0.0**	**2 004.6**	**9 253.0**
Final non-energy consumption	**12 819.1**	**8.4**	**0.0**	**0.0**	**0.0**	**10 390.4**	**2 420.3**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**44 933.3**	**98.6**	**500.9**	**0.0**	**0.0**	**14 142.8**	**17 104.8**	**1 758.9**	**39.3**	**Z**	**2 004.6**	**9 283.6**
+ Industry	13 690.9	95.8	500.9	0.0	0.0	3 276.2	5 113.7	194.2	0.0	Z	1 409.7	3 100.5
+ Iron & steel	984.0	3.0	500.9	0.0	0.0	5.0	260.2	0.0	0.0	Z	0.1	214.8
+ Chemical & petrochemical	7 062.7	0.0	0.0	0.0	0.0	2 794.2	2 023.4	5.7	0.0	Z	1 128.0	1 111.4
+ Non-ferrous metals	292.9	0.0	0.0	0.0	0.0	1.4	71.1	0.0	0.0	Z	28.0	192.4
+ Non-metallic minerals	622.3	45.2	0.0	0.0	0.0	7.7	454.7	0.0	0.0	Z	0.0	114.7
+ Transport equipment	122.1	0.0	0.0	0.0	0.0	5.7	54.7	0.0	0.0	Z	0.1	61.7
+ Machinery	475.0	0.0	0.0	0.0	0.0	3.1	200.3	0.0	0.0	Z	1.1	270.5
+ Mining & quarrying	126.6	0.0	0.0	0.0	0.0	3.3	53.5	0.0	0.0	Z	46.2	23.5
+ Food, beverages & tobacco	2 139.1	30.9	0.0	0.0	0.0	2.5	1 381.6	58.4	0.0	Z	76.0	589.7
+ Paper, pulp & printing	596.6	0.0	0.0	0.0	0.0	0.8	287.5	9.0	0.0	Z	106.1	193.2
+ Wood & wood products	57.6	0.0	0.0	0.0	0.0	0.1	13.8	31.3	0.0	Z	0.0	12.5
+ Construction	693.4	1.2	0.0	0.0	0.0	451.4	120.9	30.7	0.0	Z	0.0	89.2
+ Textile & leather	112.0	0.0	0.0	0.0	0.0	0.2	57.9	0.0	0.0	Z	19.3	34.6
+ Not elsewhere specified (industry)	406.6	15.5	0.0	0.0	0.0	0.9	134.2	59.0	0.0	Z	4.8	192.3
+ Transport	10 831.8	0.0	0.0	0.0	0.0	10 084.5	63.1	501.7	0.0	Z	Z	182.4
+ Rail	162.9	0.0	0.0	0.0	0.0	22.5	Z	1.3	0.0	Z	Z	139.0
+ Road	10 354.7	Z	Z	Z	Z	9 749.2	63.1	499.0	0.0	Z	Z	43.4
+ Domestic aviation	10.7	Z	Z	Z	Z	10.7	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	303.5	0.0	0.0	0.0	0.0	302.1	Z	1.4	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	20 410.7	2.8	0.0	0.0	0.0	782.1	11 927.9	1 063.0	39.3	Z	594.9	6 000.7
+ Commercial & public services	6 894.6	1.8	0.0	0.0	0.0	165.0	3 018.7	288.5	39.3	Z	207.9	3 173.4
+ Households	9 645.8	1.0	0.0	0.0	0.0	36.2	6 840.2	494.6	0.0	Z	298.6	1 975.1
+ Agriculture & forestry	3 647.1	0.0	0.0	0.0	0.0	369.3	2 065.6	271.8	0.0	Z	88.4	852.1
+ Fishing	149.2	0.0	0.0	0.0	0.0	149.2	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	74.0	0.0	0.0	0.0	0.0	62.5	3.5	8.1	0.0	Z	0.0	0.0
Statistical differences	**144.7**	**-0.1**	**-0.0**	**0.0**	**0.0**	**-138.2**	**318.2**	**-4.6**	**0.0**	**0.0**	**-0.0**	**-30.5**
Gross electricity production	9 833.6	2 362.0	243.2	0.0	0.0	112.1	5 018.0	1 623.8	172.4	302.2	Z	Z
Gross heat production	2 400.8	55.4	10.7	0.0	0.0	267.9	1 576.7	336.0	154.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

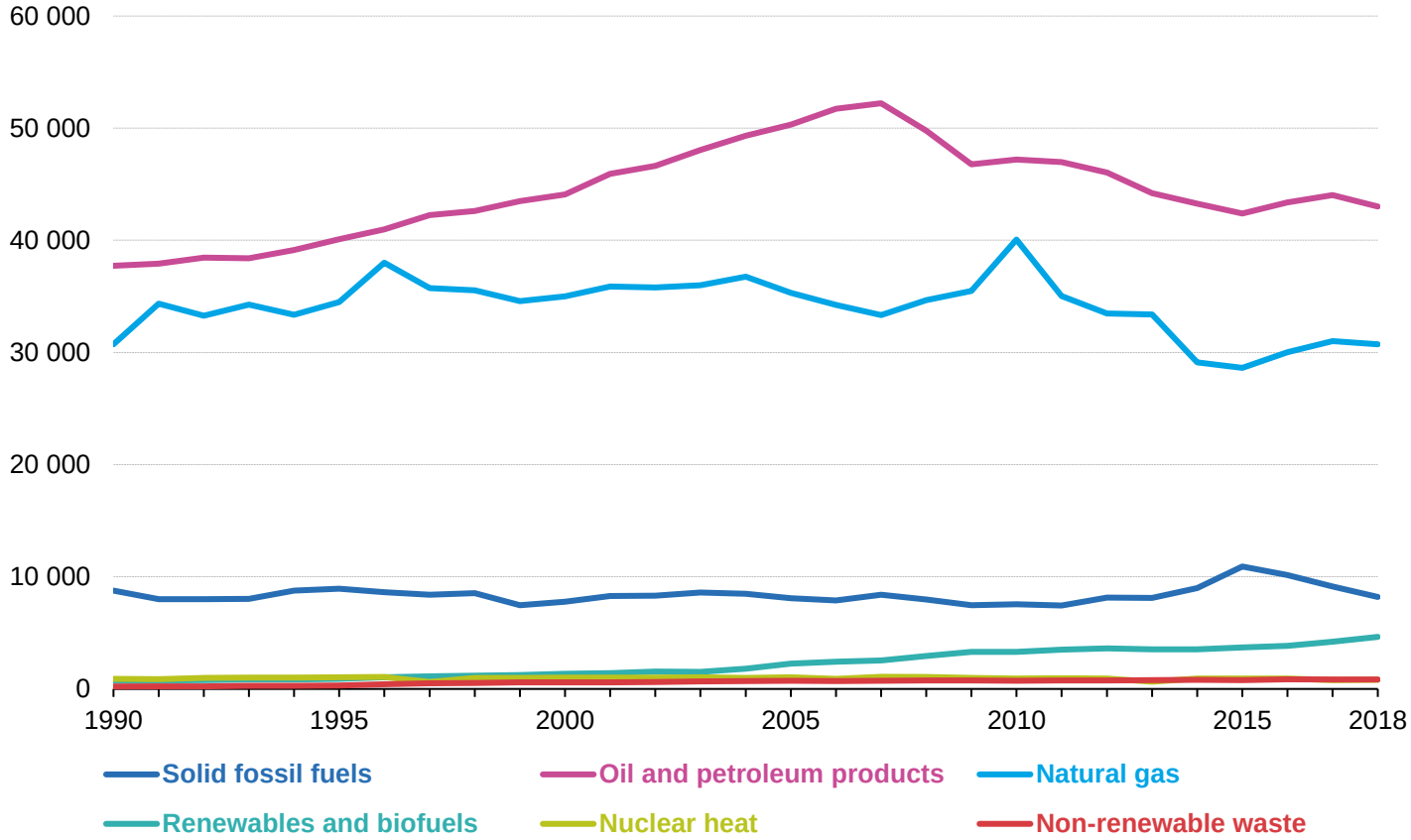
Netherlands	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	100 014	95 478	94 436	92 240	87 934	88 126	89 606	90 508	89 098
Solid fossil fuels	7 541	7 439	8 152	8 125	9 007	10 915	10 146	9 148	8 212
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	62 189	59 992	59 696	57 314	58 280	61 723	62 668	62 628	63 306
Petroleum products	47 211	46 979	46 040	44 197	43 276	42 381	43 388	44 046	43 021
Natural gas	40 066	35 043	33 486	33 381	29 103	28 629	30 033	31 026	30 741
Nuclear heat	917	959	920	656	941	937	916	790	812
Renewable energies	3 315	3 515	3 621	3 517	3 520	3 714	3 841	4 204	4 641
Non-renewable wastes	725	760	747	795	819	797	860	856	852
Primary production	71 123	66 393	66 089	69 752	60 261	47 918	46 093	41 790	36 588
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	1 636	1 642	1 691	1 735	2 088	2 065	1 619	1 515	1 527
Natural gas	64 717	59 757	58 816	62 257	51 923	39 447	38 083	33 130	27 773
Nuclear heat	917	959	920	656	941	937	916	790	812
Renewable energies	3 128	3 289	3 991	4 450	4 633	4 821	4 799	5 539	5 654
Non-renewable wastes	725	746	671	654	677	647	676	678	689
Net imports	28 283	28 029	28 931	21 896	27 214	42 719	41 173	46 941	53 172
Solid fossil fuels	7 645	7 507	8 065	7 930	9 240	10 535	10 100	9 223	8 195
Crude oil	51 589	49 910	50 518	47 567	47 797	52 977	55 065	53 452	54 942
Gas/Diesel Oil (w/o bio)	-12 689	-12 930	-11 395	-11 973	-12 745	-10 684	-11 617	-12 804	-11 516
Motor Gasoline (w/o bio)	-7 070	-4 745	-7 460	-7 853	-9 615	-11 197	-9 908	-9 554	-15 677
Naphtha	2 802	628	4 806	3 259	3 974	3 666	3 361	4 408	8 833
LPG	404	568	-1	1 226	1 938	2 144	1 367	1 253	1 934
All other oil & petroleum products	44 483	43 339	45 074	42 112	39 532	42 895	41 260	39 835	40 391
Natural gas	-24 209	-23 880	-25 439	-29 020	-21 783	-10 494	-9 850	-1 355	4 597
Transformation input	113 014	108 076	108 803	108 096	111 818	118 039	119 573	120 096	125 192
Electricity & heat generation	23 925	22 408	20 985	20 545	21 319	21 917	22 158	21 834	20 548
Refinery intake	60 612	59 333	59 213	57 576	58 627	60 978	61 877	61 257	62 314
Coke ovens	2 008	2 026	1 878	1 922	1 991	2 030	1 980	1 882	1 862
Blast furnaces	2 098	2 290	2 364	2 233	2 287	2 326	2 311	2 439	2 365
Transformation output	100 579	96 750	97 461	97 603	100 715	106 609	108 156	108 613	114 654
Electricity & heat generation	14 074	13 476	12 438	12 323	12 402	12 433	12 677	12 914	12 377
Refinery output	59 432	58 463	58 172	56 818	58 058	60 752	61 595	60 808	62 253
Coke ovens	1 881	1 862	1 757	1 815	1 850	1 881	1 853	1 814	1 816
Blast furnaces	857	886	884	851	864	877	851	884	873
Energy sector	4 907	5 283	4 977	4 993	5 021	5 233	4 988	4 791	4 846
Distribution losses	584	539	528	524	499	548	557	562	553
Available for final consumption	64 818	59 861	60 348	59 609	54 755	55 168	56 876	58 146	57 897
Solid fossil fuels	248	243	238	201	141	-14	36	109	107
Manufactured gases	459	455	444	438	437	475	474	491	501
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	7 919	7 943	7 536	7 678	6 932	6 857	6 795	6 872	6 858
Motor Gasoline (w/o bio)	4 048	4 100	3 920	3 823	3 894	3 782	3 906	3 967	4 014
Naphtha	5 550	4 794	5 970	4 589	3 730	3 901	4 974	5 685	5 208
LPG	1 459	1 605	1 227	2 006	2 566	2 749	2 267	2 022	2 341
All other oil & petroleum products	26 275	24 957	24 894	24 219	23 062	23 337	24 349	24 915	24 395
Natural gas	24 544	20 937	21 757	21 838	18 269	18 976	19 645	19 973	19 843
Primary solid biofuels & charcoal	519	533	537	543	585	597	603	649	655
Liquid biofuels	243	322	335	320	375	321	257	332	601
All other renewable energies	1 020	1 120	1 159	1 184	1 315	1 310	1 264	1 413	1 754
Non-renewable wastes	58	50	41	41	41	36	34	32	39
Electricity	9 236	9 282	9 159	9 020	8 849	8 881	8 988	9 098	9 253
Heat	2 979	2 817	2 656	2 668	2 641	2 169	2 086	2 116	2 005
Statistical difference	-302	-368	-443	-340	-497	-1 056	-454	-312	145
Final non-energy consumption	14 370	13 428	13 769	12 790	12 560	12 234	12 755	13 545	12 819
Final energy consumption	50 750	46 801	47 022	47 160	42 692	43 991	44 575	44 914	44 933
Industry	14 419	13 868	13 680	13 502	13 237	13 384	13 733	13 852	13 691
Transport	11 657	11 786	11 278	10 985	10 262	10 380	10 399	10 616	10 832
Other sectors	24 675	21 147	22 063	22 674	19 193	20 227	20 443	20 446	20 411
Services	7 847	6 989	7 239	7 268	6 412	6 801	6 694	6 933	6 895
Households	12 480	10 281	10 867	11 413	9 117	9 547	9 839	9 627	9 646

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	86 089	80 480	80 515	79 000	74 876	76 045	77 584	78 675	77 547
Primary energy consumption	71 719	67 053	66 747	66 210	62 316	63 811	64 829	65 130	64 727
Final energy consumption	55 336	51 676	51 822	51 922	47 612	49 107	49 781	50 300	50 271

Source: Eurostat (nrg_bal_c)

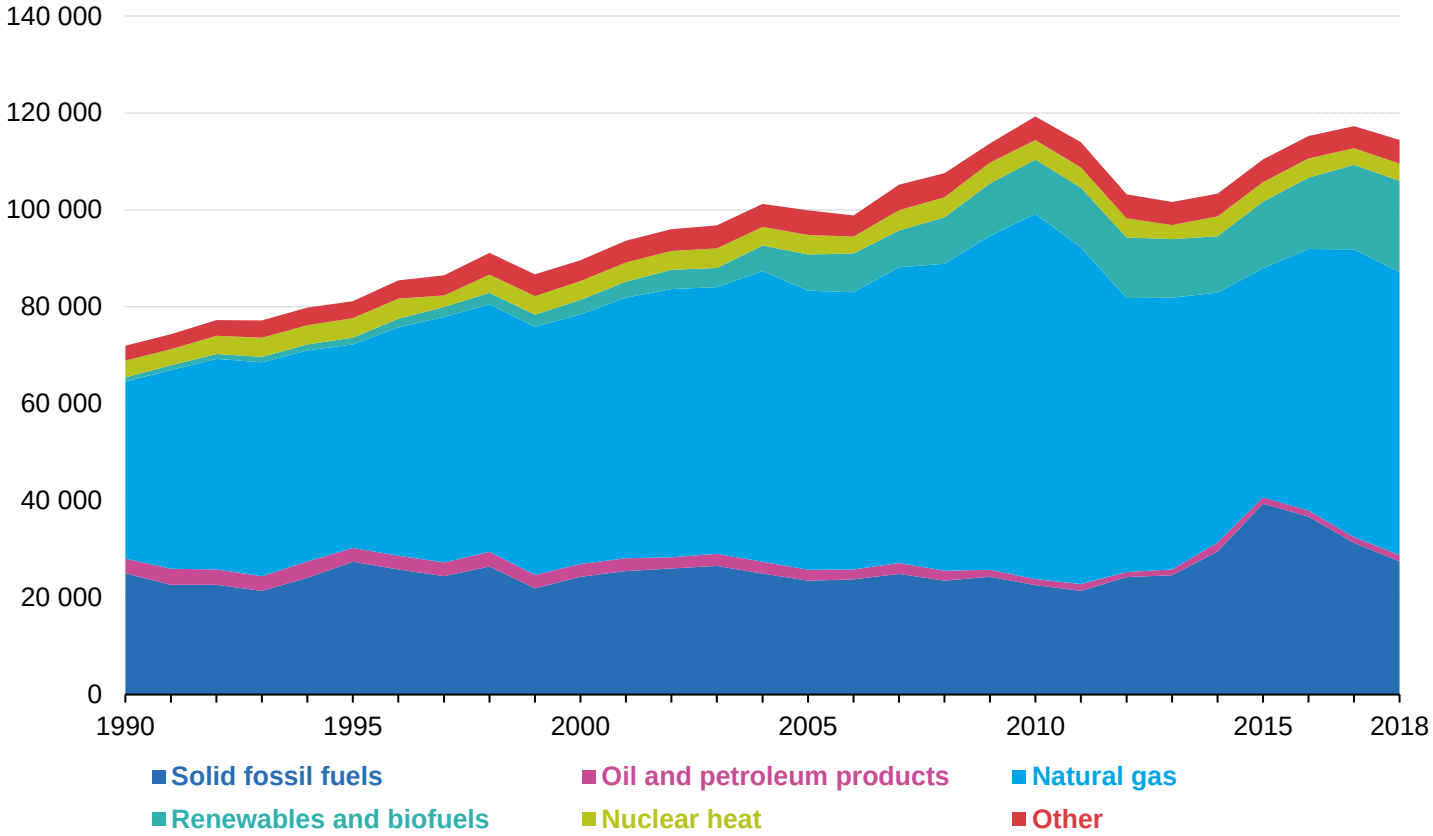
Netherlands

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

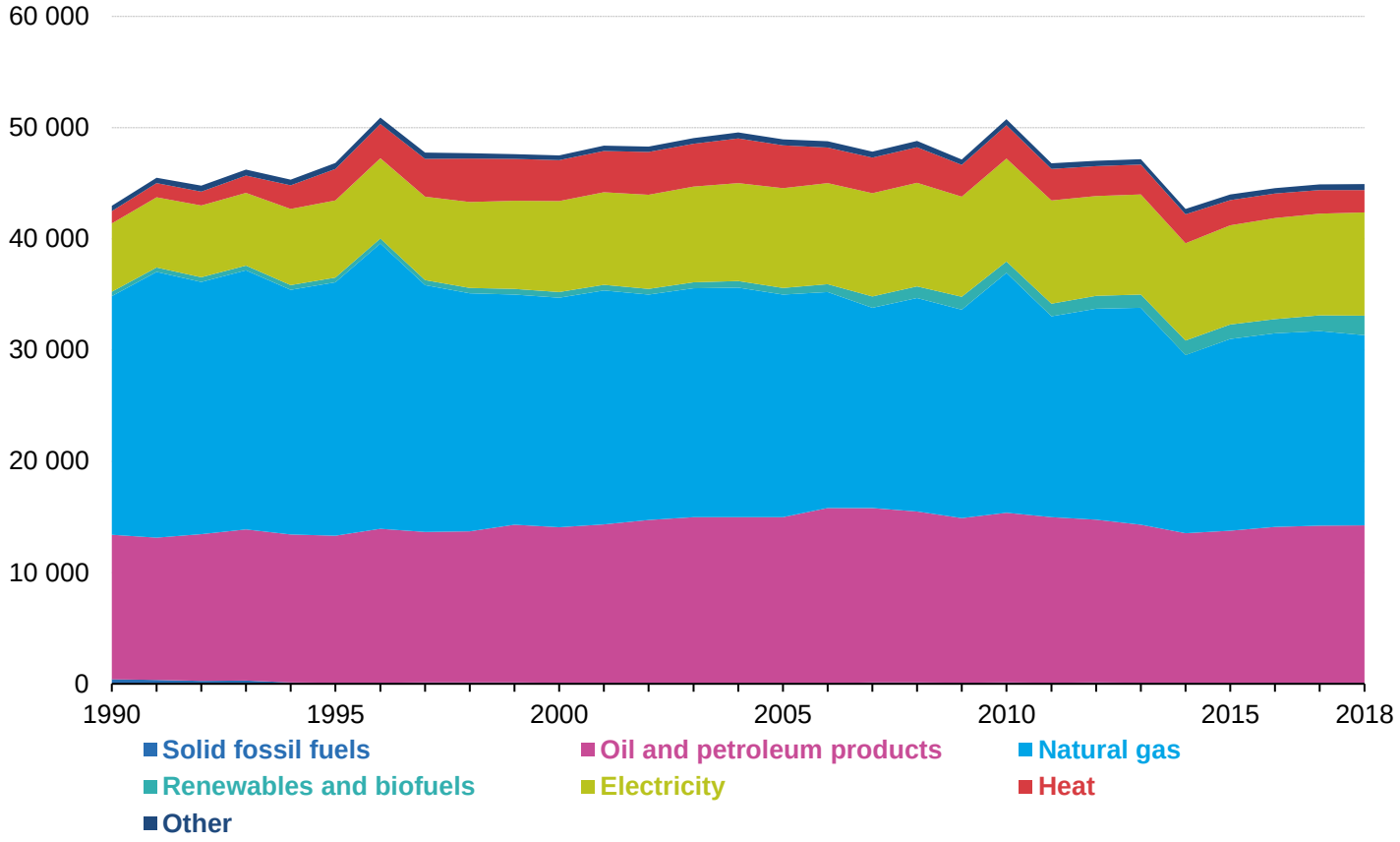


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

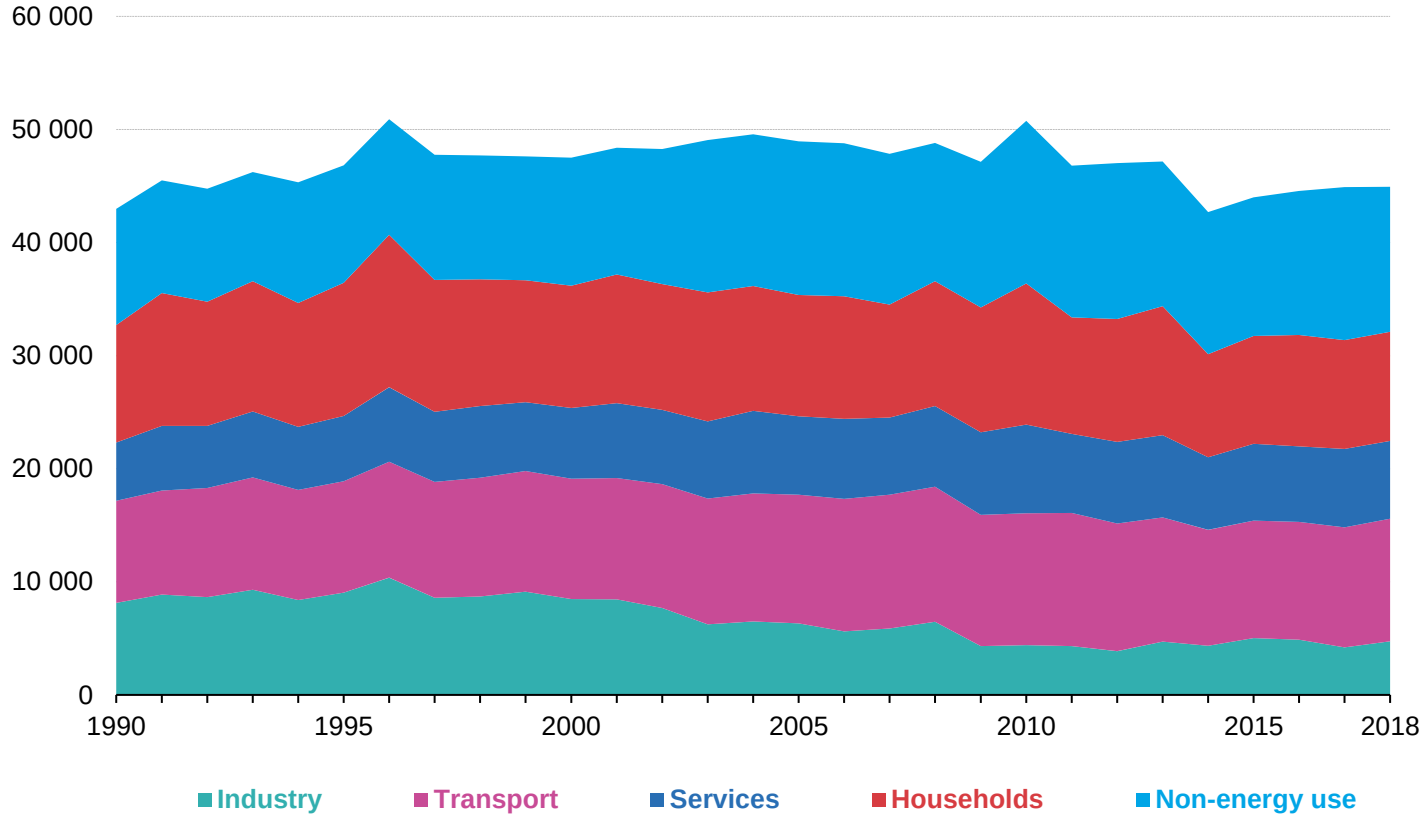
Netherlands

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	101 630	103 357	110 380	115 212	117 263	114 468	121 352 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	24 614	29 485	39 375	36 720	31 276	27 470	17 455 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	24 614	29 485	39 375	36 720	31 276	27 470	17 455 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	56 070	51 522	47 273	53 896	59 394	58 359	71 241 P
Coke oven gas	247	189	179	151	187	194	192 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	2 678	2 746	2 677	2 585	2 569	2 634	2 359 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	58 995	54 457	50 129	56 632	62 150	61 187	73 792 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	1 063	1 260	1 223	1 213	1 129	1 250	1 337 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	96	321	106	64	55	54	67 P
Fuel oil	0	2	1	0	0	0	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	44	323	0	0	0	0	0 P
Sub-total	1 203	1 906	1 330	1 278	1 185	1 303	1 404 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	114	112	93	100	61	72	74 P
Geothermal	0	0	0	0	0	0	0 P
Wind	5 627	5 797	7 550	8 170	10 569	10 564	11 508 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	410	725	1 109	1 602	2 208	3 693	5 159 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	2 899	2 099	1 901	1 907	1 772	1 496	2 823 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	980	1 005	1 036	993	923	887	876 P
Renewable municipal waste	2 076	1 909	1 997	2 005	1 904	2 172	1 919 P
Sub-total	12 106	11 648	13 685	14 777	17 437	18 884	22 360 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	112 P
Non-renewable municipal waste	1 698	1 626	1 634	1 708	1 688	2 005	1 772 P
Sub-total	1 698	1 626	1 634	1 708	1 688	2 005	1 884 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	2 891	4 091	4 077	3 960	3 402	3 515	3 910 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	123	145	150	138	126	103	547 P
Sub-total	3 014	4 236	4 227	4 098	3 529	3 618	4 457 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	63	35	37	40	49	50	50 P
Coking coal	4 074	4 311	4 464	4 354	4 394	4 267	4 254 P
Other bituminous coal	8 834	10 264	13 476	12 084	10 240	8 765	5 876 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	24	31	36	35	48	40	7 P
Coke oven coke	2 025	2 004	1 963	1 978	1 980	1 975	1 934 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	45	25	17	40	42	38	38 P
Coal tar	110	51	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	1 557 147	1 359 093	1 336 003	1 401 601	1 448 108	1 434 689	1 497 162 P
Coke oven gas	17 570	18 096	19 222	18 370	18 839	18 161	17 657 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	35 637	36 188	36 702	35 631	37 019	36 545	34 062 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	54 973	54 654	59 568	60 996	60 304	61 525	63 261 P
Refinery intake	55 837	56 906	59 586	60 491	60 007	61 088	62 095 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	88 067	85 347	94 612	93 249	90 598	87 701	83 816 P
Export	100 966	100 197	111 594	113 113	111 473	109 511	105 903 P
Total refinery output	55 381	56 579	59 091	60 098	59 664	60 916	61 863 P
Gas oil and diesel oil	20 255	20 716	22 067	19 096	19 148	18 441	20 550 P
Motor gasoline	6 324	6 334	5 419	3 902	2 951	3 937	3 997 P
Fuel oil	8 443	8 501	8 401	11 961	11 684	11 077	8 909 P
Naphtha	7 644	7 144	8 567	10 159	10 993	11 572	11 445 P
Kerosene-type jet fuel	6 422	6 942	7 413	7 491	7 590	8 888	8 759 P
All other oil products	6 293	6 942	7 224	7 489	7 299	7 001	8 204 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	51 714	46 549	46 598	48 156	49 976	50 059	67 644 P
Charcoal [kt]	9	9	9	9	9	9	9 P
Biogases [TJ]	12 777	13 094	13 693	13 339	13 432	13 655	14 723 P
Pure biogasoline [kt]	195	180	228	204	225	272	345 P
Pure biodiesels [kt]	347	285	245	129	449	686	655 P
Other liquid biofuels [kt]	0	0	0	0	0	61	57 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	40 689	40 265	40 770	42 282	40 415	38 657	36 648 P
Non-renewable municipal waste	33 291	34 301	33 358	36 018	35 840	35 683	33 829 P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	993	1 502	2 448	2 844	3 047	3 731	5 564 P
Solar thermal	1 106	1 128	1 137	1 147	1 139	1 156	1 176 P
Ambinet heat (heat pumps)	4 377	4 996	5 653	6 491	7 610	9 051	10 809 P

Source: Eurostat (nrg_cb_rw)

Austria ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	11 994.2	0.0	Z	0.0	0.0	698.6	859.1	9 783.8	648.2	0.0	4.5	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	31 698.6	2 712.0	0.0	0.0	0.0	14 825.2	10 821.2	926.1	0.0	Z	0.0	2 414.1
- Exports	9 852.0	38.3	0.0	0.0	0.0	3 080.9	4 330.3	757.8	0.0	Z	0.0	1 644.8
+ Change in stock	159.8	49.4	0.0	0.0	0.0	52.1	44.7	13.6	0.0	Z	Z	Z
= Gross available energy	**34 000.6**	**2 723.2**	**0.0**	**0.0**	**0.0**	**12 495.1**	**7 394.7**	**9 965.7**	**648.2**	**0.0**	**4.5**	**769.3**
- International maritime bunkers	13.6	0.0	0.0	0.0	0.0	13.6	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**33 987.1**	**2 723.2**	**0.0**	**0.0**	**0.0**	**12 481.5**	**7 394.7**	**9 965.7**	**648.2**	**0.0**	**4.5**	**769.3**
- International aviation	830.6	Z	Z	Z	Z	830.6	Z	0.0	Z	Z	Z	Z
= Total energy supply	**33 156.4**	**2 723.2**	**0.0**	**0.0**	**0.0**	**11 650.9**	**7 394.7**	**9 965.7**	**648.2**	**0.0**	**4.5**	**769.3**
Transformation input	**22 737.3**	**3 283.4**	**413.7**	**0.0**	**0.0**	**9 936.0**	**2 178.8**	**6 117.0**	**360.2**	**0.0**	**6.7**	**441.5**
+ Electricity & heat generation	9 947.0	402.7	413.7	0.0	0.0	266.9	2 178.8	5 876.5	360.2	0.0	6.7	441.5
+ Coke ovens	1 214.3	1 214.3	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	1 666.4	1 666.4	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	9 669.1	Z	Z	Z	Z	9 669.1	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	238.1	Z	Z	Z	Z	Z	Z	238.1	Z	Z	Z	Z
+ Charcoal production plants	2.4	Z	Z	Z	Z	Z	Z	2.4	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**19 424.1**	**915.1**	**905.7**	**0.0**	**Z**	**9 480.9**	**0.0**	**239.1**	**Z**	**Z**	**1 984.9**	**5 898.3**
+ Electricity & heat generation	7 883.2	Z	Z	Z	Z	Z	Z	Z	Z	Z	1 984.9	5 898.3
+ Coke ovens	1 137.0	915.1	221.9	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	683.9	0.0	683.9	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	9 480.9	Z	Z	Z	Z	9 480.9	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	238.1	Z	Z	Z	Z	Z	Z	238.1	Z	Z	Z	Z
+ Charcoal production plants	1.0	Z	Z	Z	Z	Z	Z	1.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**1 349.3**	**1.4**	**386.3**	**0.0**	**0.0**	**223.2**	**218.9**	**0.0**	**14.3**	**Z**	**0.0**	**505.3**
+ Own use in electricity & heat genera	299.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	299.0
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	115.4	Z	Z	Z	Z	0.0	83.0	0.0	Z	Z	0.0	32.3
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	55.6	0.0	45.8	0.0	0.0	0.0	7.2	0.0	0.0	Z	0.0	2.6
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	510.7	1.4	340.5	0.0	0.0	0.0	53.7	0.0	14.3	Z	0.0	100.9
+ Petroleum refineries (oil refineries)	368.6	0.0	0.0	0.0	0.0	223.2	74.9	0.0	0.0	Z	0.0	70.5
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Distribution losses	**610.9**	**0.0**	**17.6**	**0.0**	**0.0**	**0.0**	**2.5**	**0.0**	**0.0**	**Z**	**293.3**	**297.4**
Available for final consumption	**27 883.1**	**353.5**	**88.1**	**0.0**	**0.0**	**10 972.7**	**4 994.4**	**4 087.8**	**273.8**	**0.0**	**1 689.4**	**5 423.4**
Final non-energy consumption	**1 848.4**	**25.1**	**0.0**	**0.0**	**0.0**	**1 546.9**	**276.3**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**26 035.9**	**329.2**	**88.1**	**0.0**	**0.0**	**9 426.2**	**4 718.1**	**4 087.8**	**273.8**	**Z**	**1 689.4**	**5 423.4**
+ Industry	7 717.1	308.7	88.1	0.0	0.0	334.4	2 760.7	1 222.4	273.8	Z	263.7	2 465.2
+ Iron & steel	878.7	135.6	88.1	0.0	0.0	1.3	430.1	1.5	0.0	Z	7.1	215.0
+ Chemical & petrochemical	1 043.6	21.7	0.0	0.0	0.0	9.7	443.0	46.1	63.2	Z	61.5	398.5
+ Non-ferrous metals	233.7	2.4	0.0	0.0	0.0	2.3	134.4	1.3	0.1	Z	2.0	91.2
+ Non-metallic minerals	929.0	57.6	0.0	0.0	0.0	44.6	371.4	56.2	186.9	Z	1.3	210.9
+ Transport equipment	148.2	0.0	0.0	0.0	0.0	3.1	41.8	1.1	0.0	Z	19.6	82.6
+ Machinery	585.0	0.0	0.0	0.0	0.0	26.7	164.2	8.2	0.0	Z	30.8	355.1
+ Mining & quarrying	358.9	0.0	0.0	0.0	0.0	9.0	178.3	0.7	0.0	Z	0.0	170.8
+ Food, beverages & tobacco	522.4	3.1	0.0	0.0	0.0	11.0	287.9	11.6	0.1	Z	30.9	177.8
+ Paper, pulp & printing	1 805.3	88.4	0.0	0.0	0.0	3.7	538.4	736.5	4.7	Z	18.5	415.1
+ Wood & wood products	640.5	0.0	0.0	0.0	0.0	6.5	61.9	324.5	16.4	Z	74.5	156.6
+ Construction	316.9	0.0	0.0	0.0	0.0	212.5	34.7	18.1	0.2	Z	4.9	46.4
+ Textile & leather	62.6	0.0	0.0	0.0	0.0	0.8	34.0	0.2	0.0	Z	0.5	27.0
+ Not elsewhere specified (industry)	184.9	0.0	0.0	0.0	0.0	3.2	40.7	8.8	2.1	Z	12.1	118.0
+ Transport	8 780.4	0.1	0.0	0.0	0.0	7 756.7	269.9	472.2	0.0	Z	Z	281.4
+ Rail	207.4	0.1	0.0	0.0	0.0	31.6	Z	1.9	0.0	Z	Z	173.8
+ Road	8 178.4	Z	Z	Z	Z	7 690.2	16.6	470.4	0.0	Z	Z	1.3
+ Domestic aviation	31.2	Z	Z	Z	Z	31.2	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	3.8	0.0	0.0	0.0	0.0	3.8	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	274.2	Z	Z	Z	Z	0.0	253.3	0.0	Z	Z	Z	20.9
+ Not elsewhere specified (transport	85.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	85.5
+ Other	9 538.3	20.4	0.0	0.0	0.0	1 335.0	1 687.4	2 393.2	0.0	Z	1 425.6	2 676.8
+ Commercial & public services	2 514.7	0.0	0.0	0.0	0.0	188.1	314.3	308.2	0.0	Z	650.3	1 053.6
+ Households	6 492.0	19.8	0.0	0.0	0.0	925.8	1 351.3	1 907.8	0.0	Z	764.5	1 522.9
+ Agriculture & forestry	529.2	0.6	0.0	0.0	0.0	221.0	21.8	174.7	0.0	Z	10.8	100.3
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	2.5	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	Z	0.0	0.0
Statistical differences	**-1.2**	**-0.8**	**0.0**	**0.0**	**0.0**	**-0.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	5 897.2	155.2	156.0	0.0	0.0	61.6	852.8	4 610.0	61.6	0.0	Z	Z
Gross heat production	1 982.7	69.2	9.5	0.0	0.0	75.6	728.9	959.4	140.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

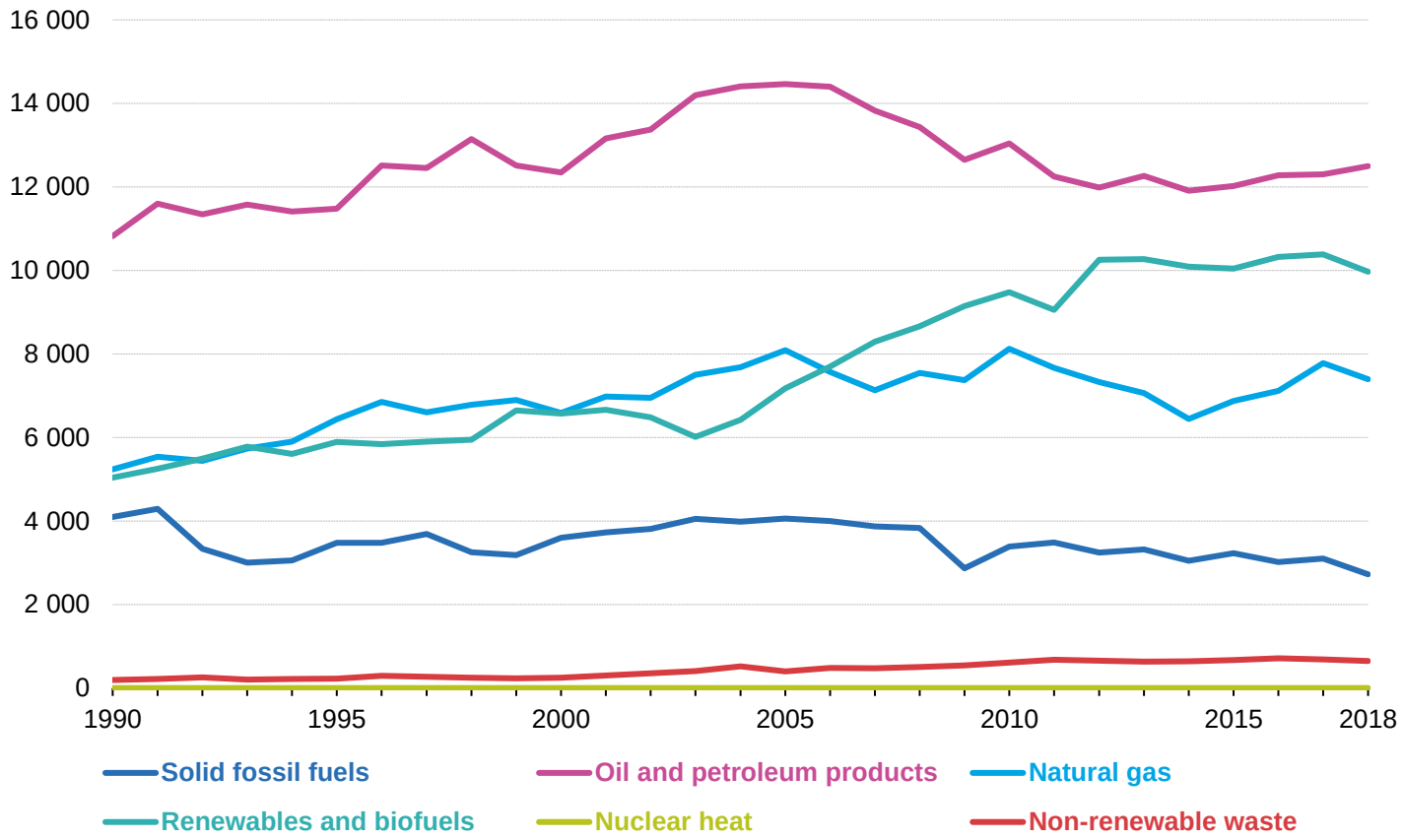
Austria	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	34 855	33 839	33 711	34 179	32 935	33 700	34 065	34 819	34 001
Solid fossil fuels	3 384	3 482	3 245	3 317	3 050	3 225	3 014	3 104	2 723
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	8 088	8 666	8 722	8 827	8 848	8 972	8 677	8 448	9 166
Petroleum products	13 040	12 245	11 986	12 265	11 907	12 022	12 278	12 304	12 495
Natural gas	8 123	7 667	7 327	7 061	6 444	6 872	7 118	7 776	7 395
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	9 479	9 057	10 255	10 273	10 090	10 044	10 322	10 384	9 966
Non-renewable wastes	613	678	653	633	641	666	712	683	648
Primary production	12 116	11 442	12 829	12 435	12 336	12 222	12 537	12 635	11 994
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	1 053	835	933	886	991	888	804	746	699
Natural gas	1 397	1 377	1 480	1 190	1 081	1 032	965	1 043	859
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	9 047	8 547	9 759	9 721	9 618	9 631	10 050	10 177	9 784
Non-renewable wastes	613	678	653	633	641	666	712	665	648
Net imports	21 884	23 679	21 519	20 913	21 590	20 341	21 128	22 261	21 847
Solid fossil fuels	3 372	3 120	3 335	3 121	3 103	2 804	2 863	3 104	2 674
Crude oil	6 898	7 403	7 585	7 895	7 624	8 201	7 443	7 328	8 459
Gas/Diesel Oil (w/o bio)	4 143	3 497	3 243	3 496	3 297	3 480	4 028	3 949	3 864
Motor Gasoline (w/o bio)	240	189	85	-22	-99	-149	-73	-110	-328
Naphtha	0	-124	-206	-203	-183	-165	-172	-163	-207
LPG	114	68	65	42	47	-31	-16	-1	-26
All other oil & petroleum products	11 789	11 303	11 056	11 337	10 885	11 281	11 272	11 346	11 744
Natural gas	6 115	7 998	6 396	5 275	6 333	4 989	6 106	7 016	6 491
Transformation input	22 528	22 810	23 288	22 965	22 346	23 087	22 372	23 224	22 737
Electricity & heat generation	10 640	10 161	10 700	10 135	9 589	9 755	9 917	10 549	9 947
Refinery intake	8 302	9 022	9 031	9 152	9 132	9 408	8 850	8 776	9 418
Coke ovens	1 281	1 240	1 249	1 240	1 228	1 227	1 243	1 229	1 214
Blast furnaces	1 855	1 809	1 734	1 847	1 840	1 981	1 934	2 096	1 666
Transformation output	18 602	19 053	19 731	19 544	19 074	19 508	18 922	19 396	19 424
Electricity & heat generation	7 997	7 544	8 251	7 925	7 534	7 592	7 911	8 250	7 883
Refinery output	8 144	8 918	8 934	8 988	8 974	9 219	8 621	8 553	9 229
Coke ovens	1 223	1 191	1 186	1 199	1 178	1 182	1 183	1 182	1 137
Blast furnaces	791	825	787	844	832	803	779	838	684
Energy sector	1 857	1 982	1 813	1 785	1 771	1 523	1 313	1 435	1 349
Distribution losses	616	634	640	642	601	638	615	633	611
Available for final consumption	27 766	26 746	27 000	27 660	26 622	27 241	27 903	28 165	27 883
Solid fossil fuels	380	367	372	382	377	373	376	362	353
Manufactured gases	100	97	90	95	83	81	100	105	88
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	7 406	7 032	6 943	7 301	7 054	7 237	7 455	7 721	7 679
Motor Gasoline (w/o bio)	1 767	1 635	1 588	1 557	1 527	1 542	1 524	1 507	1 543
Naphtha	800	706	914	916	895	882	896	726	926
LPG	177	150	135	108	112	101	88	92	91
All other oil & petroleum products	11 093	10 455	10 424	10 688	10 385	10 520	10 784	10 803	10 973
Natural gas	5 115	4 866	4 855	5 012	4 660	4 857	5 037	5 120	4 994
Primary solid biofuels & charcoal	3 229	3 079	3 180	3 290	2 987	3 069	3 178	3 239	3 016
Liquid biofuels	532	535	527	531	624	683	570	506	499
All other renewable energies	4 118	3 990	4 120	4 260	4 083	4 252	4 272	4 302	4 088
Non-renewable wastes	228	245	232	229	239	237	267	265	274
Electricity	5 145	5 141	5 212	5 261	5 176	5 261	5 334	5 408	5 423
Heat	1 587	1 584	1 695	1 733	1 619	1 660	1 732	1 801	1 689
Statistical difference	0	-1	2	1	1	1	-1	1	-1
Final non-energy consumption	1 810	1 670	1 852	1 824	1 879	1 801	1 863	1 682	1 848
Final energy consumption	25 956	25 077	25 147	25 835	24 742	25 439	26 041	26 481	26 036
Industry	7 571	7 600	7 637	7 571	7 321	7 354	7 612	7 635	7 717
Transport	8 162	7 873	7 791	8 293	8 225	8 457	8 592	8 721	8 780
Other sectors	10 223	9 604	9 719	9 971	9 195	9 628	9 837	10 126	9 538
Services	2 620	2 536	2 514	2 474	2 422	2 466	2 404	2 622	2 515
Households	7 070	6 550	6 679	6 948	6 245	6 619	6 884	6 948	6 492

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	34 669	33 641	33 495	33 940	32 677	33 420	33 762	34 491	33 649
Primary energy consumption	32 859	31 971	31 643	32 116	30 798	31 619	31 900	32 809	31 801
Final energy consumption	28 057	27 211	27 211	27 954	26 816	27 509	28 117	28 614	27 911

Source: Eurostat (nrg_bal_c)

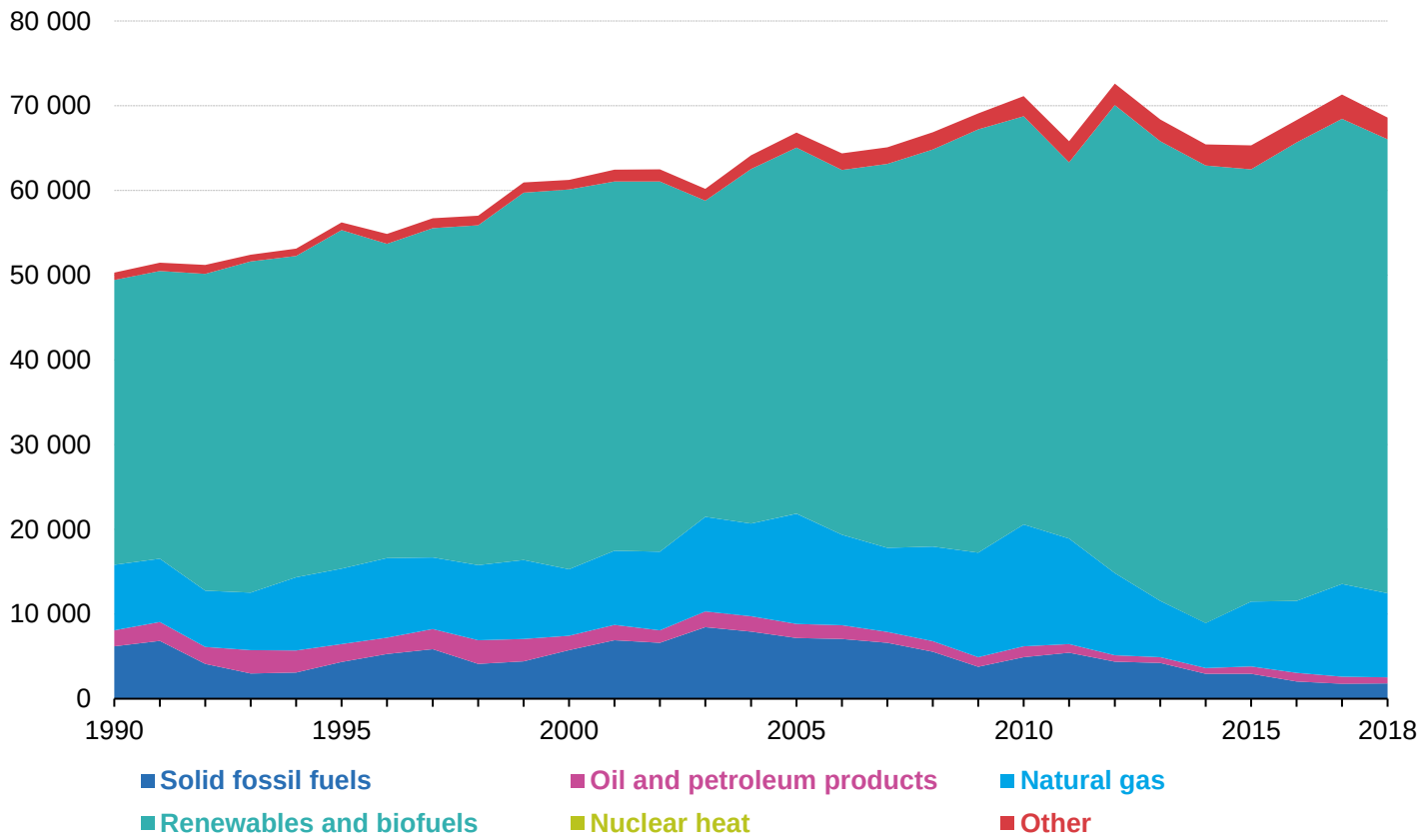
Austria

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

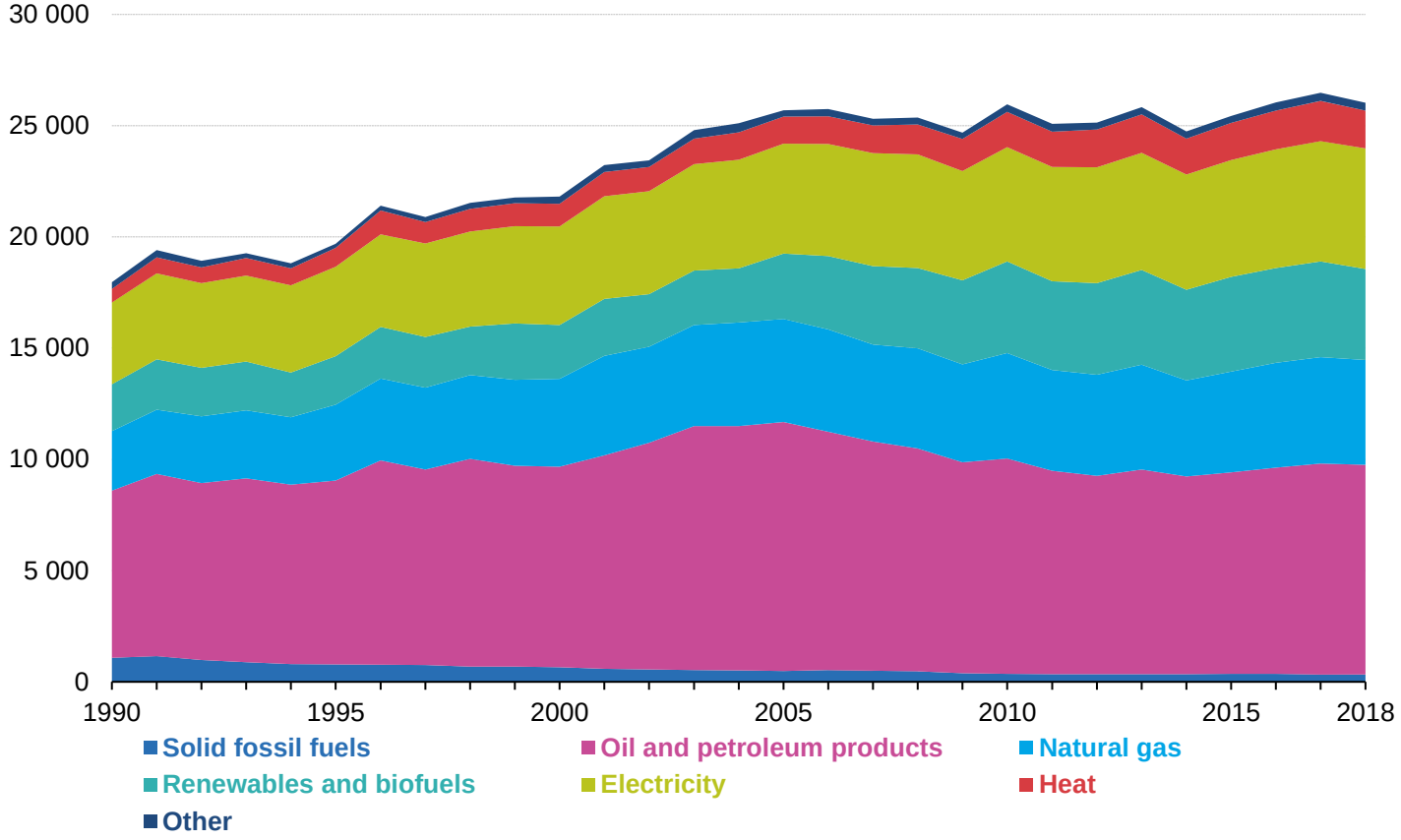


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

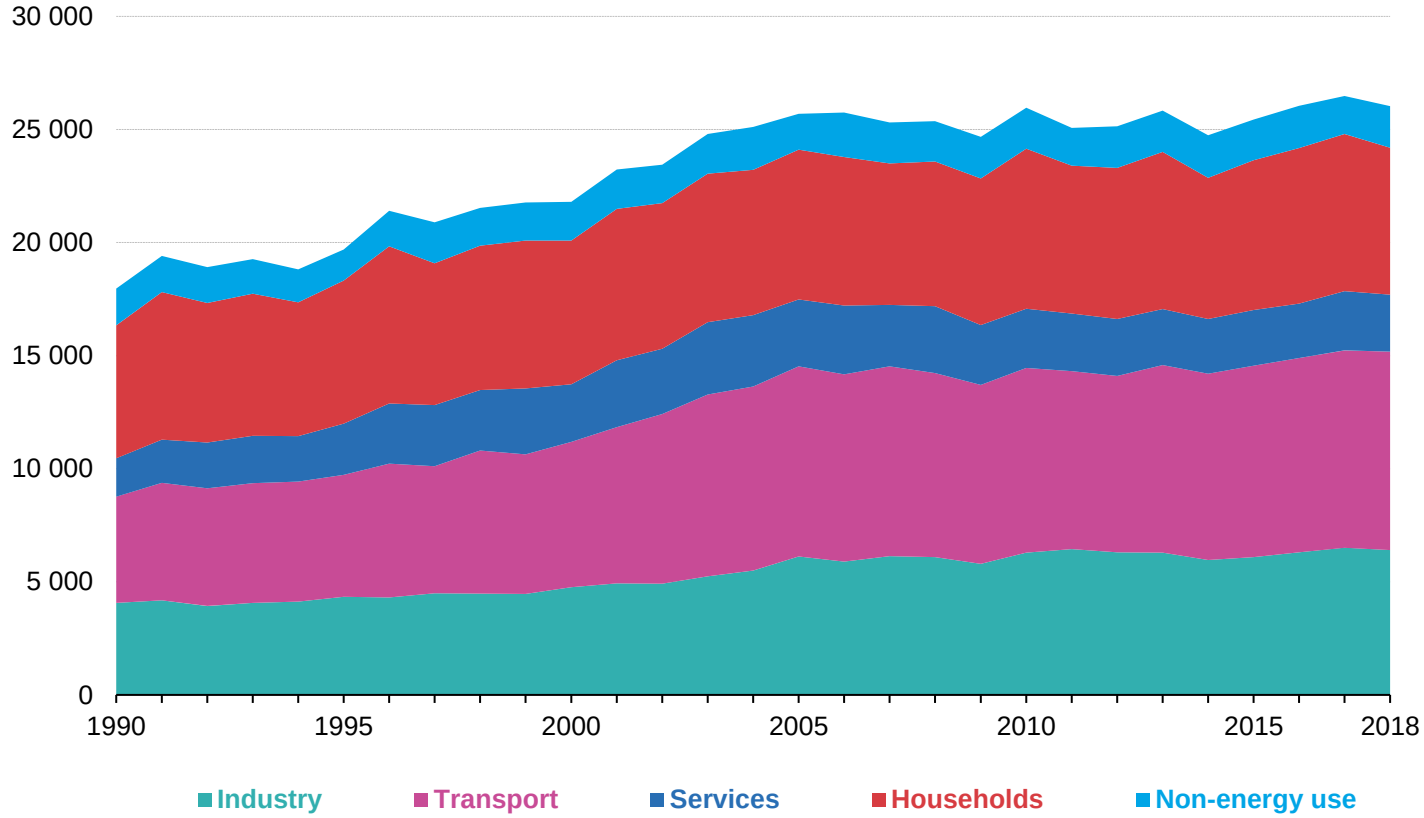
Austria

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	68 357	65 439	65 299	68 309	71 324	68 597	74 234 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	4 212	2 935	2 954	2 043	1 758	1 805	1 499 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	4 212	2 935	2 954	2 043	1 758	1 805	1 499 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	6 650	5 321	7 664	8 488	10 914	9 918	11 321 P
Coke oven gas	208	281	452	361	362	320	306 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	1 402	1 376	1 358	1 288	1 475	1 251	1 418 P
Other recovered gases	304	276	296	278	319	244	191 P
Sub-total	8 564	7 254	9 770	10 415	13 070	11 732	13 235 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	56	76	89	401	344	375	175 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	3	4	3	1	3	3	3 P
Fuel oil	636	585	772	598	506	338	516 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	695	665	863	1 000	853	716	694 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	45 778	44 834	40 592	43 008	42 175	41 216	44 223 P
Geothermal	0	0	0	0	0	0	0 P
Wind	3 152	3 846	4 840	5 235	6 572	6 030	7 421 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	626	785	937	1 096	1 269	1 438	1 702 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	3 818	3 603	3 712	3 784	3 935	3 966	3 688 P
Liquid biofuels	0	0	0	1	0	0	0 P
Biogases	623	613	634	666	670	628	612 P
Renewable municipal waste	255	331	302	330	316	336	358 P
Sub-total	54 253	54 013	51 017	54 120	54 937	53 614	58 005 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	267	191	215	207	215	203	268 P
Non-renewable municipal waste	352	367	465	509	480	513	520 P
Sub-total	619	558	680	716	695	716	788 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	14	13	15	15	13	13	13 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	14	13	15	15	13	13	13 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	2	2	5	70	80	62	57 P
Coking coal	1 786	1 767	1 731	1 816	1 764	1 745	1 758 P
Other bituminous coal	1 692	1 338	1 912	1 645	1 531	1 409	1 335 P
Sub-bituminous coal	74	86	82	70	66	70	66 P
Lignite	10	6	12	9	10	10	6 P
Coke oven coke	2 626	2 534	2 343	2 260	2 530	2 083	2 321 P
Patent fuel	13	9	7	4	4	28	2 P
Brown coal briquettes	15	14	10	9	13	12	17 P
Coal tar	88	88	2	3	2	2	11 P
Peat	1	1	1	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	328 455	299 794	319 664	331 112	361 760	344 000	356 734 P
Coke oven gas	10 323	10 087	10 337	9 954	10 154	10 321	11 587 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	31 178	30 847	29 601	28 812	30 765	25 239	27 616 P
Other recovered gases	4 156	3 971	4 025	3 819	4 317	3 393	3 725 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	7 861	7 763	8 172	7 536	7 514	8 434	8 816 P
Refinery intake	9 023	8 999	9 276	8 722	8 653	9 281	9 642 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	6 121	5 910	6 013	6 594	6 692	6 572	6 516 P
Export	2 574	2 720	2 833	2 758	2 746	3 129	2 917 P
Total refinery output	8 911	8 920	9 137	8 552	8 496	9 165	9 555 P
Gas oil and diesel oil	3 846	3 753	3 855	3 581	3 776	3 860	3 997 P
Motor gasoline	1 549	1 773	1 721	1 671	1 692	1 928	1 971 P
Fuel oil	1 011	981	1 154	898	839	710	735 P
Naphtha	1 011	976	941	961	804	1 028	1 006 P
Kerosene-type jet fuel	654	581	648	651	613	760	893 P
All other oil products	840	856	819	791	772	879	954 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	210 489	192 870	197 007	199 380	204 030	192 925	190 348 P
Charcoal [kt]	12	12	15	15	13	15	16 P
Biogases [TJ]	8 008	12 230	12 628	12 790	13 273	9 781	8 694 P
Pure biogasoline [kt]	82	93	91	88	89	101	104 P
Pure biodiesels [kt]	306	425	488	338	252	249	274 P
Other liquid biofuels [kt]	0	1	1	1	1	1	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	6 366	7 949	7 540	8 289	7 784	7 631	7 901 P
Non-renewable municipal waste	9 355	10 141	11 807	12 880	12 067	11 809	11 895 P
Industrial waste (non-renewable)	17 158	16 702	16 092	16 943	16 538	15 330	14 870 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	1 527	1 319	1 459	1 474	1 713	1 653	971 P
Solar thermal	7 390	7 567	7 672	7 673	7 640	7 578	7 297 P
Ambinet heat (heat pumps)	8 876	9 755	10 653	11 565	12 684	13 967	16 013 P

Source: Eurostat (nrg_cb_rw)

Poland ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	61 419.9	47 010.9	Z	0.0	0.0	1 031.9	3 469.0	8 875.2	1 010.8	0.0	22.2	Z
+ Recovered & recycled products	342.8	282.7	Z	0.0	0.0	60.1	Z	0.0	Z	Z	Z	Z
+ Imports	64 184.9	12 148.5	0.0	0.0	0.0	36 872.4	13 077.5	898.6	0.0	Z	0.0	1 187.9
- Exports	16 221.8	8 096.8	0.0	0.0	0.0	6 189.6	564.9	672.1	0.0	Z	0.0	698.3
+ Change in stock	-2 671.9	-2 095.6	0.0	0.0	0.0	-701.2	142.5	-17.4	0.0	Z	Z	Z
= Gross available energy	**107 054.0**	**49 249.6**	**0.0**	**0.0**	**0.0**	**31 073.5**	**16 124.1**	**9 084.2**	**1 010.8**	**0.0**	**22.2**	**489.6**
- International maritime bunkers	270.0	0.0	0.0	0.0	0.0	270.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**106 784.0**	**49 249.6**	**0.0**	**0.0**	**0.0**	**30 803.5**	**16 124.1**	**9 084.2**	**1 010.8**	**0.0**	**22.2**	**489.6**
- International aviation	1 006.3	Z	Z	Z	Z	1 006.3	Z	0.0	Z	Z	Z	Z
= Total energy supply	**105 777.7**	**49 249.6**	**0.0**	**0.0**	**0.0**	**29 797.2**	**16 124.1**	**9 084.2**	**1 010.8**	**0.0**	**22.2**	**489.6**
Transformation input	**83 944.0**	**44 684.3**	**936.7**	**0.0**	**0.0**	**31 157.0**	**3 058.0**	**3 792.2**	**203.0**	**0.0**	**55.9**	**56.9**
+ Electricity & heat generation	40 846.8	33 847.6	936.7	0.0	0.0	398.2	2 412.5	2 936.0	203.0	0.0	55.9	56.9
+ Coke ovens	9 008.7	9 008.7	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	1 710.3	1 710.3	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	30 758.9	Z	Z	Z	Z	30 758.9	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	11.9	11.9	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	856.2	Z	Z	Z	Z	Z	Z	856.2	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	751.4	105.9	0.0	0.0	0.0	0.0	645.5	0.0	0.0	Z	Z	Z
Transformation output	**62 327.0**	**6 681.8**	**2 388.4**	**0.0**	**Z**	**30 741.7**	**0.0**	**856.2**	**Z**	**Z**	**7 038.2**	**14 620.8**
+ Electricity & heat generation	21 659.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	7 038.2	14 620.8
+ Coke ovens	8 356.0	6 673.9	1 682.1	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	706.2	0.0	706.2	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	30 096.2	Z	Z	Z	Z	30 096.2	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	7.9	7.9	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	856.2	Z	Z	Z	Z	Z	Z	856.2	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	645.4	Z	Z	Z	Z	645.4	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**6 102.9**	**110.3**	**982.4**	**0.0**	**0.0**	**834.3**	**1 219.8**	**1.5**	**0.3**	**Z**	**743.6**	**2 210.6**
+ Own use in electricity & heat genera	1 599.7	10.2	0.0	0.0	0.0	13.0	0.2	0.1	0.0	Z	305.2	1 270.8
+ Coal mines	574.4	18.4	0.0	0.0	0.0	19.6	3.3	0.8	0.0	Z	78.2	454.1
+ Oil & natural gas extraction plants	299.2	Z	Z	Z	Z	1.7	282.9	0.0	Z	Z	0.5	14.1
+ Patent fuel plants	0.9	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.8	0.1
+ Coke ovens	1 119.0	63.1	982.4	0.0	0.0	0.0	0.4	0.0	0.2	Z	8.8	64.1
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	Z	0.3	4.5
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	1 831.9	18.6	0.0	0.0	0.0	799.9	861.2	0.0	0.0	Z	6.9	145.3
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	31.5	Z	Z	Z	Z	Z	28.5	Z	Z	Z	0.0	3.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	640.8	0.0	0.0	0.0	0.0	0.0	43.3	0.0	0.0	Z	343.0	254.5
Distribution losses	**1 442.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**12.2**	**0.0**	**0.0**	**Z**	**665.7**	**764.7**
Available for final consumption	**76 615.0**	**11 136.8**	**469.2**	**0.0**	**0.0**	**28 547.5**	**11 834.1**	**6 146.6**	**807.4**	**0.0**	**5 595.1**	**12 078.1**
Final non-energy consumption	**5 644.5**	**65.2**	**0.0**	**0.0**	**0.0**	**3 580.0**	**1 999.4**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**69 982.6**	**10 708.1**	**469.2**	**0.0**	**0.0**	**24 843.2**	**9 334.7**	**6 146.6**	**807.4**	**Z**	**5 595.1**	**12 078.1**
+ Industry	16 364.3	3 035.0	469.2	0.0	0.0	751.1	3 909.5	1 718.1	802.2	Z	827.5	4 851.6
+ Iron & steel	1 923.9	264.9	377.3	0.0	0.0	5.5	597.6	0.0	0.0	Z	91.6	587.0
+ Chemical & petrochemical	2 924.6	1 215.4	14.6	0.0	0.0	304.1	362.4	3.8	17.8	Z	244.0	762.4
+ Non-ferrous metals	519.5	55.2	35.0	0.0	0.0	11.3	190.1	0.0	0.0	Z	22.4	205.5
+ Non-metallic minerals	3 107.4	585.4	40.3	0.0	0.0	92.6	1 029.8	67.0	773.3	Z	28.8	490.1
+ Transport equipment	469.0	8.3	0.0	0.0	0.0	18.5	133.8	0.1	0.1	Z	45.0	263.2
+ Machinery	801.3	28.6	0.1	0.0	0.0	31.1	239.5	1.2	0.0	Z	60.0	440.8
+ Mining & quarrying	447.8	12.1	1.9	0.0	0.0	78.0	37.6	0.2	1.7	Z	74.1	242.3
+ Food, beverages & tobacco	2 251.3	571.7	0.0	0.0	0.0	79.6	867.5	38.6	0.0	Z	61.2	632.7
+ Paper, pulp & printing	1 761.8	167.8	0.0	0.0	0.0	37.9	203.3	865.4	8.6	Z	79.1	399.7
+ Wood & wood products	1 036.4	39.2	0.0	0.0	0.0	24.4	40.7	639.6	0.0	Z	76.0	216.6
+ Construction	195.1	30.4	0.0	0.0	0.0	41.8	30.3	0.5	0.0	Z	7.6	84.7
+ Textile & leather	139.7	10.2	0.0	0.0	0.0	5.9	43.5	0.4	0.0	Z	8.8	70.9
+ Not elsewhere specified (industry)	786.4	45.9	0.0	0.0	0.0	20.4	133.3	101.2	0.8	Z	28.9	455.8
+ Transport	22 414.7	0.0	0.0	0.0	0.0	20 715.7	488.3	912.4	0.0	Z	Z	298.3
+ Rail	379.2	0.0	0.0	0.0	0.0	103.9	Z	0.0	0.0	Z	Z	275.3
+ Road	21 570.9	Z	Z	Z	Z	20 576.9	79.1	912.4	0.0	Z	Z	2.4
+ Domestic aviation	32.8	Z	Z	Z	Z	32.8	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	2.0	0.0	0.0	0.0	0.0	2.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	429.8	Z	Z	Z	Z	0.0	409.1	0.0	Z	Z	Z	20.6
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	31 203.7	7 673.2	0.0	0.0	0.0	3 376.3	4 937.0	3 516.1	5.2	Z	4 767.6	6 928.2
+ Commercial & public services	7 978.7	609.1	0.0	0.0	0.0	447.5	1 345.3	321.8	5.2	Z	998.6	4 251.2
+ Households	19 306.4	6 154.4	0.0	0.0	0.0	631.5	3 561.5	2 691.2	0.0	Z	3 749.9	2 518.0
+ Agriculture & forestry	3 918.3	909.7	0.0	0.0	0.0	2 297.3	30.3	503.1	0.0	Z	19.1	158.8
+ Fishing	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.3
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**987.9**	**363.5**	**0.0**	**0.0**	**0.0**	**124.4**	**500.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	14 610.0	11 226.4	210.2	0.0	0.0	154.8	1 086.4	1 894.6	37.7	0.0	Z	Z
Gross heat production	7 024.5	5 572.5	333.8	0.0	0.0	96.1	600.8	353.7	67.6	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

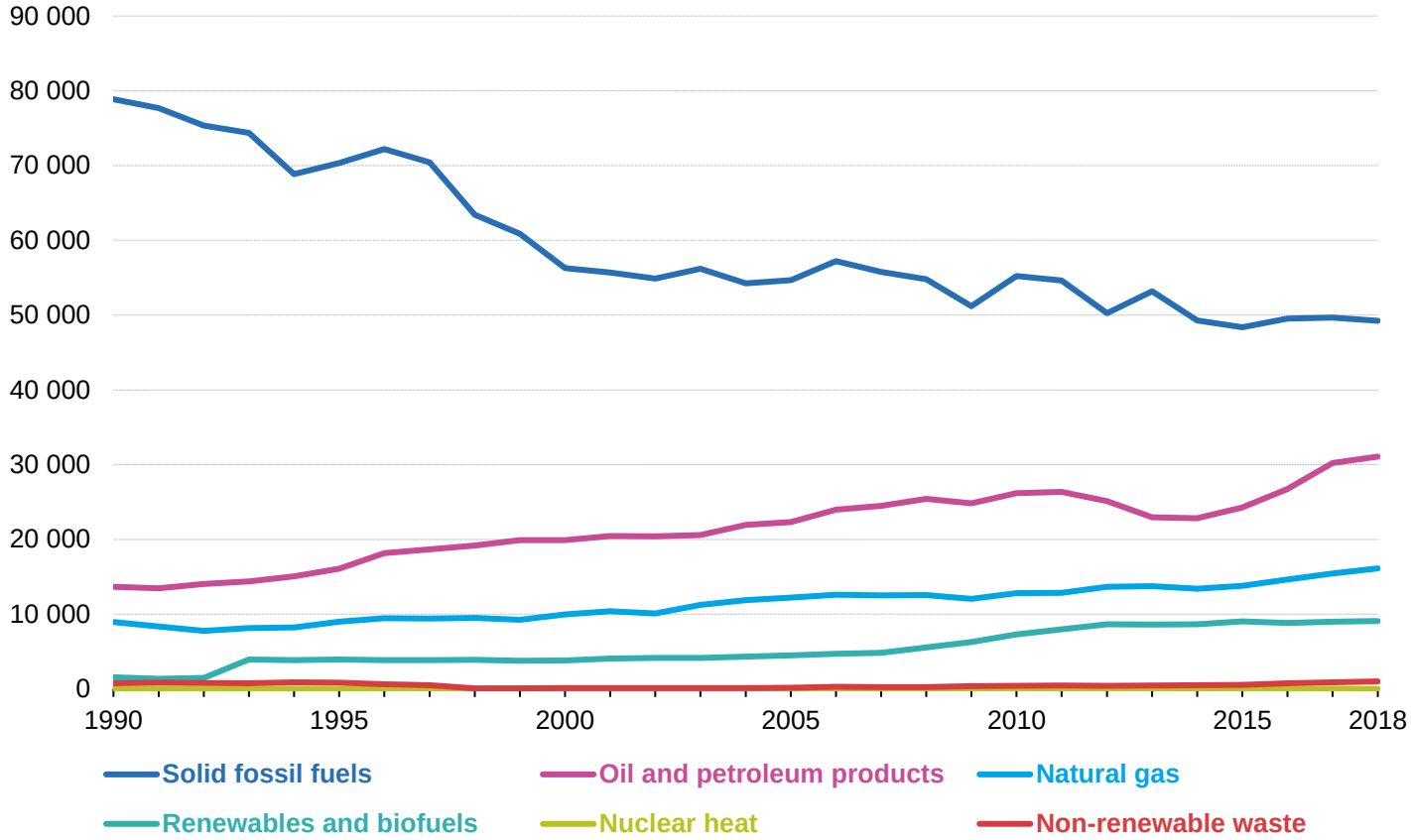
Poland	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	101 799	101 809	97 903	98 589	94 905	95 977	100 661	105 416	107 054
Solid fossil fuels	55 222	54 639	50 262	53 191	49 273	48 375	49 537	49 672	49 250
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	23 895	25 165	25 665	24 697	24 650	26 642	26 365	26 205	27 976
Petroleum products	26 170	26 339	25 113	22 955	22 822	24 266	26 750	30 237	31 074
Natural gas	12 805	12 836	13 680	13 736	13 404	13 776	14 633	15 445	16 124
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	7 294	7 966	8 644	8 606	8 653	9 019	8 806	8 971	9 084
Non-renewable wastes	398	441	419	451	515	523	742	870	1 011
Primary production	66 814	67 779	71 065	70 690	67 019	67 676	66 497	64 089	61 420
Solid fossil fuels	55 077	55 298	57 507	56 835	53 639	53 590	52 092	49 527	47 011
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	747	681	701	983	970	946	1 027	1 002	1 032
Natural gas	3 693	3 850	3 907	3 823	3 726	3 683	3 553	3 512	3 469
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	6 872	7 471	8 502	8 559	8 117	8 886	9 063	9 152	8 875
Non-renewable wastes	398	441	419	451	515	523	742	870	1 011
Net imports	32 143	34 644	30 975	25 897	27 935	28 673	30 995	40 371	47 963
Solid fossil fuels	-2 741	-546	-3 235	-5 411	-4 220	-5 532	-5 798	-1 471	4 052
Crude oil	22 814	23 855	24 788	23 288	23 641	26 633	24 716	24 807	26 951
Gas/Diesel Oil (w/o bio)	2 164	1 897	1 122	336	483	256	2 707	5 125	4 857
Motor Gasoline (w/o bio)	-52	13	-259	-492	-316	-410	-168	241	78
Naphtha	-185	-246	-467	-375	-366	-549	-563	-505	-651
LPG	2 112	2 124	2 012	1 925	1 985	1 999	2 128	2 241	2 216
All other oil & petroleum products	25 699	25 504	24 265	21 472	21 784	24 144	25 401	29 813	30 683
Natural gas	8 874	9 640	10 041	10 192	9 647	9 947	11 469	12 012	12 513
Transformation input	79 737	81 847	82 908	81 681	79 752	83 182	82 282	82 295	83 944
Electricity & heat generation	42 532	42 871	42 398	42 328	40 292	40 986	40 918	41 250	40 847
Refinery intake	24 710	26 122	27 465	26 226	26 019	28 257	27 896	27 651	29 322
Coke ovens	9 185	8 764	8 410	8 903	9 018	9 198	9 091	8 886	9 009
Blast furnaces	1 236	1 307	1 388	1 392	1 639	1 716	1 667	1 725	1 710
Transformation output	56 999	58 017	59 132	58 383	57 216	60 837	60 398	60 413	62 327
Electricity & heat generation	21 577	21 203	21 323	21 373	20 290	20 904	21 322	21 817	21 659
Refinery output	24 140	25 199	26 116	25 373	25 146	27 623	27 198	26 863	28 643
Coke ovens	8 678	8 258	7 869	8 238	8 359	8 593	8 527	8 286	8 356
Blast furnaces	675	688	689	691	770	795	728	734	706
Energy sector	6 045	6 154	6 166	5 883	5 683	6 168	6 050	6 165	6 103
Distribution losses	1 932	1 618	1 737	1 503	1 424	1 537	1 507	1 545	1 443
Available for final consumption	70 360	69 539	65 542	67 239	64 531	65 085	70 354	74 706	76 615
Solid fossil fuels	13 775	13 214	10 169	12 526	10 721	9 704	11 018	10 929	11 137
Manufactured gases	537	527	521	542	596	487	462	500	469
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	12 700	13 094	12 581	11 611	11 411	12 172	14 113	16 719	17 266
Motor Gasoline (w/o bio)	4 252	4 040	3 935	3 722	3 552	3 658	3 865	4 226	4 393
Naphtha	992	694	681	872	919	1 094	978	1 123	1 079
LPG	2 606	2 530	2 528	2 475	2 527	2 552	2 702	2 794	2 820
All other oil & petroleum products	23 262	23 284	21 849	20 743	20 704	21 996	24 288	27 773	28 548
Natural gas	10 384	10 298	10 680	10 750	10 441	10 473	11 281	11 414	11 834
Primary solid biofuels & charcoal	4 303	4 470	4 462	4 739	4 438	4 599	4 851	4 993	4 950
Liquid biofuels	867	916	807	748	705	653	458	606	913
All other renewable energies	5 270	5 529	5 434	5 666	5 350	5 486	5 576	5 874	6 147
Non-renewable wastes	378	420	401	434	495	486	637	723	807
Electricity	10 206	10 446	10 505	10 624	10 778	10 991	11 422	11 676	12 078
Heat	6 547	5 820	5 984	5 954	5 447	5 462	5 669	5 817	5 595
Statistical difference	153	933	-2 579	212	-775	-1 327	-250	-388	988
Final non-energy consumption	4 969	5 022	4 896	4 970	5 167	5 635	5 571	5 910	5 645
Final energy consumption	65 238	63 584	63 224	62 058	60 139	60 777	65 032	69 185	69 983
Industry	13 499	13 961	13 733	14 211	14 153	14 096	14 652	15 841	16 364
Transport	17 187	17 408	16 680	15 744	15 805	16 561	18 557	21 431	22 415
Other sectors	34 551	32 214	32 811	32 103	30 180	30 121	31 823	31 912	31 204
Services	8 837	8 430	8 364	8 079	7 788	7 842	8 503	8 095	7 979
Households	21 983	20 104	20 779	20 444	18 970	18 948	19 782	19 936	19 306

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	101 531	101 571	97 695	98 372	94 662	95 689	100 404	105 067	106 702
Primary energy consumption	96 562	96 549	92 799	93 402	89 494	90 054	94 832	99 158	101 058
Final energy consumption	66 283	64 672	64 427	63 247	61 547	62 299	66 601	70 969	71 933

Source: Eurostat (nrg_bal_c)

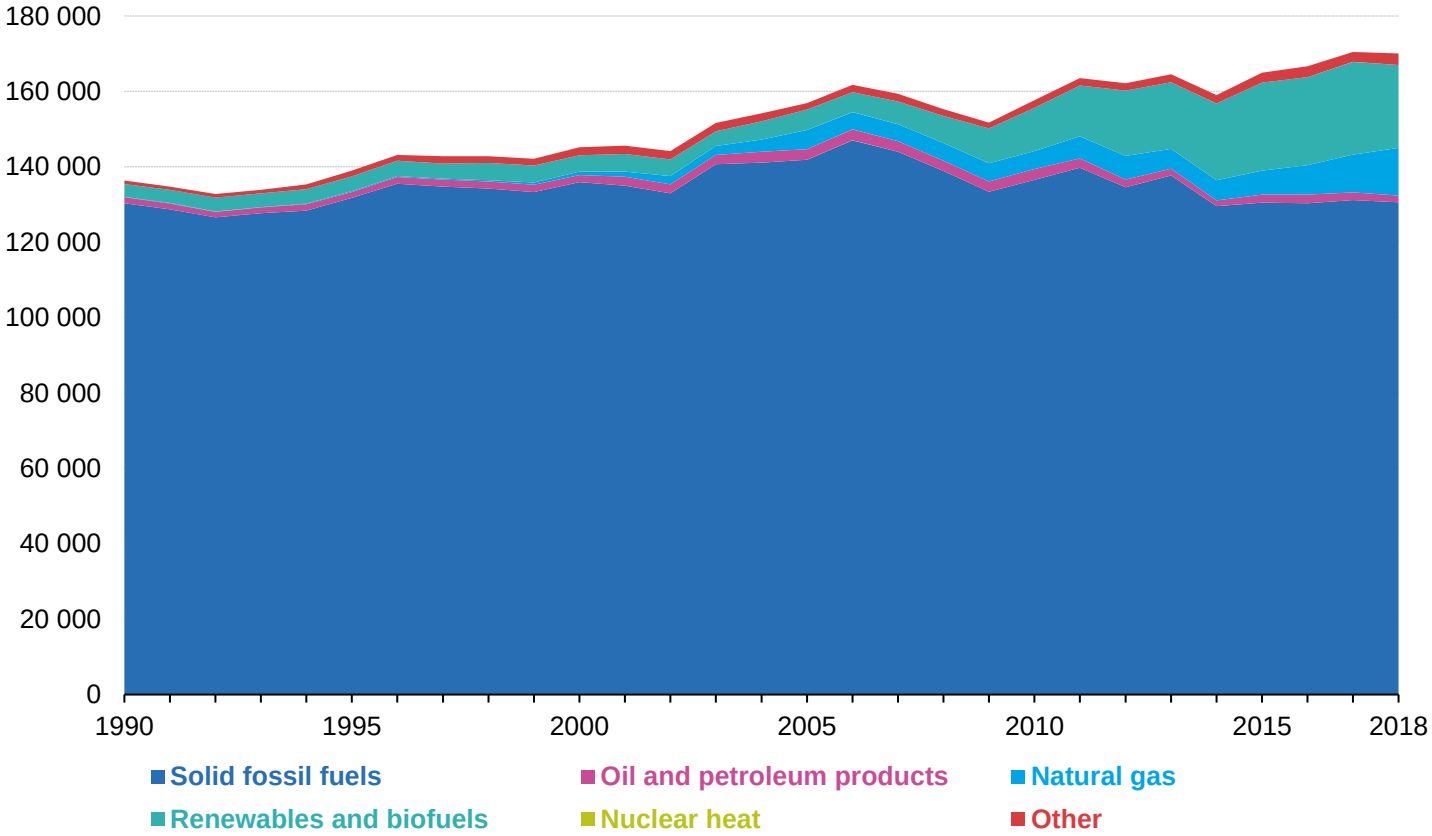
Poland

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

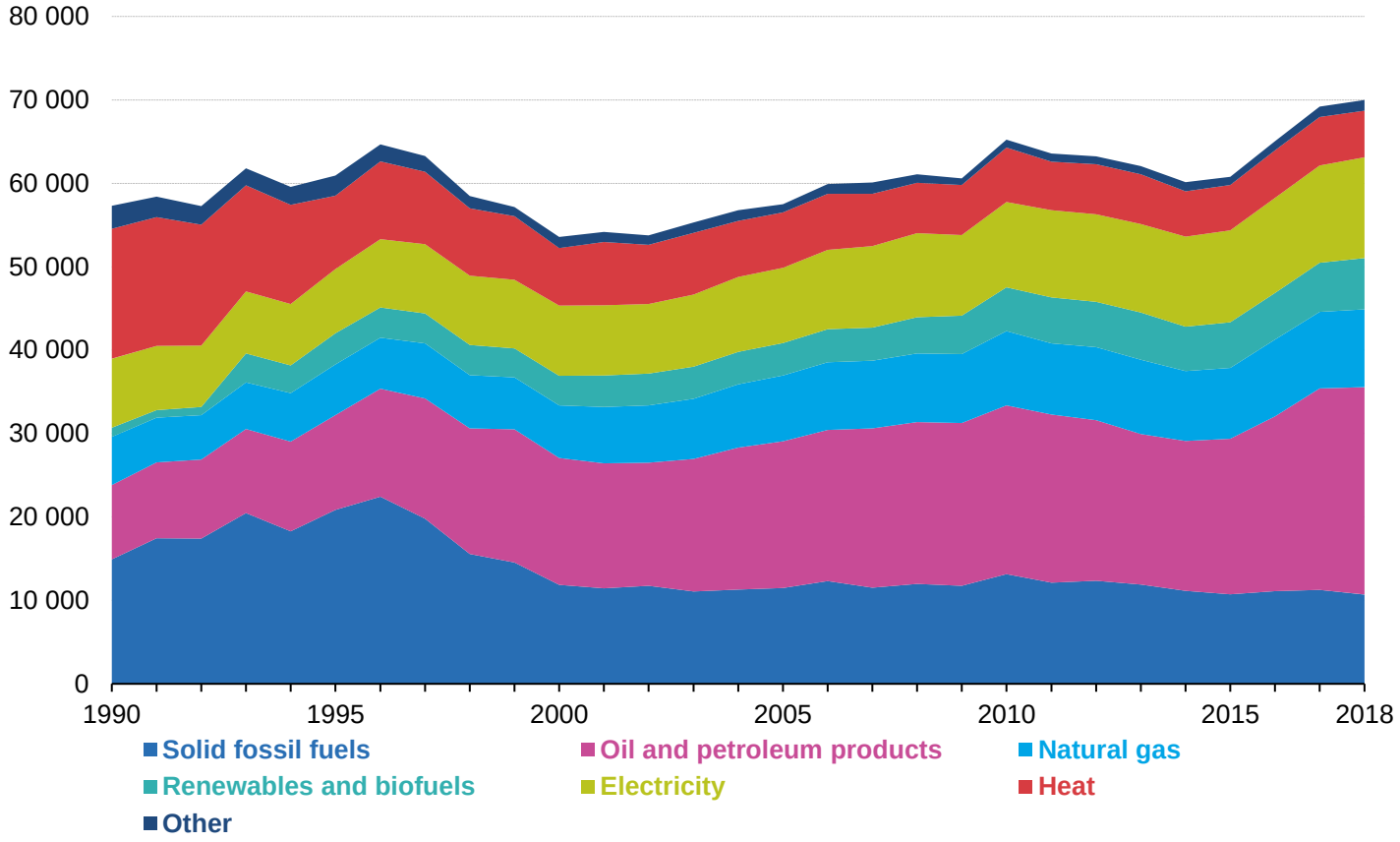


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

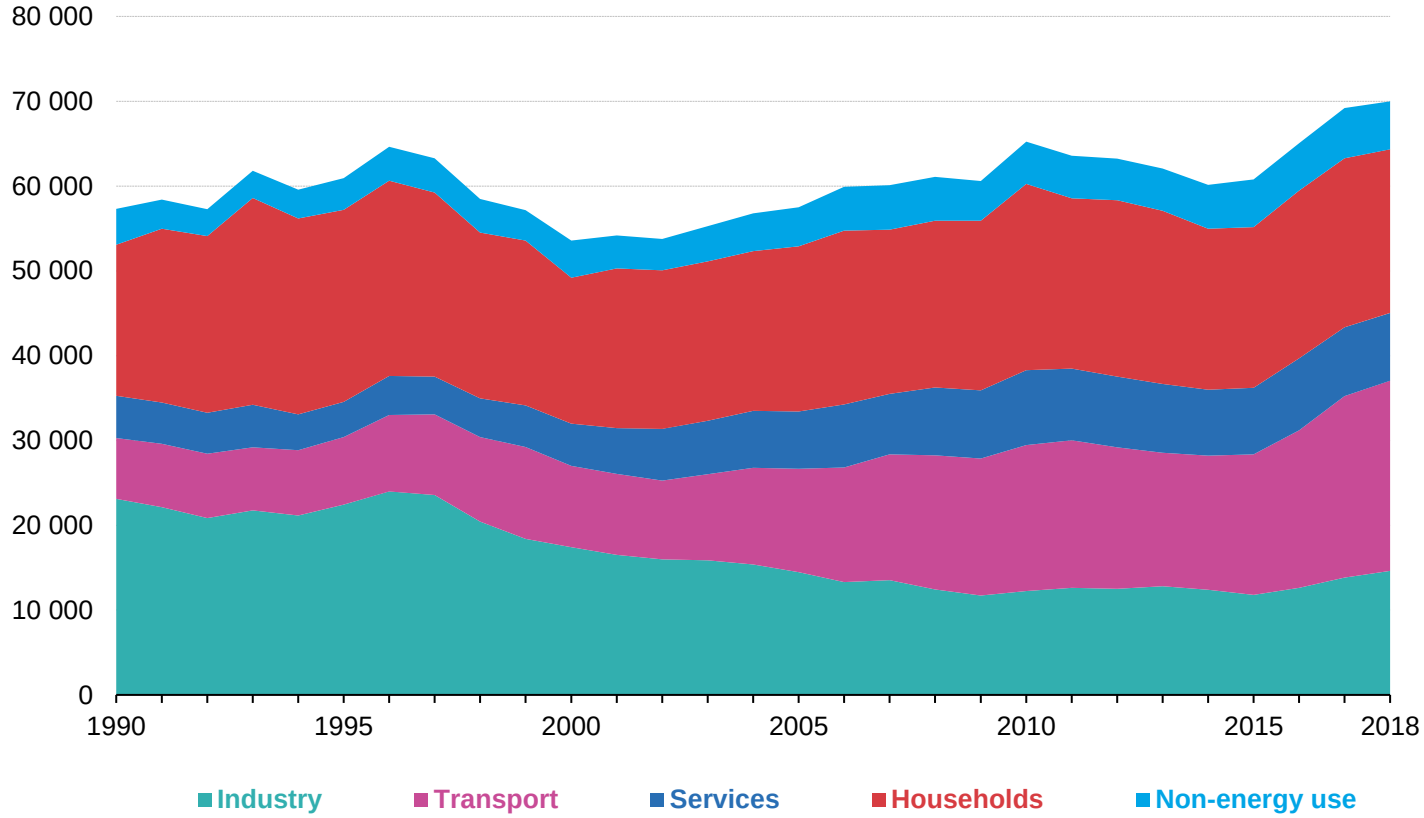
Poland

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Poland

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	164 580	159 059	164 944	166 635	170 465	170 039	163 501 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	154	179	195	117	179	23	234 P
Other bituminous coal	81 414	75 976	77 499	79 285	78 814	81 211	76 392 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	56 150	53 365	52 825	50 920	52 166	49 329	41 639 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	137 718	129 520	130 519	130 322	131 159	130 563	118 266 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	5 270	5 328	6 387	7 831	10 035	12 634	15 006 P
Coke oven gas	1 400	1 349	1 720	1 953	1 505	1 657	1 668 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	425	480	519	525	711	724	481 P
Other recovered gases	215	202	204	133	64	64	60 P
Sub-total	7 310	7 359	8 830	10 442	12 315	15 079	17 215 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	239	170	57	155	81	192	65 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	37	42	77	59	101	126	163 P
Fuel oil	1 506	1 382	1 984	2 088	1 839	1 482	1 562 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	1 782	1 594	2 118	2 302	2 021	1 800	1 789 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	2 997	2 734	2 435	2 622	3 034	2 387	2 664 P
Geothermal	0	0	0	0	0	0	0 P
Wind	6 004	7 676	10 858	12 588	14 909	12 799	15 104 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	1	7	57	124	165	300	718 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	7 932	9 161	9 026	6 913	5 309	5 333	6 247 P
Liquid biofuels	1	0	4	3	2	2	2 P
Biogases	690	816	906	1 027	1 096	1 128	795 P
Renewable municipal waste	0	0	0	12	81	85	106 P
Sub-total	17 625	20 394	23 286	23 289	24 596	22 035	25 636 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	23	37	41	33	43	65	142 P
Non-renewable municipal waste	11	13	34	180	270	373	368 P
Sub-total	34	50	75	213	313	438	510 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	103	134	107	57	54	65	67 P
Other fuels not elsewhere specified	8	8	9	10	8	60	20 P
Sub-total	111	142	116	67	62	125	87 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	262	244	345	237 P
Coking coal	12 638	12 550	13 457	13 178	13 055	12 707	12 406 P
Other bituminous coal	66 145	61 009	58 464	61 278	60 487	61 782	56 392 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	65 934	63 845	63 047	60 390	61 184	58 583	50 379 P
Coke oven coke	3 018	3 237	3 329	2 916	3 228	2 971	2 708 P
Patent fuel	10	9	5	13	12	13	6 P
Brown coal briquettes	37	70	37	22	27	44	23 P
Coal tar	28	37	0	0	12	2	22 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	638 991	623 574	640 849	680 746	718 491	750 093	787 334 P
Coke oven gas	76 493	77 504	79 263	78 303	76 852	78 254	74 779 P
Gas works gas	73	44	5	0	0	0	0 P
Blast furnace gas	22 530	25 802	26 470	25 158	27 164	26 377	24 327 P
Other recovered gases	6 401	6 443	6 809	5 319	3 585	3 191	3 402 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	23 472	23 868	26 629	24 761	25 313	27 408	27 037 P
Refinery intake	25 608	25 572	27 790	27 456	27 225	28 975	29 060 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	4 378	4 830	5 324	7 278	9 156	8 778	8 401 P
Export	6 571	7 115	8 247	7 125	5 195	5 916	5 271 P
Total refinery output	24 893	24 821	27 502	27 027	26 694	28 226	28 376 P
Gas oil and diesel oil	11 023	10 616	11 757	11 558	11 884	12 491	12 859 P
Motor gasoline	3 826	3 627	3 939	3 947	3 916	4 208	4 312 P
Fuel oil	3 408	3 659	3 869	3 609	3 436	3 630	3 115 P
Naphtha	1 491	1 557	1 919	1 810	1 935	2 000	2 020 P
Kerosene-type jet fuel	858	1 130	1 068	1 156	1 090	1 306	1 321 P
All other oil products	4 287	4 232	4 950	4 947	4 432	4 590	4 749 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	286 243	282 835	288 204	277 173	265 482	265 746	279 138 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	7 593	8 685	9 581	10 930	11 747	12 072	12 379 P
Pure biogasoline [kt]	226	206	238	260	247	243	258 P
Pure biodiesels [kt]	660	631	544	310	453	792	896 P
Other liquid biofuels [kt]	0	0	2	2	2	2	2 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	1 391	1 544	1 673	2 556	3 871	4 117	4 239 P
Non-renewable municipal waste	4 122	4 555	4 920	12 251	14 207	15 295	16 140 P
Industrial waste (non-renewable)	14 761	16 993	16 997	18 795	22 229	27 023	32 541 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	778	847	909	930	946	991	1 050 P
Solar thermal	1 035	1 455	1 885	2 189	2 280	2 383	2 620 P
Ambinet heat (heat pumps)	1 588	1 867	2 050	2 218	2 368	2 498	2 736 P

Source: Eurostat (nrg_cb_rw)

Portugal ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	6 529.7	0.0	Z	0.0	0.0	0.0	0.0	6 369.1	160.6	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	25 250.6	2 666.9	0.0	0.0	0.0	16 861.4	5 096.8	119.2	18.9	Z	0.0	487.3
- Exports	6 467.4	0.0	0.0	0.0	0.0	5 394.9	0.0	356.7	0.0	Z	0.0	715.8
+ Change in stock	-475.3	29.3	0.0	0.0	0.0	-460.5	-53.3	9.1	0.0	Z	Z	Z
= Gross available energy	**24 837.6**	**2 696.2**	**0.0**	**0.0**	**0.0**	**11 006.0**	**5 043.5**	**6 140.8**	**179.6**	**0.0**	**0.0**	**-228.5**
- International maritime bunkers	808.8	0.0	0.0	0.0	0.0	808.8	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**24 028.8**	**2 696.2**	**0.0**	**0.0**	**0.0**	**10 197.2**	**5 043.5**	**6 140.8**	**179.6**	**0.0**	**0.0**	**-228.5**
- International aviation	1 363.9	Z	Z	Z	Z	1 363.9	Z	0.0	Z	Z	Z	Z
= Total energy supply	**22 664.9**	**2 696.2**	**0.0**	**0.0**	**0.0**	**8 833.3**	**5 043.5**	**6 140.8**	**179.6**	**0.0**	**0.0**	**-228.5**
Transformation input	**24 665.1**	**2 684.5**	**0.0**	**0.0**	**0.0**	**15 076.1**	**3 113.8**	**3 564.9**	**89.7**	**0.0**	**0.0**	**136.1**
+ Electricity & heat generation	9 319.0	2 684.5	0.0	0.0	0.0	234.1	2 891.7	3 282.9	89.7	0.0	0.0	136.1
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	14 842.0	Z	Z	Z	Z	14 842.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	266.5	Z	Z	Z	Z	Z	Z	266.5	Z	Z	Z	Z
+ Charcoal production plants	15.4	Z	Z	Z	Z	Z	Z	15.4	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	222.1	0.0	0.0	0.0	0.0	0.0	222.1	0.0	0.0	Z	Z	Z
Transformation output	**20 684.7**	**0.0**	**0.0**	**0.0**	**Z**	**14 802.3**	**0.0**	**272.7**	**Z**	**Z**	**482.0**	**5 127.8**
+ Electricity & heat generation	5 609.8	Z	Z	Z	Z	Z	Z	Z	Z	Z	482.0	5 127.8
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	14 614.9	Z	Z	Z	Z	14 614.9	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	266.5	Z	Z	Z	Z	Z	Z	266.5	Z	Z	Z	Z
+ Charcoal production plants	6.2	Z	Z	Z	Z	Z	Z	6.2	Z	Z	Z	Z
+ Gas-to-liquids plants	187.4	Z	Z	Z	Z	187.4	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**1 286.3**	**0.0**	**0.0**	**0.0**	**0.0**	**735.1**	**95.0**	**0.0**	**0.0**	**Z**	**251.8**	**204.4**
+ Own use in electricity & heat genera	123.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	123.7
+ Coal mines	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.1
+ Oil & natural gas extraction plants	0.1	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.1
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	1 143.7	0.0	0.0	0.0	0.0	735.1	95.0	0.0	0.0	Z	251.8	61.8
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	18.6
Distribution losses	**441.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**6.3**	**0.0**	**0.0**	**Z**	**0.0**	**435.1**
Available for final consumption	**16 956.9**	**11.7**	**0.0**	**0.0**	**0.0**	**7 824.4**	**1 828.3**	**2 848.6**	**89.8**	**0.0**	**230.2**	**4 123.7**
Final non-energy consumption	**720.7**	**0.0**	**0.0**	**0.0**	**0.0**	**720.7**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**16 200.8**	**10.2**	**0.0**	**0.0**	**0.0**	**7 093.1**	**1 803.9**	**2 849.8**	**89.8**	**Z**	**230.2**	**4 123.7**
+ Industry	4 576.5	10.2	0.0	0.0	0.0	581.9	1 247.1	1 033.3	89.8	Z	204.3	1 409.9
+ Iron & steel	200.7	5.9	0.0	0.0	0.0	2.0	48.1	0.1	0.0	Z	0.0	144.6
+ Chemical & petrochemical	456.4	0.0	0.0	0.0	0.0	13.9	181.3	4.1	0.1	Z	52.1	204.9
+ Non-ferrous metals	31.2	0.0	0.0	0.0	0.0	2.2	16.8	0.0	2.6	Z	0.0	9.6
+ Non-metallic minerals	1 075.5	4.0	0.0	0.0	0.0	284.2	447.8	78.0	86.7	Z	8.8	166.0
+ Transport equipment	78.8	0.0	0.0	0.0	0.0	7.9	23.2	0.3	0.0	Z	0.0	47.4
+ Machinery	156.1	0.1	0.0	0.0	0.0	17.7	36.8	0.3	0.0	Z	1.1	100.0
+ Mining & quarrying	71.3	0.0	0.0	0.0	0.0	29.6	1.6	1.6	0.0	Z	0.6	37.9
+ Food, beverages & tobacco	458.2	0.0	0.0	0.0	0.0	69.8	152.5	35.7	0.0	Z	25.5	174.8
+ Paper, pulp & printing	1 410.2	0.0	0.0	0.0	0.0	44.9	156.1	869.6	0.0	Z	77.2	262.4
+ Wood & wood products	112.5	0.0	0.0	0.0	0.0	6.1	13.3	30.9	0.0	Z	0.0	62.2
+ Construction	151.7	0.0	0.0	0.0	0.0	90.3	13.6	3.8	0.0	Z	0.0	44.0
+ Textile & leather	307.9	0.0	0.0	0.0	0.0	10.5	145.3	8.9	0.0	Z	33.2	110.0
+ Not elsewhere specified (industry)	65.8	0.1	0.0	0.0	0.0	2.7	10.8	0.1	0.4	Z	5.6	46.1
+ Transport	5 859.3	0.0	0.0	0.0	0.0	5 538.7	16.1	262.4	0.0	Z	Z	42.2
+ Rail	51.1	0.0	0.0	0.0	0.0	9.8	Z	0.0	0.0	Z	Z	41.2
+ Road	5 526.0	Z	Z	Z	Z	5 249.4	16.1	260.1	0.0	Z	Z	0.5
+ Domestic aviation	178.9	Z	Z	Z	Z	178.9	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	102.8	0.0	0.0	0.0	0.0	100.5	Z	2.3	0.0	Z	Z	Z
+ Pipeline transport	0.5	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.5
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	5 765.0	0.0	0.0	0.0	0.0	972.6	540.7	1 554.1	0.0	Z	26.0	2 671.7
+ Commercial & public services	2 352.5	0.0	0.0	0.0	0.0	162.7	262.6	462.0	0.0	Z	24.9	1 440.2
+ Households	2 921.7	0.0	0.0	0.0	0.0	421.1	274.2	1 089.2	0.0	Z	1.1	1 136.1
+ Agriculture & forestry	382.0	0.0	0.0	0.0	0.0	284.9	3.9	1.7	0.0	Z	0.0	91.4
+ Fishing	82.2	0.0	0.0	0.0	0.0	77.6	0.0	0.7	0.0	Z	0.0	3.9
+ Not elsewhere specified (other)	26.7	0.0	0.0	0.0	0.0	26.3	0.0	0.4	0.0	Z	0.0	0.0
Statistical differences	**35.4**	**1.6**	**0.0**	**0.0**	**0.0**	**10.6**	**24.4**	**-1.2**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	5 127.8	1 032.4	0.0	0.0	0.0	96.5	1 342.4	2 634.3	22.3	0.0	Z	Z
Gross heat production	482.0	0.0	0.0	0.0	0.0	4.2	477.8	0.0	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

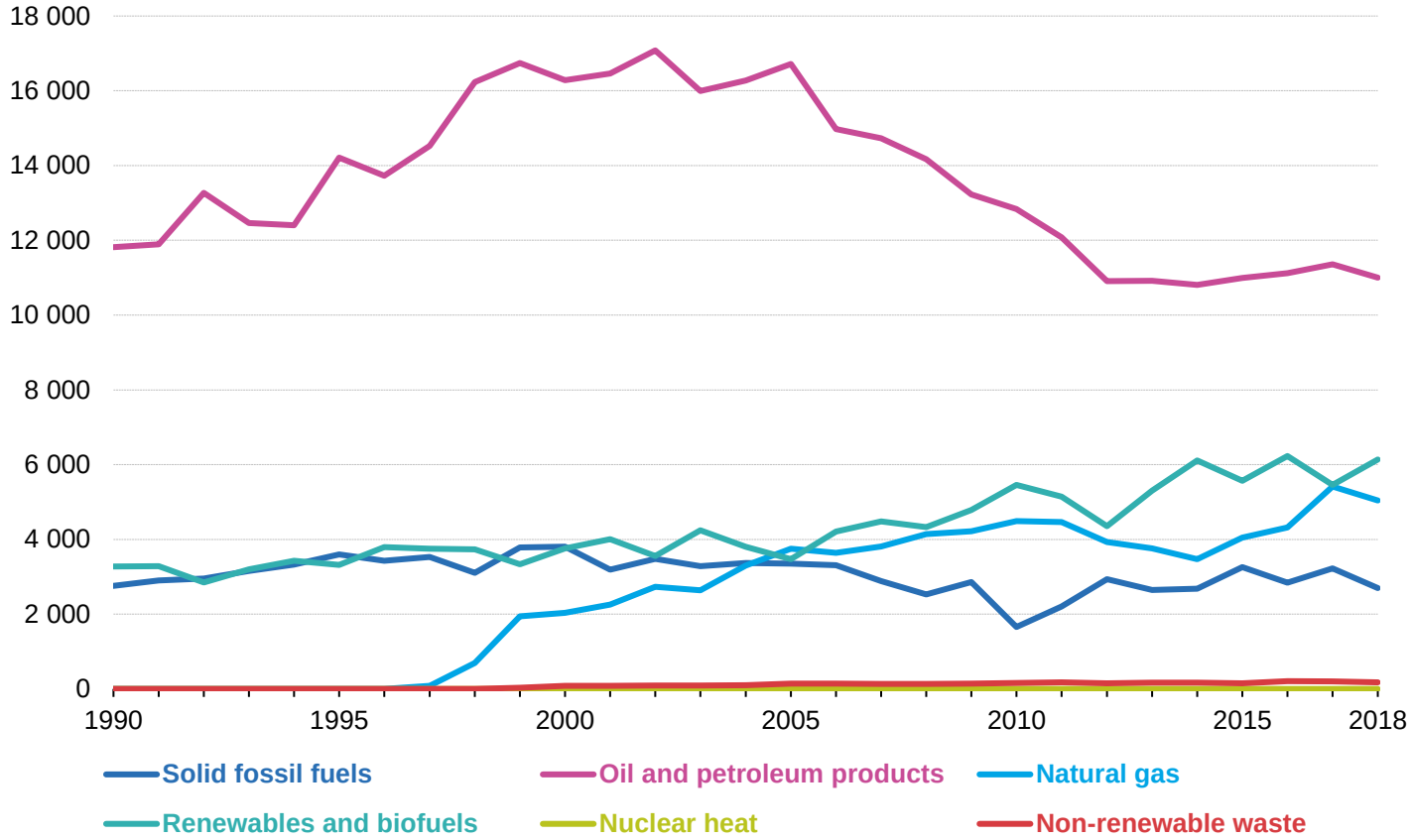
Portugal	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	24 830	24 319	22 966	23 037	23 319	24 226	24 292	25 426	24 838
Solid fossil fuels	1 658	2 208	2 934	2 650	2 680	3 258	2 846	3 227	2 696
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	12 147	11 043	11 900	14 084	12 654	15 165	14 981	15 532	13 878
Petroleum products	12 839	12 083	10 911	10 920	10 808	10 997	11 122	11 360	11 006
Natural gas	4 489	4 464	3 933	3 756	3 473	4 051	4 323	5 415	5 043
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	5 459	5 141	4 355	5 301	6 108	5 566	6 230	5 456	6 141
Non-renewable wastes	159	180	152	170	170	155	208	198	180
Primary production	5 802	5 531	4 709	5 752	6 578	5 908	6 606	5 849	6 530
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	5 642	5 380	4 563	5 607	6 430	5 783	6 432	5 696	6 369
Non-renewable wastes	159	149	144	144	146	122	174	153	161
Net imports	18 675	18 914	18 249	16 896	16 377	18 481	17 540	19 815	18 783
Solid fossil fuels	1 629	2 148	3 032	2 529	2 597	3 209	2 912	3 408	2 667
Crude oil	11 479	10 634	11 368	12 551	10 838	14 360	14 115	14 588	13 005
Gas/Diesel Oil (w/o bio)	1 170	1 250	547	-1 151	-617	-1 567	-1 152	-1 222	-288
Motor Gasoline (w/o bio)	-901	-639	-778	-1 255	-867	-1 738	-1 660	-1 851	-1 573
Naphtha	80	259	-335	-182	-272	-367	-488	-561	-586
LPG	403	439	389	589	862	735	680	618	531
All other oil & petroleum products	12 524	12 184	10 822	10 608	10 524	11 186	10 978	11 383	11 466
Natural gas	4 505	4 533	3 922	3 813	3 475	4 065	4 261	5 438	5 097
Transformation input	20 726	19 747	20 307	23 182	22 244	25 256	25 592	26 875	24 665
Electricity & heat generation	8 067	8 234	7 833	7 952	8 041	8 610	9 167	9 799	9 319
Refinery intake	12 241	11 117	12 028	14 494	13 170	15 623	15 427	16 020	14 330
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	17 709	16 369	16 808	20 007	18 978	21 381	21 804	22 389	20 685
Electricity & heat generation	5 155	5 004	4 521	5 054	5 052	4 976	5 637	5 566	5 610
Refinery output	12 136	10 971	11 872	14 266	12 933	15 443	15 250	15 832	14 114
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	1 149	1 000	1 067	1 507	1 225	1 370	1 424	1 417	1 286
Distribution losses	396	356	423	474	452	429	426	445	441
Available for final consumption	18 932	18 113	16 449	16 304	16 804	16 864	16 740	17 020	16 957
Solid fossil fuels	60	8	25	25	14	12	14	-9	12
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	5 194	4 838	4 415	4 329	4 406	4 514	4 670	4 746	4 837
Motor Gasoline (w/o bio)	1 462	1 313	1 209	1 132	1 133	1 092	1 073	1 088	1 054
Naphtha	1 232	1 246	959	803	758	694	564	667	338
LPG	783	769	625	894	1 066	927	862	785	675
All other oil & petroleum products	10 099	9 421	8 243	8 119	8 282	8 250	8 053	8 232	7 824
Natural gas	1 565	1 582	1 640	1 628	1 539	1 580	1 607	1 712	1 828
Primary solid biofuels & charcoal	2 151	2 162	1 756	1 837	1 741	1 719	1 773	1 772	1 791
Liquid biofuels	326	310	286	275	274	342	278	253	272
All other renewable energies	2 525	2 533	2 156	2 217	2 727	2 782	2 775	2 774	2 849
Non-renewable wastes	55	76	63	70	86	56	90	96	90
Electricity	4 290	4 159	3 976	3 891	3 886	3 939	3 989	4 010	4 124
Heat	338	334	345	352	270	244	211	206	230
Statistical difference	-17	-38	23	25	-31	-35	-75	-98	35
Final non-energy consumption	1 728	1 755	1 318	1 358	1 437	1 335	1 161	1 204	721
Final energy consumption	17 221	16 396	15 108	14 921	15 399	15 564	15 654	15 914	16 201
Industry	5 454	5 349	4 606	4 599	4 406	4 412	4 382	4 526	4 576
Transport	6 425	5 964	5 528	5 446	5 475	5 566	5 702	5 800	5 859
Other sectors	5 342	5 083	4 974	4 875	5 518	5 585	5 570	5 588	5 765
Services	1 883	1 855	1 843	1 787	2 253	2 325	2 258	2 268	2 352
Households	2 969	2 776	2 695	2 635	2 809	2 784	2 852	2 835	2 922

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	24 370	23 759	22 360	22 392	22 116	22 980	22 924	24 025	23 379
Primary energy consumption	22 643	22 004	21 042	21 034	20 679	21 645	21 763	22 821	22 658
Final energy consumption	18 099	17 311	16 031	15 854	15 770	16 009	16 199	16 570	16 915

Source: Eurostat (nrg_bal_c)

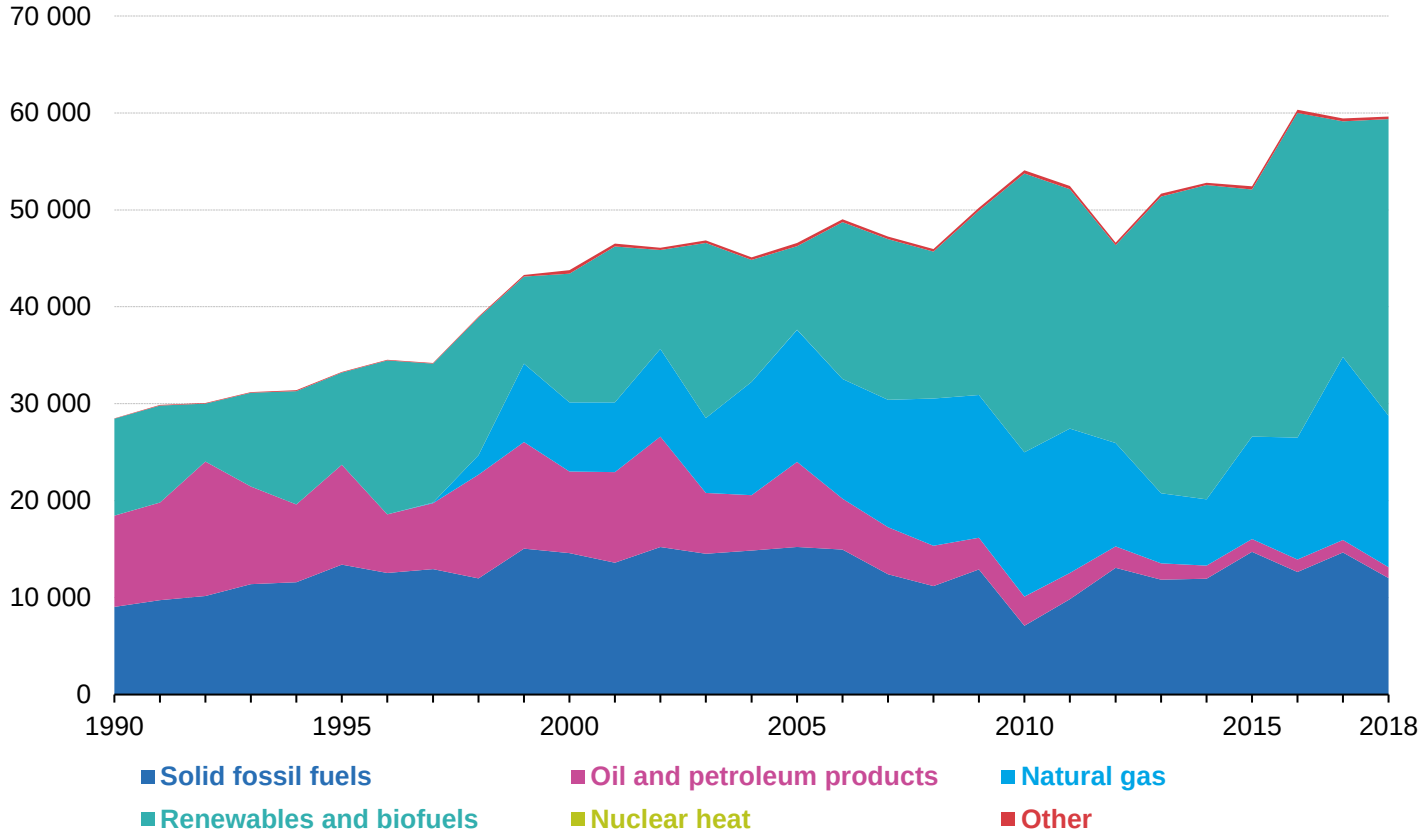
Portugal

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

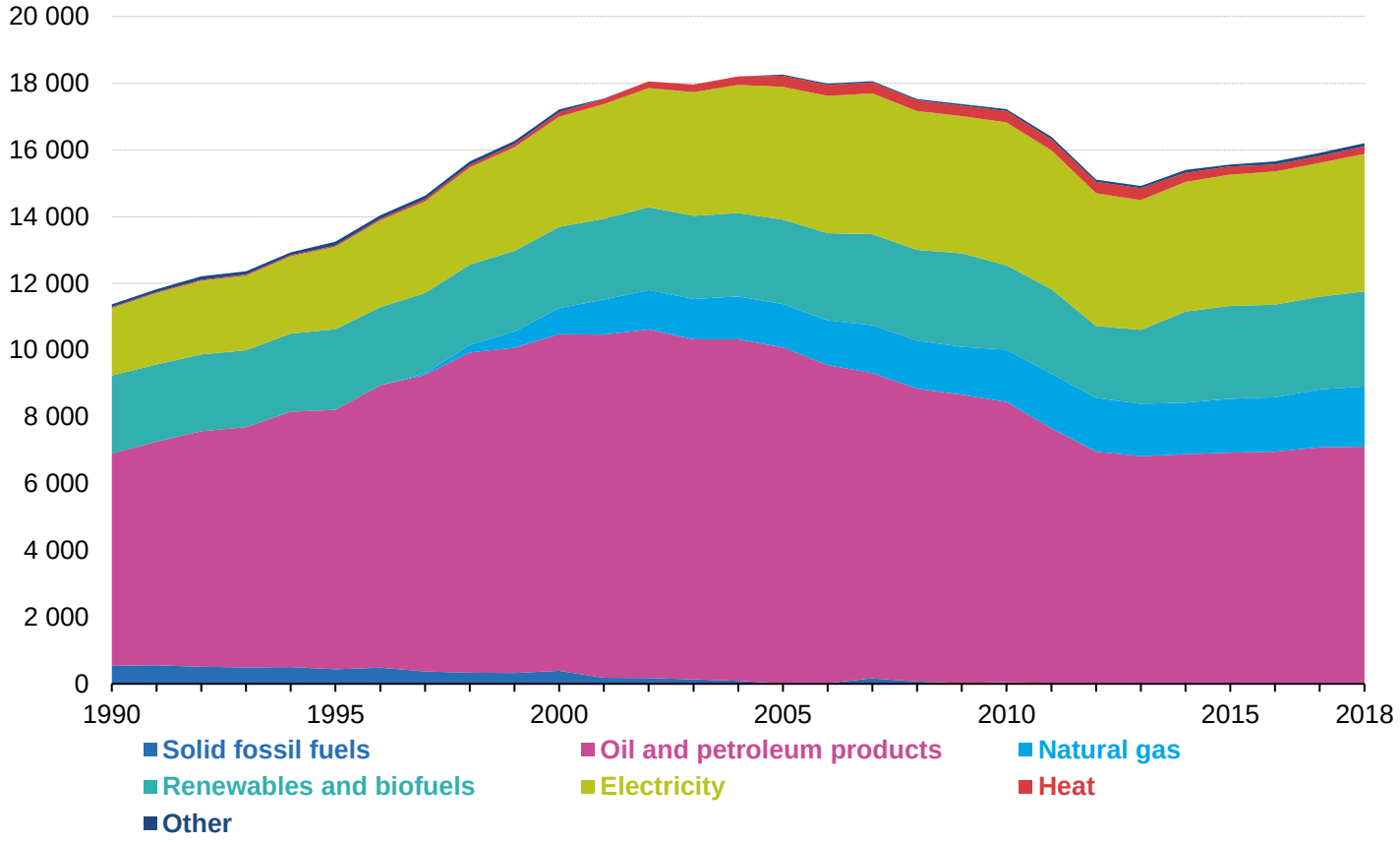


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

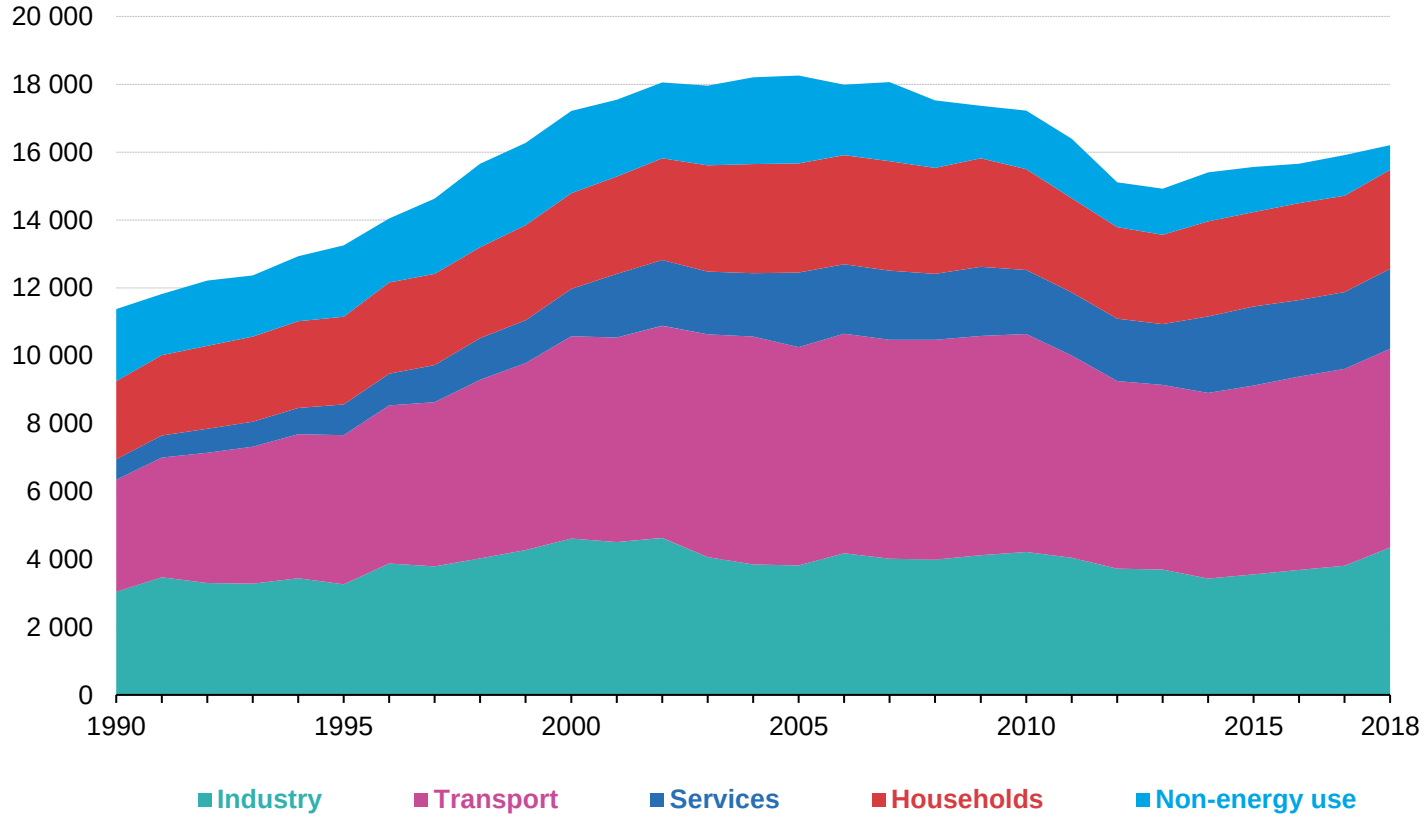
Portugal

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Portugal

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	51 672	52 804	52 420	60 328	59 432	59 636	53 086 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	11 838	11 952	14 727	12 630	14 666	12 006	5 594 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	11 838	11 952	14 727	12 630	14 666	12 006	5 594 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	7 228	6 834	10 562	12 582	18 895	15 612	17 249 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	7 228	6 834	10 562	12 582	18 895	15 612	17 249 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	191	160	125	79	110	58	128 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	89	89	99	77	77	71	68 P
Fuel oil	1 418	1 108	1 088	1 144	1 093	992	1 014 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	1 698	1 357	1 312	1 300	1 280	1 122	1 210 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	14 868	16 412	9 800	16 909	7 632	13 628	10 165 P
Geothermal	197	205	204	172	217	230	216 P
Wind	12 015	12 111	11 608	12 474	12 248	12 617	13 738 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	479	627	796	871	992	1 006	1 275 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	2 516	2 530	2 518	2 481	2 573	2 558	2 754 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	250	277	294	285	287	271	260 P
Renewable municipal waste	286	240	292	305	360	327	338 P
Sub-total	30 610	32 404	25 511	33 496	24 308	30 637	28 746 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	9	9	8	15	12	13	11 P
Non-renewable municipal waste	286	240	292	305	272	247	276 P
Sub-total	294	250	300	320	283	259	287 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	4	7	8	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	4	7	8	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	26	12	11	6	3	4	4 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	4 422	4 508	5 493	4 795	5 405	4 542	2 102 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	1	9	8	12	12	9	9 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	174 723	161 580	188 448	201 101	251 924	233 646	245 794 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	13 552	12 167	15 163	14 705	15 394	13 707	12 706 P
Refinery intake	13 942	12 666	15 092	14 915	15 478	13 847	12 807 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	2 299	2 799	2 567	2 685	2 636	2 815	3 426 P
Export	5 526	4 577	6 653	6 517	6 748	5 192	4 408 P
Total refinery output	13 941	12 662	15 092	14 915	15 478	13 796	12 709 P
Gas oil and diesel oil	5 399	4 865	6 104	5 695	5 935	5 224	4 583 P
Motor gasoline	2 338	1 924	2 694	2 619	2 749	2 501	2 104 P
Fuel oil	2 461	2 498	2 498	2 675	2 645	2 358	2 261 P
Naphtha	960	1 180	1 179	1 146	1 321	1 018	1 042 P
Kerosene-type jet fuel	1 132	976	1 160	1 237	1 361	1 432	1 346 P
All other oil products	1 651	1 219	1 457	1 543	1 468	1 263	1 373 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	97 645	98 375	97 913	100 569	101 344	102 829	92 166 P
Charcoal [kt]	43	43	43	36	38	46	33 P
Biogases [TJ]	2 763	3 432	3 457	3 364	3 561	3 453	3 348 P
Pure biogasoline [kt]	0	0	27	34	5	7	6 P
Pure biodiesels [kt]	302	301	343	280	284	301	303 P
Other liquid biofuels [kt]	5	6	4	3	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	4 049	3 423	4 078	4 340	4 981	4 629	4 754 P
Non-renewable municipal waste	4 048	3 422	4 077	4 340	3 758	3 492	3 890 P
Industrial waste (non-renewable)	3 050	3 694	2 418	4 368	4 543	4 026	4 302 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	7 551	7 889	7 829	6 602	8 329	8 861	8 387 P
Solar thermal	3 046	3 218	3 360	3 515	3 683	3 953	4 033 P
Ambinet heat (heat pumps)	0	24 913	25 158	25 306	26 142	27 206	28 062 P

Source: Eurostat (nrg_cb_rw)

Romania ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	25 059.0	4 016.6	Z	1.2	0.0	3 518.4	8 562.0	5 909.2	174.5	2 877.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	14 289.1	887.5	0.0	13.7	0.0	11 647.9	1 220.5	201.7	0.0	Z	0.0	317.9
- Exports	6 124.8	1.1	0.0	0.0	0.0	5 499.8	24.8	62.4	0.0	Z	0.0	536.6
+ Change in stock	390.8	144.0	0.0	0.0	0.0	76.5	184.7	-11.0	-3.4	Z	Z	Z
= Gross available energy	**33 614.2**	**5 047.0**	**0.0**	**14.9**	**0.0**	**9 743.0**	**9 942.4**	**6 037.6**	**171.1**	**2 877.0**	**0.0**	**-218.8**
- International maritime bunkers	18.1	0.0	0.0	0.0	0.0	18.1	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**33 596.1**	**5 047.0**	**0.0**	**14.9**	**0.0**	**9 724.9**	**9 942.4**	**6 037.6**	**171.1**	**2 877.0**	**0.0**	**-218.8**
- International aviation	137.4	Z	Z	Z	Z	137.4	Z	0.0	Z	Z	Z	Z
= Total energy supply	**33 458.7**	**5 047.0**	**0.0**	**14.9**	**0.0**	**9 587.6**	**9 942.4**	**6 037.6**	**171.1**	**2 877.0**	**0.0**	**-218.8**
Transformation input	**26 269.8**	**4 493.9**	**37.2**	**0.0**	**0.0**	**12 978.9**	**3 132.5**	**2 701.7**	**0.2**	**2 877.0**	**0.0**	**48.4**
+ Electricity & heat generation	12 964.0	4 241.7	37.2	0.0	0.0	304.9	3 045.0	2 409.6	0.2	2 877.0	0.0	48.4
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	252.2	252.2	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	12 674.0	Z	Z	Z	Z	12 674.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	292.1	Z	Z	Z	Z	Z	Z	292.1	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	87.5	0.0	0.0	0.0	0.0	0.0	87.5	0.0	0.0	Z	Z	Z
Transformation output	**20 992.8**	**0.0**	**242.1**	**0.0**	**Z**	**13 173.2**	**0.0**	**292.1**	**Z**	**Z**	**1 707.0**	**5 578.4**
+ Electricity & heat generation	7 285.4	Z	Z	Z	Z	Z	Z	Z	Z	Z	1 707.0	5 578.4
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	242.1	0.0	242.1	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	13 097.5	Z	Z	Z	Z	13 097.5	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	292.1	Z	Z	Z	Z	Z	Z	292.1	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	75.7	Z	Z	Z	Z	75.7	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**2 289.4**	**0.0**	**15.6**	**0.0**	**0.0**	**847.2**	**429.2**	**4.6**	**0.0**	**Z**	**226.4**	**766.3**
+ Own use in electricity & heat genera	601.5	0.0	15.6	0.0	0.0	20.3	47.7	4.6	0.0	Z	109.1	404.2
+ Coal mines	91.0	0.0	0.0	0.0	0.0	19.3	3.0	0.0	0.0	Z	2.5	66.2
+ Oil & natural gas extraction plants	329.5	Z	Z	Z	Z	15.2	192.5	0.0	Z	Z	0.0	121.7
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	962.1	0.0	0.0	0.0	0.0	589.2	183.1	0.0	0.0	Z	78.9	110.9
+ Nuclear industry	1.8	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	1.8
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	303.5	0.0	0.0	0.0	0.0	203.2	3.0	0.0	0.0	Z	35.8	61.5
Distribution losses	**989.7**	**0.0**	**41.5**	**0.0**	**0.0**	**2.0**	**73.4**	**0.0**	**0.0**	**Z**	**266.1**	**606.7**
Available for final consumption	**24 902.6**	**553.0**	**147.8**	**14.9**	**0.0**	**8 932.7**	**6 307.3**	**3 623.4**	**170.9**	**0.0**	**1 214.6**	**3 938.1**
Final non-energy consumption	**1 018.5**	**0.4**	**0.0**	**0.0**	**0.0**	**645.8**	**372.3**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**23 444.8**	**617.2**	**148.0**	**14.9**	**0.0**	**7 876.3**	**5 755.4**	**3 700.1**	**170.9**	**Z**	**1 244.1**	**3 918.0**
+ Industry	6 612.4	582.8	148.0	0.0	0.0	989.0	2 281.6	243.8	167.9	Z	288.3	1 911.0
+ Iron & steel	1 169.5	479.2	148.0	0.0	0.0	0.7	332.3	0.0	1.1	Z	0.6	207.6
+ Chemical & petrochemical	1 428.2	35.5	0.0	0.0	0.0	324.2	584.5	4.1	19.2	Z	182.1	278.6
+ Non-ferrous metals	469.5	0.0	0.0	0.0	0.0	0.1	169.8	0.0	0.0	Z	0.0	299.7
+ Non-metallic minerals	1 129.5	66.9	0.0	0.0	0.0	332.4	369.8	2.2	138.7	Z	2.7	216.8
+ Transport equipment	297.5	0.0	0.0	0.0	0.0	6.5	136.4	0.0	0.0	Z	12.0	142.5
+ Machinery	427.4	0.0	0.0	0.0	0.0	11.3	156.7	6.4	0.0	Z	15.7	237.2
+ Mining & quarrying	38.9	0.0	0.0	0.0	0.0	14.0	1.4	2.0	0.0	Z	0.1	21.3
+ Food, beverages & tobacco	537.0	1.0	0.0	0.0	0.0	32.8	285.6	28.9	5.9	Z	18.4	164.4
+ Paper, pulp & printing	140.7	0.0	0.0	0.0	0.0	0.3	63.1	2.0	2.6	Z	7.3	65.3
+ Wood & wood products	344.1	0.0	0.0	0.0	0.0	14.0	35.2	166.9	0.0	Z	39.0	89.1
+ Construction	334.0	0.2	0.0	0.0	0.0	244.4	52.9	1.6	0.0	Z	1.5	33.4
+ Textile & leather	148.0	0.0	0.0	0.0	0.0	2.8	81.7	1.5	0.3	Z	4.6	57.0
+ Not elsewhere specified (industry)	148.0	0.0	0.0	0.0	0.0	5.5	12.0	28.2	0.0	Z	4.2	98.1
+ Transport	6 303.7	0.0	0.0	0.0	0.0	5 915.6	0.2	297.1	0.0	Z	Z	90.8
+ Rail	179.7	0.0	0.0	0.0	0.0	93.8	Z	0.0	0.0	Z	Z	85.8
+ Road	6 026.3	Z	Z	Z	Z	5 725.9	0.0	297.1	0.0	Z	Z	3.4
+ Domestic aviation	55.5	Z	Z	Z	Z	55.5	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	40.4	0.0	0.0	0.0	0.0	40.4	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	1.9	Z	Z	Z	Z	0.0	0.2	0.0	Z	Z	Z	1.6
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	10 528.6	34.3	0.0	14.9	0.0	971.6	3 473.7	3 159.2	3.0	Z	955.7	1 916.2
+ Commercial & public services	1 976.2	0.6	0.0	0.0	0.0	103.3	821.7	125.7	3.0	Z	169.2	752.6
+ Households	7 775.1	33.6	0.0	0.0	0.0	293.5	2 539.2	3 028.1	0.0	Z	781.8	1 098.9
+ Agriculture & forestry	565.8	0.1	0.0	14.8	0.0	363.3	112.8	5.4	0.0	Z	4.7	64.7
+ Fishing	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	211.4	0.0	0.0	0.0	0.0	211.4	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**439.4**	**-64.5**	**-0.2**	**-0.0**	**0.0**	**410.6**	**179.5**	**-76.7**	**0.0**	**0.0**	**-29.5**	**20.1**
Gross electricity production	5 578.4	1 345.3	9.1	0.0	0.0	51.5	904.6	2 289.6	0.0	978.3	Z	Z
Gross heat production	1 707.0	326.1	3.2	0.0	0.0	131.5	1 179.5	66.5	0.2	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

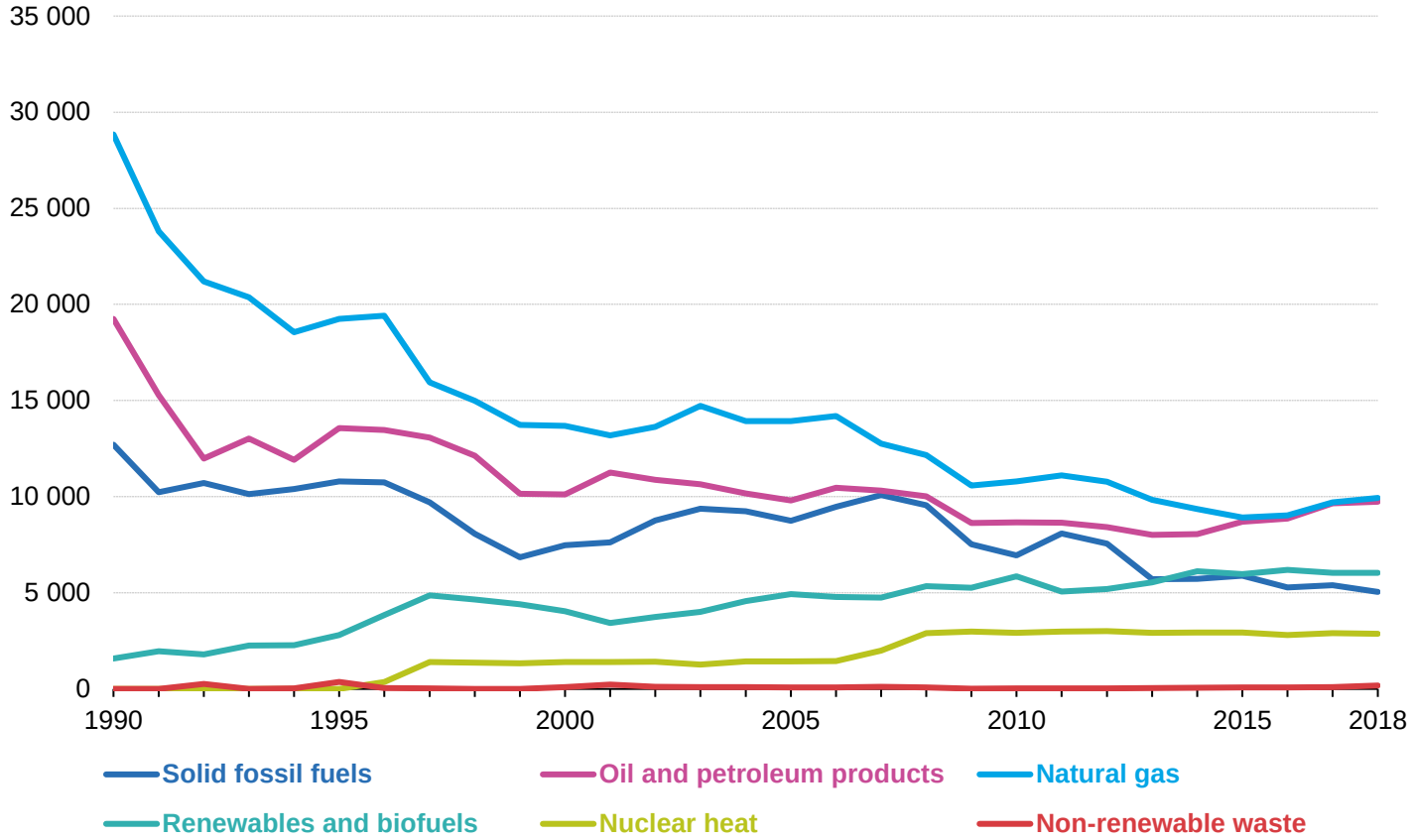
Romania	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	35 021	35 761	34 999	31 909	31 665	31 918	31 826	33 562	33 614
Solid fossil fuels	6 949	8 093	7 560	5 708	5 728	5 892	5 278	5 389	5 047
Peat & peat products	8	8	0	8	7	8	9	12	15
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	10 244	9 787	8 918	9 639	10 835	11 024	11 880	12 278	12 420
Petroleum products	8 658	8 644	8 408	8 013	8 060	8 693	8 864	9 661	9 743
Natural gas	10 788	11 105	10 777	9 839	9 349	8 917	9 024	9 708	9 942
Nuclear heat	2 923	2 979	3 008	2 922	2 941	2 940	2 811	2 907	2 877
Renewable energies	5 861	5 067	5 195	5 551	6 124	5 973	6 193	6 042	6 038
Non-renewable wastes	30	29	27	41	70	72	80	93	171
Primary production	27 370	27 493	27 197	25 809	26 274	26 375	24 738	25 490	25 059
Solid fossil fuels	5 903	6 662	6 346	4 656	4 449	4 711	4 234	4 467	4 017
Peat	1	0	0	0	0	1	1	1	1
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	4 186	4 129	3 891	4 028	3 961	3 929	3 734	3 568	3 518
Natural gas	8 619	8 667	8 683	8 600	8 766	8 785	7 784	8 608	8 562
Nuclear heat	2 923	2 979	3 008	2 922	2 941	2 940	2 811	2 907	2 877
Renewable energies	5 708	5 027	5 242	5 561	6 090	5 935	6 096	5 844	5 909
Non-renewable wastes	30	29	27	41	68	74	78	95	175
Net imports	7 490	7 560	7 862	5 845	5 276	5 326	6 970	7 819	8 164
Solid fossil fuels	1 172	1 077	1 222	1 042	953	982	1 028	990	886
Crude oil	5 743	5 374	5 078	5 238	6 675	6 546	7 452	7 716	8 263
Gas/Diesel Oil (w/o bio)	460	562	848	255	-650	-398	-464	-184	-131
Motor Gasoline (w/o bio)	-1 347	-1 711	-1 492	-1 624	-1 714	-1 745	-2 075	-1 894	-2 142
Naphtha	-143	-103	-59	-65	-109	-129	-108	-246	-200
LPG	-115	-109	-110	-105	-83	-86	-136	-91	-113
All other oil & petroleum products	4 556	4 097	4 387	3 819	4 428	4 715	5 081	5 921	6 148
Natural gas	1 816	2 464	2 297	1 165	465	161	1 175	941	1 196
Transformation input	26 030	26 342	25 260	23 778	26 066	26 056	25 537	26 168	26 270
Electricity & heat generation	13 811	15 038	14 142	12 617	13 031	13 321	12 749	13 006	12 964
Refinery intake	10 876	10 375	9 768	10 030	11 558	11 439	12 073	12 397	12 509
Coke ovens	2	0	0	0	0	0	0	0	0
Blast furnaces	558	178	213	226	222	254	249	234	252
Transformation output	20 640	20 122	18 608	18 603	20 942	20 647	20 632	20 834	20 993
Electricity & heat generation	7 610	7 711	7 211	7 089	7 509	7 530	7 431	7 310	7 285
Refinery output	11 473	11 008	10 092	10 399	11 979	11 845	12 517	12 790	12 939
Coke ovens	2	0	0	0	0	0	0	0	0
Blast furnaces	223	178	213	226	213	244	239	225	242
Energy sector	3 229	3 013	2 846	2 709	2 631	2 337	2 411	2 490	2 289
Distribution losses	1 425	1 363	1 335	1 116	1 069	1 077	1 073	998	990
Available for final consumption	24 796	25 010	24 018	22 702	22 555	22 810	23 115	24 376	24 903
Solid fossil fuels	450	681	759	533	603	659	654	655	553
Manufactured gases	172	142	189	196	174	169	159	150	148
Peat & peat products	8	8	0	8	7	8	9	12	15
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	4 218	4 706	4 589	4 267	4 348	4 661	4 904	5 430	5 662
Motor Gasoline (w/o bio)	1 586	1 415	1 408	1 316	1 431	1 369	1 405	1 457	1 431
Naphtha	279	185	3	7	-50	-10	79	1	2
LPG	496	510	350	387	478	447	475	531	521
All other oil & petroleum products	8 049	8 177	7 234	6 996	7 062	7 813	7 979	8 560	8 933
Natural gas	6 779	7 074	6 922	6 325	6 149	5 600	5 557	6 048	6 307
Primary solid biofuels & charcoal	3 920	3 358	3 565	3 499	3 442	3 325	3 413	3 446	3 291
Liquid biofuels	117	187	195	203	167	202	257	297	297
All other renewable energies	4 061	3 577	3 787	3 737	3 635	3 552	3 703	3 778	3 623
Non-renewable wastes	30	27	27	40	69	72	78	93	171
Electricity	3 566	3 665	3 616	3 466	3 608	3 709	3 746	3 856	3 938
Heat	1 681	1 658	1 484	1 401	1 247	1 228	1 229	1 226	1 215
Statistical difference	701	196	-340	-387	-435	85	37	318	439
Final non-energy consumption	2 057	2 223	1 729	1 457	1 520	1 125	1 143	1 078	1 018
Final energy consumption	22 039	22 591	22 629	21 631	21 470	21 600	21 935	22 980	23 445
Industry	6 484	7 060	6 748	6 273	6 427	6 419	6 264	6 438	6 612
Transport	4 966	5 213	5 315	5 189	5 266	5 338	5 738	6 149	6 304
Other sectors	10 589	10 318	10 566	10 170	9 777	9 844	9 933	10 393	10 529
Services	1 881	1 774	1 763	1 785	1 768	1 762	1 806	1 858	1 976
Households	8 102	7 860	8 061	7 722	7 410	7 375	7 415	7 732	7 775

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	35 006	35 751	34 985	31 868	31 585	31 873	31 795	33 535	33 596
Primary energy consumption	32 949	33 528	33 256	30 411	30 066	30 748	30 652	32 457	32 578
Final energy consumption	22 540	22 736	22 763	21 796	21 686	21 850	22 237	23 325	23 592

Source: Eurostat (nrg_bal_c)

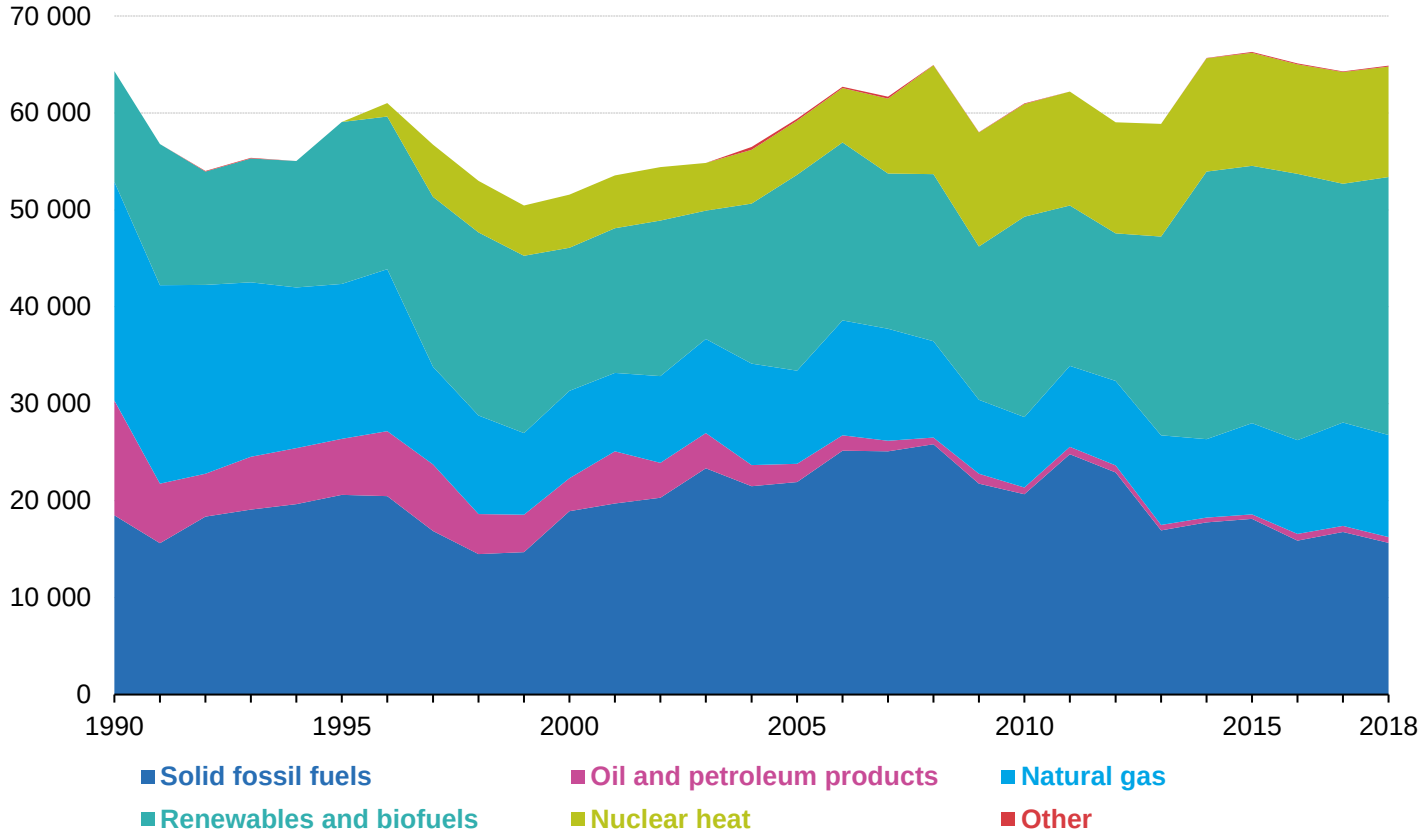
Romania

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

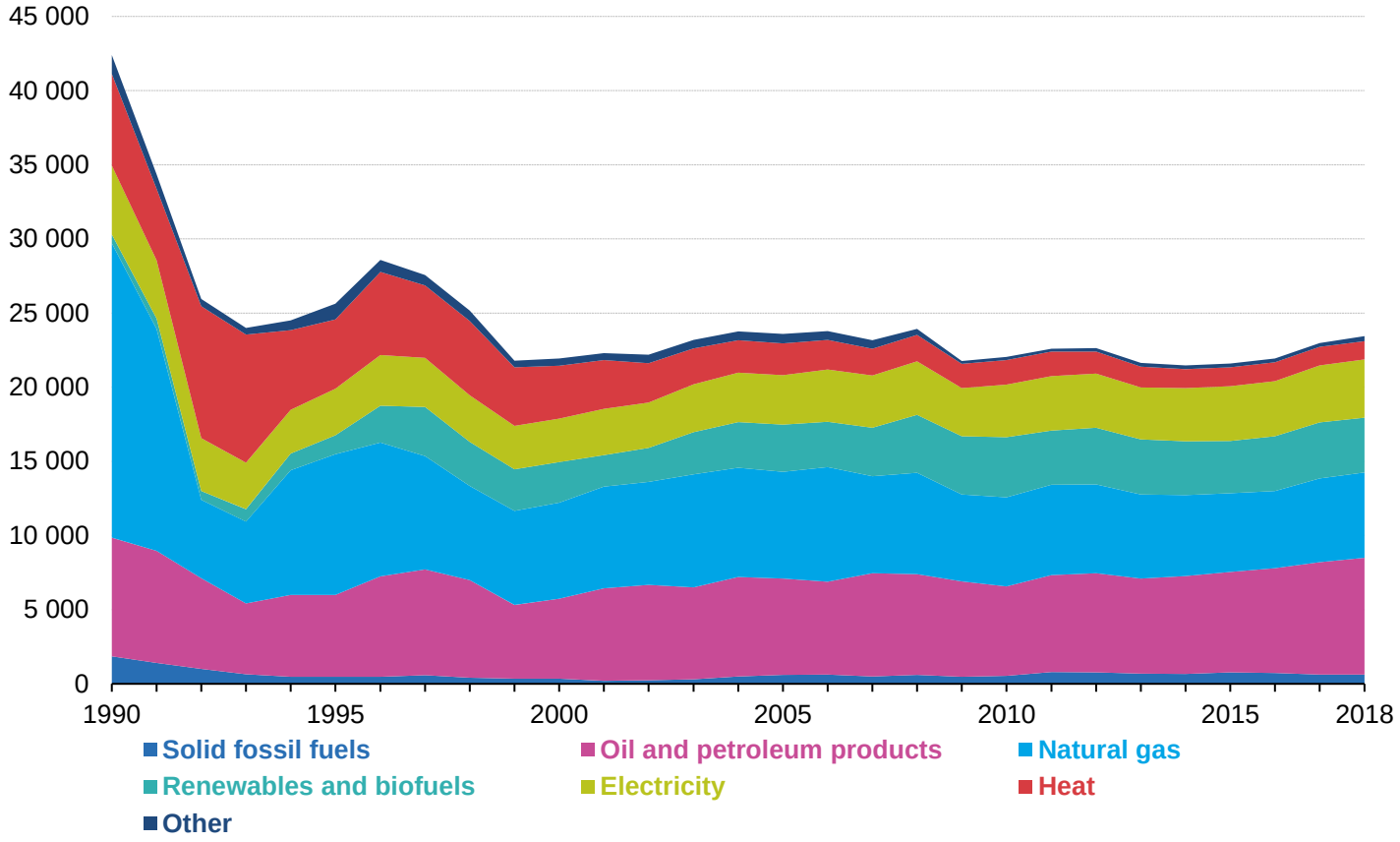


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

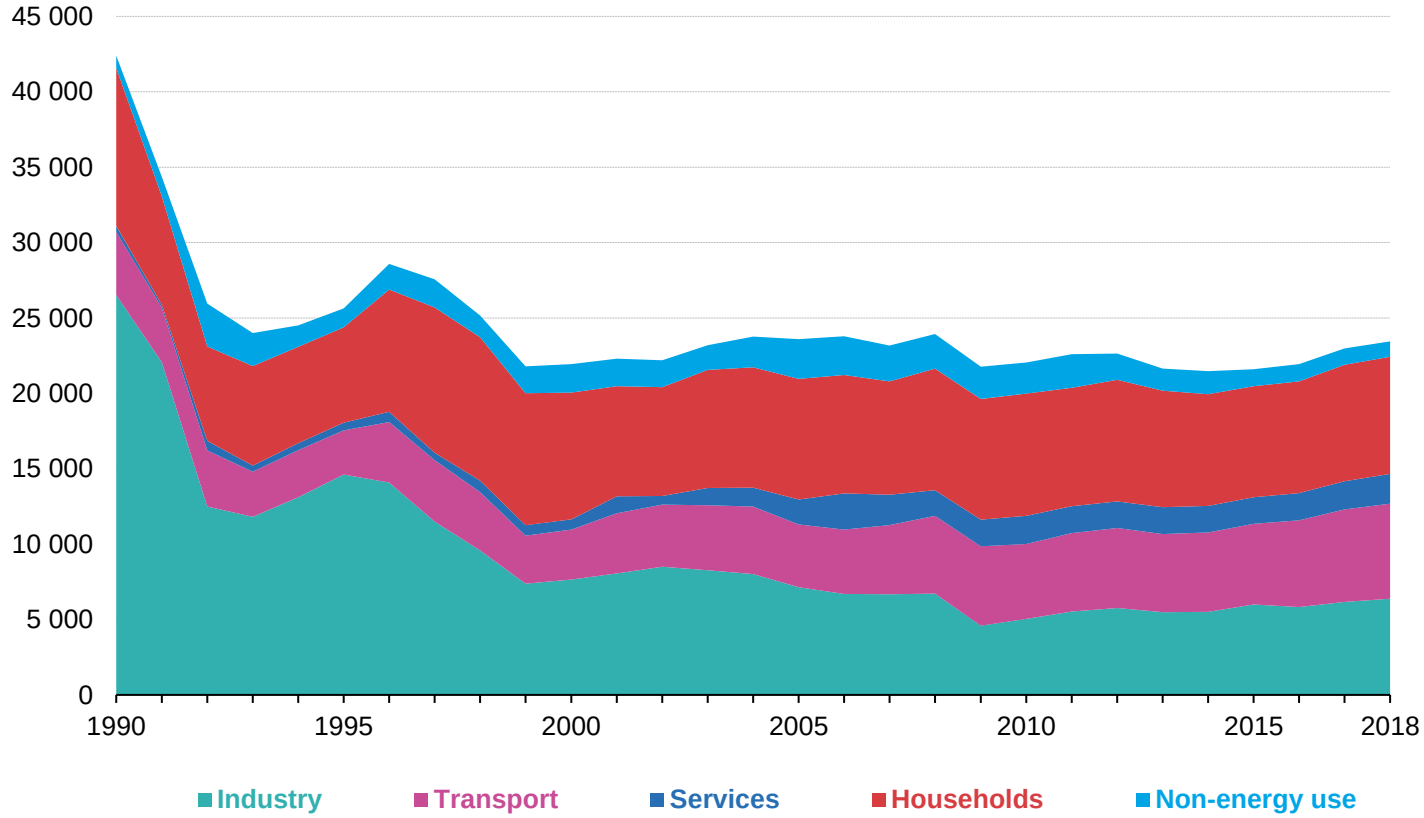
Romania

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Romania

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	58 886	65 675	66 295	65 103	64 296	64 876	59 387 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	391	282	198	142	188	247	0 P
Lignite	16 545	17 481	17 927	15 739	16 592	15 398	13 804 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	16 936	17 763	18 125	15 881	16 780	15 646	13 804 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	9 255	8 104	9 386	9 655	10 656	10 521	9 308 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	18	45	95	100	77	106	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	9 273	8 149	9 481	9 755	10 733	10 627	9 308 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	354	270	257	371	412	373	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	30	25	14	19	6	6	0 P
Fuel oil	60	44	52	103	28	22	0 P
Petroleum coke	0	0	0	211	187	198	184 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	116	147	151	0	0	0	0 P
Sub-total	560	486	474	704	633	599	184 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	15 307	19 279	17 007	18 536	14 853	18 097	15 811 P
Geothermal	0	0	0	0	0	0	0 P
Wind	4 520	6 201	7 063	6 590	7 407	6 322	6 773 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	420	1 616	1 982	1 820	1 856	1 771	1 777 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	202	453	462	466	458	367	398 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	50	51	61	65	67	70	0 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	20 499	27 600	26 575	27 477	24 641	26 628	24 759 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	11 618	11 676	11 640	11 286	11 509	11 377	11 280 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	52 P
Sub-total	11 618	11 676	11 640	11 286	11 509	11 377	11 332 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	131	140	114	126	182	173	164 P
Coking coal	93	21	14	10	8	7	2 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	696	639	701	659	644	614	762 P
Lignite	24 971	25 435	26 204	23 218	25 575	24 339	21 513 P
Coke oven coke	740	711	825	829	726	748	749 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	38	33	39	45	56	71	69 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	457 708	434 925	414 833	419 784	447 095	457 894	435 101 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	9 478	8 924	10 195	9 990	9 408	10 137	10 320 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	5 554	7 253	7 254	8 061	8 621	9 053	9 533 P
Refinery intake	10 113	11 512	11 566	12 107	12 509	12 635	13 143 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	2 254	2 036	2 464	2 449	2 555	2 662	2 491 P
Export	3 788	4 614	4 668	5 099	4 970	5 283	5 442 P
Total refinery output	10 122	11 666	11 530	12 194	12 462	12 584	13 033 P
Gas oil and diesel oil	4 209	5 170	5 116	5 437	5 655	5 656	5 877 P
Motor gasoline	2 863	2 998	2 982	3 405	3 285	3 381	3 263 P
Fuel oil	364	321	308	218	182	196	143 P
Naphtha	221	280	282	184	230	193	181 P
Kerosene-type jet fuel	297	372	400	398	381	418	496 P
All other oil products	2 168	2 525	2 442	2 552	2 729	2 739	3 073 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	150 335	151 473	147 113	150 997	152 372	144 972	144 307 E
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	822	810	767	739	755	865	865 E
Pure biogasoline [kt]	87	65	96	127	142	141	142 E
Pure biodiesels [kt]	168	143	161	200	235	235	235 E
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	7	81	48	71	85	85	85 E
Non-renewable municipal waste	7	108	111	122	122	103	103 E
Industrial waste (non-renewable)	1 709	2 818	2 903	3 208	3 768	7 061	7 061 E

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	1 090	1 183	1 219	1 509	1 752	1 665	1 665 E
Solar thermal	9	23	21	22	31	31	31 E
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Slovenia ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	3 401.7	901.4	Z	0.0	0.0	0.9	13.6	1 060.8	60.4	1 364.6	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	6 588.7	213.6	0.0	0.0	0.0	4 809.7	720.5	77.2	0.0	Z	0.0	767.9
- Exports	2 970.5	0.0	0.0	0.0	0.0	2 150.1	9.4	0.0	0.0	Z	0.0	811.0
+ Change in stock	32.9	16.5	0.0	0.0	0.0	19.5	0.0	-3.1	0.0	Z	Z	Z
= Gross available energy	**7 052.8**	**1 131.5**	**0.0**	**0.0**	**0.0**	**2 679.9**	**724.7**	**1 134.9**	**60.4**	**1 364.6**	**0.0**	**-43.2**
- International maritime bunkers	225.4	0.0	0.0	0.0	0.0	225.4	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**6 827.4**	**1 131.5**	**0.0**	**0.0**	**0.0**	**2 454.5**	**724.7**	**1 134.9**	**60.4**	**1 364.6**	**0.0**	**-43.2**
- International aviation	35.5	Z	Z	Z	Z	35.5	Z	0.0	Z	Z	Z	Z
= Total energy supply	**6 791.9**	**1 131.5**	**0.0**	**0.0**	**0.0**	**2 419.0**	**724.7**	**1 134.9**	**60.4**	**1 364.6**	**0.0**	**-43.2**
Transformation input	**3 160.3**	**1 060.8**	**0.0**	**0.0**	**0.0**	**8.4**	**120.6**	**574.4**	**9.8**	**1 364.6**	**0.0**	**21.7**
+ Electricity & heat generation	3 094.3	1 060.8	0.0	0.0	0.0	8.4	120.6	508.4	9.8	1 364.6	0.0	21.7
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	66.0	Z	Z	Z	Z	Z	Z	66.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**1 692.3**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**0.0**	**66.0**	**Z**	**Z**	**222.1**	**1 404.2**
+ Electricity & heat generation	1 626.3	Z	Z	Z	Z	Z	Z	Z	Z	Z	222.1	1 404.2
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	66.0	Z	Z	Z	Z	Z	Z	66.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**103.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.7**	**0.8**	**0.0**	**0.0**	**Z**	**17.5**	**84.2**
+ Own use in electricity & heat genera	92.3	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.0	Z	15.4	76.0
+ Coal mines	7.2	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	Z	1.8	4.7
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.3	3.5
Distribution losses	**105.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**29.5**	**75.6**
Available for final consumption	**5 115.4**	**70.7**	**0.0**	**0.0**	**0.0**	**2 409.8**	**603.3**	**626.5**	**50.6**	**0.0**	**175.1**	**1 179.5**
Final non-energy consumption	**152.8**	**7.3**	**0.0**	**0.0**	**0.0**	**139.9**	**5.7**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**4 940.3**	**41.1**	**0.0**	**0.0**	**0.0**	**2 269.9**	**597.6**	**626.5**	**50.6**	**Z**	**175.1**	**1 179.5**
+ Industry	1 386.9	40.9	0.0	0.0	0.0	117.3	465.4	73.9	50.6	Z	50.1	588.8
+ Iron & steel	151.9	6.4	0.0	0.0	0.0	2.2	75.2	0.0	0.0	Z	1.1	66.9
+ Chemical & petrochemical	152.5	0.0	0.0	0.0	0.0	4.2	45.2	17.6	1.6	Z	28.7	55.1
+ Non-ferrous metals	165.3	1.5	0.0	0.0	0.0	7.1	42.7	0.0	0.0	Z	0.1	113.9
+ Non-metallic minerals	205.0	11.0	0.0	0.0	0.0	34.5	75.8	0.4	49.0	Z	0.0	34.3
+ Transport equipment	34.1	0.0	0.0	0.0	0.0	1.7	11.5	0.1	0.0	Z	0.3	20.6
+ Machinery	209.6	0.0	0.0	0.0	0.0	18.1	63.7	3.3	0.0	Z	8.9	115.7
+ Mining & quarrying	22.8	0.0	0.0	0.0	0.0	5.2	3.7	0.0	0.0	Z	0.0	13.9
+ Food, beverages & tobacco	79.3	0.0	0.0	0.0	0.0	10.0	36.2	1.6	0.0	Z	3.5	28.1
+ Paper, pulp & printing	176.1	22.0	0.0	0.0	0.0	2.7	75.8	10.9	0.0	Z	0.9	63.8
+ Wood & wood products	51.7	0.0	0.0	0.0	0.0	3.4	1.5	31.7	0.0	Z	0.3	14.9
+ Construction	39.2	0.0	0.0	0.0	0.0	23.4	6.3	2.4	0.0	Z	0.2	6.9
+ Textile & leather	18.3	0.0	0.0	0.0	0.0	1.4	7.0	0.7	0.0	Z	0.8	8.3
+ Not elsewhere specified (industry)	81.0	0.0	0.0	0.0	0.0	3.5	20.7	5.3	0.0	Z	5.3	46.2
+ Transport	1 965.0	0.2	0.0	0.0	0.0	1 868.8	3.3	72.7	0.0	Z	Z	20.0
+ Rail	27.9	0.2	0.0	0.0	0.0	8.3	Z	0.0	0.0	Z	Z	19.4
+ Road	1 936.1	Z	Z	Z	Z	1 859.9	3.3	72.7	0.0	Z	Z	0.1
+ Domestic aviation	0.5	Z	Z	Z	Z	0.5	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.6
+ Other	1 588.4	0.1	0.0	0.0	0.0	283.8	128.9	479.9	0.0	Z	125.0	570.7
+ Commercial & public services	426.0	0.0	0.0	0.0	0.0	65.1	17.9	11.8	0.0	Z	50.1	281.1
+ Households	1 065.5	0.1	0.0	0.0	0.0	124.5	110.9	465.5	0.0	Z	74.9	289.6
+ Agriculture & forestry	73.1	0.0	0.0	0.0	0.0	70.4	0.0	2.7	0.0	Z	0.0	0.0
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	23.8	0.0	0.0	0.0	0.0	23.8	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**22.3**	**22.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	1 404.2	397.4	0.0	0.0	0.0	1.6	41.1	466.5	0.9	496.7	Z	Z
Gross heat production	222.1	120.5	0.0	0.0	0.0	4.0	59.6	34.9	3.1	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

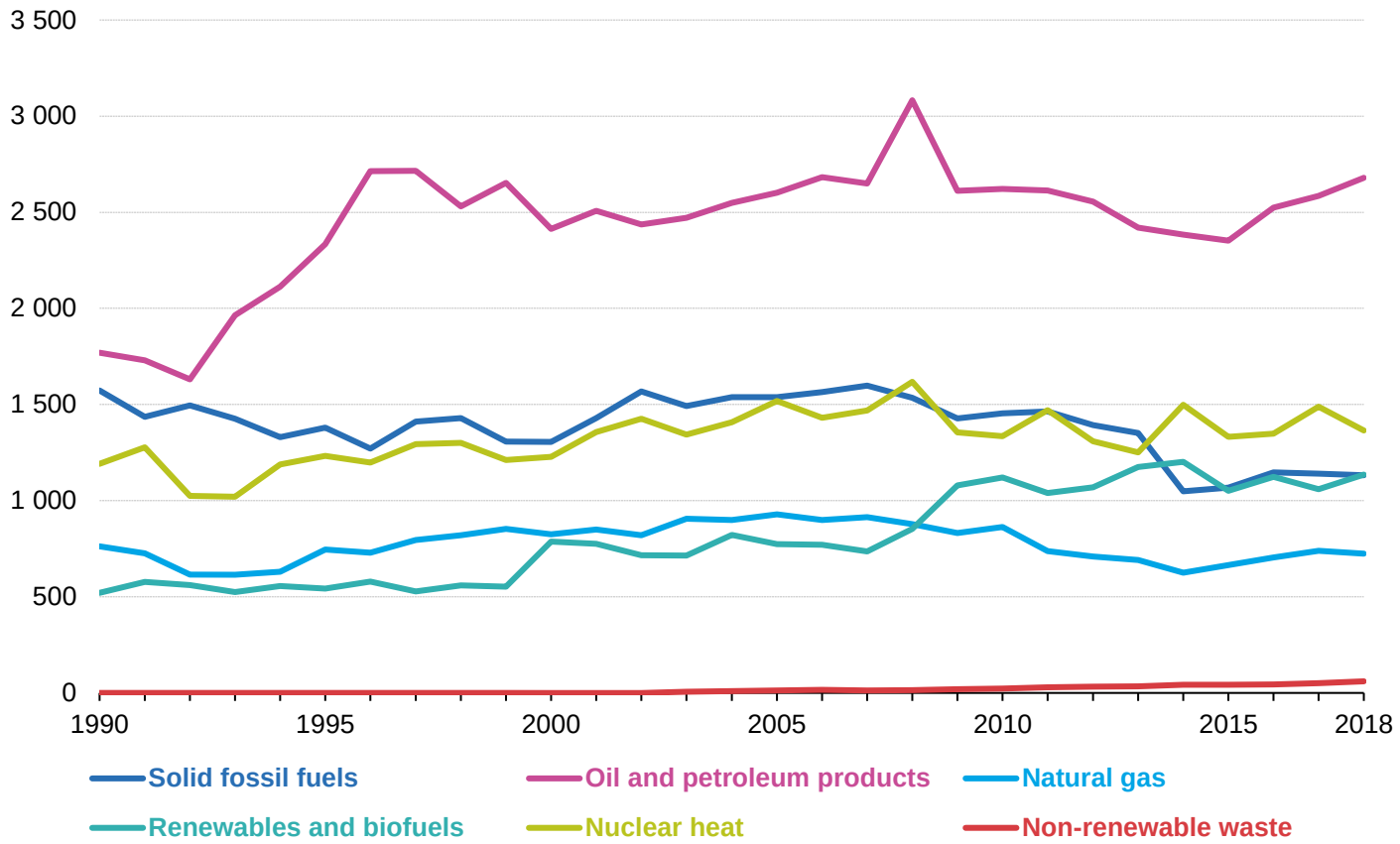
Slovenia	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	7 235	7 237	6 978	6 813	6 568	6 508	6 794	7 020	7 053
Solid fossil fuels	1 453	1 465	1 393	1 352	1 049	1 068	1 147	1 140	1 131
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Petroleum products	2 622	2 613	2 556	2 420	2 384	2 353	2 524	2 586	2 680
Natural gas	863	738	710	692	626	664	705	739	725
Nuclear heat	1 335	1 470	1 308	1 251	1 499	1 332	1 349	1 488	1 365
Renewable energies	1 121	1 040	1 069	1 174	1 202	1 052	1 124	1 060	1 135
Non-renewable wastes	23	29	32	35	43	43	45	51	60
Primary production	3 652	3 705	3 453	3 478	3 521	3 262	3 445	3 515	3 402
Solid fossil fuels	1 196	1 201	1 093	1 075	818	862	942	933	901
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	1	1
Natural gas	6	2	2	3	3	3	4	7	14
Nuclear heat	1 335	1 470	1 308	1 251	1 499	1 332	1 349	1 488	1 365
Renewable energies	1 091	1 003	1 018	1 115	1 157	1 022	1 105	1 035	1 061
Non-renewable wastes	23	29	32	35	43	43	45	51	60
Net imports	3 584	3 516	3 635	3 254	2 987	3 236	3 349	3 582	3 618
Solid fossil fuels	280	257	300	264	226	204	198	198	214
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	1 691	1 725	1 808	1 556	1 581	1 576	1 677	1 802	1 732
Motor Gasoline (w/o bio)	604	591	553	479	437	446	449	438	421
Naphtha	0	0	0	0	0	0	0	0	0
LPG	95	91	88	82	81	89	88	97	104
All other oil & petroleum products	2 600	2 606	2 664	2 354	2 329	2 344	2 532	2 668	2 660
Natural gas	857	736	708	689	623	662	701	731	711
Transformation input	3 407	3 475	3 304	3 275	3 309	2 954	3 099	3 213	3 160
Electricity & heat generation	3 365	3 443	3 258	3 222	3 273	2 931	3 085	3 193	3 094
Refinery intake	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	1 688	1 645	1 626	1 667	1 731	1 529	1 648	1 650	1 692
Electricity & heat generation	1 647	1 613	1 580	1 610	1 695	1 506	1 634	1 630	1 626
Refinery output	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	112	110	111	108	104	100	101	102	103
Distribution losses	119	106	109	105	101	103	105	109	105
Available for final consumption	5 238	5 135	5 006	4 906	4 702	4 790	4 993	5 065	5 115
Solid fossil fuels	71	68	66	70	48	50	52	51	71
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	1 710	1 729	1 711	1 609	1 582	1 582	1 708	1 725	1 713
Motor Gasoline (w/o bio)	604	587	530	483	452	442	438	428	431
Naphtha	0	0	0	0	0	0	0	0	0
LPG	93	88	92	85	81	90	88	92	99
All other oil & petroleum products	2 568	2 549	2 474	2 325	2 287	2 255	2 375	2 396	2 410
Natural gas	699	583	552	545	523	563	604	615	603
Primary solid biofuels & charcoal	576	571	546	571	491	538	556	531	493
Liquid biofuels	46	37	52	64	44	29	18	24	73
All other renewable energies	658	647	639	682	583	618	631	616	626
Non-renewable wastes	23	23	24	27	36	35	36	42	51
Electricity	1 027	1 075	1 069	1 073	1 071	1 100	1 120	1 163	1 179
Heat	192	191	183	183	154	169	175	181	175
Statistical difference	17	10	11	17	-5	4	10	6	22
Final non-energy consumption	211	126	122	117	141	126	128	138	153
Final energy consumption	5 009	4 999	4 873	4 771	4 565	4 660	4 855	4 922	4 940
Industry	1 274	1 237	1 207	1 198	1 231	1 228	1 242	1 296	1 387
Transport	1 778	1 882	1 899	1 814	1 795	1 773	1 883	1 933	1 965
Other sectors	1 957	1 880	1 766	1 760	1 538	1 659	1 730	1 693	1 588
Services	533	531	453	468	427	455	492	480	426
Households	1 326	1 265	1 219	1 203	1 017	1 111	1 148	1 120	1 066

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	7 216	7 205	6 928	6 752	6 511	6 444	6 672	6 865	6 827
Primary energy consumption	7 005	7 079	6 806	6 635	6 369	6 318	6 544	6 728	6 675
Final energy consumption	5 038	5 023	4 897	4 797	4 591	4 686	4 877	4 948	4 976

Source: Eurostat (nrg_bal_c)

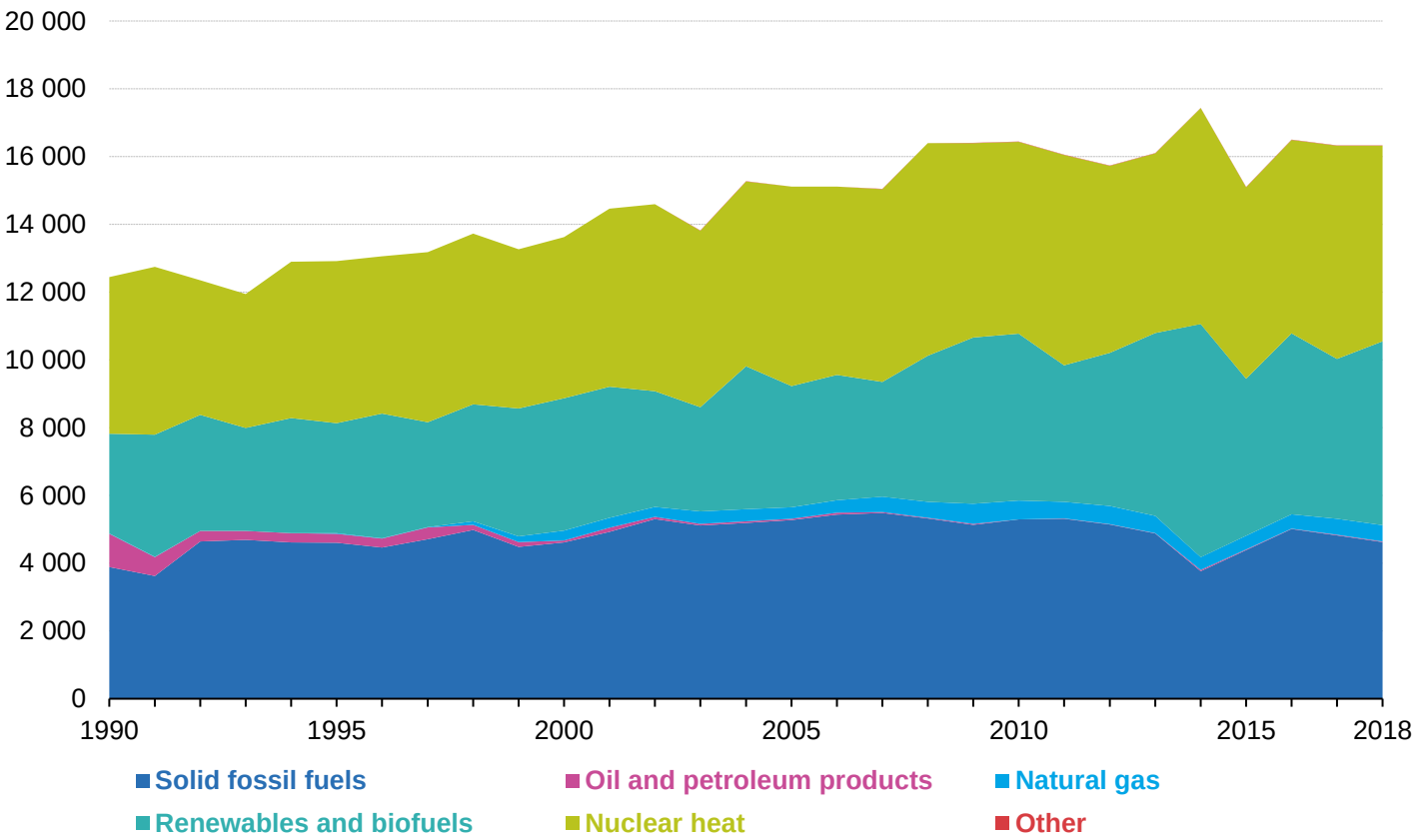
Slovenia

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

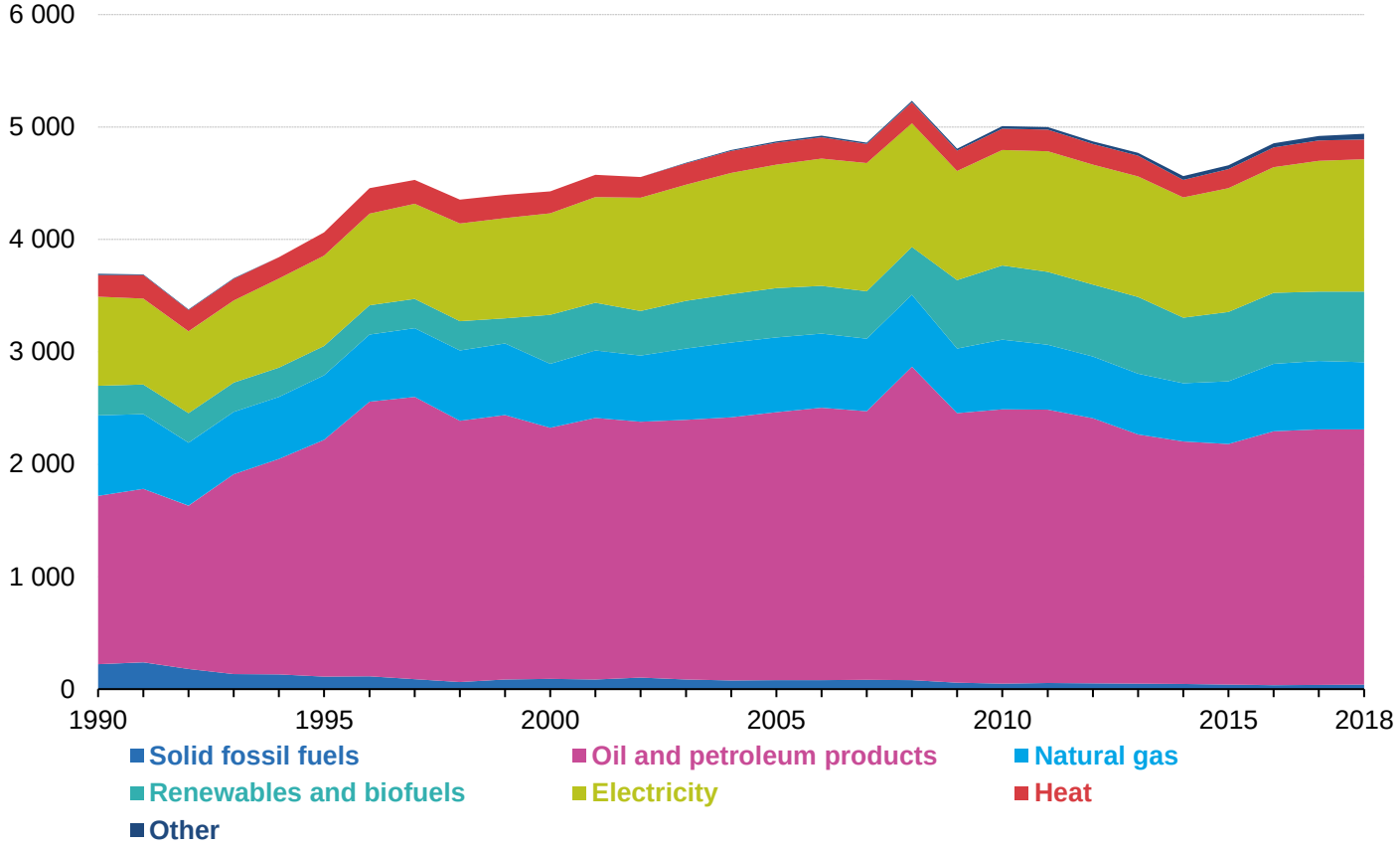


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

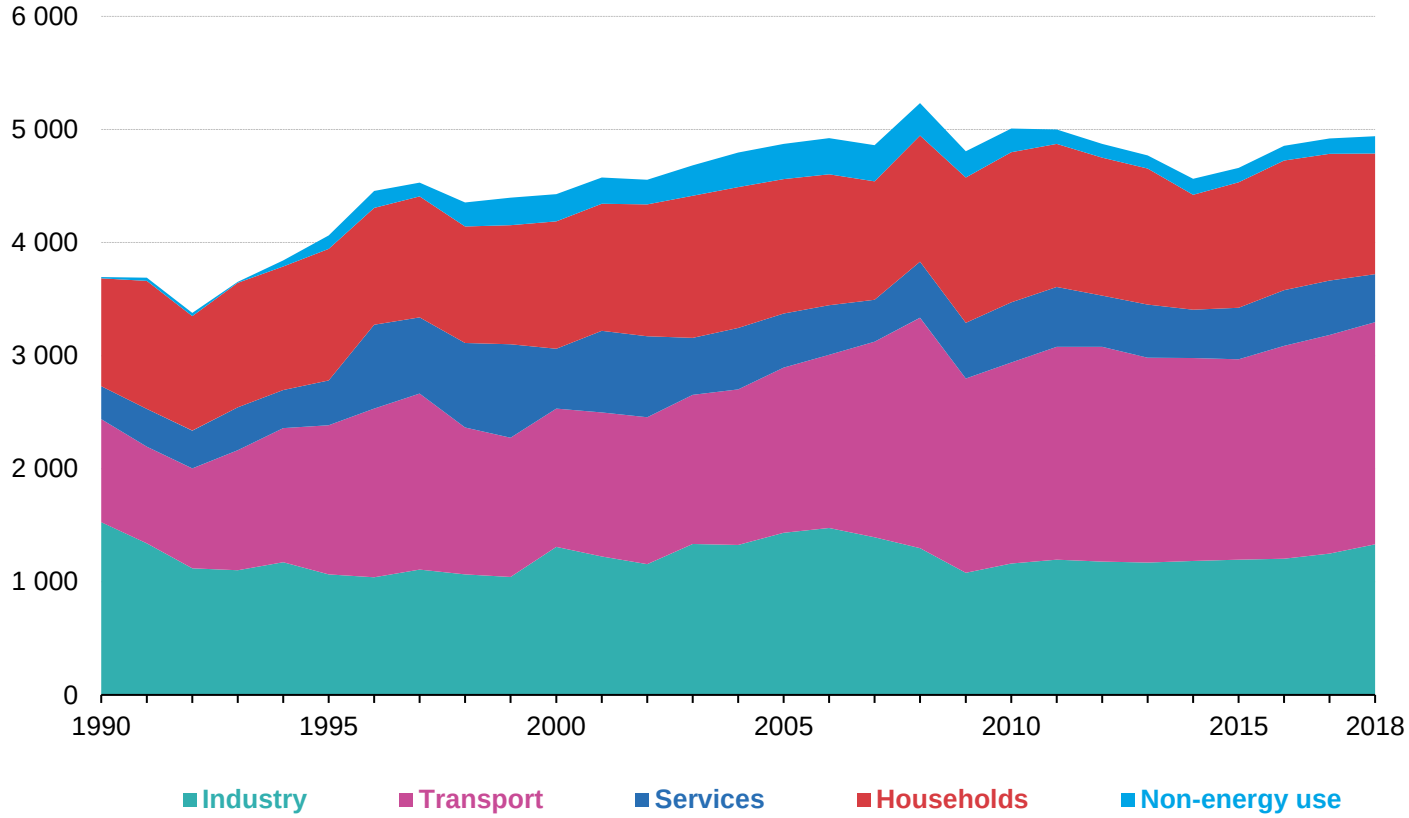
Slovenia

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	16 103	17 437	15 100	16 500	16 326	16 331	16 095 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	1	1	1	1	0	0	1 P
Sub-bituminous coal	403	402	354	385	401	409	309 P
Lignite	4 472	3 356	4 030	4 624	4 422	4 214	4 173 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	4 876	3 759	4 385	5 010	4 824	4 622	4 483 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	509	374	404	420	473	478	536 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	509	374	404	420	473	478	536 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	1	4	5	6 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	7	42	17	10	10	13	2 P
Fuel oil	0	0	0	0	0	0	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	7	42	17	11	14	18	8 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	4 923	6 366	4 091	4 782	4 141	4 893	4 682 P
Geothermal	0	0	0	0	0	0	0 P
Wind	4	4	6	6	6	6	6 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	215	257	274	267	284	255	303 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	120	125	131	136	155	146	147 P
Liquid biofuels	1	4	4	3	5	6	5 P
Biogases	141	129	132	142	130	119	94 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	5 404	6 885	4 638	5 336	4 720	5 425	5 238 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	7	7	8	8	9	10	10 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	7	7	8	8	9	10	10 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	5 300	6 370	5 648	5 715	6 285	5 776	5 821 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	5 300	6 370	5 648	5 715	6 285	5 776	5 821 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	9	7	12	11	11	11	14 P
Sub-bituminous coal	412	387	360	372	403	419	335 P
Lignite	4 030	3 186	3 212	3 376	3 339	3 259	3 123 P
Coke oven coke	37	37	29	27	30	30	28 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	32 185	29 122	30 904	32 799	34 361	33 714	34 221 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	0	0	0	0	0	0 P
Refinery intake	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	3 260	3 707	4 035	4 548	4 720	4 753	4 778 P
Export	935	1 393	1 717	2 045	2 080	2 112	2 304 P
Total refinery output	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Motor gasoline	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	25 796	22 300	24 709	25 478	24 770	22 985	23 471 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	1 454	1 290	1 242	1 264	1 076	1 018	811 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	60	42	27	17	25	76	75 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	1 453	1 809	1 802	1 876	2 139	2 530	2 458 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	1 488	1 548	1 654	1 878	2 048	2 078	2 067 P
Solar thermal	437	452	456	458	458	457	458 P
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Slovak Republic ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	5 999.9	367.0	Z	0.0	0.0	7.2	77.6	1 613.4	174.7	3 760.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	15 357.5	3 113.6	0.0	0.0	0.0	7 399.2	3 651.3	113.2	9.8	Z	1.8	1 068.6
- Exports	4 503.0	46.2	0.0	0.0	0.0	3 565.9	0.0	138.9	0.0	Z	0.0	752.0
+ Change in stock	191.2	-95.4	0.0	0.0	0.0	-54.5	348.2	-6.4	-0.7	Z	Z	Z
= Gross available energy	**17 045.6**	**3 339.0**	**0.0**	**0.0**	**0.0**	**3 786.0**	**4 077.1**	**1 581.3**	**183.9**	**3 760.0**	**1.8**	**316.6**
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**17 045.6**	**3 339.0**	**0.0**	**0.0**	**0.0**	**3 786.0**	**4 077.1**	**1 581.3**	**183.9**	**3 760.0**	**1.8**	**316.6**
- International aviation	47.6	Z	Z	Z	Z	47.6	Z	0.0	Z	Z	Z	Z
= Total energy supply	**16 998.0**	**3 339.0**	**0.0**	**0.0**	**0.0**	**3 738.4**	**4 077.1**	**1 581.3**	**183.9**	**3 760.0**	**1.8**	**316.6**
Transformation input	**16 239.6**	**3 954.8**	**79.1**	**0.0**	**0.0**	**6 488.6**	**801.1**	**1 104.0**	**14.4**	**3 760.0**	**0.0**	**37.7**
+ Electricity & heat generation	6 451.3	908.2	79.1	0.0	0.0	76.7	646.0	929.2	14.4	3 760.0	0.0	37.7
+ Coke ovens	1 466.9	1 466.9	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	1 579.7	1 579.7	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	6 411.8	Z	Z	Z	Z	6 411.8	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	174.8	Z	Z	Z	Z	Z	Z	174.8	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	155.1	0.0	0.0	0.0	0.0	0.0	155.1	0.0	0.0	Z	Z	Z
Transformation output	**11 893.9**	**1 119.0**	**937.8**	**0.0**	**Z**	**6 595.4**	**0.0**	**174.8**	**Z**	**Z**	**747.9**	**2 319.1**
+ Electricity & heat generation	3 067.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	747.9	2 319.1
+ Coke ovens	1 407.6	1 119.0	288.6	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	649.2	0.0	649.2	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	6 286.9	Z	Z	Z	Z	6 286.9	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	174.8	Z	Z	Z	Z	Z	Z	174.8	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	129.8	Z	Z	Z	Z	129.8	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	178.6	0.0	0.0	0.0	Z	178.6	Z	Z	Z	Z	Z	Z
Energy sector	**1 156.5**	**0.3**	**375.1**	**0.0**	**0.0**	**311.1**	**95.8**	**0.0**	**0.0**	**Z**	**112.4**	**261.8**
+ Own use in electricity & heat genera	249.4	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	Z	67.1	181.3
+ Coal mines	7.5	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	Z	1.1	5.9
+ Oil & natural gas extraction plants	13.4	Z	Z	Z	Z	0.0	12.6	0.0	Z	Z	0.0	0.8
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	189.7	0.0	154.3	0.0	0.0	0.0	0.1	0.0	0.0	Z	29.7	5.6
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	253.8	0.0	220.8	0.0	0.0	0.0	2.6	0.0	0.0	Z	14.4	16.1
+ Petroleum refineries (oil refineries)	437.9	0.0	0.0	0.0	0.0	311.1	75.9	0.0	0.0	Z	0.0	50.9
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	4.9	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	Z	0.0	1.3
Distribution losses	**306.9**	**0.3**	**42.4**	**0.0**	**0.0**	**0.0**	**80.8**	**0.6**	**0.0**	**Z**	**76.6**	**106.2**
Available for final consumption	**11 188.9**	**502.6**	**441.2**	**0.0**	**0.0**	**3 534.0**	**3 099.4**	**651.4**	**169.5**	**0.0**	**560.8**	**2 230.0**
Final non-energy consumption	**1 255.4**	**55.4**	**0.0**	**0.0**	**0.0**	**748.8**	**451.2**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**9 911.5**	**425.0**	**441.2**	**0.0**	**0.0**	**2 785.5**	**2 648.1**	**651.4**	**169.5**	**Z**	**560.8**	**2 230.0**
+ Industry	3 662.5	311.4	441.2	0.0	0.0	299.5	887.5	390.6	169.3	Z	62.9	1 100.1
+ Iron & steel	1 069.8	246.4	441.2	0.0	0.0	0.0	156.4	7.3	0.0	Z	0.0	218.5
+ Chemical & petrochemical	480.9	0.0	0.0	0.0	0.0	227.0	134.5	0.4	25.1	Z	11.4	82.6
+ Non-ferrous metals	253.2	2.7	0.0	0.0	0.0	0.0	32.9	0.0	0.0	Z	0.0	217.5
+ Non-metallic minerals	413.1	49.4	0.0	0.0	0.0	48.2	101.8	0.1	143.4	Z	3.8	66.5
+ Transport equipment	216.6	1.4	0.0	0.0	0.0	9.1	86.3	0.2	0.0	Z	3.0	116.7
+ Machinery	279.5	0.3	0.0	0.0	0.0	3.1	113.4	5.5	0.9	Z	0.0	156.3
+ Mining & quarrying	59.1	0.5	0.0	0.0	0.0	4.1	48.2	0.0	0.0	Z	0.0	6.2
+ Food, beverages & tobacco	147.2	10.8	0.0	0.0	0.0	1.0	84.3	2.0	0.0	Z	6.9	42.1
+ Paper, pulp & printing	474.2	0.0	0.0	0.0	0.0	1.0	45.2	328.6	0.0	Z	31.5	68.0
+ Wood & wood products	55.8	0.0	0.0	0.0	0.0	0.0	5.9	28.9	0.0	Z	4.2	16.7
+ Construction	33.0	0.0	0.0	0.0	0.0	6.0	16.6	0.4	0.0	Z	1.0	8.9
+ Textile & leather	23.7	0.0	0.0	0.0	0.0	0.0	11.4	0.1	0.0	Z	1.1	11.2
+ Not elsewhere specified (industry)	156.4	0.0	0.0	0.0	0.0	0.0	50.6	17.0	0.0	Z	0.0	88.8
+ Transport	2 744.1	0.0	0.0	0.0	0.0	2 410.5	133.1	149.9	0.0	Z	Z	50.6
+ Rail	42.7	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	42.7
+ Road	2 527.3	Z	Z	Z	Z	2 375.3	0.0	149.9	0.0	Z	Z	2.1
+ Domestic aviation	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	126.9	Z	Z	Z	Z	0.0	126.9	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	47.1	0.0	0.0	0.0	0.0	35.2	6.2	0.0	0.0	Z	Z	5.8
+ Other	3 504.9	113.5	0.0	0.0	0.0	75.5	1 627.5	110.9	0.2	Z	497.9	1 079.4
+ Commercial & public services	1 314.7	83.1	0.0	0.0	0.0	6.4	489.5	34.7	0.2	Z	80.2	620.6
+ Households	2 057.5	30.2	0.0	0.0	0.0	7.7	1 118.9	45.9	0.0	Z	416.8	438.1
+ Agriculture & forestry	132.7	0.3	0.0	0.0	0.0	61.4	19.2	30.3	0.0	Z	0.9	20.6
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**22.0**	**22.2**	**0.0**	**0.0**	**0.0**	**-0.3**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	2 309.1	258.9	49.3	0.0	0.0	39.5	159.7	524.1	1.5	1 276.3	Z	Z
Gross heat production	747.5	193.1	2.8	0.0	0.0	11.0	350.1	142.0	1.2	45.8	Z	1.6

Source: Eurostat (nrg_bal_c)

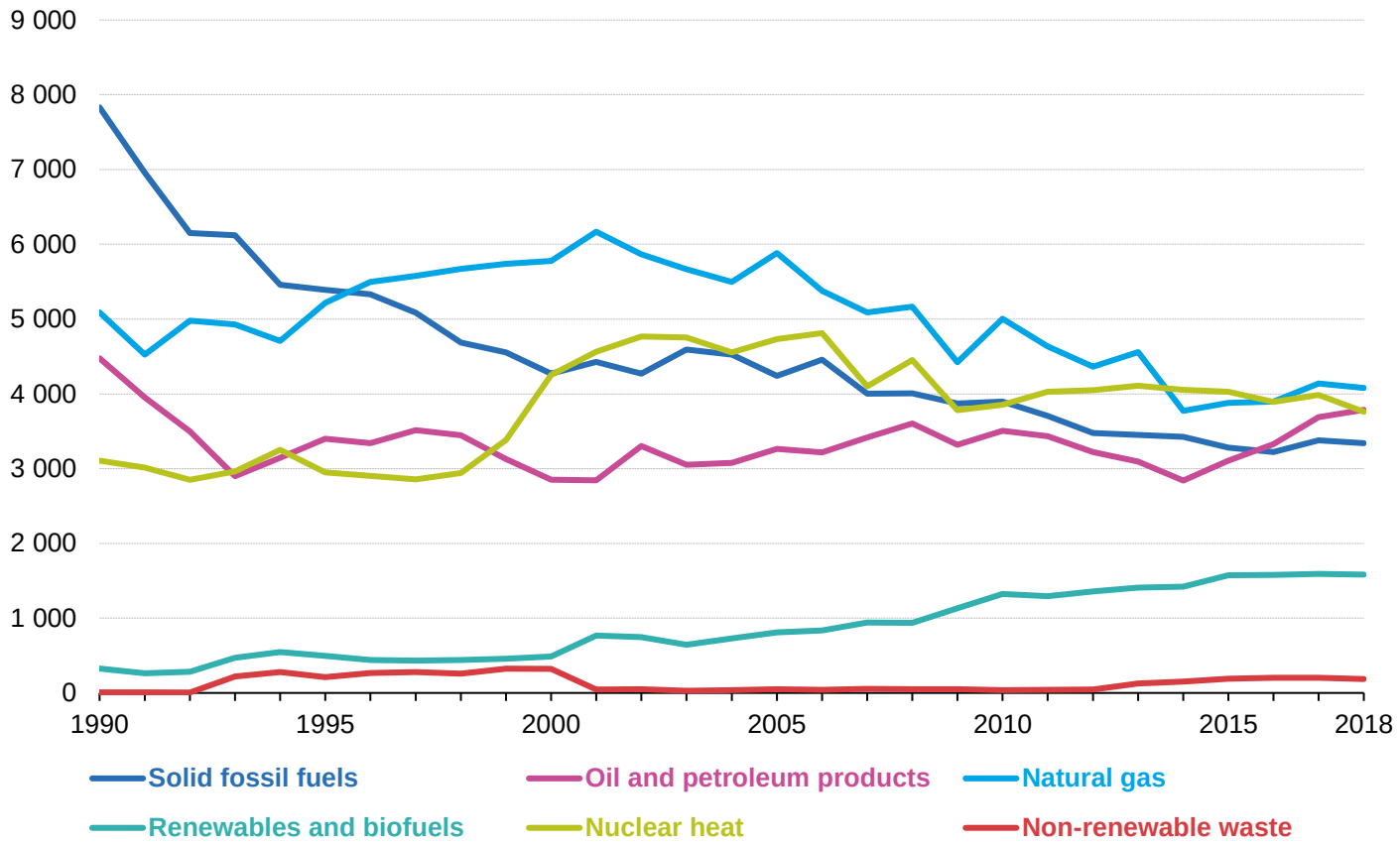
Slovak Republic	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	17 712	17 195	16 551	16 757	15 758	16 265	16 345	17 248	17 046
Solid fossil fuels	3 897	3 704	3 477	3 451	3 424	3 279	3 222	3 377	3 339
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	5 479	6 015	5 421	5 814	5 242	5 954	5 763	5 581	5 451
Petroleum products	3 505	3 433	3 222	3 095	2 840	3 105	3 326	3 690	3 786
Natural gas	5 006	4 637	4 365	4 558	3 772	3 879	3 895	4 137	4 077
Nuclear heat	3 853	4 027	4 050	4 111	4 053	4 028	3 894	3 985	3 760
Renewable energies	1 325	1 292	1 359	1 409	1 420	1 576	1 577	1 592	1 581
Non-renewable wastes	35	40	44	126	152	191	201	205	184
Primary production	6 009	6 170	6 236	6 413	6 319	6 394	6 234	6 370	6 000
Solid fossil fuels	613	602	567	584	579	495	452	446	367
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	15	17	14	12	12	12	10	8	7
Natural gas	88	103	127	104	84	78	77	117	78
Nuclear heat	3 853	4 027	4 050	4 111	4 053	4 028	3 894	3 985	3 760
Renewable energies	1 404	1 387	1 433	1 467	1 441	1 592	1 603	1 615	1 613
Non-renewable wastes	34	34	43	134	151	190	198	198	175
Net imports	11 415	11 337	10 200	10 192	9 791	9 775	9 897	11 184	10 854
Solid fossil fuels	2 952	3 026	3 117	2 781	2 853	2 772	2 683	2 965	3 067
Crude oil	5 469	6 026	5 381	5 870	5 296	5 910	5 800	5 548	5 448
Gas/Diesel Oil (w/o bio)	-1 208	-1 569	-1 275	-1 449	-1 227	-1 562	-1 364	-1 005	-806
Motor Gasoline (w/o bio)	-673	-878	-798	-876	-789	-980	-923	-892	-834
Naphtha	10	0	-32	-118	-106	-75	-30	-24	123
LPG	44	36	35	-18	-24	-22	-22	-12	-16
All other oil & petroleum products	3 450	3 464	3 204	3 126	2 913	3 124	3 394	3 599	3 833
Natural gas	5 003	4 860	3 921	4 345	3 954	3 687	3 617	4 368	3 651
Transformation input	17 338	17 840	16 863	17 742	16 124	17 089	16 801	16 992	16 240
Electricity & heat generation	7 243	7 357	7 395	7 346	6 832	6 914	6 781	6 924	6 451
Refinery intake	6 158	6 732	5 939	6 617	5 761	6 505	6 292	6 178	5 977
Coke ovens	1 504	1 455	1 411	1 397	1 436	1 517	1 518	1 462	1 467
Blast furnaces	1 543	1 370	1 463	1 491	1 561	1 447	1 514	1 598	1 580
Transformation output	12 716	13 199	12 037	12 998	11 704	12 476	12 287	12 435	11 894
Electricity & heat generation	3 556	3 509	3 496	3 495	3 187	3 189	3 223	3 287	3 067
Refinery output	6 013	6 581	5 787	6 496	5 830	6 370	6 136	6 101	5 853
Coke ovens	1 457	1 428	1 383	1 352	1 363	1 448	1 444	1 391	1 408
Blast furnaces	629	575	563	564	602	577	609	642	649
Energy sector	1 289	1 271	1 199	1 233	1 289	1 220	1 218	1 286	1 157
Distribution losses	289	230	292	229	280	363	336	328	307
Available for final consumption	11 470	11 011	10 198	10 508	9 732	10 025	10 227	11 037	11 189
Solid fossil fuels	808	832	580	590	558	522	444	493	503
Manufactured gases	416	404	380	380	414	401	428	434	441
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	1 548	1 512	1 469	1 447	1 424	1 367	1 537	1 873	1 903
Motor Gasoline (w/o bio)	601	572	558	566	555	578	610	609	571
Naphtha	406	400	260	275	269	214	250	267	333
LPG	109	115	122	124	113	130	126	148	179
All other oil & petroleum products	3 056	2 986	2 807	2 734	2 665	2 698	2 879	3 301	3 534
Natural gas	3 702	3 316	3 141	3 387	2 756	2 866	2 902	3 135	3 099
Primary solid biofuels & charcoal	423	424	320	292	367	445	388	394	459
Liquid biofuels	98	98	91	99	134	144	145	149	150
All other renewable energies	541	550	441	408	512	635	574	599	651
Non-renewable wastes	21	21	28	110	141	174	182	187	169
Electricity	2 075	2 133	2 058	2 157	2 077	2 096	2 148	2 219	2 230
Heat	851	767	763	743	610	632	670	669	561
Statistical difference	47	52	34	29	63	38	24	35	22
Final non-energy consumption	1 053	1 226	965	1 067	928	1 047	978	1 099	1 255
Final energy consumption	10 371	9 733	9 198	9 412	8 740	8 940	9 226	9 903	9 912
Industry	3 224	3 255	3 234	3 115	3 242	3 333	3 309	3 452	3 663
Transport	2 595	2 597	2 300	2 309	2 176	2 169	2 430	2 773	2 744
Other sectors	4 552	3 880	3 665	3 989	3 322	3 438	3 487	3 678	3 505
Services	2 105	1 602	1 451	1 711	1 233	1 300	1 308	1 427	1 315
Households	2 312	2 121	2 070	2 147	1 952	1 988	2 030	2 109	2 058

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	17 712	17 195	16 551	16 757	15 758	16 265	16 345	17 248	17 046
Primary energy consumption	16 659	15 970	15 586	15 689	14 829	15 218	15 367	16 148	15 790
Final energy consumption	11 539	10 766	10 340	10 590	9 957	10 065	10 403	11 127	11 113

Source: Eurostat (nrg_bal_c)

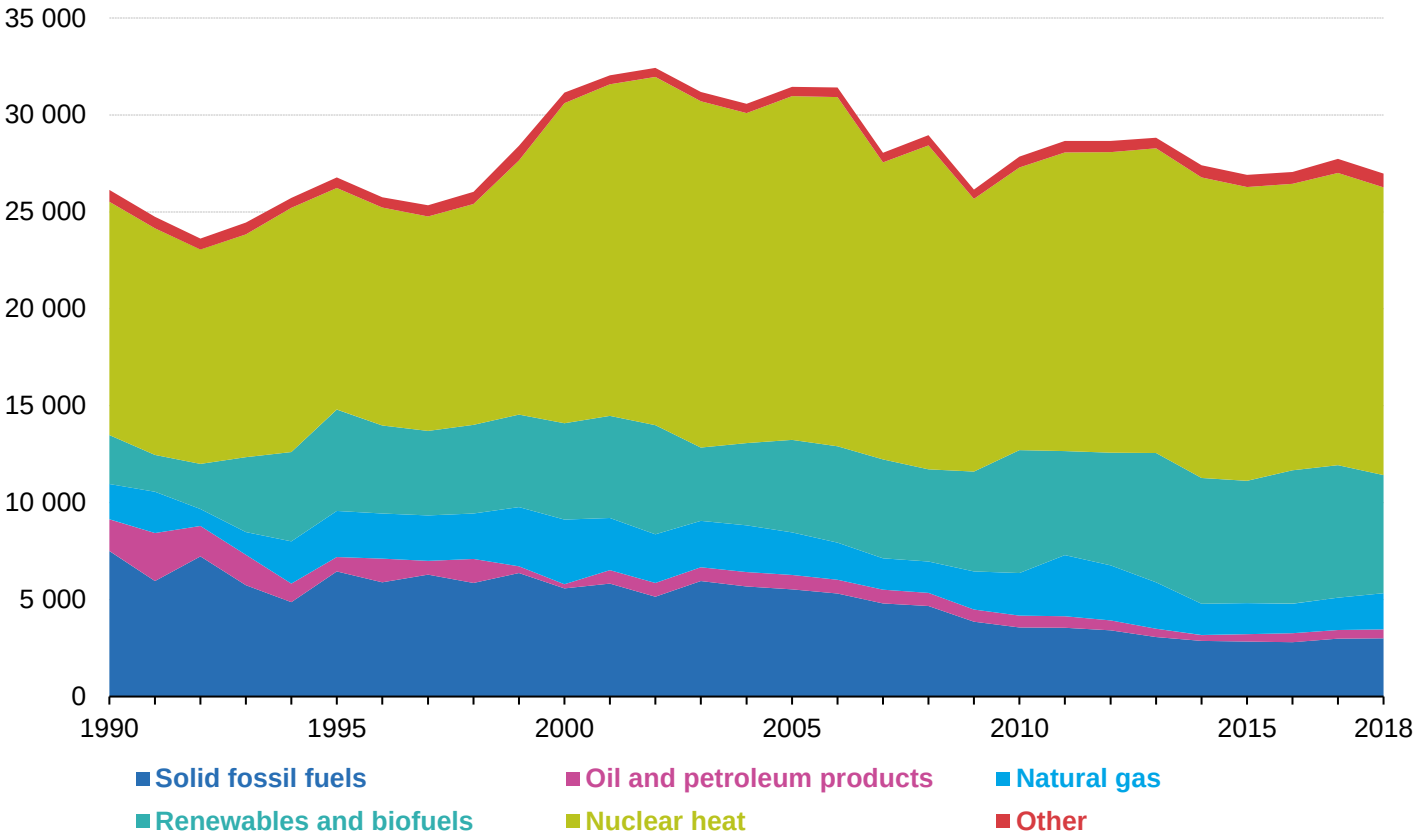
Slovak Republic

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

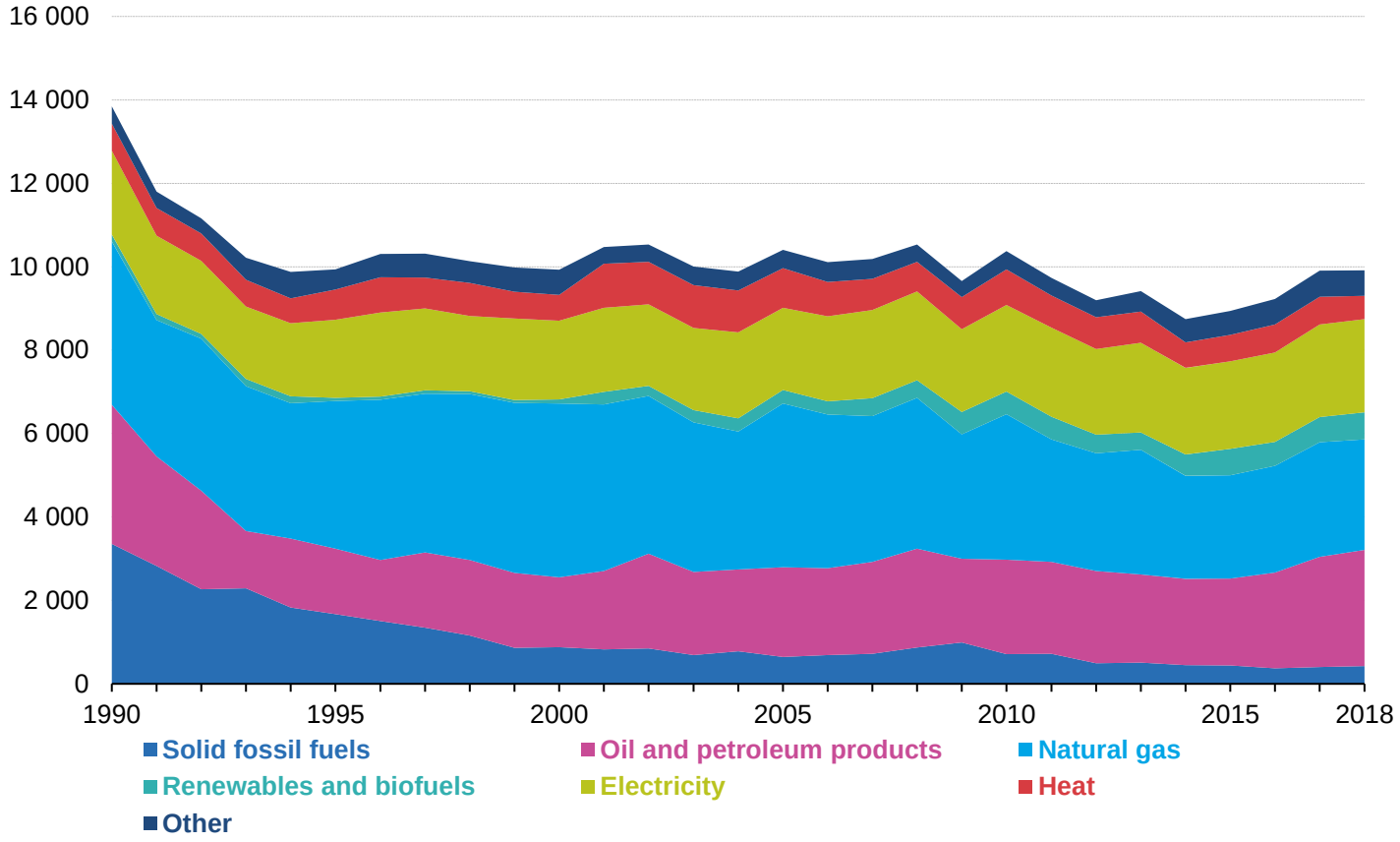


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

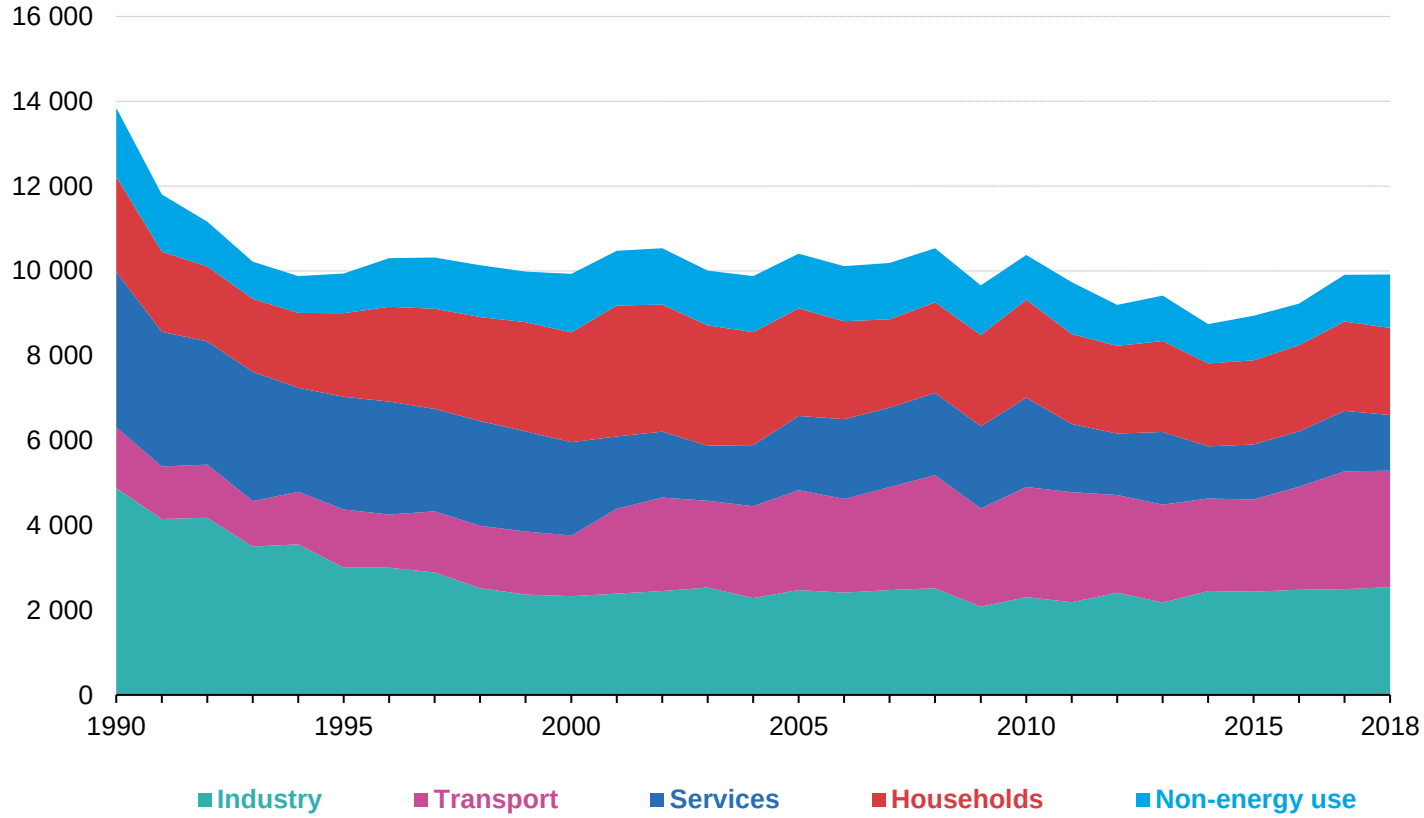
Slovak Republic

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	28 832	27 401	26 903	27 064	27 738	26 971	27 808 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	95	90	4	140	132	116	85 E
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	956	863	956	928	1 161	1 352	990 E
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	2 002	1 914	1 867	1 730	1 697	1 543	1 109 E
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	21	6	3	1	1	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	3 074	2 873	2 830	2 799	2 991	3 011	2 184 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	2 393	1 619	1 604	1 524	1 667	1 857	2 849 E
Coke oven gas	144	156	210	183	191	196	140 E
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	275	269	236	226	293	318	203 E
Other recovered gases	33	58	56	60	65	59	40 E
Sub-total	2 845	2 102	2 106	1 993	2 216	2 430	3 232 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	18	28	24	15	29	27	27 E
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	5	3	2	2	4	2	2 E
Fuel oil	406	271	358	453	406	430	430 E
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	429	302	384	470	439	459	459 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	5 166	4 462	4 137	4 606	4 623	3 879	4 542 P
Geothermal	0	0	0	0	0	0	0 P
Wind	6	6	6	6	6	6	5 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	588	597	506	533	506	585	589 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	677	916	1 099	1 129	1 080	1 070	801 E
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	213	479	541	576	594	539	396 E
Renewable municipal waste	21	22	22	26	22	16	12 E
Sub-total	6 671	6 482	6 311	6 876	6 831	6 095	6 345 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	13	14	15	6	6	4	3 E
Non-renewable municipal waste	11	11	11	16	19	13	10 E
Sub-total	24	25	26	22	25	17	13 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	15 720	15 499	15 146	14 774	15 081	14 843	15 505 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	69	118	100	130	155	116	70 E
Sub-total	15 789	15 617	15 246	14 904	15 236	14 959	15 575 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	185	219	122	167	184	193	159 E
Coking coal	2 560	2 682	2 739	2 718	2 720	2 709	2 320 E
Other bituminous coal	1 172	947	904	781	900	1 018	872 E
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	2 730	2 451	2 598	2 420	2 349	2 054	1 908 P
Coke oven coke	1 721	1 747	1 661	1 770	1 794	1 803	1 456 P
Patent fuel	12	9	8	9	11	11	9 E
Brown coal briquettes	63	30	17	30	31	18	23 E
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	212 040	175 489	180 472	181 211	192 439	189 665	180 834 P
Coke oven gas	12 695	12 964	13 709	13 679	12 688	13 427	11 615 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	21 056	21 904	20 114	21 068	22 124	22 696	17 065 P
Other recovered gases	2 543	3 285	4 043	4 412	4 755	4 483	3 177 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	5 863	5 291	5 907	5 797	5 591	5 440	5 142 P
Refinery intake	6 572	5 745	6 487	6 274	6 150	5 950	5 571 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1 380	1 302	1 655	1 754	1 972	1 944	1 561 P
Export	4 112	3 644	4 381	4 116	3 895	3 540	3 134 P
Total refinery output	6 552	5 725	6 437	6 214	6 119	5 930	5 552 P
Gas oil and diesel oil	2 913	2 660	2 976	2 852	2 852	2 704	2 606 P
Motor gasoline	1 395	1 291	1 485	1 485	1 395	1 362	1 134 P
Fuel oil	677	489	471	470	363	482	520 P
Naphtha	470	385	415	384	472	397	430 P
Kerosene-type jet fuel	118	78	92	99	76	95	78 P
All other oil products	979	822	998	924	961	890	784 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	31 777	31 475	36 814	34 573	34 627	37 230	37 000 E
Charcoal [kt]	1	0	0	0	5	4	0 P
Biogases [TJ]	2 300	4 025	6 223	6 357	6 384	6 228	6 000 E
Pure biogasoline [kt]	54	58	51	50	61	58	56 P
Pure biodiesels [kt]	128	127	144	145	154	153	152 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	653	485	625	815	1 194	629	680 E
Non-renewable municipal waste	454	1 235	1 043	715	1 020	532	550 E
Industrial waste (non-renewable)	4 801	5 109	6 939	7 699	7 559	7 166	6 500 E

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	273	296	297	346	359	376	376 E
Solar thermal	235	242	230	234	273	299	290 E
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Finland ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	19 697.6	0.0	Z	1 857.3	0.0	0.0	0.0	11 952.6	293.9	5 444.1	149.7	Z
+ Recovered & recycled products	9.8	0.0	Z	0.0	0.0	9.8	Z	0.0	Z	Z	Z	Z
+ Imports	25 109.4	2 853.4	0.0	10.7	0.0	17 971.8	2 179.1	155.6	0.0	Z	0.0	1 938.8
- Exports	9 303.7	81.5	0.0	0.0	0.0	8 953.1	0.0	44.5	0.0	Z	0.0	224.6
+ Change in stock	-296.3	-17.6	0.0	-390.1	0.0	117.0	-5.5	-0.0	0.0	Z	Z	Z
= Gross available energy	**35 216.8**	**2 754.3**	**0.0**	**1 477.8**	**0.0**	**9 145.4**	**2 173.6**	**12 063.7**	**293.9**	**5 444.1**	**149.7**	**1 714.2**
- International maritime bunkers	325.9	0.0	0.0	0.0	0.0	324.8	1.1	0.0	Z	Z	Z	Z
= Gross inland consumption	**34 890.9**	**2 754.3**	**0.0**	**1 477.8**	**0.0**	**8 820.6**	**2 172.5**	**12 063.7**	**293.9**	**5 444.1**	**149.7**	**1 714.2**
- International aviation	778.8	Z	Z	Z	Z	778.8	Z	0.0	Z	Z	Z	Z
= Total energy supply	**34 112.2**	**2 754.3**	**0.0**	**1 477.8**	**0.0**	**8 041.9**	**2 172.5**	**12 063.7**	**293.9**	**5 444.1**	**149.7**	**1 714.2**
Transformation input	**35 788.1**	**3 344.4**	**183.2**	**1 259.5**	**0.0**	**17 948.7**	**1 344.3**	**5 793.4**	**240.8**	**5 444.1**	**193.4**	**36.3**
+ Electricity & heat generation	15 641.7	1 534.1	183.2	1 259.5	0.0	231.6	1 104.5	5 414.2	240.8	5 444.1	193.4	36.3
+ Coke ovens	840.5	840.5	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	813.8	813.8	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	17 717.0	Z	Z	Z	Z	17 717.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	8.8	Z	0.0	Z	Z	0.0	Z	8.8	Z	Z	Z	Z
+ Liquid biofuels blended	370.5	Z	Z	Z	Z	Z	Z	370.5	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	395.9	156.1	0.0	0.0	0.0	0.0	239.8	0.0	0.0	Z	Z	Z
Transformation output	**29 731.7**	**636.1**	**545.1**	**0.0**	**Z**	**17 602.1**	**8.8**	**370.5**	**Z**	**Z**	**4 527.6**	**6 041.5**
+ Electricity & heat generation	10 569.2	Z	Z	Z	Z	Z	Z	Z	Z	Z	4 527.6	6 041.5
+ Coke ovens	814.0	636.1	177.9	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	367.2	0.0	367.2	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	17 385.6	Z	Z	Z	Z	17 385.6	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	8.8	Z	Z	Z	Z	Z	8.8	Z	Z	Z	Z	Z
+ Liquid biofuels blended	370.5	Z	Z	Z	Z	Z	Z	370.5	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	216.5	Z	Z	Z	Z	216.5	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**1 413.7**	**0.0**	**193.0**	**0.0**	**0.0**	**599.4**	**103.6**	**41.5**	**0.0**	**Z**	**133.8**	**342.4**
+ Own use in electricity & heat genera	234.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	234.7
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	72.9	0.0	72.9	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	107.4	0.0	107.4	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	986.0	0.0	0.0	0.0	0.0	599.4	103.6	41.5	0.0	Z	133.8	107.7
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	12.7	0.0	12.7	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Distribution losses	**649.0**	**0.0**	**29.3**	**0.0**	**0.0**	**9.3**	**13.1**	**0.0**	**0.0**	**Z**	**337.3**	**260.0**
Available for final consumption	**25 993.0**	**46.0**	**139.5**	**218.4**	**0.0**	**7 086.6**	**720.2**	**6 599.2**	**53.2**	**0.0**	**4 012.8**	**7 117.0**
Final non-energy consumption	**1 435.1**	**0.0**	**0.0**	**0.0**	**0.0**	**1 323.9**	**111.1**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**25 073.7**	**128.8**	**139.5**	**218.4**	**0.0**	**6 205.3**	**599.4**	**6 599.2**	**53.2**	**Z**	**4 013.0**	**7 116.9**
+ Industry	11 136.0	126.5	139.5	163.2	0.0	1 308.4	536.2	4 141.5	53.2	Z	1 272.3	3 395.3
+ Iron & steel	765.5	26.6	115.5	0.0	0.0	99.4	66.5	0.0	0.0	Z	87.1	370.4
+ Chemical & petrochemical	1 100.1	0.0	0.0	0.0	0.0	345.5	41.5	5.7	12.8	Z	274.4	420.2
+ Non-ferrous metals	261.9	7.9	0.0	0.0	0.0	37.9	1.2	0.6	1.0	Z	47.1	166.2
+ Non-metallic minerals	314.2	42.5	24.0	0.2	0.0	93.7	28.1	27.0	15.8	Z	13.4	69.3
+ Transport equipment	60.0	0.0	0.0	0.0	0.0	11.7	0.7	0.1	0.0	Z	22.1	25.4
+ Machinery	322.1	0.0	0.0	0.0	0.0	30.8	5.4	1.1	0.0	Z	83.8	201.0
+ Mining & quarrying	163.9	0.0	0.0	0.0	0.0	33.1	0.1	1.6	0.0	Z	4.8	124.3
+ Food, beverages & tobacco	425.5	12.4	0.0	0.0	0.0	34.3	16.2	9.4	0.0	Z	177.1	176.1
+ Paper, pulp & printing	6 501.3	37.1	0.0	157.4	0.0	150.5	370.6	3 878.8	21.7	Z	312.9	1 572.2
+ Wood & wood products	573.3	0.0	0.0	5.6	0.0	12.1	0.0	213.7	0.0	Z	199.1	142.8
+ Construction	409.2	0.0	0.0	0.0	0.0	373.6	0.0	0.0	0.0	Z	0.0	35.7
+ Textile & leather	23.4	0.0	0.0	0.0	0.0	1.0	2.6	1.2	1.1	Z	7.6	9.8
+ Not elsewhere specified (industry)	215.6	0.0	0.0	0.0	0.0	84.9	3.2	2.2	0.6	Z	42.8	81.8
+ Transport	4 241.5	0.0	0.0	0.0	0.0	3 790.2	12.0	366.8	0.0	Z	Z	72.5
+ Rail	92.1	0.0	0.0	0.0	0.0	23.6	Z	0.0	0.0	Z	Z	68.5
+ Road	3 946.1	Z	Z	Z	Z	3 570.4	6.9	364.9	0.0	Z	Z	4.0
+ Domestic aviation	70.3	Z	Z	Z	Z	70.3	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	127.8	0.0	0.0	0.0	0.0	125.9	Z	2.0	0.0	Z	Z	Z
+ Pipeline transport	3.3	Z	Z	Z	Z	0.0	3.3	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	Z	Z	0.0
+ Other	9 696.2	2.4	0.0	55.1	0.0	1 106.8	51.2	2 090.9	0.0	Z	2 740.7	3 649.1
+ Commercial & public services	3 078.0	0.0	0.0	2.4	0.0	263.7	25.8	139.2	0.0	Z	1 082.0	1 564.9
+ Households	5 691.1	0.0	0.0	3.6	0.0	329.0	24.5	1 769.3	0.0	Z	1 610.2	1 954.5
+ Agriculture & forestry	688.4	2.4	0.0	49.1	0.0	324.0	0.9	169.4	0.0	Z	13.0	129.7
+ Fishing	29.8	0.0	0.0	0.0	0.0	29.8	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	208.9	0.0	0.0	0.0	0.0	160.4	0.0	13.0	0.0	Z	35.5	0.0
Statistical differences	**-515.8**	**-82.8**	**0.0**	**0.0**	**0.0**	**-442.6**	**9.7**	**0.0**	**0.0**	**0.0**	**-0.2**	**0.2**
Gross electricity production	6 017.4	497.9	69.1	298.7	0.0	22.8	360.6	2 763.6	44.8	1 959.8	Z	Z
Gross heat production	4 078.6	687.4	29.8	665.0	0.0	161.9	616.5	1 783.6	132.8	0.0	Z	1.6

Source: Eurostat (nrg_bal_c)

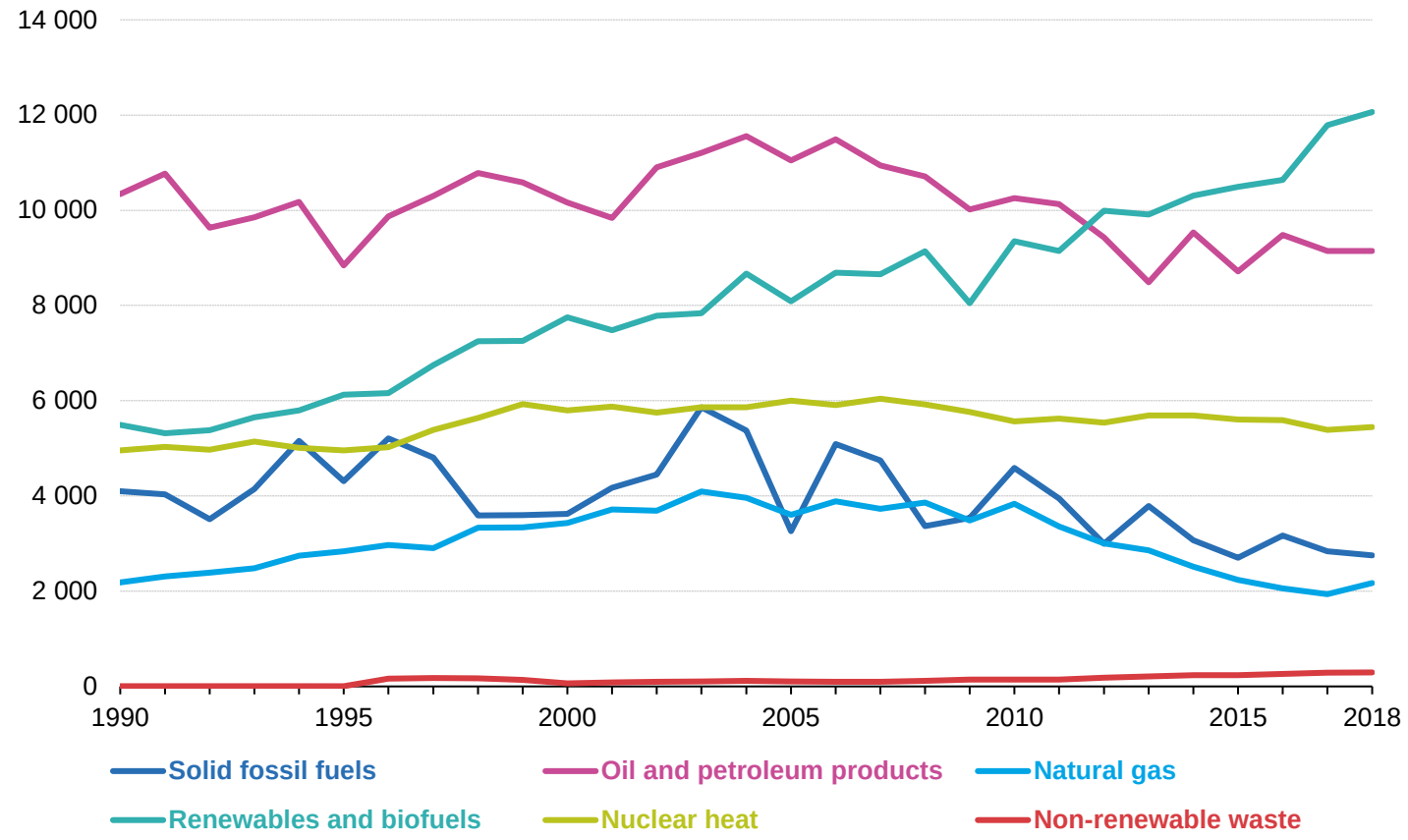
Finland	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	37 062	35 686	34 334	33 802	34 473	32 914	34 340	34 585	35 217
Solid fossil fuels	4 587	3 948	2 995	3 788	3 070	2 702	3 168	2 841	2 754
Peat & peat products	2 291	2 030	1 558	1 350	1 427	1 385	1 346	1 283	1 478
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	11 372	12 012	12 015	11 965	12 273	10 571	12 394	12 909	12 993
Petroleum products	10 257	10 132	9 428	8 488	9 533	8 716	9 485	9 143	9 145
Natural gas	3 837	3 360	3 005	2 856	2 513	2 236	2 059	1 937	2 174
Nuclear heat	5 565	5 627	5 536	5 694	5 688	5 606	5 590	5 390	5 444
Renewable energies	9 353	9 145	9 991	9 912	10 305	10 489	10 635	11 787	12 064
Non-renewable wastes	146	145	184	209	236	239	263	290	294
Primary production	17 143	16 811	16 894	17 687	17 804	17 213	17 277	18 238	19 698
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	1 808	1 688	992	1 701	1 603	838	720	731	1 857
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	68	61	71	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	5 565	5 627	5 536	5 694	5 688	5 606	5 590	5 390	5 444
Renewable energies	9 433	9 183	9 973	9 930	10 122	10 395	10 539	11 669	11 953
Non-renewable wastes	146	145	184	209	236	239	263	290	294
Net imports	18 079	19 214	16 160	16 812	17 229	15 803	15 767	15 212	15 806
Solid fossil fuels	3 958	4 553	2 600	3 346	3 607	2 498	2 716	2 599	2 772
Crude oil	10 974	11 245	11 026	11 365	11 480	10 264	11 462	11 222	11 729
Gas/Diesel Oil (w/o bio)	-1 107	-405	-780	-940	-1 526	-1 153	-1 946	-2 009	-2 084
Motor Gasoline (w/o bio)	-2 377	-2 480	-2 495	-2 579	-2 726	-1 954	-2 485	-2 609	-2 515
Naphtha	463	279	152	93	128	251	252	305	391
LPG	277	338	313	755	847	857	805	782	863
All other oil & petroleum products	9 464	10 125	9 018	9 268	9 359	9 555	9 256	8 817	9 019
Natural gas	3 837	3 360	3 005	2 856	2 513	2 236	2 059	1 916	2 179
Transformation input	38 797	38 184	36 583	37 404	35 721	32 926	35 618	35 578	35 788
Electricity & heat generation	18 720	17 050	16 369	16 722	15 907	15 235	15 721	15 193	15 642
Refinery intake	14 525	15 381	14 736	15 003	14 453	12 889	14 896	15 151	15 142
Coke ovens	836	850	861	858	867	857	855	831	840
Blast furnaces	917	892	810	715	744	779	789	760	814
Transformation output	31 139	31 142	30 422	30 652	29 525	27 247	29 654	30 138	29 732
Electricity & heat generation	11 976	10 807	10 823	10 626	10 264	10 137	10 588	10 414	10 569
Refinery output	14 269	15 186	14 685	14 950	14 464	12 906	14 700	15 120	14 845
Coke ovens	780	831	838	826	846	838	839	813	814
Blast furnaces	351	349	304	323	343	360	367	346	367
Energy sector	1 574	1 619	1 536	1 511	1 447	1 370	1 440	1 401	1 414
Distribution losses	717	675	719	645	671	625	666	715	649
Available for final consumption	26 362	25 512	25 180	24 127	25 435	24 304	25 342	25 993	25 993
Solid fossil fuels	232	596	82	120	7	262	177	143	46
Manufactured gases	166	134	119	117	121	135	144	122	140
Peat & peat products	263	271	228	197	206	224	211	204	218
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	4 376	4 385	3 736	3 174	3 883	3 828	4 178	3 952	3 638
Motor Gasoline (w/o bio)	1 826	1 691	1 763	1 445	1 562	1 460	1 341	1 331	1 539
Naphtha	481	359	236	326	283	296	245	240	184
LPG	415	601	508	1 064	1 070	1 057	1 100	917	1 143
All other oil & petroleum products	8 150	8 035	7 744	6 945	8 134	7 042	7 633	7 363	7 087
Natural gas	827	775	727	727	679	631	638	730	720
Primary solid biofuels & charcoal	4 662	4 491	4 679	4 668	4 845	4 820	5 162	5 306	5 521
Liquid biofuels	245	184	255	283	533	501	183	399	375
All other renewable energies	4 956	4 729	5 007	5 019	5 444	5 383	5 413	6 377	6 599
Non-renewable wastes	35	22	40	53	55	49	51	54	53
Electricity	7 180	6 888	6 941	6 875	6 806	6 748	6 961	6 968	7 117
Heat	4 554	4 061	4 293	4 075	3 983	3 831	4 114	4 032	4 013
Statistical difference	53	628	152	-915	501	-76	-133	-53	-516
Final non-energy consumption	1 224	1 127	1 057	1 482	1 519	1 331	1 461	1 437	1 435
Final energy consumption	25 085	23 756	23 971	23 560	23 415	23 050	24 013	24 610	25 074
Industry	10 715	10 517	10 233	10 270	10 219	10 209	10 534	10 696	11 136
Transport	4 304	4 300	4 197	4 210	4 114	4 106	4 180	4 195	4 241
Other sectors	10 066	8 939	9 541	9 080	9 082	8 735	9 298	9 719	9 696
Services	3 100	2 865	3 029	2 907	2 890	2 736	2 889	2 960	3 078
Households	5 870	5 138	5 492	5 173	5 126	4 952	5 343	5 761	5 691

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	36 727	35 379	34 075	33 518	34 221	32 483	33 888	33 523	34 172
Primary energy consumption	35 503	34 251	33 017	32 036	32 702	31 152	32 427	32 087	32 737
Final energy consumption	26 264	25 029	25 180	24 680	24 525	24 213	25 182	25 258	25 837

Source: Eurostat (nrg_bal_c)

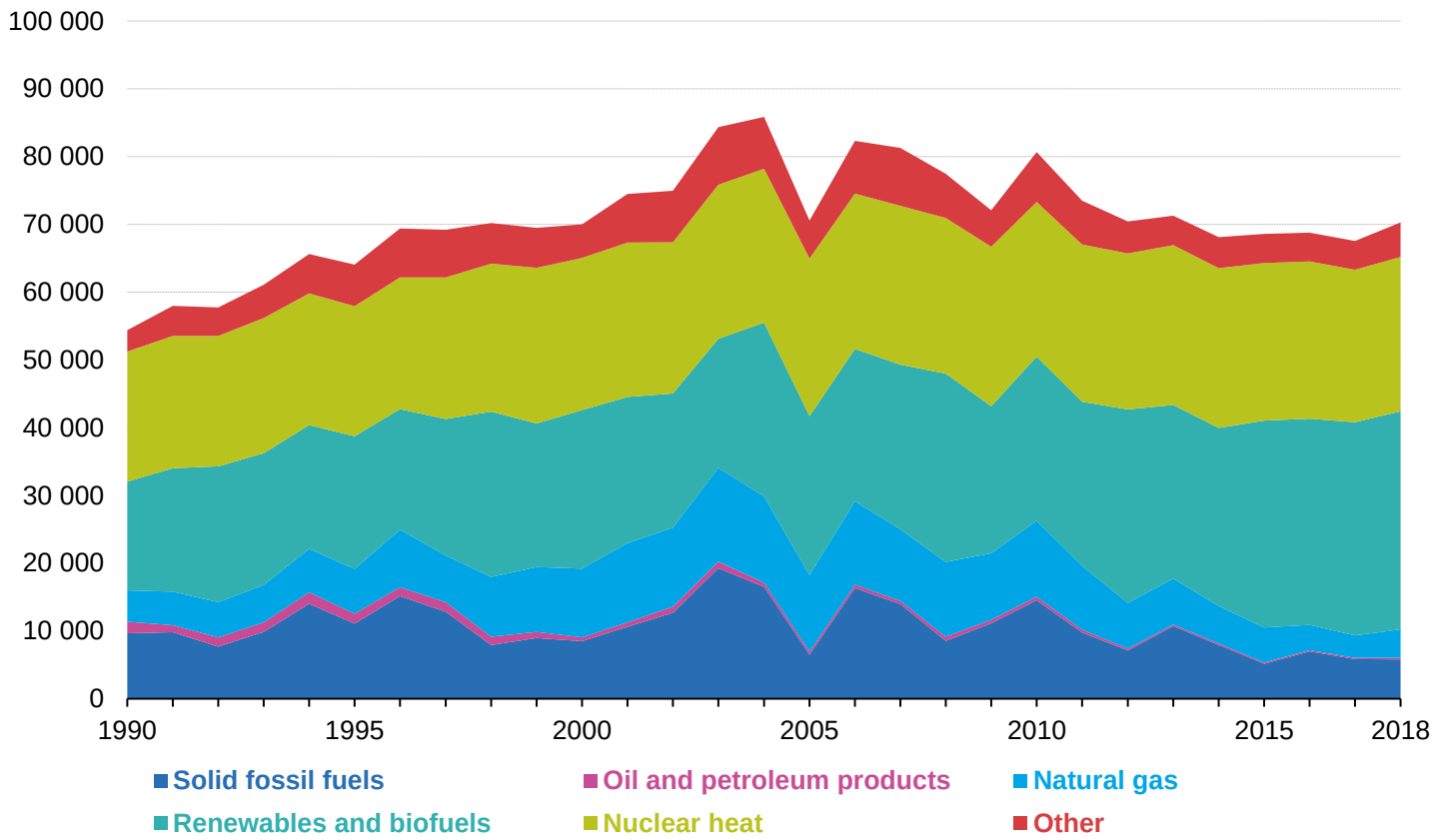
Finland

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

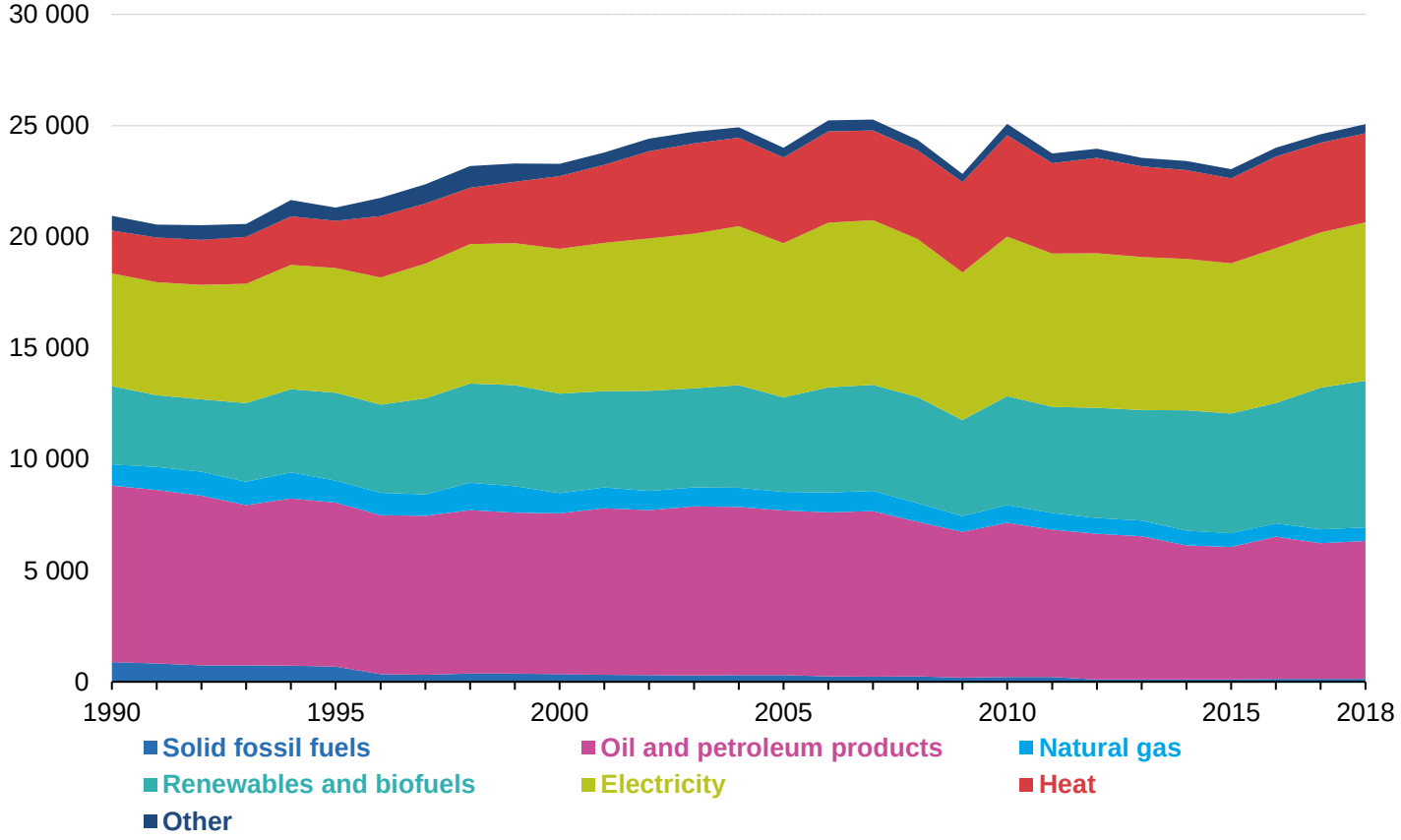


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

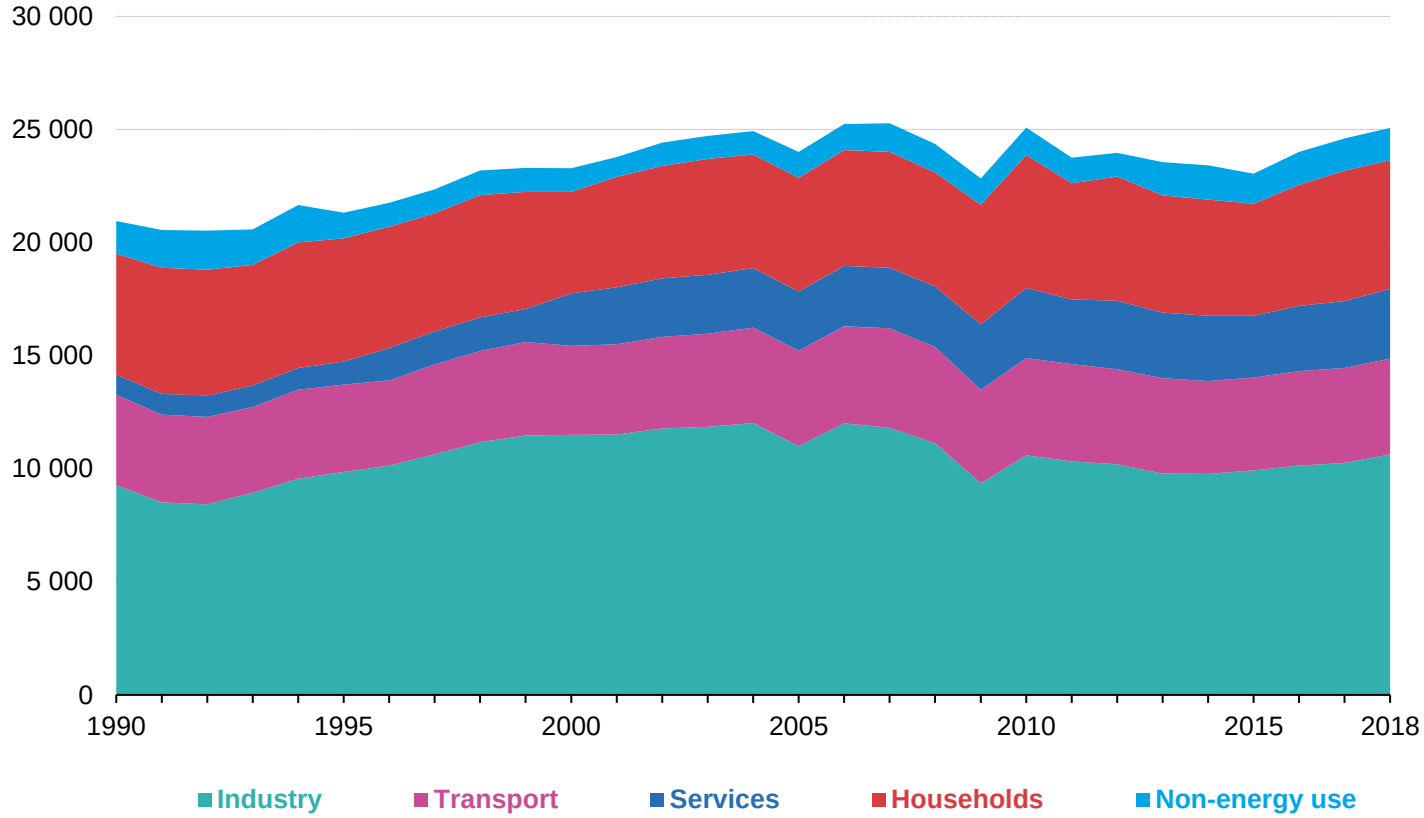
Finland

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Finland

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	71 257	68 094	68 599	68 757	67 524	70 263	68 520 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	10 688	7 923	5 120	6 974	5 857	5 791	4 550 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	2	2	1	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	3 167	3 397	3 085	2 907	2 771	3 474	2 850 P
Peat products	4	5	6	1	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	13 861	11 327	8 212	9 882	8 628	9 265	7 400 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	6 788	5 521	5 195	3 738	3 300	4 194	3 910 P
Coke oven gas	51	45	51	55	54	67	78 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	391	399	488	536	509	691	471 P
Other recovered gases	68	47	36	36	23	46	55 P
Sub-total	7 298	6 012	5 770	4 365	3 886	4 998	4 514 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	2	1	1	0	6	34	42 P
Liquefied petroleum gases	0	0	0	0	0	1	1 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	26	34	30	39	31	44	70 P
Fuel oil	193	195	178	157	138	131	137 P
Petroleum coke	10	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	3	6	3	4	9	55	68 P
Sub-total	234	236	212	200	184	265	318 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	12 838	13 397	16 769	15 799	14 772	13 301	12 439 P
Geothermal	0	0	0	0	0	0	0 P
Wind	774	1 107	2 327	3 068	4 795	5 839	5 987 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	6	8	11	22	49	90	178 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	11 308	10 968	10 589	10 602	10 890	11 821	12 000 P
Liquid biofuels	0	0	2	4	8	6	5 P
Biogases	308	350	358	398	406	420	400 P
Renewable municipal waste	395	441	471	519	556	662	620 P
Sub-total	25 629	26 271	30 527	30 412	31 476	32 139	31 629 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	73	76	59	59	73	75	60 P
Non-renewable municipal waste	267	302	326	370	399	447	430 P
Sub-total	340	378	385	429	472	522	490 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	23 606	23 580	23 245	23 203	22 477	22 793	23 882 P
Heat from chemical sources	268	273	233	253	263	253	257 P
Other fuels not elsewhere specified	21	17	15	13	138	28	30 P
Sub-total	23 895	23 870	23 493	23 469	22 878	23 074	24 169 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	1	3	3	1	1	0	1 P
Coking coal	1 277	1 308	1 254	1 213	1 230	1 272	1 148 P
Other bituminous coal	4 558	3 275	2 795	3 670	3 184	2 869	2 203 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	1 150	1 197	1 161	1 068	976	1 066	910 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	31	37	1	2	0	0	0 P
Peat	5 866	5 982	5 755	5 662	5 415	6 084	5 242 P
Peat products	18	9	9	1	1	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	133 008	117 049	104 333	96 099	90 284	101 462	97 758 P
Coke oven gas	8 316	8 781	8 848	8 731	8 197	8 277	7 719 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	10 249	10 881	11 436	11 529	11 071	11 526	8 413 P
Other recovered gases	3 268	3 484	3 636	3 816	3 410	3 846	4 081 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	11 888	11 936	10 915	12 164	12 431	12 734	12 494 P
Refinery intake	14 848	14 555	12 303	14 355	14 820	14 647	14 866 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	6 206	5 745	5 264	5 919	5 145	4 813	5 151 P
Export	9 051	8 502	6 847	9 065	9 000	8 807	8 546 P
Total refinery output	14 528	14 062	12 565	14 308	14 726	14 468	14 350 P
Gas oil and diesel oil	6 331	5 896	5 292	6 290	6 306	5 978	5 957 P
Motor gasoline	4 195	4 323	3 575	4 109	4 403	4 435	4 441 P
Fuel oil	1 329	1 224	1 441	1 554	1 614	1 543	1 412 P
Naphtha	284	294	220	133	103	70	133 P
Kerosene-type jet fuel	671	542	546	572	755	794	750 P
All other oil products	1 718	1 783	1 491	1 650	1 545	1 648	1 657 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	339 565	340 661	331 879	349 935	360 383	371 829	376 278 P
Charcoal [kt]	0	0	0	0	0	0	1 P
Biogases [TJ]	3 725	4 173	4 321	4 694	7 147	7 796	8 193 P
Pure biogasoline [kt]	108	113	103	101	128	135	142 P
Pure biodiesels [kt]	206	440	416	105	299	276	331 P
Other liquid biofuels [kt]	29	33	35	47	47	45	41 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	9 295	10 376	11 480	12 822	13 685	14 606	14 830 P
Non-renewable municipal waste	6 638	7 673	8 262	9 379	10 123	10 259	10 662 P
Industrial waste (non-renewable)	2 120	2 219	1 758	1 644	2 001	2 048	1 900 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	52	57	62	69	75	83	91 P
Ambinet heat (heat pumps)	0	0	0	0	22 975	23 842	23 600 P

Source: Eurostat (nrg_cb_rw)

Sweden ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	36 606.9	0.0	Z	159.7	0.0	0.0	0.0	19 033.8	686.4	16 727.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	35 681.0	2 022.6	0.0	30.0	0.0	29 554.4	1 036.2	1 902.7	86.0	Z	0.0	1 049.2
- Exports	20 317.2	6.0	0.0	0.0	0.0	17 394.3	14.2	372.5	0.0	Z	0.0	2 530.1
+ Change in stock	654.3	-5.2	0.0	0.0	0.0	768.5	0.0	-109.1	0.0	Z	Z	Z
= Gross available energy	**52 625.0**	**2 011.3**	**0.0**	**189.7**	**0.0**	**12 928.6**	**1 022.0**	**20 455.0**	**772.3**	**16 727.0**	**0.0**	**-1 480.9**
- International maritime bunkers	1 859.0	0.0	0.0	0.0	0.0	1 837.6	21.4	0.0	Z	Z	Z	Z
= Gross inland consumption	**50 766.0**	**2 011.3**	**0.0**	**189.7**	**0.0**	**11 091.0**	**1 000.6**	**20 455.0**	**772.3**	**16 727.0**	**0.0**	**-1 480.9**
- International aviation	941.8	Z	Z	Z	Z	941.8	Z	0.0	Z	Z	Z	Z
= Total energy supply	**49 824.2**	**2 011.3**	**0.0**	**189.7**	**0.0**	**10 149.1**	**1 000.6**	**20 455.0**	**772.3**	**16 727.0**	**0.0**	**-1 480.9**
Transformation input	**58 641.0**	**2 142.1**	**235.4**	**191.4**	**0.0**	**24 755.6**	**156.9**	**13 544.6**	**772.3**	**16 727.0**	**0.0**	**115.7**
+ Electricity & heat generation	30 602.8	156.6	235.4	191.4	0.0	126.5	150.4	12 127.6	772.3	16 727.0	0.0	115.7
+ Coke ovens	1 035.4	1 035.4	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	950.1	950.1	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	6.5	0.0	0.0	0.0	0.0	0.0	6.5	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	24 629.1	Z	Z	Z	Z	24 629.1	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	1 321.5	Z	Z	Z	Z	Z	Z	1 321.5	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	95.5	0.0	0.0	0.0	0.0	0.0	0.0	95.5	0.0	Z	Z	Z
Transformation output	**45 764.5**	**741.1**	**507.2**	**0.0**	**Z**	**24 613.7**	**0.0**	**1 321.5**	**Z**	**Z**	**4 531.1**	**14 049.9**
+ Electricity & heat generation	18 581.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	4 531.1	14 049.9
+ Coke ovens	906.4	741.1	165.3	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	335.3	0.0	335.3	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	24 613.7	Z	Z	Z	Z	24 613.7	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	1 321.5	Z	Z	Z	Z	Z	Z	1 321.5	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	6.5	0.0	6.5	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**1 064.9**	**0.0**	**87.3**	**0.0**	**0.0**	**346.7**	**33.9**	**18.2**	**0.0**	**Z**	**0.0**	**578.8**
+ Own use in electricity & heat genera	320.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	320.1
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	88.5	0.0	87.3	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	1.2
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	450.9	0.0	0.0	0.0	0.0	324.0	33.9	0.0	0.0	Z	0.0	92.9
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	205.4	0.0	0.0	0.0	0.0	22.7	0.0	18.2	0.0	Z	0.0	164.6
Distribution losses	**1 063.4**	**0.0**	**14.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**142.9**	**906.0**
Available for final consumption	**34 819.3**	**610.3**	**170.1**	**-1.7**	**0.0**	**9 660.6**	**809.7**	**8 213.7**	**0.0**	**0.0**	**4 388.2**	**10 968.4**
Final non-energy consumption	**2 177.2**	**13.4**	**0.0**	**0.0**	**0.0**	**1 818.6**	**345.2**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**31 777.4**	**370.8**	**170.8**	**3.1**	**0.0**	**7 161.7**	**465.8**	**8 248.6**	**0.0**	**Z**	**4 388.2**	**10 968.4**
+ Industry	11 014.3	370.8	166.6	3.1	0.0	1 004.3	337.7	4 249.6	0.0	Z	521.1	4 361.0
+ Iron & steel	946.9	89.9	158.0	0.0	0.0	226.3	74.9	2.1	0.0	Z	0.0	395.6
+ Chemical & petrochemical	501.7	0.0	0.0	2.6	0.0	42.0	66.5	13.3	0.0	Z	0.0	377.4
+ Non-ferrous metals	331.4	30.8	0.0	0.0	0.0	35.2	6.9	0.3	0.0	Z	0.0	258.2
+ Non-metallic minerals	384.0	154.1	0.0	0.0	0.0	90.4	49.0	2.8	0.0	Z	0.0	87.7
+ Transport equipment	214.2	8.0	0.0	0.0	0.0	24.6	7.6	2.8	0.0	Z	0.0	171.1
+ Machinery	338.6	0.0	0.0	0.0	0.0	29.7	11.4	5.2	0.0	Z	0.0	292.3
+ Mining & quarrying	543.6	81.5	7.6	0.0	0.0	112.9	4.3	16.8	0.0	Z	0.0	320.6
+ Food, beverages & tobacco	346.9	1.3	0.0	0.0	0.0	44.4	70.1	27.0	0.0	Z	0.0	204.0
+ Paper, pulp & printing	5 629.2	5.1	0.0	0.5	0.0	176.6	40.8	3 683.8	0.0	Z	0.0	1 722.3
+ Wood & wood products	589.3	0.0	0.0	0.0	0.0	26.9	0.1	405.4	0.0	Z	0.0	156.9
+ Construction	337.7	0.0	0.0	0.0	0.0	151.8	0.1	58.3	0.0	Z	0.0	127.5
+ Textile & leather	20.6	0.0	0.0	0.0	0.0	2.6	0.8	0.0	0.0	Z	0.0	17.2
+ Not elsewhere specified (industry)	830.3	0.0	1.0	0.0	0.0	40.9	5.4	31.6	0.0	Z	521.1	230.3
+ Transport	7 146.2	0.0	0.0	0.0	0.0	5 431.2	11.4	1 482.3	0.0	Z	Z	221.2
+ Rail	235.5	0.0	0.0	0.0	0.0	14.3	Z	0.0	0.0	Z	Z	221.2
+ Road	6 568.1	Z	Z	Z	Z	5 074.4	11.4	1 482.3	0.0	Z	Z	0.0
+ Domestic aviation	177.8	Z	Z	Z	Z	177.8	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	164.8	0.0	0.0	0.0	0.0	164.8	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	13 616.9	0.0	4.2	0.0	0.0	726.2	116.7	2 516.6	0.0	Z	3 867.1	6 386.1
+ Commercial & public services	4 123.0	0.0	2.2	0.0	0.0	228.1	78.0	121.2	0.0	Z	1 284.9	2 408.6
+ Households	7 492.3	0.0	2.0	0.0	0.0	188.4	32.7	819.1	0.0	Z	2 575.1	3 875.2
+ Agriculture & forestry	612.8	0.0	0.0	0.0	0.0	283.2	6.0	214.1	0.0	Z	7.2	102.3
+ Fishing	37.1	0.0	0.0	0.0	0.0	26.5	0.0	10.6	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	1 351.6	0.0	0.0	0.0	0.0	0.0	0.0	1 351.6	0.0	Z	0.0	0.0
Statistical differences	**864.7**	**226.1**	**-0.7**	**-4.8**	**0.0**	**680.3**	**-1.3**	**-34.9**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	14 049.9	28.8	66.0	26.1	0.0	26.4	32.3	7 841.2	134.9	5 894.2	Z	Z
Gross heat production	4 437.2	100.9	127.3	98.3	0.0	76.1	109.0	3 388.2	520.7	0.0	Z	16.5

Source: Eurostat (nrg_bal_c)

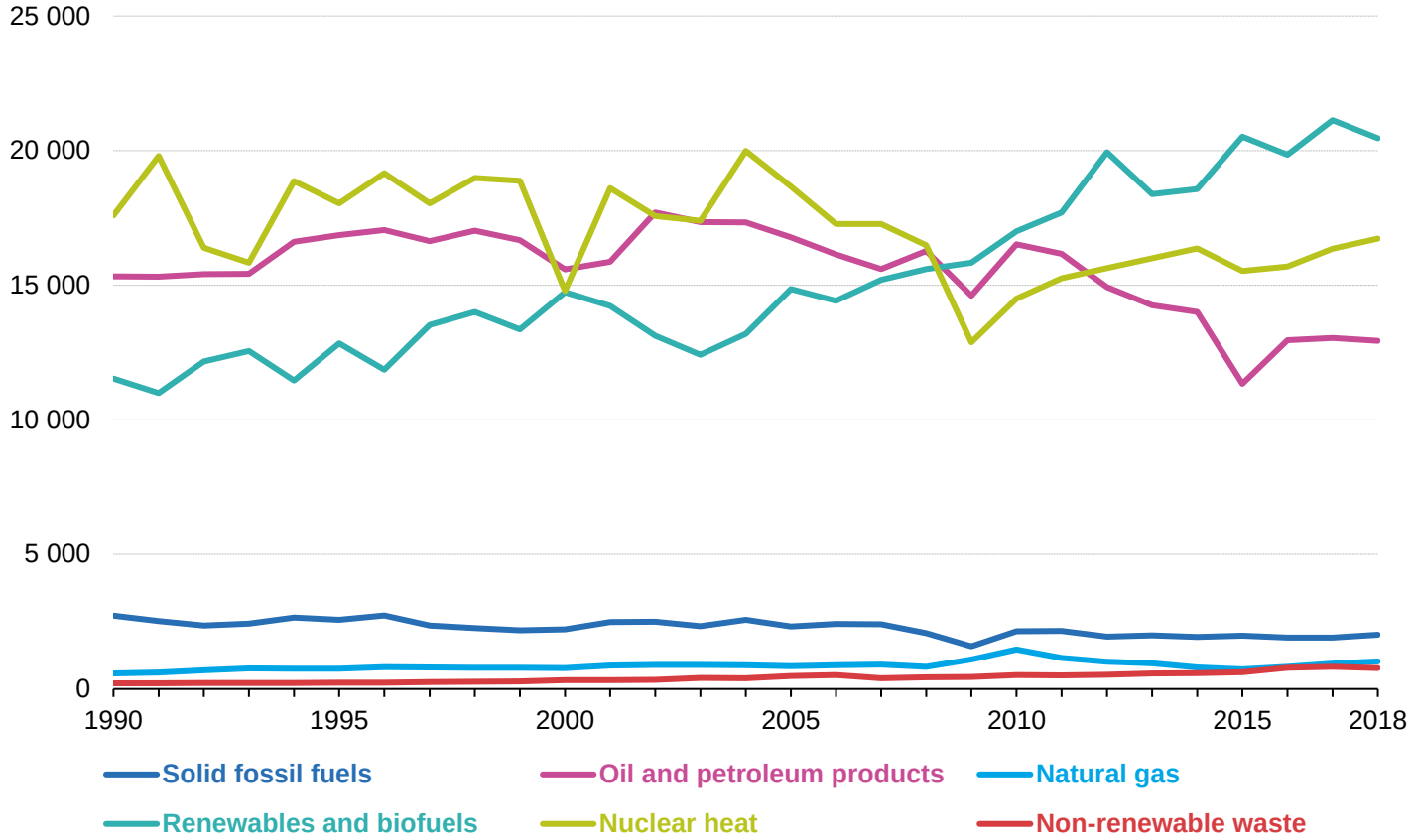
Sweden	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	52 666	52 644	52 550	51 521	51 094	48 911	51 143	52 693	52 625
Solid fossil fuels	2 139	2 160	1 941	1 987	1 933	1 980	1 906	1 910	2 011
Peat & peat products	351	331	253	231	168	136	144	135	190
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	19 746	18 837	20 775	16 715	18 408	18 704	18 934	18 763	20 163
Petroleum products	16 518	16 160	14 933	14 253	14 011	11 337	12 955	13 037	12 929
Natural gas	1 466	1 159	1 007	955	794	724	818	939	1 022
Nuclear heat	14 498	15 252	15 632	15 996	16 362	15 532	15 699	16 351	16 727
Renewable energies	17 001	17 700	19 936	18 386	18 576	20 522	19 844	21 129	20 455
Non-renewable wastes	515	505	531	573	592	623	786	825	772
Primary production	32 006	33 320	35 724	34 477	34 918	35 863	35 390	36 590	36 607
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	238	220	141	186	134	110	127	113	160
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	14 498	15 252	15 632	15 996	16 362	15 532	15 699	16 351	16 727
Renewable energies	16 787	17 391	19 475	17 785	17 903	19 669	18 860	19 390	19 034
Non-renewable wastes	483	457	476	510	519	552	704	737	686
Net imports	19 914	19 175	15 808	16 892	16 509	14 690	17 021	14 041	15 364
Solid fossil fuels	2 433	2 240	1 602	1 783	1 956	1 928	2 206	1 935	2 017
Crude oil	20 000	18 897	20 788	16 887	18 864	20 251	19 827	19 194	20 109
Gas/Diesel Oil (w/o bio)	-2 517	-1 788	-3 101	-1 450	-2 495	-3 059	-2 285	-4 064	-4 118
Motor Gasoline (w/o bio)	-291	-889	-1 748	-749	-1 804	-2 289	-1 811	-2 410	-2 935
Naphtha	282	66	132	57	356	252	173	245	564
LPG	541	1 054	280	811	806	472	722	655	600
All other oil & petroleum products	15 471	15 937	14 262	14 315	14 231	12 998	13 906	11 315	12 160
Natural gas	1 466	1 159	1 007	955	794	724	818	939	1 022
Transformation input	54 862	52 362	56 650	51 762	54 718	56 673	56 533	56 955	58 641
Electricity & heat generation	28 710	27 982	30 184	29 123	29 315	29 933	29 333	30 519	30 603
Refinery intake	21 430	20 116	22 324	18 345	20 491	21 424	21 300	20 906	22 241
Coke ovens	1 348	1 174	1 058	1 003	1 044	1 133	1 097	1 068	1 035
Blast furnaces	1 168	1 081	938	971	986	954	1 016	1 016	950
Transformation output	42 889	40 493	44 202	39 133	41 949	44 724	44 825	45 081	45 765
Electricity & heat generation	18 128	17 195	19 014	17 712	17 509	18 321	18 034	18 659	18 581
Refinery output	21 073	19 928	21 785	17 850	20 236	21 807	21 611	21 589	22 220
Coke ovens	986	1 022	930	896	924	992	982	966	906
Blast furnaces	353	323	317	306	333	319	352	357	335
Energy sector	1 579	1 495	1 628	1 465	1 731	1 684	1 712	1 725	1 065
Distribution losses	1 190	1 102	1 165	968	791	820	985	1 006	1 063
Available for final consumption	35 260	35 698	34 897	34 046	33 343	31 874	33 892	34 812	34 819
Solid fossil fuels	159	498	498	438	455	499	456	451	610
Manufactured gases	139	124	188	198	192	185	192	194	170
Peat & peat products	1	2	2	1	2	0	0	0	-2
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	5 516	5 918	5 103	5 273	5 046	4 305	3 982	4 287	4 087
Motor Gasoline (w/o bio)	3 618	3 442	3 039	2 904	2 894	2 560	2 675	2 306	2 393
Naphtha	580	332	385	293	358	255	254	243	403
LPG	907	1 033	806	1 053	1 012	1 012	1 214	1 045	1 111
All other oil & petroleum products	12 109	12 535	10 915	10 548	10 284	8 157	9 392	9 511	9 661
Natural gas	734	662	657	599	594	530	552	824	810
Primary solid biofuels & charcoal	5 211	5 438	5 491	5 272	5 186	5 371	5 376	5 275	5 100
Liquid biofuels	386	449	509	540	710	948	1 086	1 799	1 604
All other renewable energies	5 694	7 027	7 193	7 057	7 135	7 574	7 908	8 517	8 214
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	11 283	10 716	10 945	10 749	10 506	10 736	10 963	10 942	10 968
Heat	5 141	4 135	4 499	4 456	4 174	4 193	4 430	4 373	4 388
Statistical difference	424	1 622	612	286	395	-1 468	-366	525	865
Final non-energy consumption	2 117	1 932	1 825	2 079	1 977	1 784	2 185	2 388	2 177
Final energy consumption	32 719	32 145	32 460	31 681	30 971	31 558	32 073	31 899	31 777
Industry	11 650	11 291	11 244	11 030	10 799	11 020	10 972	10 918	11 014
Transport	7 503	7 511	7 232	7 149	7 146	7 296	7 225	7 308	7 146
Other sectors	13 567	13 343	13 983	13 503	13 026	13 243	13 877	13 673	13 617
Services	4 334	3 867	4 049	3 961	3 963	4 024	4 219	3 993	4 123
Households	8 283	7 685	8 057	7 698	7 232	7 414	7 662	7 699	7 492

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	50 709	49 554	49 415	48 520	47 973	45 664	47 567	48 760	49 134
Primary energy consumption	48 592	47 622	47 590	46 441	45 996	43 879	45 381	46 373	46 957
Final energy consumption	34 241	32 621	32 722	32 039	31 262	31 849	32 294	32 167	31 982

Source: Eurostat (nrg_bal_c)

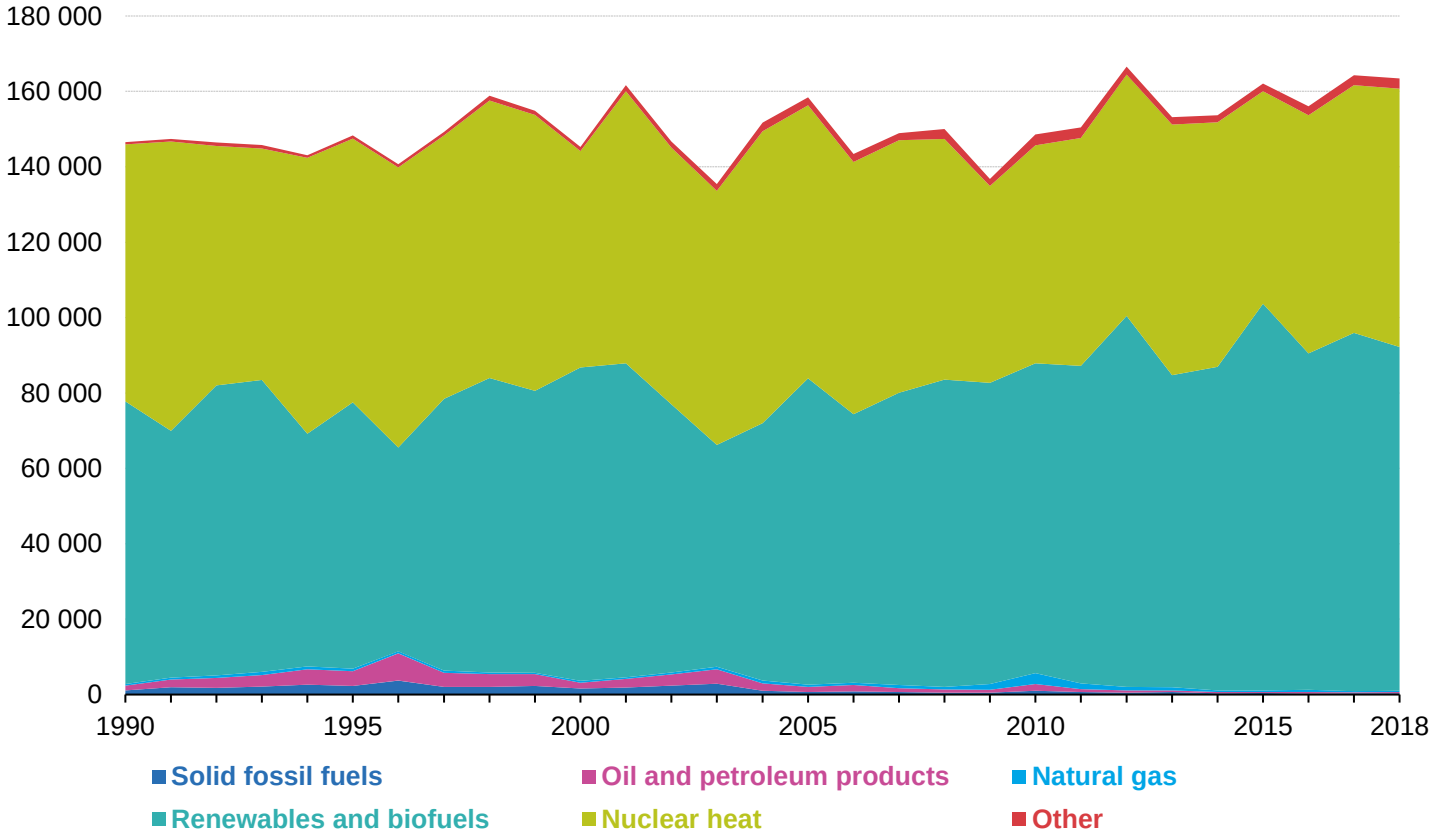
Sweden

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

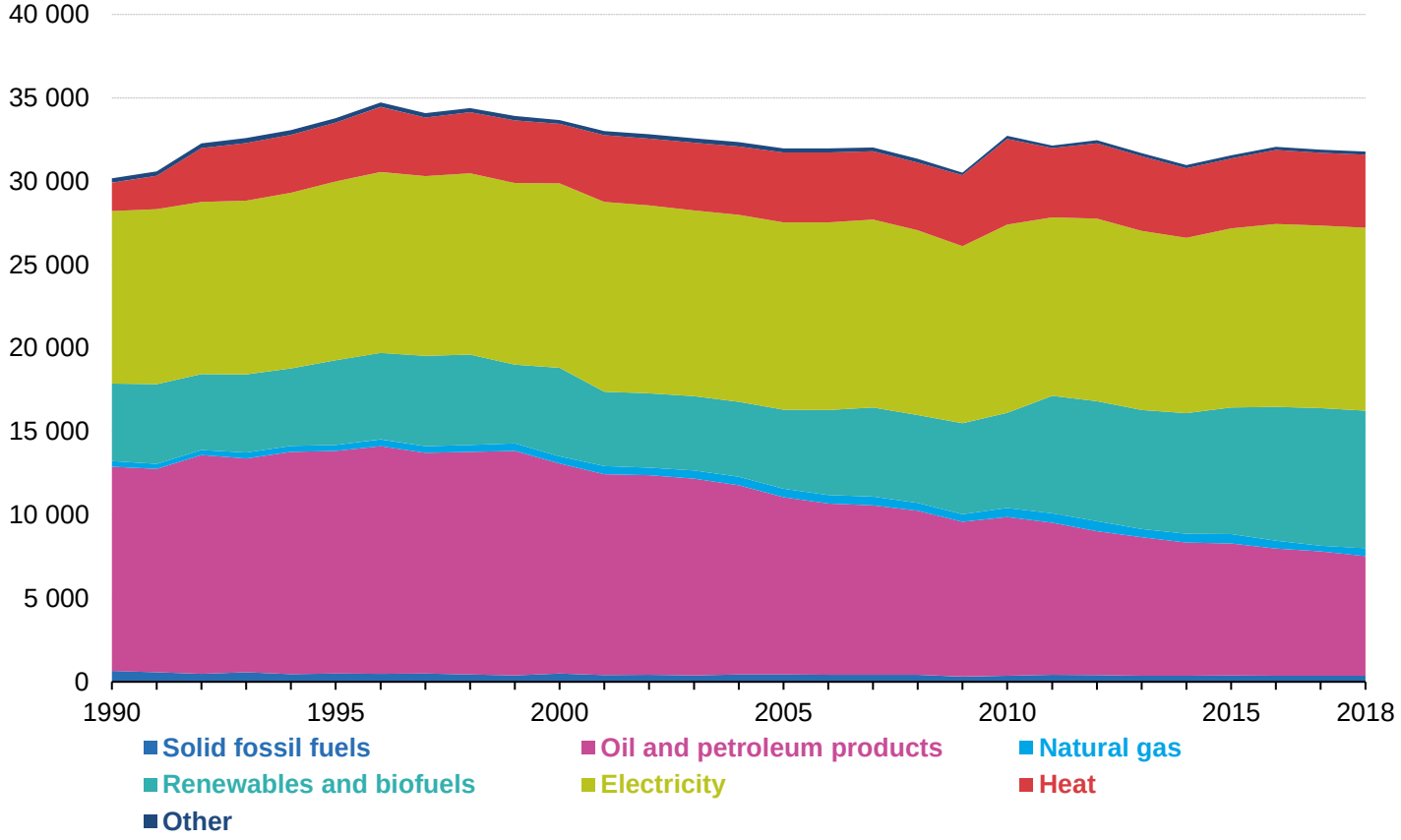


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

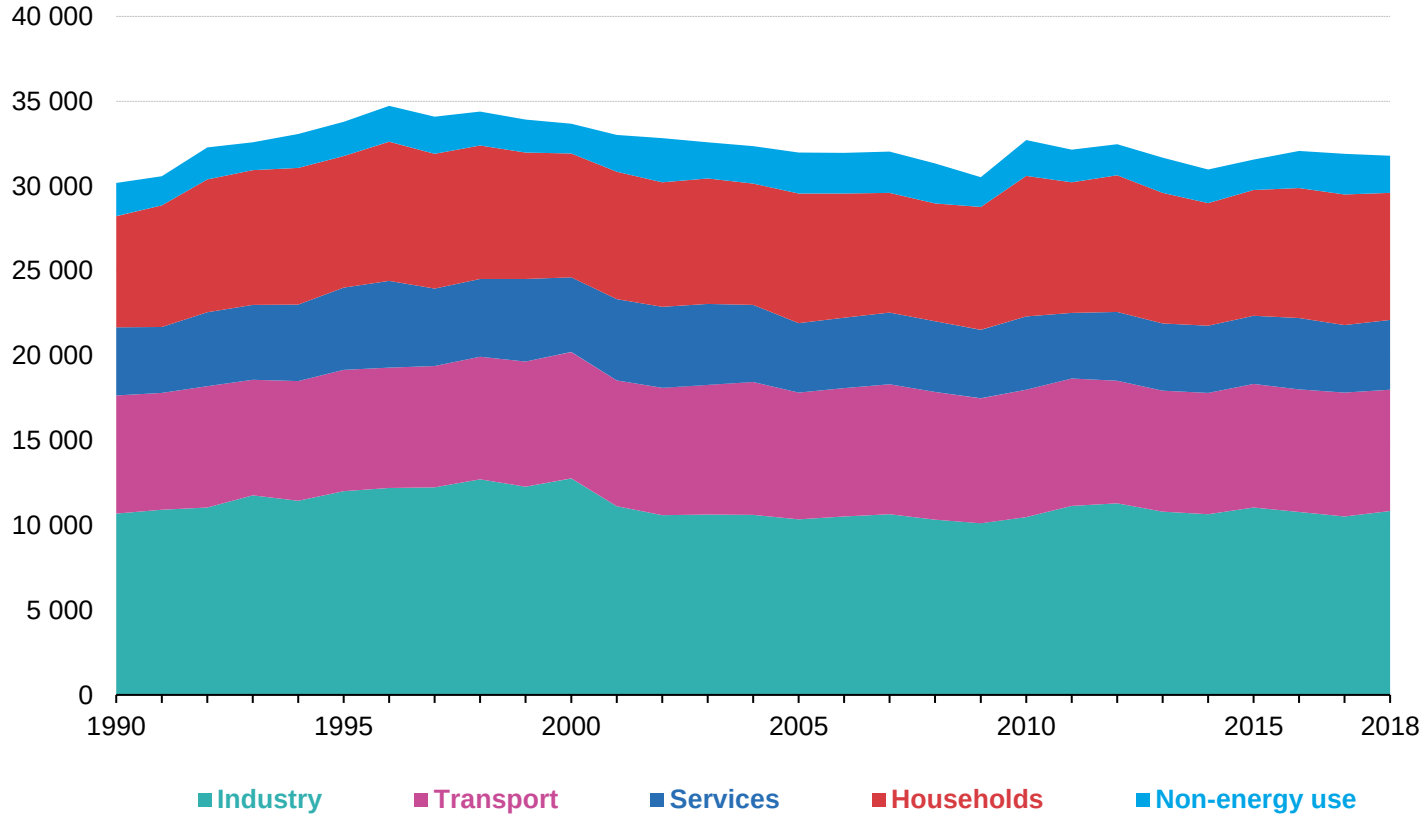
Sweden

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Sweden

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	153 166	153 663	162 112	156 010	164 250	163 400	168 443 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	653	371	387	263	322	335	538 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	329	215	181	212	199	303	327 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	982	586	568	475	521	638	865 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	837	413	425	623	271	376	755 P
Coke oven gas	10	31	84	34	56	47	47 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	291	322	439	344	451	529	605 P
Other recovered gases	162	159	170	198	201	192	120 P
Sub-total	1 300	925	1 118	1 199	979	1 144	1 527 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	17	9	21	56	57	9	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	1	0	0	0	1	0 P
Other kerosene	3	1	1	1	2	8	13 P
Gas oil and diesel oil	54	10	75	104	60	94	155 P
Fuel oil	337	279	155	237	171	195	107 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	411	300	252	398	290	307	275 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	61 496	63 872	75 439	62 137	65 168	62 250	65 139 P
Geothermal	0	0	0	0	0	0	0 P
Wind	9 842	11 235	16 322	15 479	17 609	16 623	19 846 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	35	47	97	143	230	407	663 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	9 609	9 007	8 977	9 749	10 250	10 195	8 420 P
Liquid biofuels	119	49	28	46	37	52	8 P
Biogases	20	14	11	11	11	10	30 P
Renewable municipal waste	1 702	1 626	1 749	1 681	1 778	1 656	2 570 P
Sub-total	82 823	85 850	102 623	89 246	95 083	91 193	96 676 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	58	41	37	39	39	40	144 P
Non-renewable municipal waste	1 135	1 084	1 166	1 552	1 642	1 529	2 371 P
Sub-total	1 193	1 125	1 203	1 591	1 681	1 569	2 515 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	66 457	64 877	56 348	63 101	65 696	68 549	66 585 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	66 457	64 877	56 348	63 101	65 696	68 549	66 585 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	1 399	1 456	1 592	1 542	1 513	1 476	1 508 P
Other bituminous coal	1 433	1 216	1 210	1 131	1 088	1 320	911 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	1 148	1 253	1 258	1 262	1 325	1 239	1 375 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	768	560	451	481	451	632	602 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	44 440	36 939	33 662	38 064	42 779	46 549	46 290 E
Coke oven gas	7 995	8 265	9 110	9 138	8 890	7 692	8 096 P
Gas works gas	381	343	320	322	313	304	292 P
Blast furnace gas	11 157	12 307	11 798	12 791	12 974	12 149	13 448 P
Other recovered gases	1 662	1 648	1 542	1 951	1 992	1 891	1 351 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	17 498	19 134	20 464	20 190	19 771	20 845	17 173 P
Refinery intake	17 876	20 013	20 418	20 927	20 472	22 174	17 947 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	6 447	7 449	7 456	10 262	9 318	8 247	7 536 P
Export	9 296	11 633	13 908	15 516	16 808	15 896	10 954 P
Total refinery output	17 584	19 799	21 367	21 211	21 132	21 649	18 458 P
Gas oil and diesel oil	6 298	7 325	8 000	7 428	8 082	8 504	5 698 P
Motor gasoline	3 425	4 823	4 992	4 906	4 674	5 003	3 653 P
Fuel oil	4 124	3 161	3 867	4 003	4 010	5 150	4 413 P
Naphtha	201	0	0	86	83	188	293 P
Kerosene-type jet fuel	169	248	104	73	22	204	259 P
All other oil products	3 367	4 242	4 404	4 715	4 261	2 600	4 142 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	385 664	373 593	382 196	394 335	398 953	390 211	376 066 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	6 070	6 422	7 009	7 265	7 445	7 359	7 359 P
Pure biogasoline [kt]	279	246	267	227	247	284	313 P
Pure biodiesels [kt]	404	758	925	1 152	1 448	1 535	1 537 P
Other liquid biofuels [kt]	141	72	55	81	57	90	63 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	34 339	35 911	38 032	34 835	36 604	34 212	40 067 P
Non-renewable municipal waste	22 894	23 942	25 355	32 155	33 789	31 580	36 985 P
Industrial waste (non-renewable)	1 087	863	749	746	748	755	1 578 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	468	468	472	468	464	457	446 P
Ambinet heat (heat pumps)	58 752	58 691	59 490	65 869	64 926	68 327	68 327 P

Source: Eurostat (nrg_cb_rw)

United Kingdom ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	121 266.6	1 572.8	Z	0.0	0.0	52 849.7	34 851.7	16 633.4	1 298.4	14 060.7	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	143 059.0	7 112.0	0.0	0.0	0.0	90 623.2	39 792.5	3 697.0	0.0	Z	0.0	1 834.3
- Exports	76 573.9	410.8	0.0	0.0	0.0	69 340.1	6 378.8	252.9	0.0	Z	0.0	191.3
+ Change in stock	-160.5	-161.7	0.0	0.0	0.0	598.7	-588.0	-9.6	0.0	Z	Z	Z
= Gross available energy	**187 591.1**	**8 112.2**	**0.0**	**0.0**	**0.0**	**74 731.5**	**67 677.4**	**20 068.0**	**1 298.4**	**14 060.7**	**0.0**	**1 643.0**
- International maritime bunkers	2 454.3	0.0	0.0	0.0	0.0	2 454.3	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**185 136.9**	**8 112.2**	**0.0**	**0.0**	**0.0**	**72 277.2**	**67 677.4**	**20 068.0**	**1 298.4**	**14 060.7**	**0.0**	**1 643.0**
- International aviation	11 995.5	Z	Z	Z	Z	11 995.5	Z	0.0	Z	Z	Z	Z
= Total energy supply	**173 141.4**	**8 112.2**	**0.0**	**0.0**	**0.0**	**60 281.7**	**67 677.4**	**20 068.0**	**1 298.4**	**14 060.7**	**0.0**	**1 643.0**
Transformation input	**133 724.5**	**7 579.2**	**482.6**	**0.0**	**0.0**	**71 122.3**	**23 362.5**	**15 651.6**	**1 174.0**	**14 060.7**	**0.0**	**291.6**
+ Electricity & heat generation	57 881.9	4 006.9	481.8	0.0	0.0	452.1	23 348.3	14 066.5	1 174.0	14 060.7	0.0	291.6
+ Coke ovens	1 290.4	1 276.3	0.0	0.0	0.0	0.0	14.2	0.0	Z	Z	Z	Z
+ Blast furnaces	2 169.5	2 169.5	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	70 611.9	Z	Z	Z	Z	70 611.9	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	184.9	126.6	0.0	0.0	0.0	58.3	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	280.6	Z	0.0	Z	Z	0.0	Z	280.6	Z	Z	Z	Z
+ Liquid biofuels blended	1 304.5	Z	Z	Z	Z	Z	Z	1 304.5	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**104 087.0**	**1 080.6**	**1 066.5**	**0.0**	**Z**	**70 361.0**	**251.2**	**1 304.5**	**Z**	**Z**	**1 584.6**	**28 438.7**
+ Electricity & heat generation	30 023.3	Z	Z	Z	Z	Z	Z	Z	Z	Z	1 584.6	28 438.7
+ Coke ovens	1 216.9	947.4	269.5	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	782.0	0.0	782.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	70 338.7	Z	Z	Z	Z	70 338.7	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	133.2	133.2	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	251.2	Z	Z	Z	Z	Z	251.2	Z	Z	Z	Z	Z
+ Liquid biofuels blended	1 304.5	Z	Z	Z	Z	Z	Z	1 304.5	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	37.2	0.0	15.0	0.0	Z	22.3	Z	Z	Z	Z	Z	Z
Energy sector	**10 887.4**	**0.0**	**430.8**	**0.0**	**0.0**	**4 016.0**	**4 390.9**	**0.0**	**0.0**	**Z**	**321.5**	**1 728.3**
+ Own use in electricity & heat genera	1 141.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	1 141.5
+ Coal mines	42.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	Z	0.0	35.9
+ Oil & natural gas extraction plants	4 667.4	Z	Z	Z	Z	674.7	3 938.3	0.0	Z	Z	0.0	54.4
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	192.4	0.0	167.8	0.0	0.0	0.0	24.6	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	278.3	0.0	263.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	15.3
+ Petroleum refineries (oil refineries)	4 116.7	0.0	0.0	0.0	0.0	3 341.3	94.5	0.0	0.0	Z	321.5	359.4
+ Nuclear industry	2.1	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	2.1
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	89.0	Z	Z	Z	Z	Z	89.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	358.1	0.0	0.0	0.0	0.0	0.0	238.4	0.0	0.0	Z	0.0	119.7
Distribution losses	**2 884.2**	**0.0**	**89.4**	**0.0**	**0.0**	**0.0**	**507.6**	**0.0**	**0.0**	**Z**	**0.0**	**2 287.1**
Available for final consumption	**129 732.3**	**1 613.6**	**63.7**	**0.0**	**0.0**	**55 504.4**	**39 667.5**	**5 720.9**	**124.3**	**0.0**	**1 263.1**	**25 774.7**
Final non-energy consumption	**7 954.1**	**0.0**	**0.0**	**0.0**	**0.0**	**7 583.7**	**370.4**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**121 944.4**	**1 704.2**	**66.3**	**0.0**	**0.0**	**48 055.0**	**39 238.9**	**5 717.9**	**124.3**	**Z**	**1 263.1**	**25 774.7**
+ Industry	21 423.6	1 169.4	66.3	0.0	0.0	2 103.8	8 122.1	1 187.4	89.0	Z	677.2	8 008.2
+ Iron & steel	814.4	213.2	66.3	0.0	0.0	4.3	310.4	0.0	0.0	Z	0.0	220.1
+ Chemical & petrochemical	3 439.0	37.6	0.0	0.0	0.0	117.9	1 670.9	32.9	31.0	Z	235.7	1 312.8
+ Non-ferrous metals	621.4	18.5	0.0	0.0	0.0	7.3	244.1	0.0	0.0	Z	0.0	351.5
+ Non-metallic minerals	2 477.9	375.7	0.0	0.0	0.0	176.3	1 143.5	182.5	57.5	Z	0.0	542.6
+ Transport equipment	1 005.0	30.2	0.0	0.0	0.0	154.4	410.4	0.0	0.0	Z	0.0	409.9
+ Machinery	2 228.5	9.3	0.0	0.0	0.0	0.0	1 134.8	0.5	0.5	Z	0.0	1 083.5
+ Mining & quarrying	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	9.9
+ Food, beverages & tobacco	2 895.6	45.6	0.0	0.0	0.0	114.9	1 618.7	95.6	0.0	Z	4.6	1 016.2
+ Paper, pulp & printing	1 774.9	62.9	0.0	0.0	0.0	31.9	356.7	430.8	0.0	Z	0.0	892.7
+ Wood & wood products	79.8	0.0	0.0	0.0	0.0	36.9	42.9	0.0	0.0	Z	0.0	0.0
+ Construction	714.7	3.1	0.0	0.0	0.0	219.2	372.3	0.0	0.0	Z	0.0	120.0
+ Textile & leather	537.9	35.8	0.0	0.0	0.0	44.5	223.6	0.0	0.0	Z	0.0	234.0
+ Not elsewhere specified (industry)	4 770.9	337.4	0.0	0.0	0.0	1 196.3	593.9	391.4	0.1	Z	436.8	1 814.9
+ Transport	41 813.1	9.8	0.0	0.0	0.0	40 088.0	0.0	1 286.8	0.0	Z	Z	428.5
+ Rail	1 041.7	9.8	0.0	0.0	0.0	624.1	Z	0.0	0.0	Z	Z	407.8
+ Road	38 961.2	Z	Z	Z	Z	37 653.6	0.0	1 286.8	0.0	Z	Z	20.7
+ Domestic aviation	902.9	Z	Z	Z	Z	902.9	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	907.4	0.0	0.0	0.0	0.0	907.4	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	58 707.7	525.0	0.0	0.0	0.0	5 863.2	31 116.7	3 243.6	35.3	Z	585.9	17 338.0
+ Commercial & public services	17 988.3	20.2	0.0	0.0	0.0	2 204.6	6 387.2	1 082.9	35.3	Z	325.4	7 932.7
+ Households	37 991.0	500.2	0.0	0.0	0.0	2 346.6	23 822.7	2 027.1	0.0	Z	260.4	9 033.9
+ Agriculture & forestry	1 257.1	0.0	0.0	0.0	0.0	764.5	80.4	133.6	0.0	Z	0.0	278.6
+ Fishing	241.1	0.0	0.0	0.0	0.0	148.2	0.0	0.0	0.0	Z	0.0	92.9
+ Not elsewhere specified (other)	1 230.3	4.6	0.0	0.0	0.0	399.3	826.5	0.0	0.0	Z	0.0	0.0
Statistical differences	**-166.2**	**-90.6**	**-2.7**	**0.0**	**0.0**	**-134.2**	**58.2**	**3.0**	**0.0**	**0.0**	**0.0**	**-0.0**
Gross electricity production	28 438.7	1 447.2	66.6	0.0	0.0	92.3	11 306.1	9 512.4	419.7	5 594.5	Z	Z
Gross heat production	1 584.6	2.3	0.7	0.0	0.0	28.9	1 438.0	104.8	9.9	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

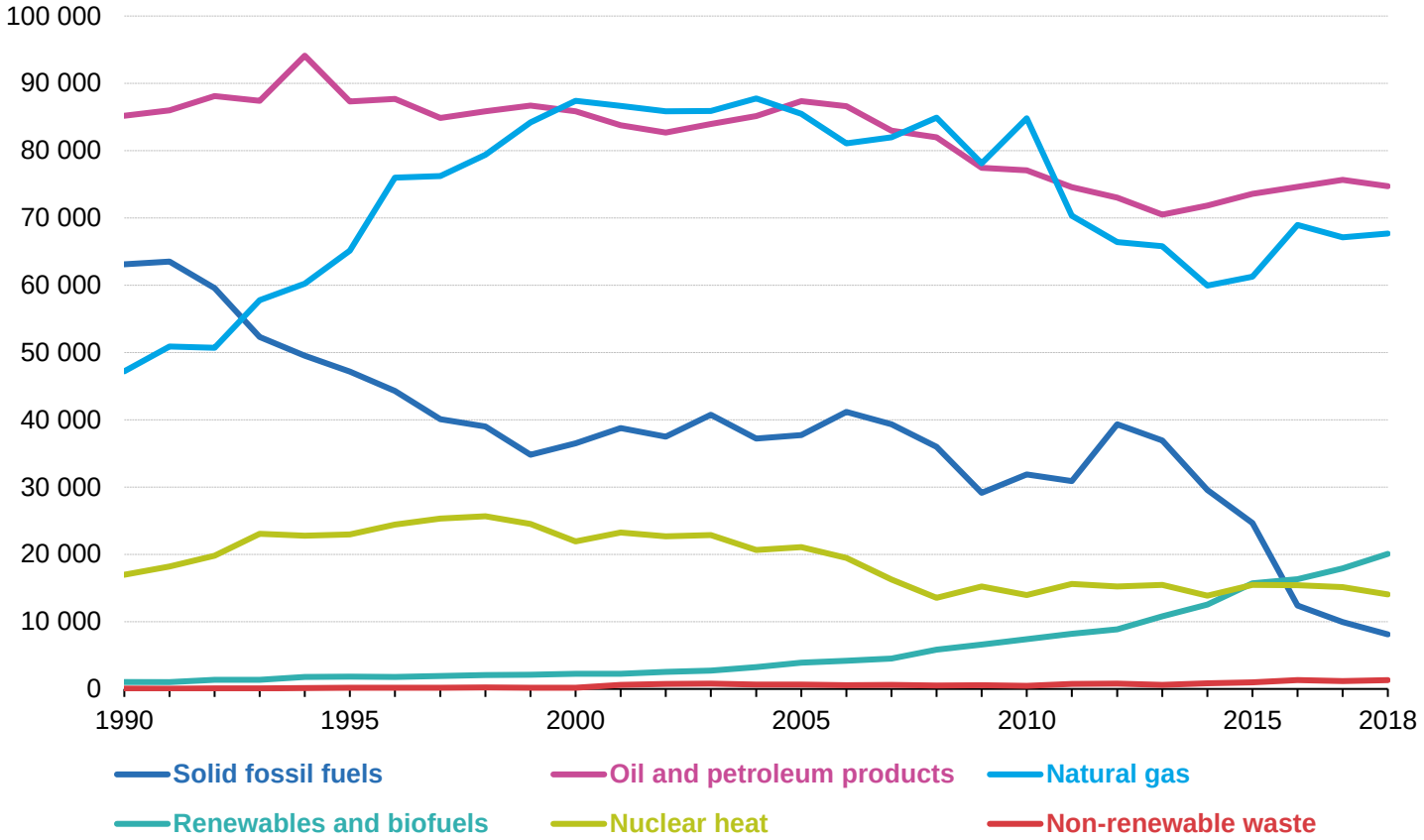
United Kingdom	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	215 795	200 886	204 604	201 321	190 352	193 462	190 518	188 151	187 591
Solid fossil fuels	31 874	30 889	39 326	36 933	29 588	24 670	12 408	9 921	8 112
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	78 688	79 745	76 351	68 885	64 735	64 723	63 485	64 055	61 161
Petroleum products	77 089	74 579	72 999	70 487	71 821	73 558	74 600	75 637	74 731
Natural gas	84 817	70 343	66 385	65 784	59 940	61 246	68 955	67 128	67 677
Nuclear heat	13 947	15 626	15 206	15 443	13 850	15 479	15 414	15 124	14 061
Renewable energies	7 378	8 175	8 870	10 813	12 533	15 711	16 299	17 910	20 068
Non-renewable wastes	461	739	798	620	855	982	1 317	1 162	1 298
Primary production	145 980	127 207	113 230	106 698	105 350	115 677	117 831	117 940	121 267
Solid fossil fuels	10 528	10 552	9 639	7 516	6 924	5 115	2 523	1 857	1 573
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	65 450	53 997	46 276	42 223	41 500	47 049	49 292	48 463	52 850
Natural gas	49 786	39 624	33 699	31 797	32 185	34 246	35 890	36 011	34 852
Nuclear heat	13 947	15 626	15 206	15 443	13 850	15 479	15 414	15 124	14 061
Renewable energies	5 808	6 669	7 611	9 098	10 035	12 806	13 394	15 323	16 633
Non-renewable wastes	461	739	798	620	855	982	1 317	1 162	1 298
Net imports	62 598	74 212	88 772	96 148	89 033	72 872	67 848	66 852	66 485
Solid fossil fuels	16 046	19 657	27 014	31 328	26 487	14 593	6 281	5 820	6 701
Crude oil	10 888	22 130	26 134	20 653	19 027	13 207	9 103	10 044	3 775
Gas/Diesel Oil (w/o bio)	1 966	1 278	3 349	4 934	7 669	10 513	12 083	12 025	12 232
Motor Gasoline (w/o bio)	-6 139	-6 524	-7 336	-6 810	-5 514	-6 883	-7 735	-8 222	-7 346
Naphtha	-756	-696	-320	288	292	594	994	1 139	1 111
LPG	-406	-687	-937	-806	-476	-186	-74	-15	439
All other oil & petroleum products	10 852	19 993	26 771	27 875	30 300	27 005	25 400	26 962	21 283
Natural gas	33 901	32 521	32 707	33 938	27 939	26 548	31 736	30 213	33 414
Transformation input	169 708	168 276	164 837	158 002	148 353	145 511	140 116	137 378	133 725
Electricity & heat generation	76 816	74 572	75 555	72 992	66 990	65 030	61 742	59 901	57 882
Refinery intake	76 681	78 274	74 815	67 896	63 592	63 500	62 436	62 263	60 630
Coke ovens	3 955	3 835	3 590	3 824	3 606	2 681	1 342	1 375	1 290
Blast furnaces	2 808	2 604	2 824	3 662	3 644	3 433	2 508	2 375	2 169
Transformation output	123 658	123 641	119 231	114 145	108 318	108 331	107 054	106 062	104 087
Electricity & heat generation	34 213	33 029	32 681	32 159	30 512	30 577	30 599	30 490	30 023
Refinery output	75 351	77 077	74 127	67 596	62 673	63 160	62 184	62 032	60 387
Coke ovens	3 685	3 704	3 429	3 494	3 370	2 572	1 271	1 317	1 217
Blast furnaces	981	903	1 005	1 339	1 323	1 215	868	839	782
Energy sector	13 338	12 638	12 232	11 596	10 962	11 058	11 328	11 216	10 887
Distribution losses	3 464	3 319	3 129	3 073	3 101	3 325	2 778	2 826	2 884
Available for final consumption	139 219	125 794	129 924	129 113	122 534	128 303	129 599	128 633	129 732
Solid fossil fuels	3 422	2 209	2 691	2 304	2 116	3 202	2 349	1 964	1 614
Manufactured gases	178	122	76	83	73	107	84	81	64
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	25 704	25 496	26 931	26 687	27 307	28 863	30 018	30 324	30 048
Motor Gasoline (w/o bio)	15 520	14 914	14 180	13 358	13 148	12 657	12 756	12 295	12 388
Naphtha	1 013	1 141	1 097	1 105	1 038	1 453	1 381	1 533	1 290
LPG	3 368	3 384	2 727	2 511	2 739	3 125	3 237	3 309	3 391
All other oil & petroleum products	55 984	53 234	52 863	51 428	52 777	54 914	55 758	56 318	55 504
Natural gas	47 151	38 927	42 874	43 270	36 508	37 449	38 926	38 141	39 668
Primary solid biofuels & charcoal	1 534	1 396	1 622	2 140	2 186	2 479	2 660	2 712	3 038
Liquid biofuels	1 151	1 063	895	1 023	1 168	933	945	933	1 287
All other renewable energies	2 842	2 664	2 750	3 489	3 714	4 729	4 990	4 972	5 721
Non-renewable wastes	90	90	71	139	144	112	111	123	124
Electricity	28 286	27 342	27 377	27 207	26 048	26 553	26 142	25 768	25 775
Heat	1 266	1 206	1 222	1 192	1 155	1 236	1 239	1 268	1 263
Statistical difference	1 240	-695	544	-1 095	-762	899	-44	-391	-166
Final non-energy consumption	7 899	7 649	6 721	6 812	6 702	7 361	7 895	8 135	7 954
Final energy consumption	130 080	118 840	122 659	123 395	116 594	120 043	121 747	120 890	121 944
Industry	25 597	23 952	23 613	23 644	22 968	23 039	21 234	21 597	21 424
Transport	40 437	39 908	39 749	39 492	40 108	40 889	41 814	41 941	41 813
Other sectors	64 046	54 980	59 297	60 260	53 518	56 114	58 699	57 352	58 708
Services	16 527	15 240	16 232	16 586	15 524	16 830	18 055	17 807	17 988
Households	45 513	37 786	40 958	41 458	35 813	37 269	37 954	36 811	37 991

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	212 992	197 738	201 870	198 441	187 420	189 828	186 731	184 825	184 049
Primary energy consumption	205 093	190 089	195 149	191 629	180 718	182 467	178 836	176 690	176 095
Final energy consumption	143 109	132 162	135 764	136 913	130 117	132 605	133 629	133 531	134 502

Source: Eurostat (nrg_bal_c)

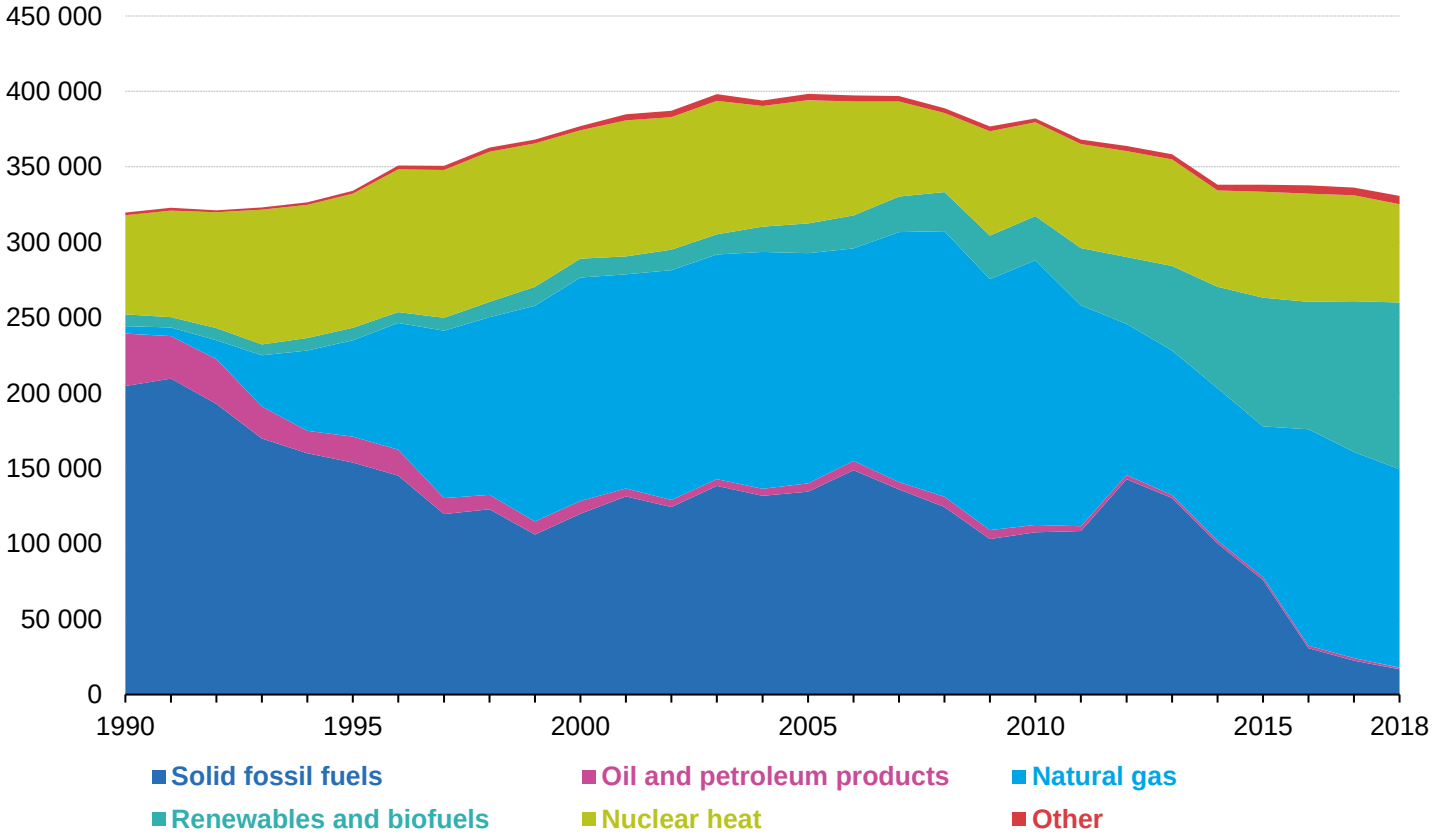
United Kingdom

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

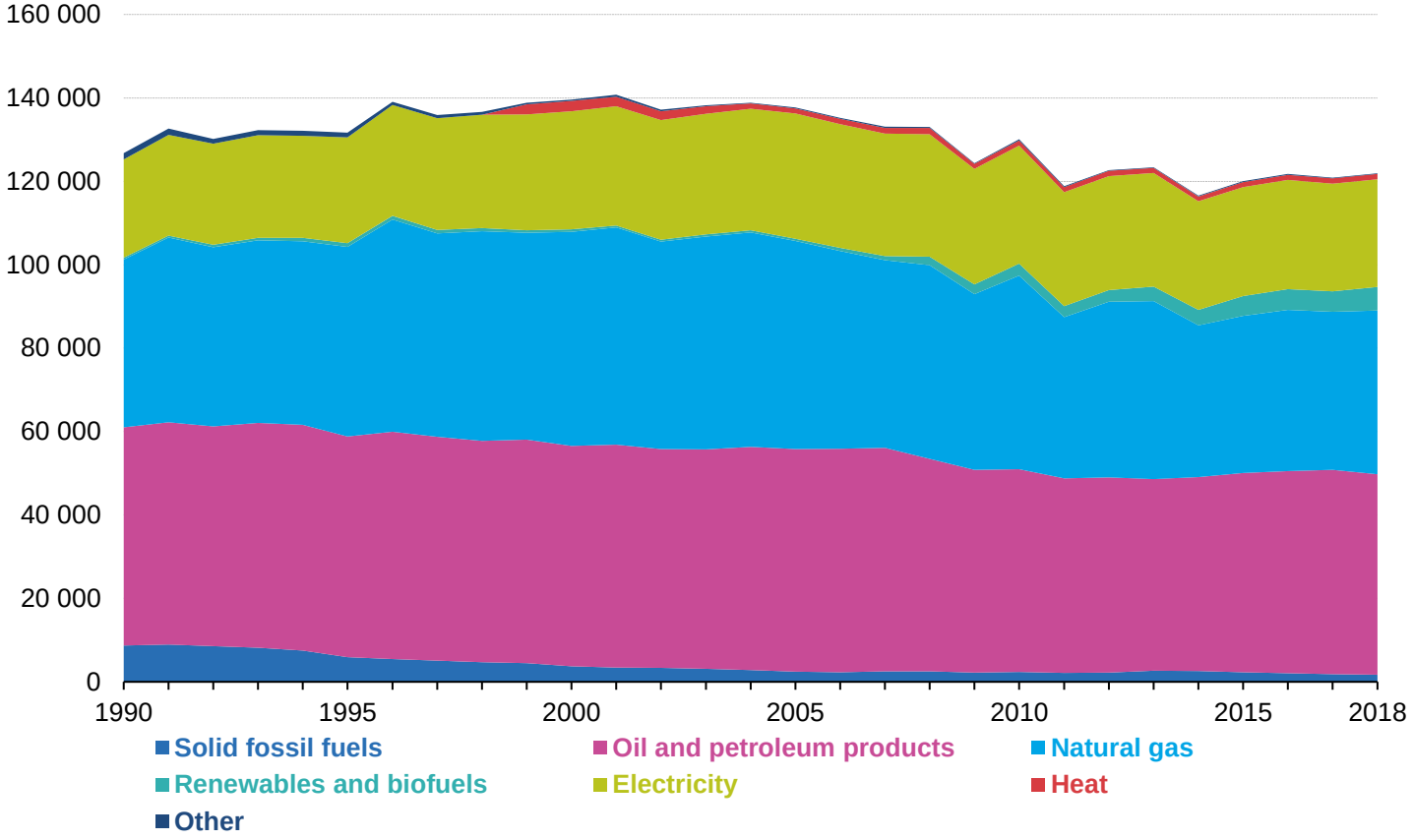


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

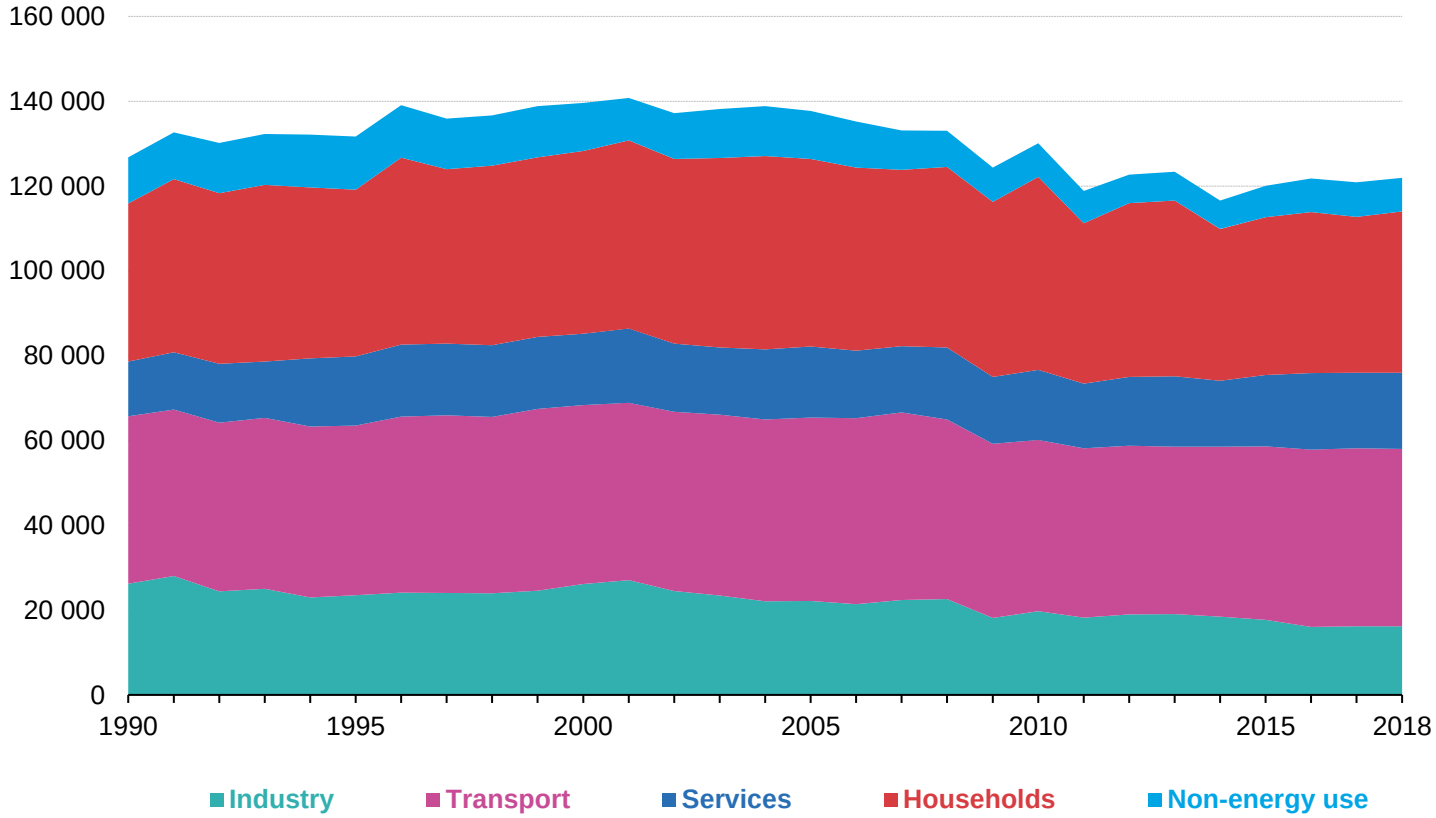
United Kingdom

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	358 290	338 100	338 086	337 780	336 104	330 743	323 708 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	130 257	100 239	75 878	30 669	22 530	16 831	6 891 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	130 257	100 239	75 878	30 669	22 530	16 831	6 891 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	95 843	100 893	99 875	143 356	136 746	131 490	132 458 P
Coke oven gas	327	297	196	101	98	106	110 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	1 094	1 109	889	666	655	668	691 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	97 264	102 299	100 960	144 123	137 500	132 264	133 259 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	1 001	1 038	1 011	985	919	321	311 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	328	422	365	350	348	252	244 P
Fuel oil	579	459	561	555	348	501	486 P
Petroleum coke	159	0	100	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	2 067	1 919	2 037	1 890	1 614	1 073	1 041 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	7 605	8 771	9 037	8 353	8 774	7 988	7 715 P
Geothermal	0	0	0	0	0	0	0 P
Wind	28 397	31 959	40 275	37 155	49 633	56 904	64 134 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	2 010	4 054	7 533	10 408	11 475	12 857	12 677 P
Tide, wave, ocean	5	2	2	0	4	9	13 P
Solid biofuels	9 798	13 823	19 423	19 547	20 542	23 532	26 004 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	6 655	6 897	6 464	6 364	6 036	5 701	6 867 P
Renewable municipal waste	1 649	1 900	2 582	2 740	3 447	3 638	3 682 P
Sub-total	56 119	67 406	85 316	84 567	99 910	110 629	121 091 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	496	588	968	2 065	765	1 243	1 568 P
Non-renewable municipal waste	1 480	1 901	2 582	2 740	3 447	3 638	3 674 P
Sub-total	1 976	2 489	3 550	4 804	4 212	4 881	5 241 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	70 607	63 748	70 345	71 726	70 336	65 064	56 184 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	70 607	63 748	70 345	71 726	70 336	65 064	56 184 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	6 728	6 166	5 063	2 775	3 010	2 314	2 452 P
Other bituminous coal	53 415	42 150	32 537	15 220	11 411	9 596	5 476 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	4 427	4 273	3 817	2 461	2 316	2 163	2 318 P
Patent fuel	304	249	232	236	241	239	200 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	159	154	111	52	54	54	56 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	3 060 263	2 788 880	2 882 400	3 223 190	3 140 968	3 168 097	3 146 179 P
Coke oven gas	30 756	31 030	26 385	13 781	14 042	13 234	13 941 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	56 073	55 391	50 870	36 325	35 148	32 741	33 717 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	58 591	53 752	50 731	48 815	53 207	52 534	52 135 P
Refinery intake	65 136	61 476	61 806	60 513	60 223	58 534	59 108 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	28 418	29 287	32 103	35 045	34 539	35 106	33 290 P
Export	26 899	22 747	22 815	24 291	23 128	22 219	20 721 P
Total refinery output	65 308	60 678	60 933	59 965	59 805	58 172	58 544 P
Gas oil and diesel oil	23 024	21 775	20 687	20 506	20 303	20 043	20 494 P
Motor gasoline	17 691	15 709	16 894	17 343	17 416	16 575	16 464 P
Fuel oil	6 486	5 410	5 097	4 324	3 893	3 200	3 010 P
Naphtha	2 013	2 290	2 368	2 306	2 280	2 209	2 071 P
Kerosene-type jet fuel	4 527	4 635	4 973	4 392	5 031	5 129	5 178 P
All other oil products	11 567	10 859	10 914	11 094	10 882	11 016	11 327 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	171 232	204 182	246 843	254 999	268 837	305 899	363 054 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	85 396	89 413	99 897	113 472	116 117	117 617	116 038 P
Pure biogasoline [kt]	669	659	640	603	598	594	598 P
Pure biodiesels [kt]	725	888	595	630	620	1 014	1 422 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	17 863	21 590	28 694	35 026	37 703	44 079	47 903 P
Non-renewable municipal waste	21 374	27 250	31 759	38 249	40 909	47 285	51 137 P
Industrial waste (non-renewable)	4 583	8 556	9 348	16 912	7 732	7 075	5 643 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	33	33	33	33	33	33	35 P
Solar thermal	2 005	2 075	2 122	2 145	2 179	2 208	2 233 P
Ambinet heat (heat pumps)	6 968	7 701	46 374	46 496	44 667	45 556	0 P

Source: Eurostat (nrg_cb_rw)

Iceland ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	5 430.3	0.0	Z	0.0	0.0	0.0	0.0	5 430.3	0.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	1 280.6	100.9	0.0	0.0	0.0	1 162.1	0.0	17.6	0.0	Z	0.0	0.0
- Exports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Change in stock	-57.1	8.6	0.0	0.0	0.0	-65.5	0.0	-0.2	0.0	Z	Z	Z
= Gross available energy	**6 653.7**	**109.6**	**0.0**	**0.0**	**0.0**	**1 096.5**	**0.0**	**5 447.6**	**0.0**	**0.0**	**0.0**	**0.0**
- International maritime bunkers	76.1	0.0	0.0	0.0	0.0	76.1	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**6 577.7**	**109.6**	**0.0**	**0.0**	**0.0**	**1 020.5**	**0.0**	**5 447.6**	**0.0**	**0.0**	**0.0**	**0.0**
- International aviation	429.3	Z	Z	Z	Z	429.3	Z	0.0	Z	Z	Z	Z
= Total energy supply	**6 148.4**	**109.6**	**0.0**	**0.0**	**0.0**	**591.2**	**0.0**	**5 447.6**	**0.0**	**0.0**	**0.0**	**0.0**
Transformation input	**5 314.3**	**0.0**	**0.0**	**0.0**	**0.0**	**4.1**	**0.0**	**5 291.8**	**0.0**	**0.0**	**0.0**	**18.4**
+ Electricity & heat generation	5 293.9	0.0	0.0	0.0	0.0	0.8	0.0	5 274.7	0.0	0.0	0.0	18.4
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	3.3	Z	Z	Z	Z	3.3	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	17.1	Z	Z	Z	Z	Z	Z	17.1	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**2 530.8**	**0.0**	**0.0**	**0.0**	**Z**	**3.1**	**0.0**	**17.1**	**Z**	**Z**	**805.6**	**1 705.1**
+ Electricity & heat generation	2 510.6	Z	Z	Z	Z	Z	Z	Z	Z	Z	805.6	1 705.1
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	3.1	Z	Z	Z	Z	3.1	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	17.1	Z	Z	Z	Z	Z	Z	17.1	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**49.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**49.4**
+ Own use in electricity & heat genera	34.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	34.2
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	15.2
Distribution losses	**137.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**8.7**	**0.0**	**Z**	**81.1**	**47.7**
Available for final consumption	**3 178.1**	**109.6**	**0.0**	**0.0**	**0.0**	**590.2**	**0.0**	**164.2**	**0.0**	**0.0**	**724.5**	**1 589.6**
Final non-energy consumption	**47.4**	**0.0**	**0.0**	**0.0**	**0.0**	**47.4**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**3 199.7**	**109.6**	**0.0**	**0.0**	**0.0**	**569.9**	**0.0**	**125.0**	**0.0**	**Z**	**805.6**	**1 589.6**
+ Industry	1 522.1	109.6	0.0	0.0	0.0	43.2	0.0	34.5	0.0	Z	0.0	1 334.9
+ Iron & steel	228.8	109.6	0.0	0.0	0.0	10.1	0.0	22.0	0.0	Z	0.0	87.2
+ Chemical & petrochemical	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	8.3
+ Non-ferrous metals	1 163.8	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	Z	0.0	1 162.9
+ Non-metallic minerals	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	15.2
+ Transport equipment	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.4
+ Machinery	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.9
+ Mining & quarrying	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.3
+ Food, beverages & tobacco	57.6	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	Z	0.0	53.8
+ Paper, pulp & printing	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	1.0
+ Wood & wood products	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.3
+ Construction	29.4	0.0	0.0	0.0	0.0	26.1	0.0	0.0	0.0	Z	0.0	3.3
+ Textile & leather	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.3
+ Not elsewhere specified (industry)	15.8	0.0	0.0	0.0	0.0	2.3	0.0	12.4	0.0	Z	0.0	1.0
+ Transport	369.5	0.0	0.0	0.0	0.0	340.2	0.0	21.7	0.0	Z	Z	7.6
+ Rail	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	0.0
+ Road	341.4	Z	Z	Z	Z	318.3	0.0	21.7	0.0	Z	Z	1.5
+ Domestic aviation	8.2	Z	Z	Z	Z	8.2	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	13.7	0.0	0.0	0.0	0.0	13.7	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	6.1
+ Other	1 308.1	0.0	0.0	0.0	0.0	186.5	0.0	68.9	0.0	Z	805.6	247.1
+ Commercial & public services	511.9	0.0	0.0	0.0	0.0	0.2	0.0	37.9	0.0	Z	326.4	147.4
+ Households	505.4	0.0	0.0	0.0	0.0	2.6	0.0	12.1	0.0	Z	417.9	72.9
+ Agriculture & forestry	42.8	0.0	0.0	0.0	0.0	6.2	0.0	5.7	0.0	Z	10.3	20.6
+ Fishing	237.2	0.0	0.0	0.0	0.0	177.1	0.0	13.1	0.0	Z	40.7	6.3
+ Not elsewhere specified (other)	10.7	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	Z	10.3	0.0
Statistical differences	**-68.9**	**0.0**	**0.0**	**0.0**	**0.0**	**-27.1**	**0.0**	**39.2**	**0.0**	**0.0**	**-81.1**	**0.0**
Gross electricity production	1 705.1	0.0	0.0	0.0	0.0	0.2	0.0	1 704.9	0.0	0.0	Z	Z
Gross heat production	805.6	0.0	0.0	0.0	0.0	0.5	0.0	783.9	0.0	0.0	Z	21.2

Source: Eurostat (nrg_bal_c)

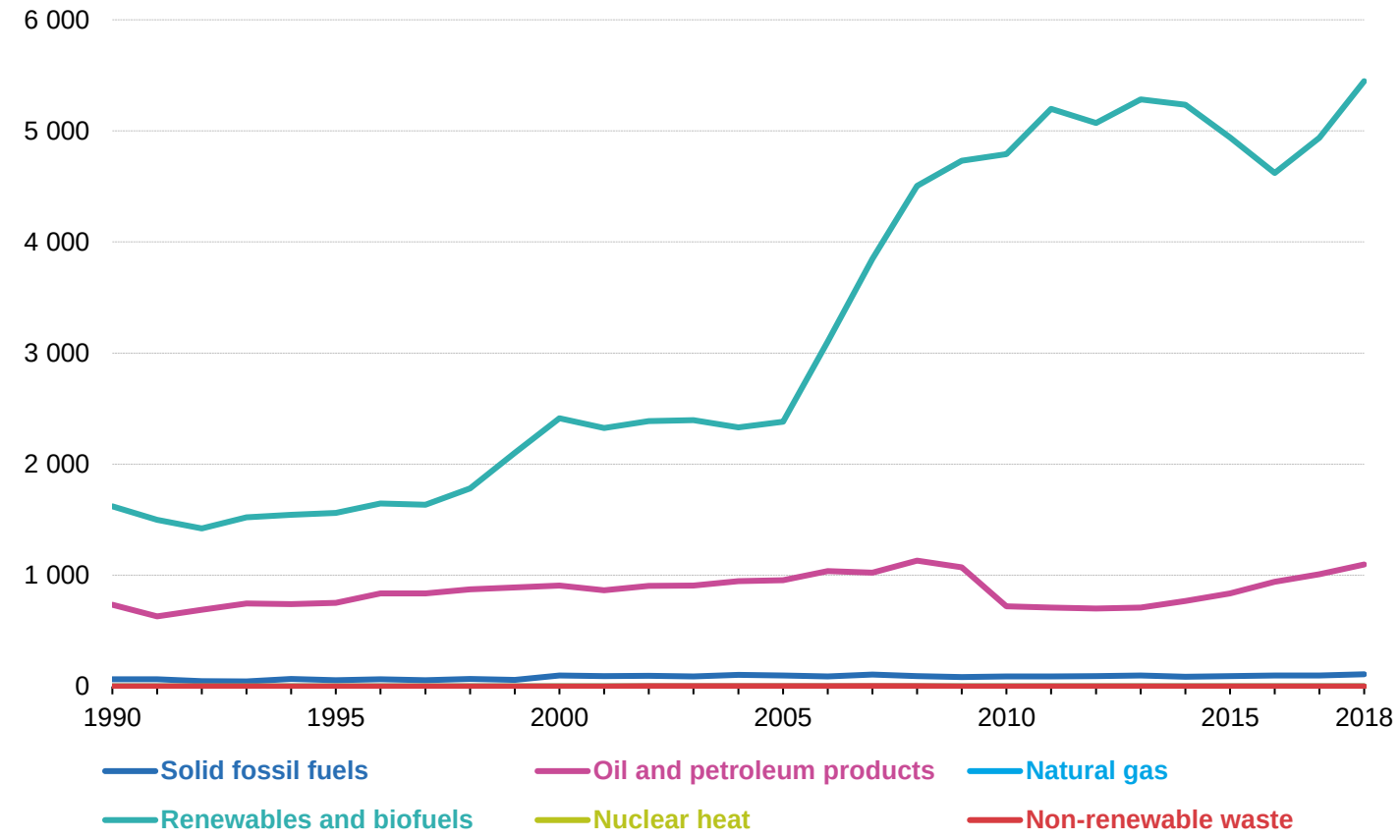
Iceland	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	5 602	6 000	5 864	6 091	6 089	5 871	5 663	6 047	6 654
Solid fossil fuels	90	91	93	98	87	93	99	99	110
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Petroleum products	721	710	701	709	768	836	943	1 010	1 097
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	4 790	5 199	5 071	5 284	5 235	4 942	4 621	4 939	5 448
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	4 791	5 199	5 071	5 282	5 233	4 928	4 605	4 920	5 430
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	4 790	5 199	5 071	5 282	5 233	4 928	4 605	4 920	5 430
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	777	803	803	823	850	964	1 069	1 123	1 281
Solid fossil fuels	87	89	97	98	87	93	99	99	101
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	300	308	287	280	296	351	350	357	379
Motor Gasoline (w/o bio)	151	152	145	140	140	146	142	144	141
Naphtha	0	0	0	0	0	0	0	0	0
LPG	3	3	3	3	2	3	3	3	3
All other oil & petroleum products	690	714	706	722	760	857	954	1 006	1 162
Natural gas	0	0	0	0	0	0	0	0	0
Transformation input	4 700	5 108	4 972	5 180	5 118	4 855	4 473	4 750	5 314
Electricity & heat generation	4 700	5 108	4 953	5 154	5 116	4 822	4 458	4 733	5 294
Refinery intake	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	1 982	1 994	2 077	2 129	2 114	2 286	2 276	2 387	2 531
Electricity & heat generation	1 982	1 994	2 057	2 101	2 112	2 252	2 261	2 371	2 511
Refinery output	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	40	43	36	24	43	37	48	48	49
Distribution losses	125	108	113	103	116	126	123	129	137
Available for final consumption	2 535	2 531	2 614	2 721	2 718	2 866	2 931	3 065	3 178
Solid fossil fuels	90	91	93	98	87	93	99	99	110
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	293	273	274	274	295	327	313	321	304
Motor Gasoline (w/o bio)	156	150	144	142	139	139	143	144	136
Naphtha	0	0	0	0	0	0	0	0	0
LPG	3	3	3	3	2	3	3	3	3
All other oil & petroleum products	536	506	495	518	557	563	577	564	590
Natural gas	0	0	0	0	0	0	0	0	0
Primary solid biofuels & charcoal	0	0	0	11	10	11	11	16	22
Liquid biofuels	0	0	0	2	2	14	15	17	17
All other renewable energies	99	100	127	140	129	131	174	218	164
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	1 351	1 377	1 414	1 485	1 456	1 511	1 488	1 538	1 590
Heat	458	458	485	481	489	567	594	645	725
Statistical difference	-1	-6	2	3	-36	-3	10	75	-69
Final non-energy consumption	18	15	11	11	13	20	18	19	47
Final energy consumption	2 517	2 521	2 600	2 707	2 740	2 849	2 903	2 971	3 200
Industry	1 300	1 324	1 359	1 424	1 442	1 460	1 444	1 500	1 522
Transport	284	276	270	277	279	301	330	358	370
Other sectors	933	921	971	1 005	1 019	1 088	1 128	1 112	1 308
Services	303	302	325	333	364	397	422	399	512
Households	378	371	401	399	385	392	423	423	505

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	5 544	5 937	5 805	6 066	6 066	5 823	5 605	5 986	6 578
Primary energy consumption	5 526	5 922	5 794	6 055	6 053	5 803	5 587	5 968	6 530
Final energy consumption	2 644	2 662	2 748	2 873	2 926	3 074	3 209	3 353	3 629

Source: Eurostat (nrg_bal_c)

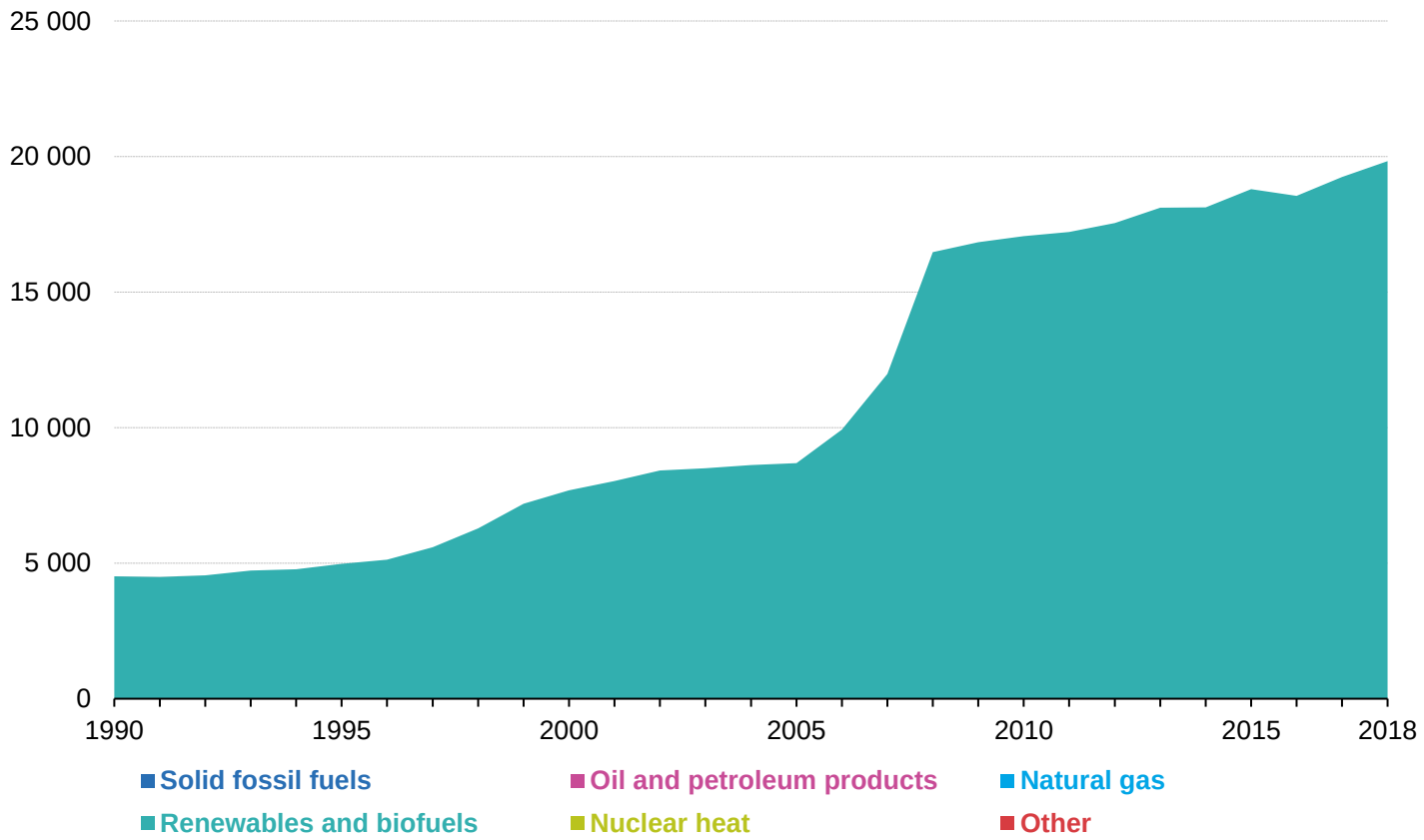
Iceland

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

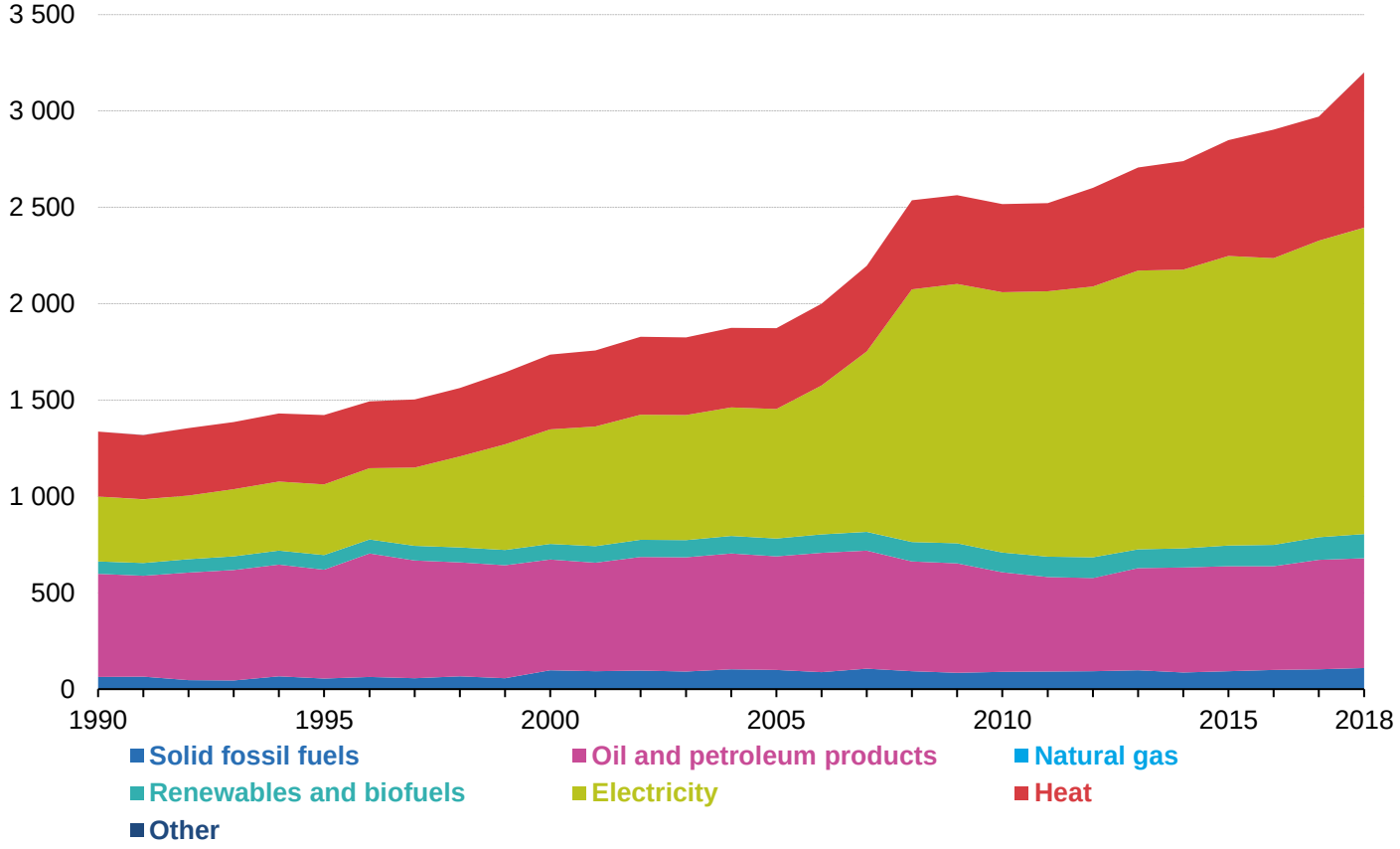


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

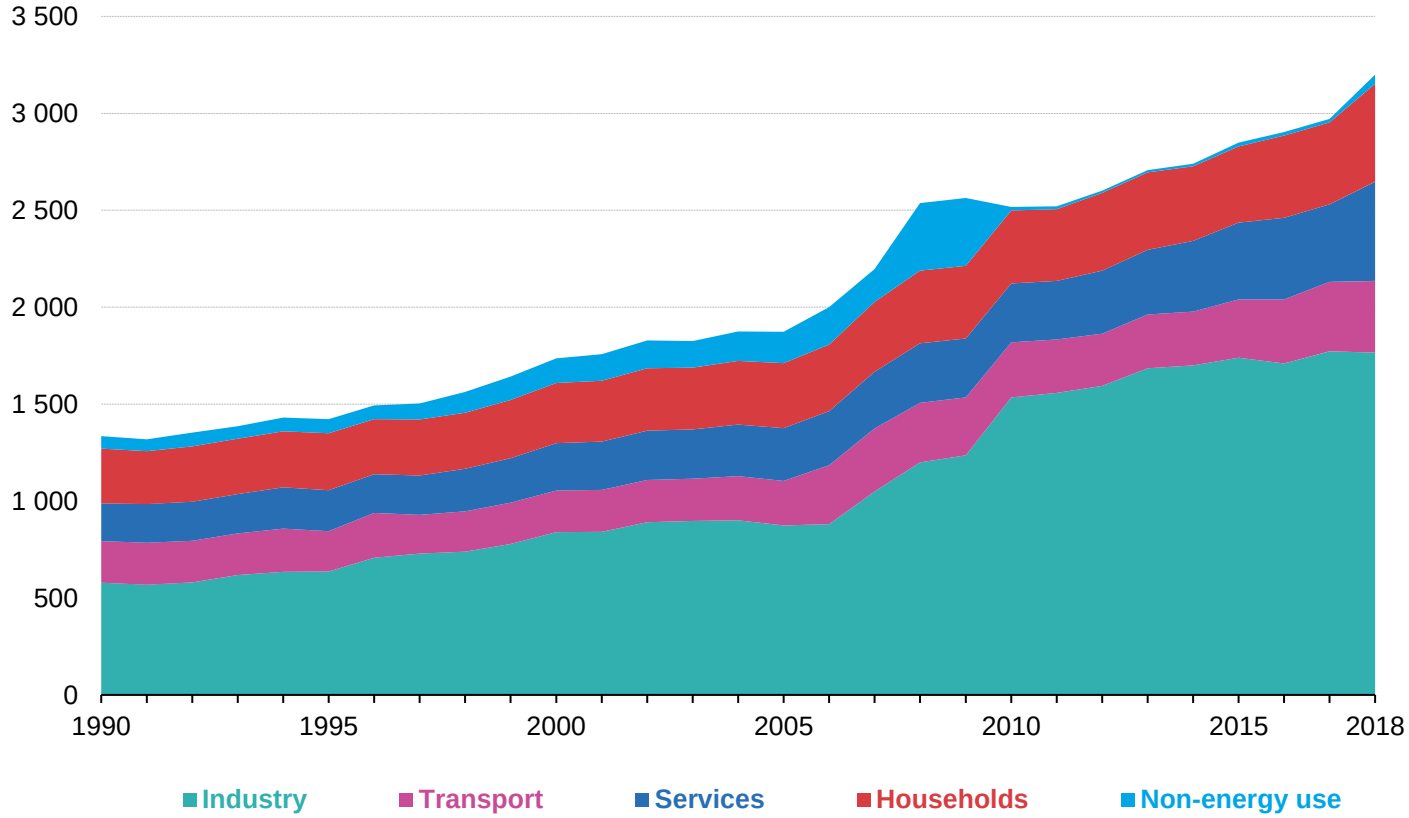
Iceland

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Iceland

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	18 116	18 123	18 799	18 550	19 239	19 830	0 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	: P
Coking coal	0	0	0	0	0	0	: P
Other bituminous coal	0	0	0	0	0	0	: P
Sub-bituminous coal	0	0	0	0	0	0	: P
Lignite	0	0	0	0	0	0	: P
Coke oven coke	0	0	0	0	0	0	: P
Patent fuel	0	0	0	0	0	0	: P
Brown coal briquettes	0	0	0	0	0	0	: P
Coal tar	0	0	0	0	0	0	: P
Peat	0	0	0	0	0	0	: P
Peat products	0	0	0	0	0	0	: P
Oil shale and oil sands	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	0	0	: P
Coke oven gas	0	0	0	0	0	0	: P
Gas works gas	0	0	0	0	0	0	: P
Blast furnace gas	0	0	0	0	0	0	: P
Other recovered gases	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	: P
Refinery gas	0	0	0	0	0	0	: P
Liquefied petroleum gases	0	0	0	0	0	0	: P
Naphtha	0	0	0	0	0	0	: P
Kerosene-type jet fuel	0	0	0	0	0	0	: P
Other kerosene	0	0	0	0	0	0	: P
Gas oil and diesel oil	5	3	4	3	2	2	: P
Fuel oil	0	0	0	0	0	0	: P
Petroleum coke	0	0	0	0	0	0	: P
Bitumen	0	0	0	0	0	0	: P
Other oil products	0	0	0	0	0	0	: P
Sub-total	5	3	4	3	2	2	0 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	12 863	12 873	13 781	13 470	14 059	13 814	: P
Geothermal	5 245	5 239	5 003	5 068	5 170	6 010	: P
Wind	3	8	11	9	8	4	: P
Solar thermal	0	0	0	0	0	0	: P
Solar photovoltaic	0	0	0	0	0	0	: P
Tide, wave, ocean	0	0	0	0	0	0	: P
Solid biofuels	0	0	0	0	0	0	: P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	0	0	0	0	0	0	: P
Renewable municipal waste	0	0	0	0	0	0	: P
Sub-total	18 111	18 120	18 795	18 547	19 236	19 828	0 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	: P
Non-renewable municipal waste	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	: P
Heat from chemical sources	0	0	0	0	0	0	: P
Other fuels not elsewhere specified	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	120	100	116	124	127	144	: O
Coking coal	0	0	0	0	0	0	: O
Other bituminous coal	0	0	0	0	0	0	: O
Sub-bituminous coal	0	0	0	0	0	0	: O
Lignite	0	0	0	0	0	0	: O
Coke oven coke	27	31	24	25	22	21	: O
Patent fuel	0	0	0	0	0	0	: O
Brown coal briquettes	0	0	0	0	0	0	: O
Coal tar	0	0	0	0	0	0	: O
Peat	0	0	0	0	0	0	: O
Peat products	0	0	0	0	0	0	: O
Oil shale and oil sands	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	0	0	: O
Coke oven gas	0	0	0	0	0	0	: O
Gas works gas	0	0	0	0	0	0	: O
Blast furnace gas	0	0	0	0	0	0	: O
Other recovered gases	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	0	0	0	0	0	: O
Refinery intake	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	705	746	836	928	978	1 130	: O
Export	0	0	0	0	0	0	: O
Total refinery output	0	0	0	0	0	0	: P
Gas oil and diesel oil	0	0	0	0	0	0	: O
Motor gasoline	0	0	0	0	0	0	: O
Fuel oil	0	0	0	0	0	0	: O
Naphtha	0	0	0	0	0	0	: O
Kerosene-type jet fuel	0	0	0	0	0	0	: O
All other oil products	0	0	0	0	0	0	: P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	441	429	455	465	680	902	: O
Charcoal [kt]	0	0	0	1	2	1	: O
Biogases [TJ]	71	71	69	71	76	78	: O
Pure biogasoline [kt]	0	0	2	4	5	7	: O
Pure biodiesels [kt]	2	2	12	12	13	12	: O
Other liquid biofuels [kt]	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	: O
Non-renewable municipal waste	0	0	0	0	0	0	: O
Industrial waste (non-renewable)	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	174 325	172 205	156 152	143 729	154 603	176 630	: O
Solar thermal	0	0	0	0	0	0	: O
Ambinet heat (heat pumps)	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Norway ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	206 228.0	100.9	Z	0.0	0.0	85 009.7	106 416.6	14 286.9	269.3	0.0	144.6	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	11 026.0	783.9	0.0	0.0	0.0	9 104.2	0.0	420.8	0.0	Z	0.0	717.1
- Exports	186 801.8	75.7	0.0	0.0	0.0	83 813.2	101 261.4	61.7	0.0	Z	0.0	1 589.8
+ Change in stock	-818.6	14.2	0.0	0.0	0.0	-877.3	43.1	1.4	0.0	Z	Z	Z
= Gross available energy	**29 633.7**	**823.2**	**0.0**	**0.0**	**0.0**	**9 423.5**	**5 198.2**	**14 647.4**	**269.3**	**0.0**	**144.6**	**-872.7**
- International maritime bunkers	213.0	0.0	0.0	0.0	0.0	165.9	47.1	0.0	Z	Z	Z	Z
= Gross inland consumption	**29 420.7**	**823.2**	**0.0**	**0.0**	**0.0**	**9 257.6**	**5 151.1**	**14 647.4**	**269.3**	**0.0**	**144.6**	**-872.7**
- International aviation	563.1	Z	Z	Z	Z	563.1	Z	0.0	Z	Z	Z	Z
= Total energy supply	**28 857.5**	**823.2**	**0.0**	**0.0**	**0.0**	**8 694.5**	**5 151.1**	**14 647.4**	**269.3**	**0.0**	**144.6**	**-872.7**
Transformation input	**55 096.9**	**271.2**	**30.2**	**0.0**	**0.0**	**40 822.6**	**341.9**	**13 053.3**	**170.8**	**0.0**	**231.8**	**175.2**
+ Electricity & heat generation	13 677.1	20.7	30.2	0.0	0.0	19.1	341.9	12 687.6	170.8	0.0	231.8	175.2
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	250.6	250.6	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	40 803.5	Z	Z	Z	Z	40 803.5	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	365.7	Z	Z	Z	Z	Z	Z	365.7	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**55 350.0**	**0.0**	**100.2**	**0.0**	**Z**	**41 603.8**	**0.0**	**365.7**	**Z**	**Z**	**649.9**	**12 630.3**
+ Electricity & heat generation	13 280.2	Z	Z	Z	Z	Z	Z	Z	Z	Z	649.9	12 630.3
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	100.2	0.0	100.2	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	41 603.8	Z	Z	Z	Z	41 603.8	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	365.7	Z	Z	Z	Z	Z	Z	365.7	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**6 286.4**	**0.0**	**0.0**	**0.0**	**0.0**	**869.9**	**4 567.6**	**0.1**	**0.0**	**Z**	**0.0**	**848.8**
+ Own use in electricity & heat genera	56.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	Z	0.0	56.2
+ Coal mines	6.7	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	Z	0.0	1.5
+ Oil & natural gas extraction plants	5 599.9	Z	Z	Z	Z	336.6	4 533.3	0.0	Z	Z	0.0	730.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	609.3	0.0	0.0	0.0	0.0	528.2	34.3	0.0	0.0	Z	0.0	46.8
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	14.3
Distribution losses	**855.9**	**0.0**	**3.5**	**0.0**	**0.0**	**0.0**	**0.0**	**14.6**	**0.0**	**Z**	**63.4**	**774.3**
Available for final consumption	**21 968.3**	**552.0**	**66.5**	**0.0**	**0.0**	**8 605.7**	**241.6**	**1 945.2**	**98.5**	**0.0**	**499.4**	**9 959.4**
Final non-energy consumption	**2 525.2**	**64.9**	**0.0**	**0.0**	**0.0**	**2 008.7**	**451.7**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**19 073.8**	**462.8**	**66.5**	**0.0**	**0.0**	**5 615.6**	**431.8**	**1 933.0**	**98.6**	**Z**	**499.4**	**9 966.2**
+ Industry	6 139.3	462.7	66.5	0.0	0.0	839.3	275.5	322.1	84.2	Z	47.3	4 041.6
+ Iron & steel	707.3	176.2	43.7	0.0	0.0	8.5	0.9	8.5	1.0	Z	0.2	468.4
+ Chemical & petrochemical	1 409.2	213.8	18.1	0.0	0.0	336.1	102.3	48.3	24.1	Z	9.7	656.8
+ Non-ferrous metals	1 926.4	0.0	0.0	0.0	0.0	20.9	42.5	0.0	0.0	Z	1.3	1 861.7
+ Non-metallic minerals	352.9	72.7	4.8	0.0	0.0	60.7	46.2	30.5	52.8	Z	0.8	84.4
+ Transport equipment	43.5	0.0	0.0	0.0	0.0	4.2	0.8	0.0	0.0	Z	1.3	37.1
+ Machinery	103.2	0.0	0.0	0.0	0.0	8.3	3.7	0.1	0.0	Z	4.2	86.9
+ Mining & quarrying	101.1	0.0	0.0	0.0	0.0	64.0	2.7	0.0	0.0	Z	0.0	34.3
+ Food, beverages & tobacco	403.9	0.0	0.0	0.0	0.0	75.9	50.1	5.3	0.0	Z	16.0	256.7
+ Paper, pulp & printing	464.1	0.0	0.0	0.0	0.0	7.9	16.4	100.7	6.3	Z	0.3	332.5
+ Wood & wood products	158.8	0.0	0.0	0.0	0.0	7.2	5.0	87.5	0.0	Z	6.4	52.7
+ Construction	361.2	0.0	0.0	0.0	0.0	232.5	0.3	0.0	0.0	Z	6.7	121.6
+ Textile & leather	6.9	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	Z	0.0	6.3
+ Not elsewhere specified (industry)	61.5	0.0	0.0	0.0	0.0	13.1	4.0	1.7	0.0	Z	0.4	42.3
+ Transport	4 641.5	0.0	0.0	0.0	0.0	4 045.1	120.8	384.3	0.0	Z	Z	91.3
+ Rail	64.9	0.0	0.0	0.0	0.0	14.4	Z	0.0	0.0	Z	Z	50.5
+ Road	3 372.0	Z	Z	Z	Z	2 921.1	30.3	379.8	0.0	Z	Z	40.8
+ Domestic aviation	386.1	Z	Z	Z	Z	386.1	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	728.0	0.0	0.0	0.0	0.0	723.5	Z	4.5	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	90.5	0.0	0.0	0.0	0.0	0.0	90.5	0.0	0.0	Z	Z	0.0
+ Other	8 293.0	0.1	0.0	0.0	0.0	731.1	35.5	1 226.7	14.3	Z	452.0	5 833.3
+ Commercial & public services	3 183.8	0.1	0.0	0.0	0.0	372.9	18.9	248.6	14.3	Z	340.9	2 188.0
+ Households	4 610.8	0.0	0.0	0.0	0.0	54.0	3.2	978.1	0.0	Z	110.4	3 465.1
+ Agriculture & forestry	304.4	0.0	0.0	0.0	0.0	128.2	13.4	0.0	0.0	Z	0.7	162.2
+ Fishing	141.5	0.0	0.0	0.0	0.0	123.5	0.0	0.0	0.0	Z	0.0	18.0
+ Not elsewhere specified (other)	52.5	0.0	0.0	0.0	0.0	52.5	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**369.2**	**24.4**	**0.0**	**0.0**	**0.0**	**981.4**	**-641.9**	**12.2**	**-0.0**	**0.0**	**0.0**	**-6.8**
Gross electricity production	12 601.6	3.8	11.5	0.0	0.0	2.6	222.4	12 346.6	14.7	0.0	Z	Z
Gross heat production	522.8	6.0	0.3	0.0	0.0	14.5	14.5	296.3	126.5	0.0	Z	64.7

Source: Eurostat (nrg_bal_c)

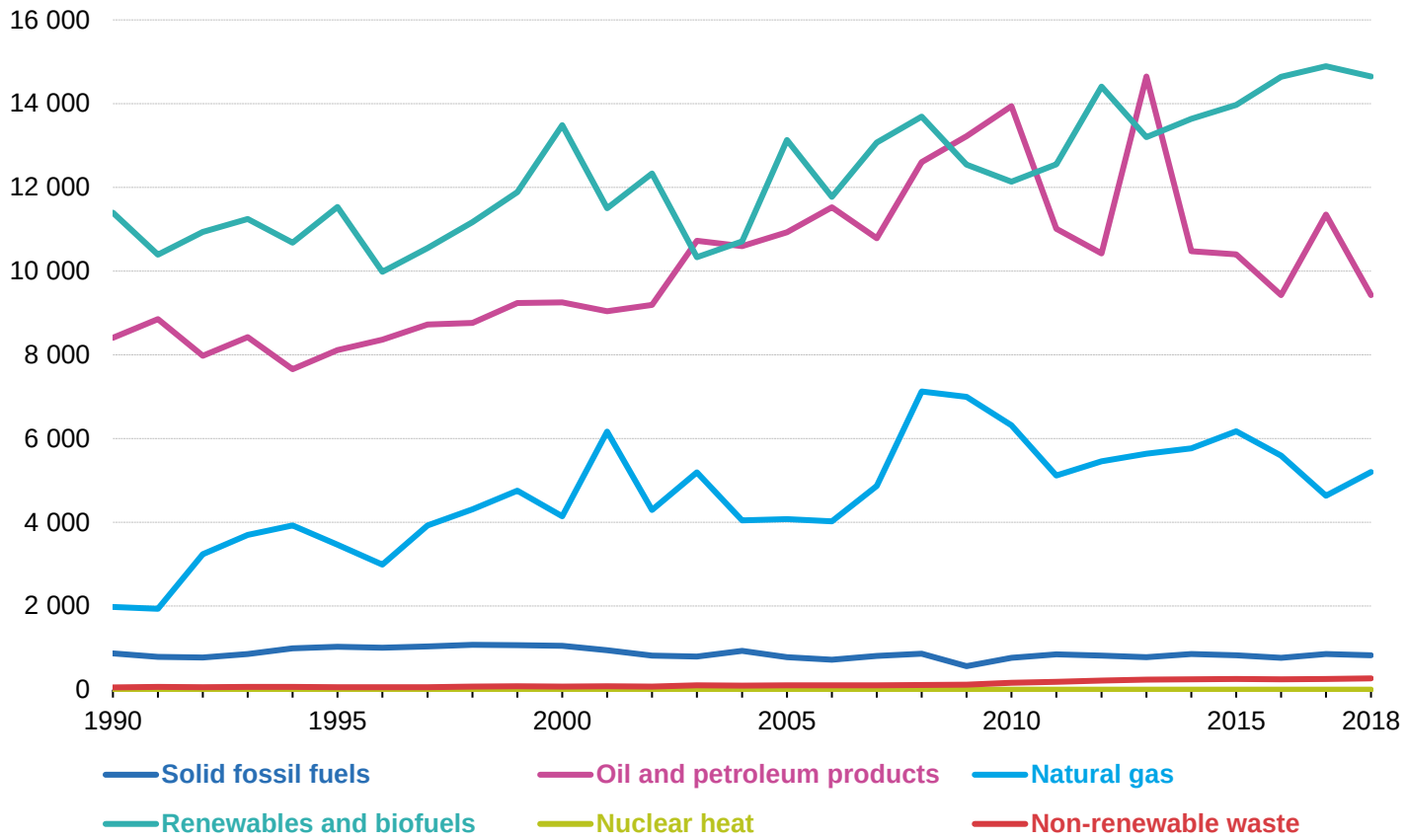
Norway	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	34 012	29 466	29 795	34 173	29 764	30 506	29 382	30 811	29 634
Solid fossil fuels	763	846	816	775	850	821	758	848	823
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	22 268	23 491	22 737	25 072	22 232	24 526	21 261	25 298	25 472
Petroleum products	13 936	11 012	10 420	14 647	10 474	10 397	9 425	11 347	9 423
Natural gas	6 315	5 113	5 455	5 640	5 762	6 176	5 590	4 635	5 198
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	12 132	12 547	14 408	13 195	13 638	13 970	14 639	14 893	14 647
Non-renewable wastes	162	187	213	236	245	257	249	252	269
Primary production	209 106	199 486	205 655	195 576	196 182	206 831	209 030	213 916	206 228
Solid fossil fuels	1 299	930	825	1 245	1 124	742	549	88	101
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	100 951	95 491	88 960	84 622	85 428	89 069	91 470	90 269	85 010
Natural gas	94 721	90 550	101 452	96 389	95 797	102 847	102 336	108 720	106 417
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	11 918	12 302	14 192	12 974	13 453	13 771	14 294	14 447	14 287
Non-renewable wastes	162	187	213	236	245	257	249	252	269
Net imports	-175 147	-169 381	-175 680	-161 429	-166 857	-176 148	-179 368	-184 193	-175 776
Solid fossil fuels	-383	-222	-53	-673	-259	1	121	754	708
Crude oil	-78 531	-71 538	-66 127	-59 494	-63 500	-64 422	-69 470	-65 953	-58 853
Gas/Diesel Oil (w/o bio)	-811	-1 831	-1 092	-1 411	-1 696	-1 689	-904	-2 598	-2 610
Motor Gasoline (w/o bio)	-1 819	-2 793	-2 606	-2 124	-2 068	-2 986	-3 099	-3 421	-3 665
Naphtha	-2 038	-2 371	-2 532	-1 667	-2 610	-2 634	-1 795	-1 881	-2 220
LPG	-4 534	-5 375	-5 499	-5 011	-5 237	-6 369	-6 589	-6 885	-7 857
All other oil & petroleum products	-87 153	-83 758	-78 281	-69 820	-75 449	-78 340	-81 657	-80 096	-74 709
Natural gas	-88 476	-85 384	-96 030	-90 729	-89 999	-96 749	-96 765	-103 993	-101 261
Transformation input	45 608	47 414	53 005	49 968	46 903	53 438	51 581	55 648	55 097
Electricity & heat generation	11 898	12 048	13 450	12 405	13 087	13 395	13 785	13 856	13 677
Refinery intake	14 694	15 939	16 618	16 587	14 735	16 412	13 151	16 251	17 213
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	158	233	222	226	244	225	192	240	251
Transformation output	44 961	47 027	52 112	49 981	47 189	53 654	51 830	56 107	55 350
Electricity & heat generation	11 097	11 365	13 129	12 069	12 743	13 006	13 426	13 488	13 280
Refinery output	14 521	15 948	15 833	16 549	15 001	16 685	13 407	16 729	17 551
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	63	93	89	91	98	90	77	96	100
Energy sector	5 728	5 585	5 256	5 666	5 880	6 211	6 063	6 260	6 286
Distribution losses	883	687	837	746	710	699	849	850	856
Available for final consumption	25 923	21 993	21 954	26 921	22 809	23 055	22 083	23 432	21 968
Solid fossil fuels	588	596	579	533	589	579	548	588	552
Manufactured gases	37	67	68	69	70	61	51	61	67
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	4 747	4 158	5 128	5 014	4 472	4 633	4 011	4 044	4 769
Motor Gasoline (w/o bio)	1 840	1 180	1 228	1 891	1 460	1 194	857	1 445	967
Naphtha	1 373	957	-57	2 084	-81	-52	587	580	79
LPG	1 989	1 329	729	1 772	1 808	1 021	1 016	1 198	-330
All other oil & petroleum products	12 430	9 659	8 712	13 484	9 836	9 509	8 726	10 786	8 606
Natural gas	887	174	881	1 078	949	1 189	652	-400	242
Primary solid biofuels & charcoal	1 122	1 098	994	879	672	714	691	720	717
Liquid biofuels	137	132	148	143	134	149	347	499	371
All other renewable energies	1 766	1 805	1 752	1 663	1 482	1 583	1 795	2 011	1 945
Non-renewable wastes	65	75	75	83	92	92	88	85	99
Electricity	9 765	9 279	9 507	9 589	9 387	9 607	9 751	9 810	9 959
Heat	386	338	379	423	403	435	472	491	499
Statistical difference	3 995	887	595	5 601	1 981	1 949	779	2 124	369
Final non-energy consumption	2 341	2 298	2 311	2 328	2 382	2 503	2 342	2 497	2 525
Final energy consumption	19 587	18 807	19 048	18 992	18 446	18 603	18 962	18 811	19 074
Industry	6 153	6 149	5 940	5 890	5 812	5 934	5 935	6 080	6 139
Transport	4 890	4 719	5 158	4 809	4 843	4 958	4 993	4 633	4 642
Other sectors	8 544	7 939	7 950	8 293	7 791	7 711	8 035	8 099	8 293
Services	2 922	2 782	2 931	2 964	2 803	2 836	3 065	3 022	3 184
Households	4 715	4 283	4 526	4 481	4 219	4 410	4 485	4 557	4 611

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	33 116	28 547	28 909	33 099	28 843	29 545	28 420	29 739	28 485
Primary energy consumption	30 775	26 249	26 598	30 771	26 461	27 042	26 078	27 243	25 960
Final energy consumption	19 692	18 887	19 184	19 040	18 479	18 708	18 914	18 783	19 029

Source: Eurostat (nrg_bal_c)

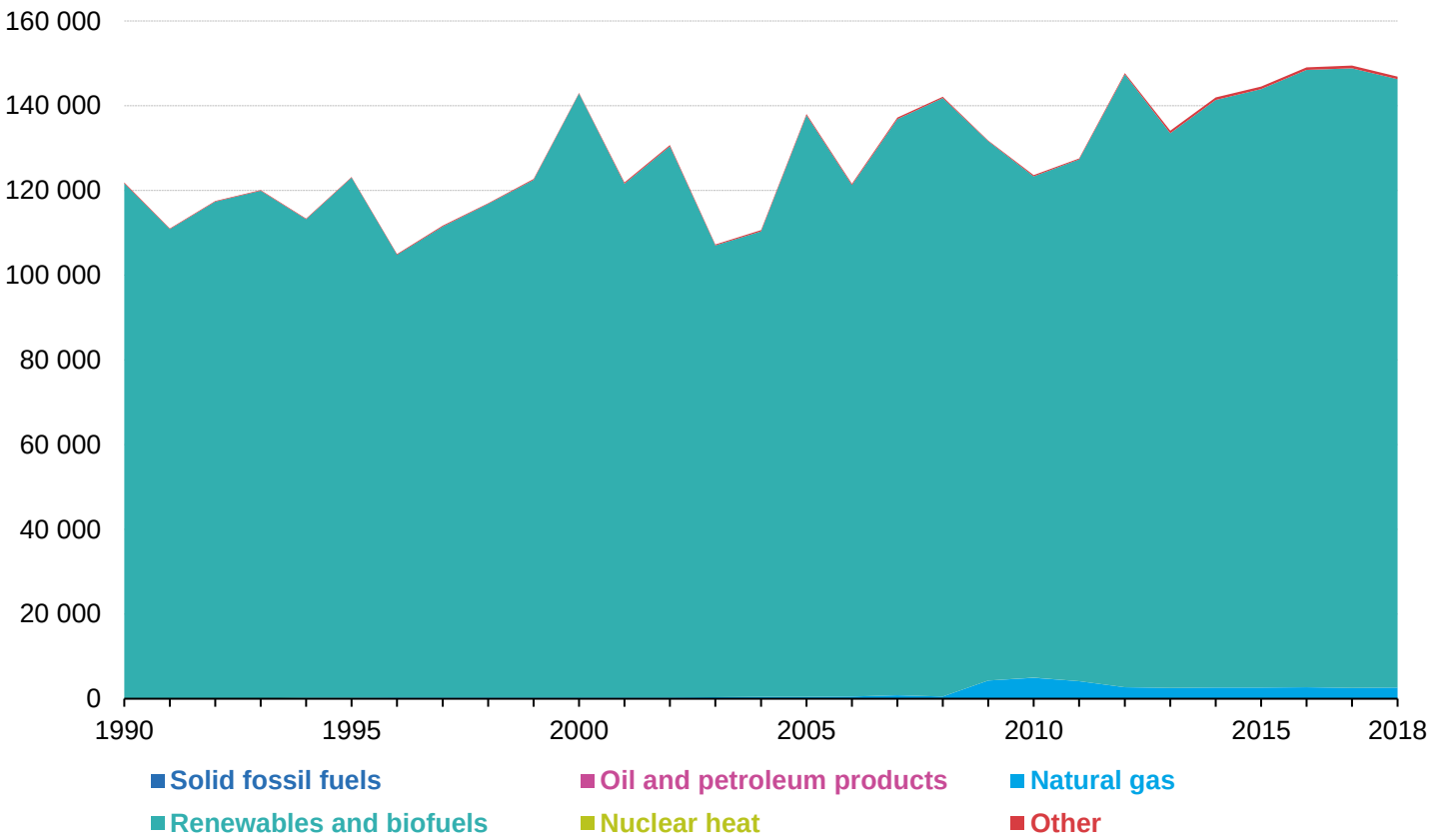
Norway

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

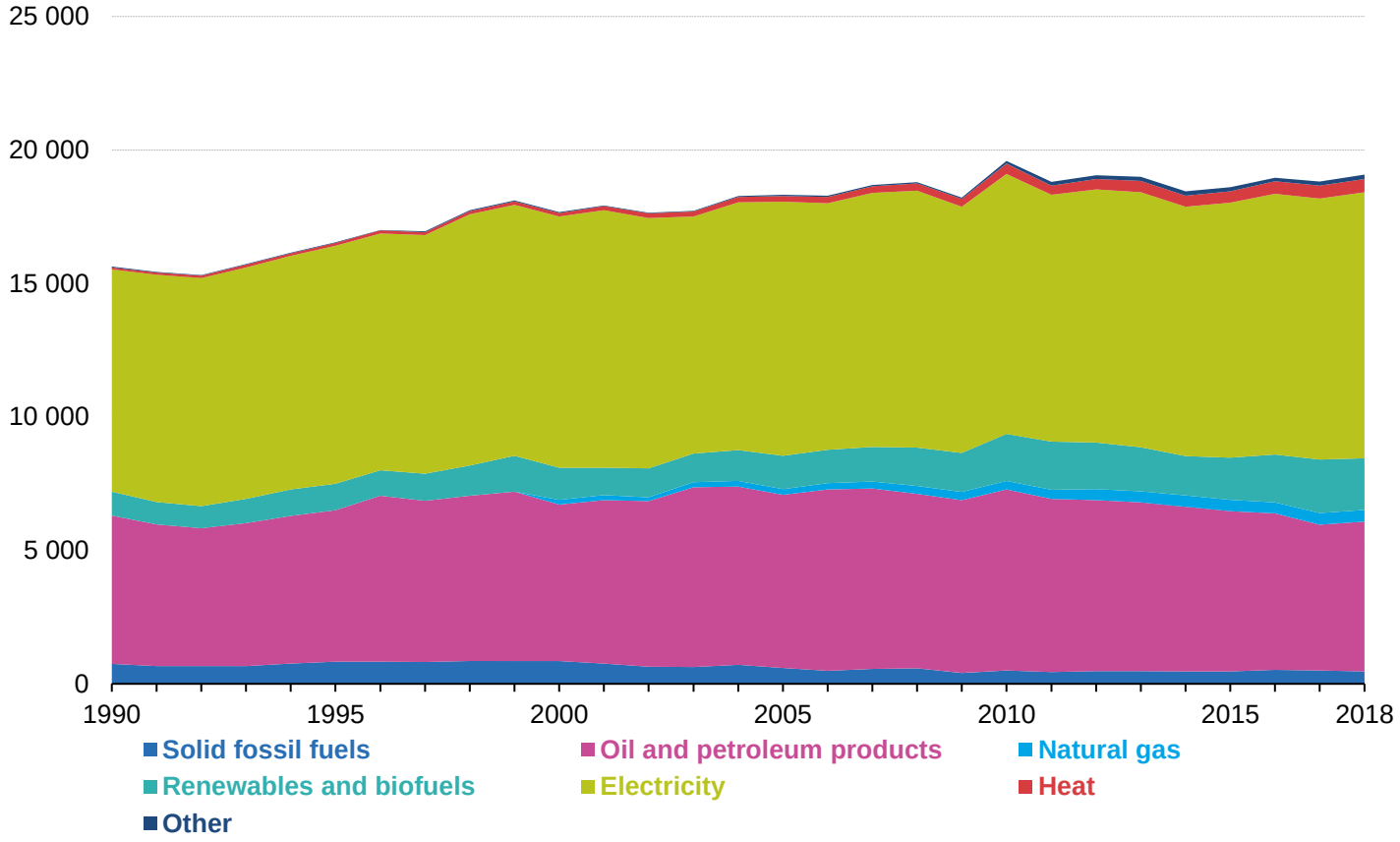


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

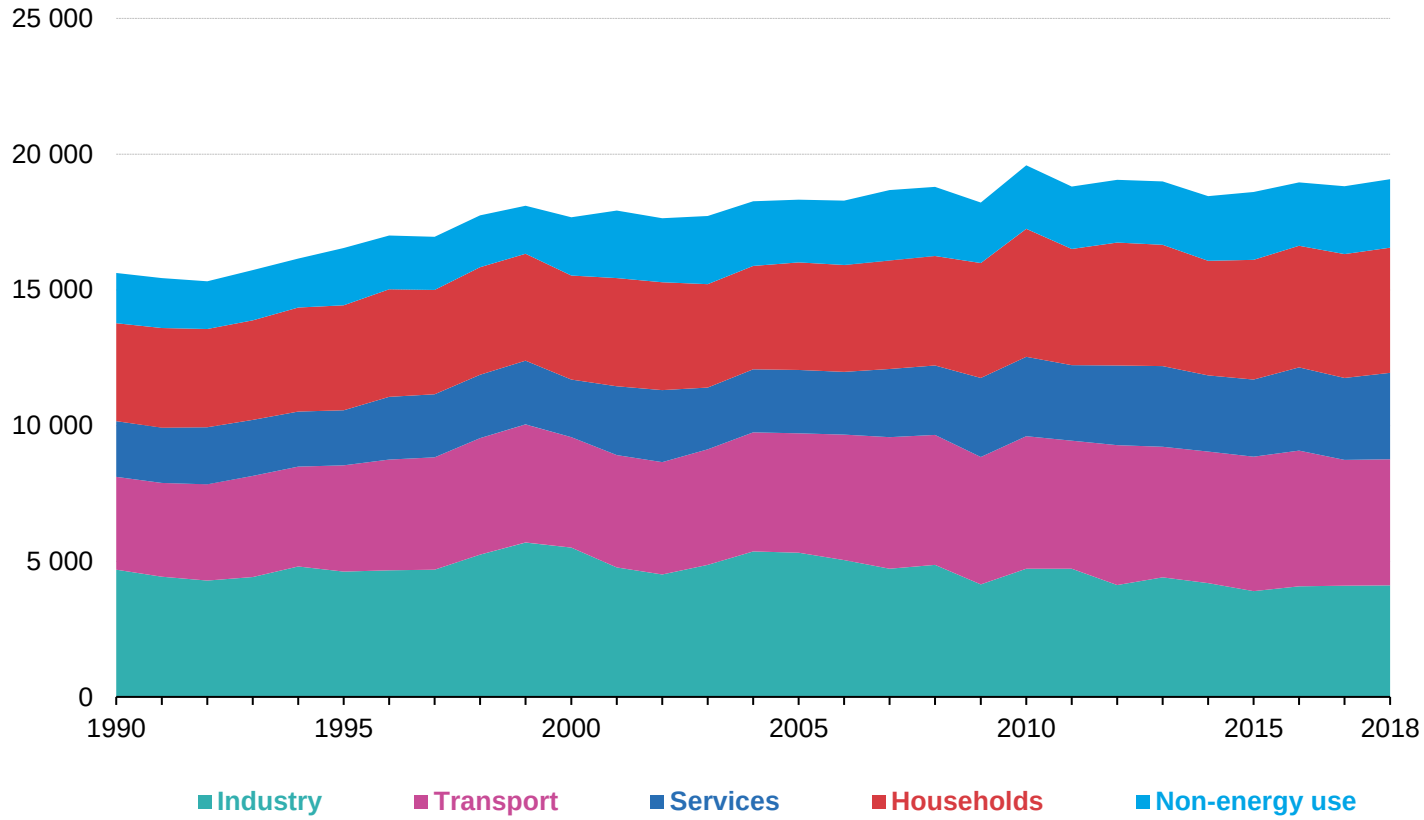
Norway

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	134 072	141 970	144 546	149 042	149 480	146 891	134 635 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	40	38	39	42	43	44	45 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	40	38	39	42	43	44	45 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	2 451	2 601	2 599	2 600	2 521	2 586	2 332 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	110	119	112	104	143	134	118 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	2 561	2 720	2 711	2 704	2 664	2 720	2 451 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	37	29	23	30	28	30	17 P
Fuel oil	0	0	0	0	0	0	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	37	29	23	30	28	30	17 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	128 699	136 185	138 450	143 417	143 112	139 509	125 796 P
Geothermal	0	0	0	0	0	0	0 P
Wind	1 881	2 217	2 515	2 116	2 854	3 876	5 536 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	0	0	0	0	2	13 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	181	22	17	28	24	16	22 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	11	26	21	13	21	17	15 P
Renewable municipal waste	204	210	218	192	214	171	206 P
Sub-total	130 976	138 660	141 221	145 766	146 225	143 591	131 588 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	204	210	218	192	196	171	206 P
Sub-total	204	210	218	192	196	171	206 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	254	313	334	308	324	334	328 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	254	313	334	308	324	334	328 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	728	803	788	712	832	793	829 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	421	457	429	411	425	428	359 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	262 468	267 984	285 689	257 842	213 852	239 630	230 680 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	3 796	4 096	3 765	3 222	4 012	4 197	3 611 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1 816	1 221	1 179	493	1 797	3 283	3 187 P
Refinery intake	17 403	14 123	16 687	13 016	16 954	17 463	15 135 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	4 962	4 294	5 322	5 760	6 038	5 750	6 145 P
Export	14 444	15 341	18 192	16 943	19 092	20 433	19 096 P
Total refinery output	16 018	14 535	16 151	13 014	16 178	17 036	15 159 P
Gas oil and diesel oil	6 735	6 366	6 641	4 984	6 761	7 683	6 545 P
Motor gasoline	3 856	3 299	4 004	3 766	4 609	4 421	3 621 P
Fuel oil	1 668	1 688	1 790	1 290	1 545	1 474	1 806 P
Naphtha	1 837	1 572	1 705	1 111	1 236	1 281	1 320 P
Kerosene-type jet fuel	598	577	840	533	763	778	674 P
All other oil products	1 324	1 033	1 171	1 330	1 264	1 399	1 193 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	43 211	33 651	36 701	36 579	37 846	38 518	40 360 P
Charcoal [kt]	37	38	43	36	36	39	38 P
Biogases [TJ]	700	600	1 100	1 200	1 535	2 277	3 581 P
Pure biogasoline [kt]	17	16	16	49	51	56	71 P
Pure biodiesels [kt]	134	135	149	353	526	375	485 P
Other liquid biofuels [kt]	41	15	12	11	8	15	20 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	7 307	7 425	7 949	7 915	8 180	8 728	8 406 P
Non-renewable municipal waste	6 530	6 744	7 253	7 050	7 378	7 751	7 860 P
Industrial waste (non-renewable)	3 371	3 497	3 519	3 356	3 192	3 525	3 568 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	0	0	0	0	0	0	0 P
Ambinet heat (heat pumps)	25 280	26 771	28 191	29 692	31 101	33 109	33 320 P

Source: Eurostat (nrg_cb_rw)

Montenegro ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	732.6	365.9	Z	0.0	0.0	0.0	0.0	366.7	0.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	494.0	1.2	0.0	0.0	0.0	425.0	0.0	0.8	0.0	Z	0.0	67.1
- Exports	160.8	21.4	0.0	0.0	0.0	32.6	0.0	22.9	0.0	Z	0.0	83.9
+ Change in stock	12.4	14.9	0.0	0.0	0.0	-2.5	0.0	0.0	0.0	Z	Z	Z
= Gross available energy	**1 078.2**	**360.5**	**0.0**	**0.0**	**0.0**	**389.8**	**0.0**	**344.7**	**0.0**	**0.0**	**0.0**	**-16.9**
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**1 078.2**	**360.5**	**0.0**	**0.0**	**0.0**	**389.8**	**0.0**	**344.7**	**0.0**	**0.0**	**0.0**	**-16.9**
- International aviation	23.9	Z	Z	Z	Z	23.9	Z	0.0	Z	Z	Z	Z
= Total energy supply	**1 054.2**	**360.5**	**0.0**	**0.0**	**0.0**	**365.9**	**0.0**	**344.7**	**0.0**	**0.0**	**0.0**	**-16.9**
Transformation input	**552.7**	**353.9**	**0.0**	**0.0**	**0.0**	**4.4**	**0.0**	**194.4**	**0.0**	**0.0**	**0.0**	**0.0**
+ Electricity & heat generation	547.9	353.9	0.0	0.0	0.0	0.0	0.0	194.0	0.0	0.0	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	4.4	Z	Z	Z	Z	4.4	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.5	Z	Z	Z	Z	Z	Z	0.5	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**332.5**	**0.0**	**0.0**	**0.0**	**Z**	**4.4**	**0.0**	**0.4**	**Z**	**Z**	**0.0**	**327.7**
+ Electricity & heat generation	327.7	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	327.7
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	4.4	Z	Z	Z	Z	4.4	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.4	Z	Z	Z	Z	Z	Z	0.4	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**11.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**11.5**
+ Own use in electricity & heat genera	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	11.5
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Distribution losses	**43.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**43.3**
Available for final consumption	**779.3**	**6.6**	**0.0**	**0.0**	**0.0**	**365.9**	**0.0**	**150.7**	**0.0**	**0.0**	**0.0**	**256.1**
Final non-energy consumption	**38.3**	**0.0**	**0.0**	**0.0**	**0.0**	**38.3**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**729.5**	**6.6**	**0.0**	**0.0**	**0.0**	**327.4**	**0.0**	**150.7**	**0.0**	**Z**	**0.0**	**244.8**
+ Industry	135.6	2.7	0.0	0.0	0.0	61.1	0.0	8.3	0.0	Z	0.0	63.4
+ Iron & steel	8.5	1.3	0.0	0.0	0.0	3.9	0.0	0.0	0.0	Z	0.0	3.3
+ Chemical & petrochemical	3.0	0.0	0.0	0.0	0.0	1.0	0.0	1.6	0.0	Z	0.0	0.4
+ Non-ferrous metals	53.8	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	Z	0.0	51.2
+ Non-metallic minerals	4.1	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	Z	0.0	0.8
+ Transport equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Machinery	3.6	0.2	0.0	0.0	0.0	2.4	0.0	0.5	0.0	Z	0.0	0.5
+ Mining & quarrying	11.1	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	Z	0.0	0.6
+ Food, beverages & tobacco	19.1	0.8	0.0	0.0	0.0	9.8	0.0	5.9	0.0	Z	0.0	2.7
+ Paper, pulp & printing	0.6	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	Z	0.0	0.3
+ Wood & wood products	13.0	0.2	0.0	0.0	0.0	11.4	0.0	0.2	0.0	Z	0.0	1.1
+ Construction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Textile & leather	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	Z	0.0	0.1
+ Not elsewhere specified (industry)	18.4	0.2	0.0	0.0	0.0	15.7	0.0	0.2	0.0	Z	0.0	2.3
+ Transport	252.5	0.0	0.0	0.0	0.0	250.9	0.0	0.0	0.0	Z	Z	1.7
+ Rail	1.7	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	1.7
+ Road	250.9	Z	Z	Z	Z	250.9	0.0	0.0	0.0	Z	Z	0.0
+ Domestic aviation	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	341.4	3.9	0.0	0.0	0.0	15.4	0.0	142.4	0.0	Z	0.0	179.7
+ Commercial & public services	87.8	1.8	0.0	0.0	0.0	10.2	0.0	7.0	0.0	Z	0.0	68.8
+ Households	248.0	2.1	0.0	0.0	0.0	1.7	0.0	134.9	0.0	Z	0.0	109.4
+ Agriculture & forestry	5.6	0.0	0.0	0.0	0.0	3.6	0.0	0.5	0.0	Z	0.0	1.5
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**11.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**11.3**
Gross electricity production	327.7	133.7	0.0	0.0	0.0	0.0	0.0	194.0	0.0	0.0	Z	Z
Gross heat production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

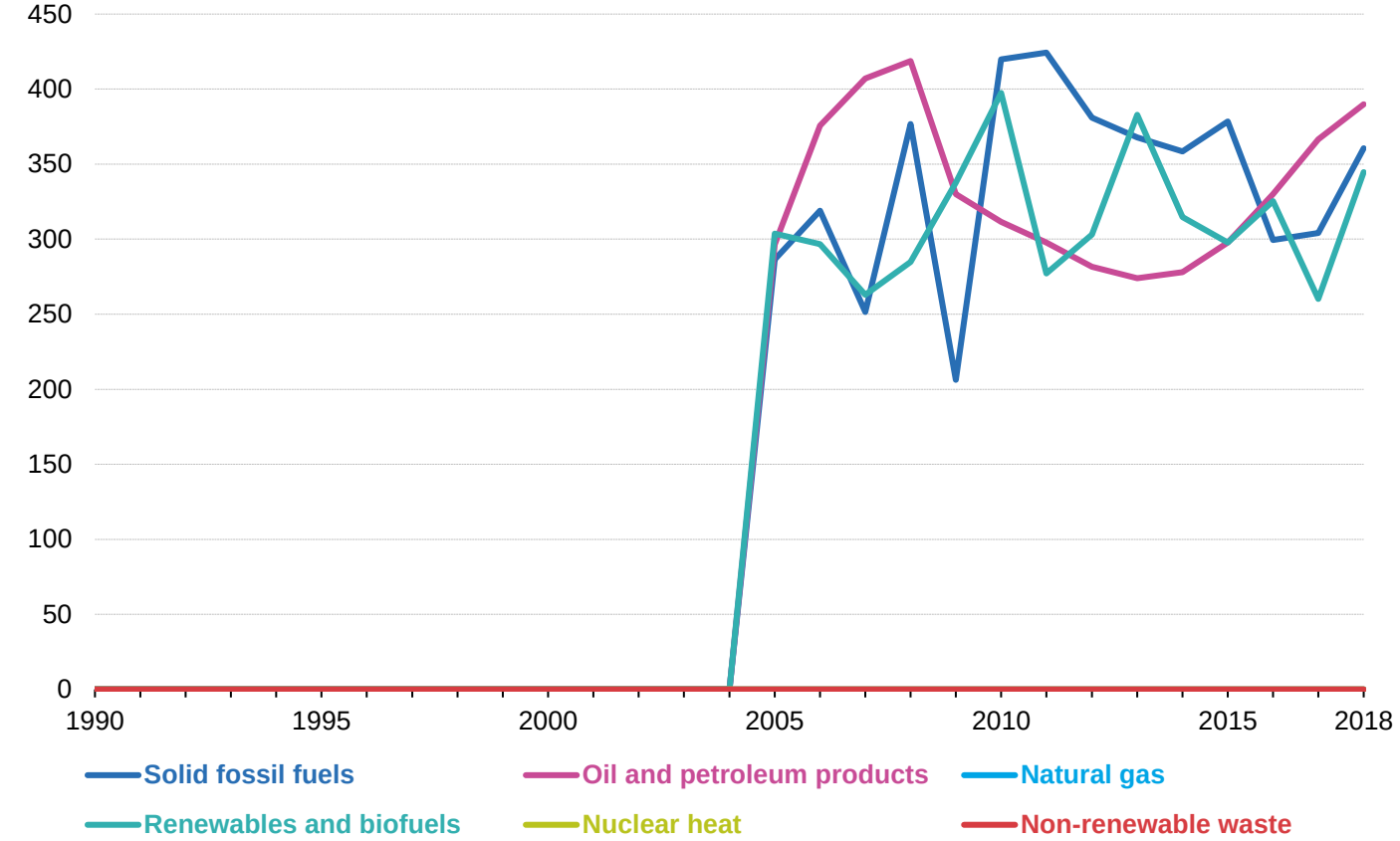
Montenegro	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	1 129	1 134	1 070	995	974	1 019	981	1 027	1 078
Solid fossil fuels	420	424	381	368	359	378	299	304	361
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	3	4
Petroleum products	312	298	282	274	278	298	330	366	390
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	397	277	303	383	315	298	325	260	345
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	826	721	703	761	691	705	653	613	733
Solid fossil fuels	426	434	393	372	364	390	308	324	366
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	399	287	310	389	327	315	346	289	367
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	298	411	367	234	291	306	343	421	333
Solid fossil fuels	-12	-12	-12	-4	-5	-12	-8	-20	-20
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	177	170	173	173	181	190	227	257	264
Motor Gasoline (w/o bio)	61	46	39	34	34	33	37	36	38
Naphtha	0	0	0	0	0	0	0	0	0
LPG	20	21	19	16	20	22	21	21	22
All other oil & petroleum products	312	298	282	274	286	291	345	373	392
Natural gas	0	0	0	0	0	0	0	0	0
Transformation input	645	521	500	578	502	495	446	394	553
Electricity & heat generation	645	521	500	578	502	495	446	391	548
Refinery intake	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	346	228	245	339	273	258	270	217	332
Electricity & heat generation	346	228	245	339	273	258	270	213	328
Refinery output	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	16	14	13	12	12	11	10	10	11
Distribution losses	57	56	60	65	59	50	47	44	43
Available for final consumption	755	760	729	666	656	701	728	774	779
Solid fossil fuels	11	6	8	5	7	11	12	9	7
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	177	170	173	173	173	188	218	246	263
Motor Gasoline (w/o bio)	61	46	39	34	37	38	39	39	38
Naphtha	0	0	0	0	0	0	0	0	0
LPG	20	21	19	16	18	20	19	20	20
All other oil & petroleum products	306	286	268	260	260	279	310	345	366
Natural gas	0	0	0	0	0	0	0	0	0
Primary solid biofuels & charcoal	161	173	175	167	163	169	166	163	150
Liquid biofuels	0	0	0	0	0	0	0	0	0
All other renewable energies	161	174	176	168	164	170	167	164	151
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	276	294	277	233	224	242	240	256	256
Heat	0	0	0	0	0	0	0	0	0
Statistical difference	0	0	0	0	0	11	10	10	12
Final non-energy consumption	40	41	30	25	28	28	30	36	38
Final energy consumption	715	719	699	641	629	663	688	729	729
Industry	199	227	203	183	133	132	120	139	136
Transport	230	213	203	165	163	187	219	236	253
Other sectors	285	279	293	292	333	344	349	354	341
Services	5	8	9	14	69	70	79	86	88
Households	275	269	281	269	256	265	264	263	248

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	1 129	1 134	1 070	995	974	1 019	981	1 027	1 078
Primary energy consumption	1 089	1 093	1 040	970	946	991	951	992	1 040
Final energy consumption	717	730	712	655	646	682	708	750	753

Source: Eurostat (nrg_bal_c)

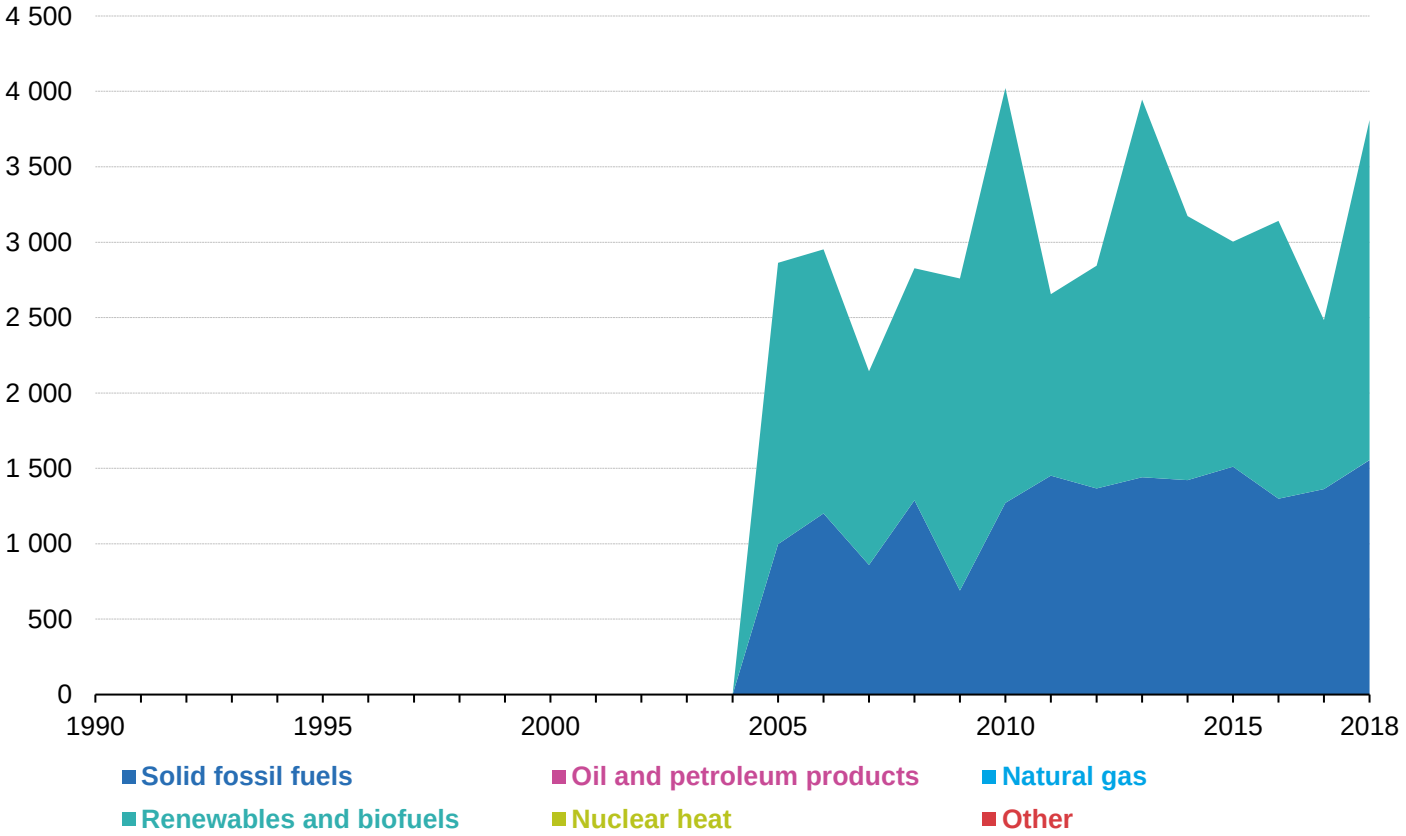
Montenegro

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

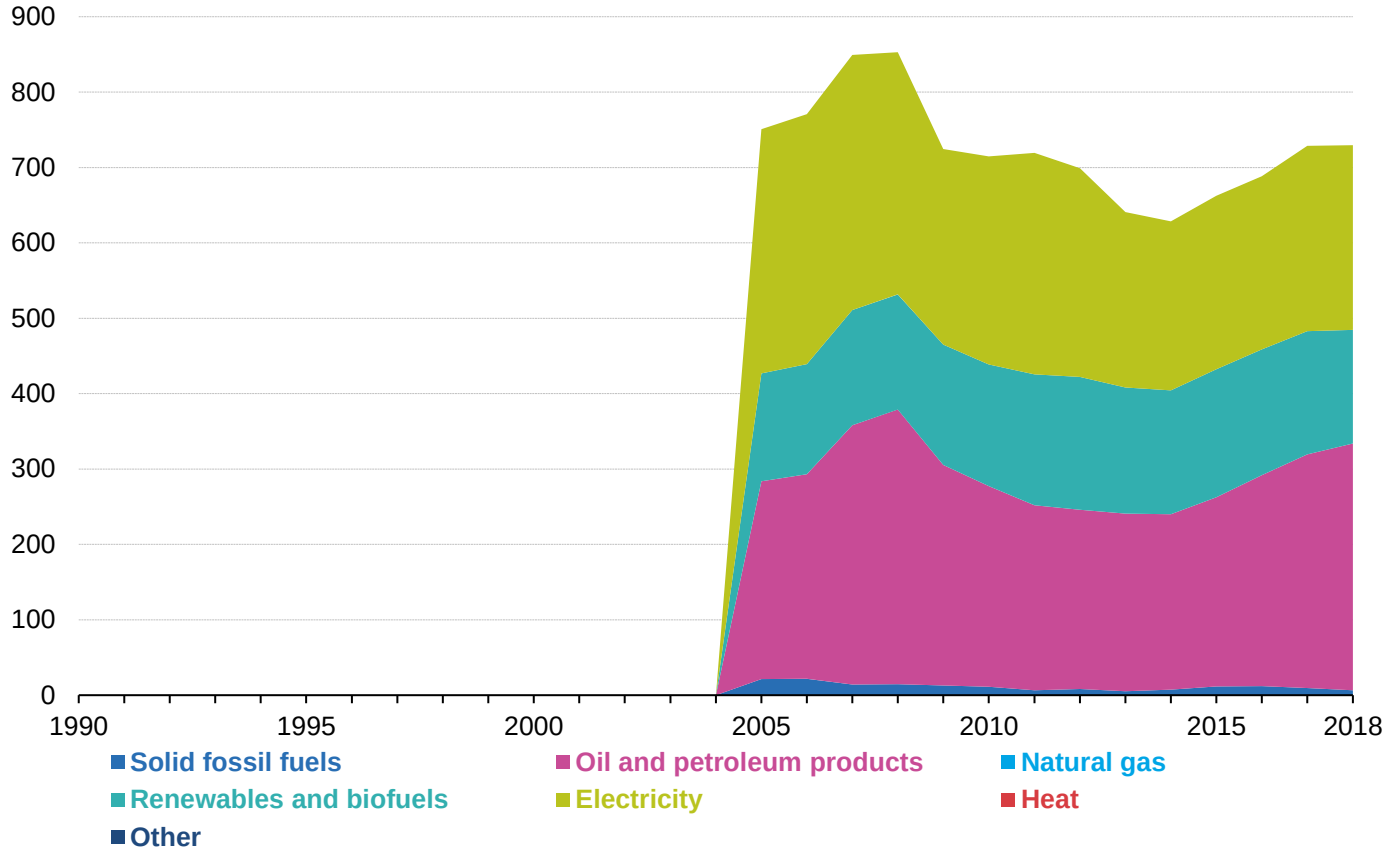


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

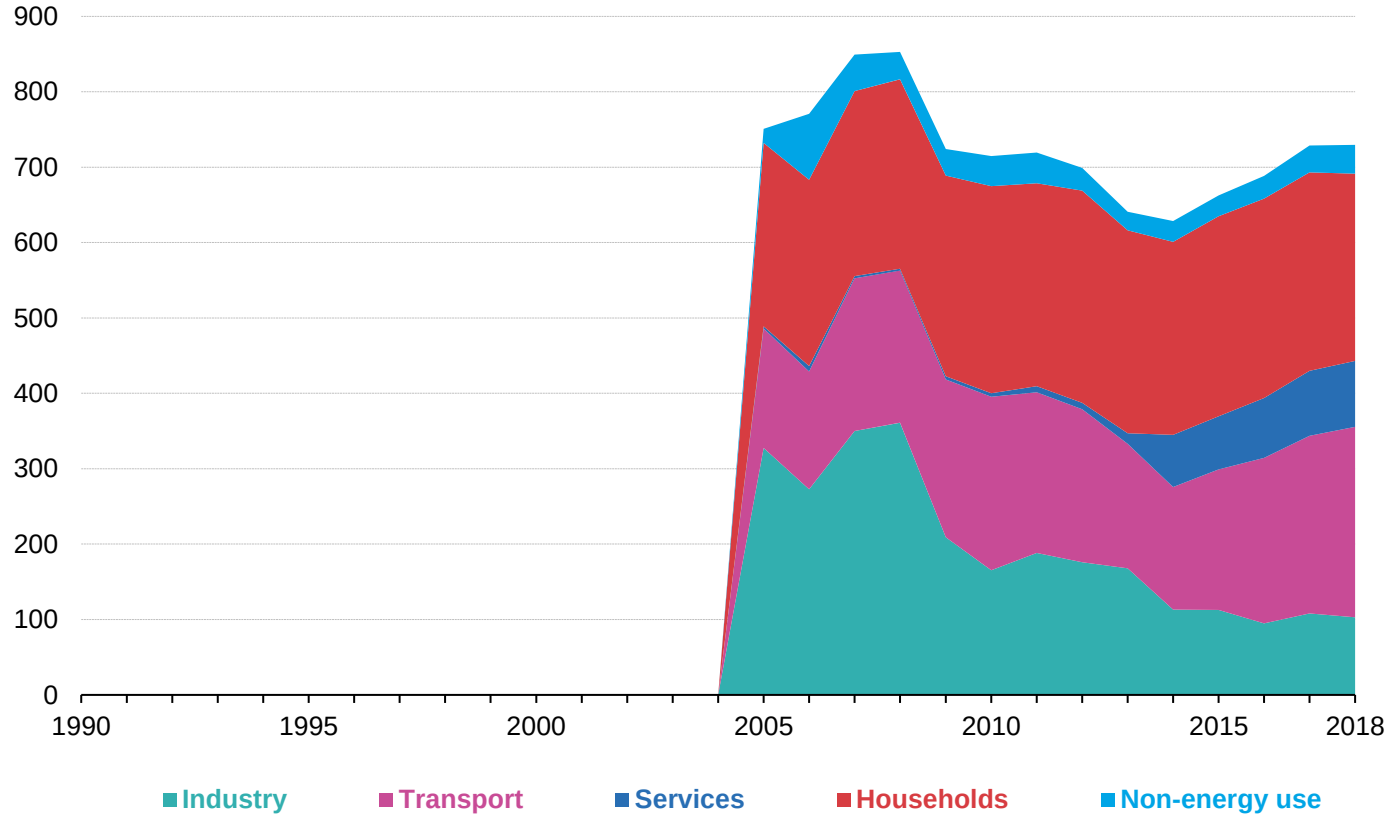
Montenegro

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	3 945	3 173	3 003	3 141	2 483	3 811	0 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	: P
Coking coal	0	0	0	0	0	0	: P
Other bituminous coal	0	0	0	0	0	0	: P
Sub-bituminous coal	0	0	0	0	0	0	: P
Lignite	1 441	1 421	1 512	1 298	1 362	1 555	: P
Coke oven coke	0	0	0	0	0	0	: P
Patent fuel	0	0	0	0	0	0	: P
Brown coal briquettes	0	0	0	0	0	0	: P
Coal tar	0	0	0	0	0	0	: P
Peat	0	0	0	0	0	0	: P
Peat products	0	0	0	0	0	0	: P
Oil shale and oil sands	0	0	0	0	0	0	: P
Sub-total	1 441	1 421	1 512	1 298	1 362	1 555	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	0	0	: P
Coke oven gas	0	0	0	0	0	0	: P
Gas works gas	0	0	0	0	0	0	: P
Blast furnace gas	0	0	0	0	0	0	: P
Other recovered gases	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	: P
Refinery gas	0	0	0	0	0	0	: P
Liquefied petroleum gases	0	0	0	0	0	0	: P
Naphtha	0	0	0	0	0	0	: P
Kerosene-type jet fuel	0	0	0	0	0	0	: P
Other kerosene	0	0	0	0	0	0	: P
Gas oil and diesel oil	0	0	0	0	0	0	: P
Fuel oil	0	0	0	0	0	0	: P
Petroleum coke	0	0	0	0	0	0	: P
Bitumen	0	0	0	0	0	0	: P
Other oil products	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	2 504	1 752	1 491	1 843	1 024	2 113	: P
Geothermal	0	0	0	0	0	0	: P
Wind	0	0	0	0	97	143	: P
Solar thermal	0	0	0	0	0	0	: P
Solar photovoltaic	0	0	0	0	0	0	: P
Tide, wave, ocean	0	0	0	0	0	0	: P
Solid biofuels	0	0	0	0	0	0	: P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	0	0	0	0	0	0	: P
Renewable municipal waste	0	0	0	0	0	0	: P
Sub-total	2 504	1 752	1 491	1 843	1 121	2 256	0 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	: P
Non-renewable municipal waste	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	: P
Heat from chemical sources	0	0	0	0	0	0	: P
Other fuels not elsewhere specified	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	: O
Coking coal	0	0	0	0	0	0	: O
Other bituminous coal	0	0	0	0	0	0	: O
Sub-bituminous coal	0	0	0	0	0	0	: O
Lignite	1 672	1 630	1 720	1 361	1 383	1 573	: O
Coke oven coke	0	0	0	0	0	0	: O
Patent fuel	0	0	0	0	0	0	: O
Brown coal briquettes	0	0	0	0	0	0	: O
Coal tar	0	0	0	0	0	0	: O
Peat	0	0	0	0	0	0	: O
Peat products	0	0	0	0	0	0	: O
Oil shale and oil sands	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	0	0	: O
Coke oven gas	0	0	0	0	0	0	: O
Gas works gas	0	0	0	0	0	0	: O
Blast furnace gas	0	0	0	0	0	0	: O
Other recovered gases	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	0	0	0	3	4	: O
Refinery intake	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	286	294	302	357	400	416	: O
Export	14	11	16	15	33	31	: O
Total refinery output	0	0	0	0	0	0	: P
Gas oil and diesel oil	0	0	0	0	0	0	: O
Motor gasoline	0	0	0	0	0	0	: O
Fuel oil	0	0	0	0	0	0	: O
Naphtha	0	0	0	0	0	0	: O
Kerosene-type jet fuel	0	0	0	0	0	0	: O
All other oil products	0	0	0	0	0	0	: P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	6 987	6 842	7 060	6 946	6 822	6 289	: O
Charcoal [kt]	1	1	1	1	1	1	: O
Biogases [TJ]	0	0	0	0	0	0	: O
Pure biogasoline [kt]	0	0	0	0	0	0	: O
Pure biodiesels [kt]	0	0	0	0	0	0	: O
Other liquid biofuels [kt]	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	: O
Non-renewable municipal waste	0	0	0	0	0	0	: O
Industrial waste (non-renewable)	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	: O
Solar thermal	0	2	8	8	8	8	: O
Ambinet heat (heat pumps)	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

North Macedonia ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	1 133.3	800.1	Z	0.0	0.0	0.0	0.0	333.2	0.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	1 658.8	117.6	0.0	0.0	0.0	1 101.7	209.0	33.0	0.0	Z	0.0	197.5
- Exports	149.7	0.6	0.0	0.0	0.0	116.3	0.0	0.4	0.0	Z	0.0	32.5
+ Change in stock	-70.6	-79.4	0.0	0.0	0.0	8.2	-0.1	0.8	0.0	Z	Z	Z
= Gross available energy	**2 571.8**	**837.8**	**0.0**	**0.0**	**0.0**	**993.6**	**208.8**	**366.5**	**0.0**	**0.0**	**0.0**	**165.1**
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**2 571.8**	**837.8**	**0.0**	**0.0**	**0.0**	**993.6**	**208.8**	**366.5**	**0.0**	**0.0**	**0.0**	**165.1**
- International aviation	23.6	Z	Z	Z	Z	23.6	Z	0.0	Z	Z	Z	Z
= Total energy supply	**2 548.2**	**837.8**	**0.0**	**0.0**	**0.0**	**970.1**	**208.8**	**366.5**	**0.0**	**0.0**	**0.0**	**165.1**
Transformation input	**1 098.6**	**751.4**	**0.0**	**0.0**	**0.0**	**13.0**	**164.9**	**169.2**	**0.0**	**0.0**	**0.0**	**0.0**
+ Electricity & heat generation	1 098.5	751.4	0.0	0.0	0.0	13.0	164.9	169.1	0.0	0.0	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.1	Z	Z	Z	Z	Z	Z	0.1	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**535.8**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**0.0**	**0.1**	**Z**	**Z**	**53.6**	**482.1**
+ Electricity & heat generation	535.7	Z	Z	Z	Z	Z	Z	Z	Z	Z	53.6	482.1
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	0.1	Z	Z	Z	Z	Z	Z	0.1	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**39.1**	**0.0**	**0.0**	**0.0**	**0.0**	**2.0**	**0.0**	**0.0**	**0.0**	**Z**	**0.5**	**36.7**
+ Own use in electricity & heat genera	28.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.5	27.9
+ Coal mines	8.9	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	Z	0.0	7.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	1.8
Distribution losses	**93.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.6**	**0.9**	**0.0**	**Z**	**6.6**	**85.5**
Available for final consumption	**1 852.7**	**86.3**	**0.0**	**0.0**	**0.0**	**955.1**	**43.3**	**196.5**	**0.0**	**0.0**	**46.5**	**525.0**
Final non-energy consumption	**50.4**	**0.0**	**0.0**	**0.0**	**0.0**	**50.4**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**1 829.9**	**113.8**	**0.0**	**0.0**	**0.0**	**904.7**	**43.3**	**196.5**	**0.0**	**Z**	**46.5**	**525.0**
+ Industry	411.2	111.6	0.0	0.0	0.0	123.5	36.5	6.2	0.0	Z	0.5	132.9
+ Iron & steel	180.1	50.1	0.0	0.0	0.0	44.7	23.8	0.0	0.0	Z	0.5	61.0
+ Chemical & petrochemical	9.4	0.0	0.0	0.0	0.0	2.0	0.9	0.0	0.0	Z	0.0	6.5
+ Non-ferrous metals	2.6	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	Z	0.0	1.1
+ Non-metallic minerals	98.7	60.7	0.0	0.0	0.0	24.6	1.6	0.0	0.0	Z	0.0	11.8
+ Transport equipment	12.6	0.0	0.0	0.0	0.0	0.7	3.6	0.0	0.0	Z	0.0	8.3
+ Machinery	7.8	0.0	0.0	0.0	0.0	2.6	0.2	0.2	0.0	Z	0.0	4.8
+ Mining & quarrying	27.2	0.0	0.0	0.0	0.0	13.9	0.0	0.0	0.0	Z	0.0	13.3
+ Food, beverages & tobacco	38.0	0.0	0.0	0.0	0.0	14.7	5.8	4.6	0.0	Z	0.0	12.9
+ Paper, pulp & printing	1.9	0.0	0.0	0.0	0.0	0.4	0.4	0.1	0.0	Z	0.0	1.0
+ Wood & wood products	0.8	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	Z	0.0	0.5
+ Construction	14.9	0.0	0.0	0.0	0.0	13.1	0.0	0.2	0.0	Z	0.0	1.6
+ Textile & leather	11.4	0.8	0.0	0.0	0.0	4.7	0.1	0.4	0.0	Z	0.0	5.4
+ Not elsewhere specified (industry)	5.7	0.0	0.0	0.0	0.0	0.5	0.2	0.4	0.0	Z	0.0	4.7
+ Transport	703.5	0.0	0.0	0.0	0.0	701.7	0.7	0.1	0.0	Z	Z	1.0
+ Rail	3.2	0.0	0.0	0.0	0.0	2.2	Z	0.0	0.0	Z	Z	1.0
+ Road	700.3	Z	Z	Z	Z	699.5	0.7	0.1	0.0	Z	Z	0.0
+ Domestic aviation	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	715.2	2.2	0.0	0.0	0.0	79.5	6.1	190.2	0.0	Z	46.0	391.1
+ Commercial & public services	211.9	0.8	0.0	0.0	0.0	57.7	5.9	5.4	0.0	Z	12.2	129.9
+ Households	483.6	0.8	0.0	0.0	0.0	11.0	0.2	179.9	0.0	Z	33.9	257.8
+ Agriculture & forestry	19.6	0.6	0.0	0.0	0.0	10.7	0.0	4.9	0.0	Z	0.0	3.3
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**-27.5**	**-27.5**	**0.0**	**0.0**	**0.0**	**0.0**	**-0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	482.1	244.9	0.0	0.0	0.0	4.1	64.1	169.0	0.0	0.0	Z	Z
Gross heat production	53.6	0.0	0.0	0.0	0.0	0.0	53.6	0.0	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

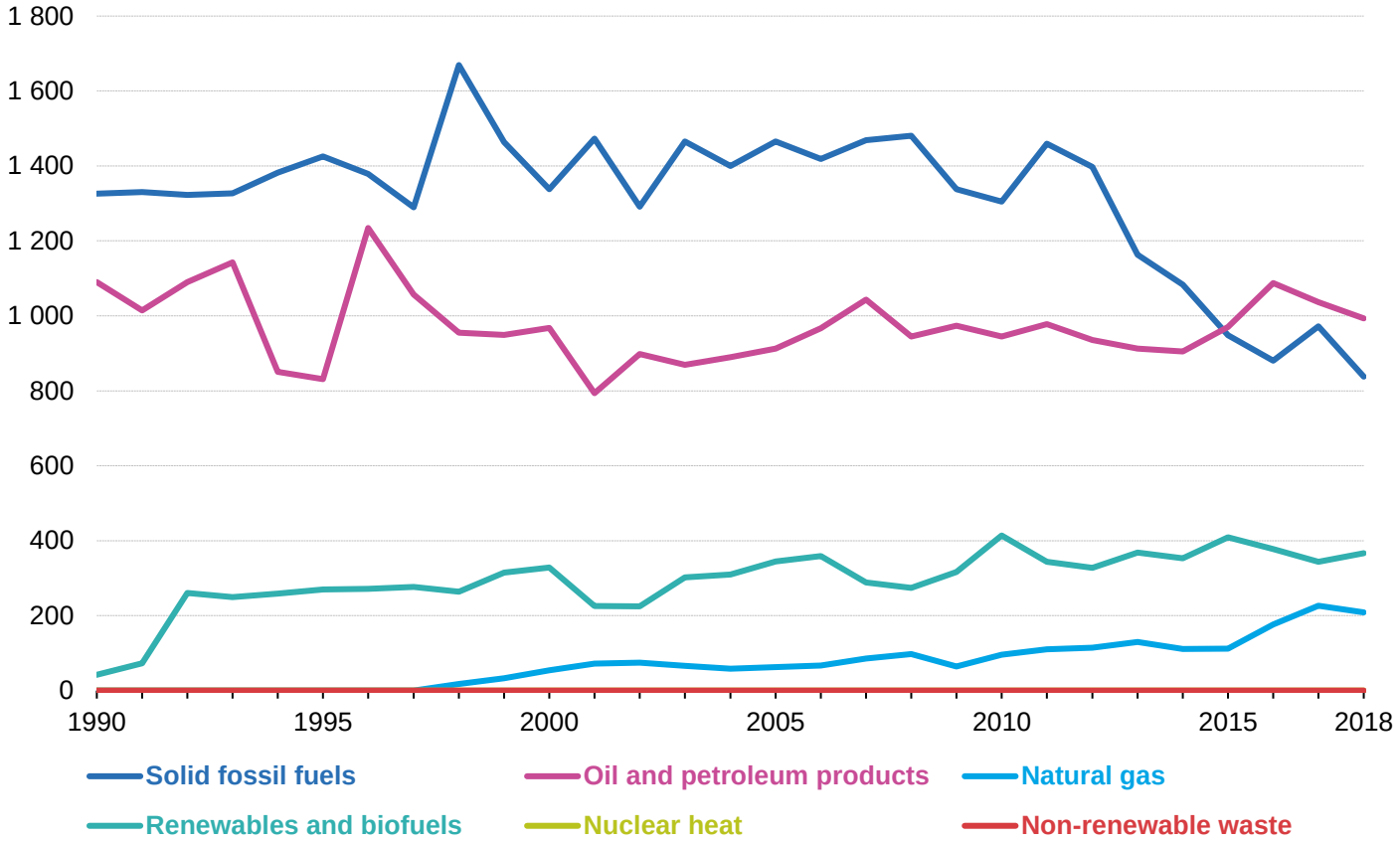
North Macedonia	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	2 881	3 122	3 004	2 783	2 707	2 656	2 696	2 750	2 572
Solid fossil fuels	1 305	1 460	1 398	1 163	1 084	948	880	972	838
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	875	722	266	63	0	0	0	0	0
Petroleum products	945	978	936	913	905	970	1 088	1 037	994
Natural gas	96	110	114	130	111	112	176	226	209
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	414	344	327	369	353	409	378	344	367
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	1 607	1 756	1 561	1 425	1 331	1 266	1 111	1 153	1 133
Solid fossil fuels	1 194	1 410	1 246	1 053	986	876	745	849	800
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	413	345	315	372	345	389	366	304	333
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	1 268	1 424	1 448	1 300	1 396	1 395	1 590	1 553	1 509
Solid fossil fuels	121	132	133	100	120	84	112	89	117
Crude oil	864	706	265	53	-7	0	0	0	0
Gas/Diesel Oil (w/o bio)	33	154	357	427	487	545	631	638	629
Motor Gasoline (w/o bio)	-29	8	72	89	106	109	110	110	106
Naphtha	0	0	0	0	0	0	0	0	0
LPG	42	40	54	60	68	78	86	86	88
All other oil & petroleum products	925	952	971	857	904	969	1 108	1 034	985
Natural gas	96	110	114	130	111	112	176	227	209
Transformation input	2 396	2 311	1 733	1 410	1 206	1 163	1 090	1 177	1 099
Electricity & heat generation	1 478	1 549	1 466	1 311	1 204	1 162	1 090	1 177	1 099
Refinery intake	896	742	266	80	1	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	1 555	1 355	844	672	511	538	538	539	536
Electricity & heat generation	690	645	597	575	509	538	538	539	536
Refinery output	844	690	246	80	1	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	78	83	80	60	48	44	42	43	39
Distribution losses	121	128	119	107	99	96	95	95	94
Available for final consumption	1 833	1 951	1 908	1 867	1 853	1 876	1 992	1 954	1 853
Solid fossil fuels	121	134	151	122	107	78	132	113	86
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	406	426	427	456	479	536	617	640	635
Motor Gasoline (w/o bio)	130	138	112	117	107	109	110	109	105
Naphtha	0	0	0	0	0	0	0	0	0
LPG	70	64	61	65	69	78	86	86	87
All other oil & petroleum products	830	862	844	858	851	916	1 043	991	955
Natural gas	42	44	23	27	34	31	38	44	43
Primary solid biofuels & charcoal	193	208	227	223	235	228	194	227	192
Liquid biofuels	0	0	0	1	0	0	0	0	0
All other renewable energies	203	220	237	231	242	234	199	232	197
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	583	634	602	585	579	570	533	525	525
Heat	54	57	52	44	40	46	46	50	47
Statistical difference	9	-20	5	-1	5	-23	4	15	-28
Final non-energy consumption	35	68	57	54	50	62	140	80	50
Final energy consumption	1 790	1 903	1 846	1 815	1 797	1 838	1 848	1 859	1 830
Industry	542	634	579	555	518	475	441	388	411
Transport	454	475	453	515	537	596	680	706	704
Other sectors	793	794	813	745	742	766	727	765	715
Services	234	206	229	202	196	212	213	215	212
Households	538	567	559	519	524	531	492	529	484

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	2 881	3 122	3 004	2 783	2 707	2 656	2 696	2 750	2 572
Primary energy consumption	2 847	3 054	2 947	2 729	2 657	2 594	2 557	2 670	2 521
Final energy consumption	1 797	1 907	1 854	1 825	1 810	1 852	1 864	1 880	1 853

Source: Eurostat (nrg_bal_c)

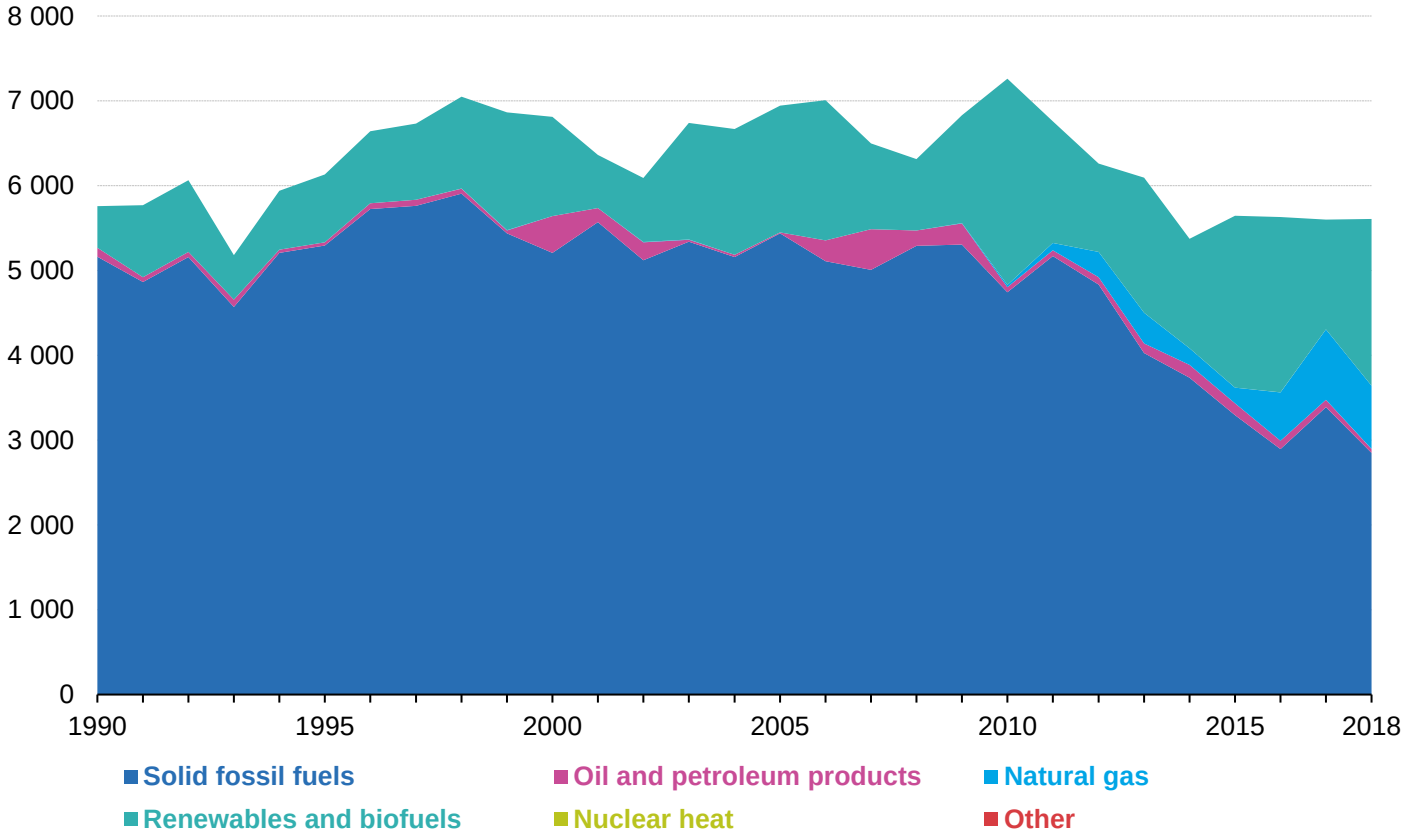
North Macedonia

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

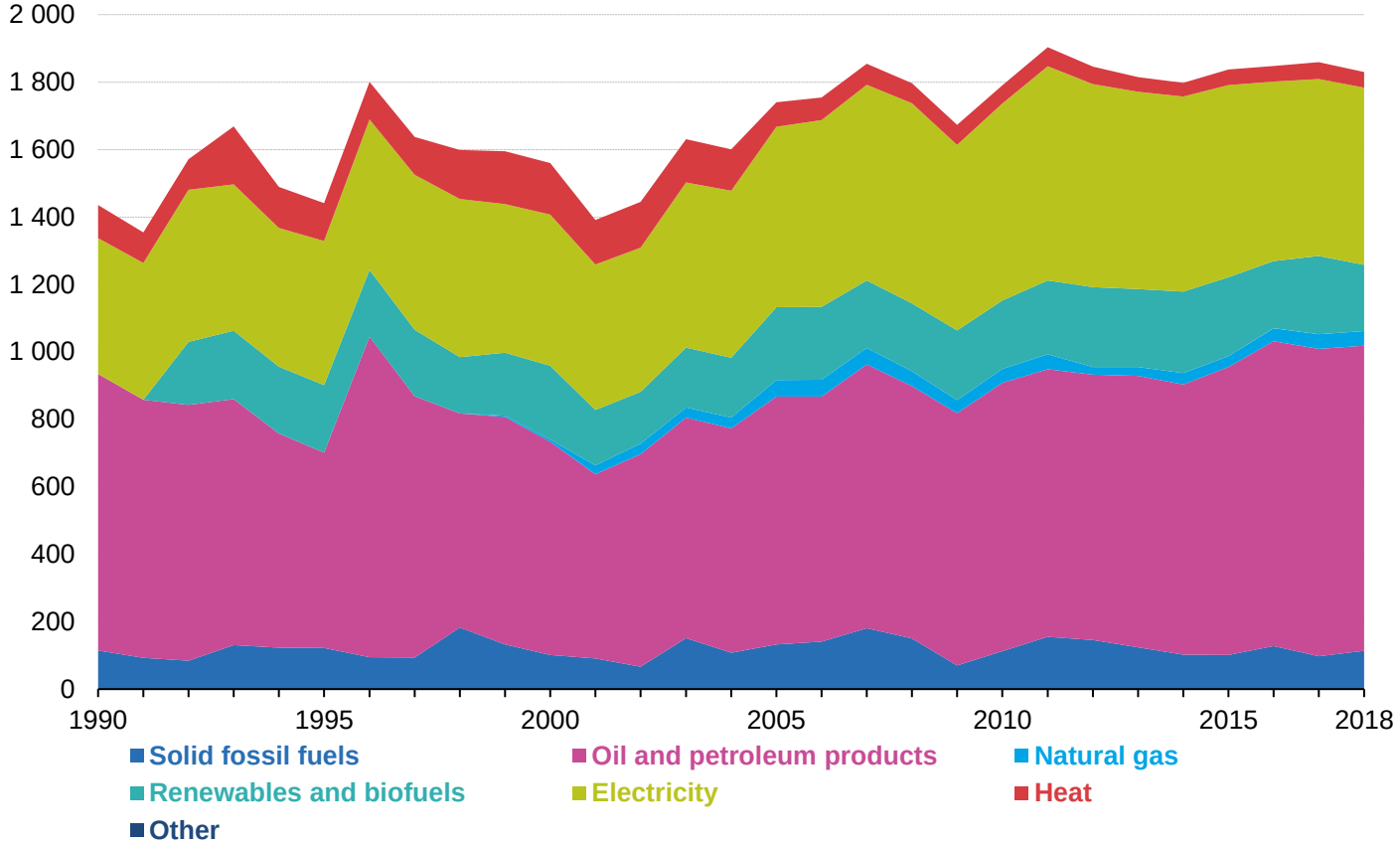


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

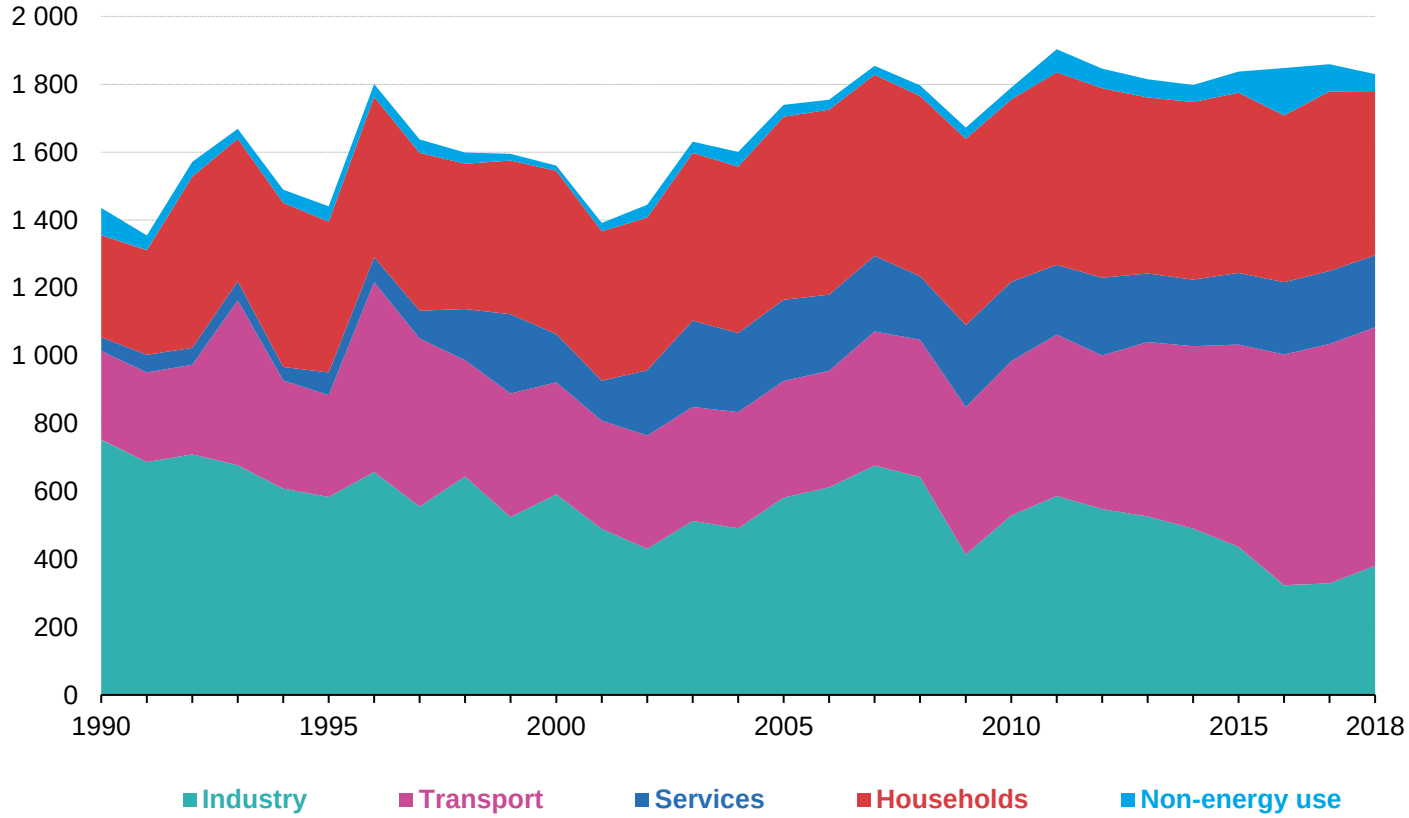
North Macedonia

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	6 094	5 374	5 646	5 630	5 600	5 607	5 870 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	4 025	3 737	3 295	2 893	3 386	2 848	3 508 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	4 025	3 737	3 295	2 893	3 386	2 848	3 508 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	362	196	183	569	829	746	957 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	362	196	183	569	829	746	957 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Fuel oil	114	149	139	101	89	47	61 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	114	149	139	101	89	47	61 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	1 584	1 207	1 865	1 897	1 110	1 791	1 164 P
Geothermal	0	0	0	0	0	0	0 P
Wind	0	71	121	109	110	97	102 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	9	14	23	24	24	23	23 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	0	0	0	0	0	0	0 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	0	0	20	36	52	54	55 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	1 593	1 292	2 029	2 067	1 296	1 966	1 344 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	1	2	1	1	3	3	1 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	5	5	11	28	31	87	82 P
Sub-bituminous coal	165	145	144	187	123	83	129 P
Lignite	6 799	6 565	5 899	5 227	5 249	4 738	5 789 P
Coke oven coke	3	2	1	2	1	0	1 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	6 027	5 171	5 209	8 190	10 533	9 715	11 312 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	54	0	0	0	0	0	0 P
Refinery intake	79	1	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1 009	1 099	1 142	1 213	1 117	1 095	1 250 P
Export	202	180	173	110	99	127	159 P
Total refinery output	78	1	0	0	0	0	0 P
Gas oil and diesel oil	27	0	0	0	0	0	0 P
Motor gasoline	22	1	0	0	0	0	0 P
Fuel oil	21	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	5	0	0	0	0	0	0 P
All other oil products	3	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	9 326	9 842	9 566	8 128	9 493	8 034	: O
Charcoal [kt]	0	0	0	0	0	0	: O
Biogases [TJ]	0	0	75	134	191	200	: O
Pure biogasoline [kt]	0	0	0	0	0	0	: O
Pure biodiesels [kt]	1	0	0	0	0	0	: O
Other liquid biofuels [kt]	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	: O
Non-renewable municipal waste	0	0	0	0	0	0	: O
Industrial waste (non-renewable)	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	333	286	253	237	234	226	: O
Solar thermal	0	0	0	0	0	0	: O
Ambinet heat (heat pumps)	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Albania ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	2 000.5	144.1	Z	0.0	0.0	910.7	34.8	910.9	0.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	1 397.5	79.3	0.0	0.0	0.0	1 119.1	0.0	125.9	0.0	Z	0.0	73.1
- Exports	893.4	0.0	0.0	0.0	0.0	724.5	0.0	17.2	0.0	Z	0.0	151.7
+ Change in stock	-119.7	0.0	0.0	0.0	0.0	-119.7	0.0	0.0	0.0	Z	Z	Z
= Gross available energy	**2 384.9**	**223.4**	**0.0**	**0.0**	**0.0**	**1 185.6**	**34.8**	**1 019.6**	**0.0**	**0.0**	**0.0**	**-78.5**
- International maritime bunkers	31.7	0.0	0.0	0.0	0.0	31.7	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**2 353.2**	**223.4**	**0.0**	**0.0**	**0.0**	**1 153.9**	**34.8**	**1 019.6**	**0.0**	**0.0**	**0.0**	**-78.5**
- International aviation	6.9	Z	Z	Z	Z	6.9	Z	0.0	Z	Z	Z	Z
= Total energy supply	**2 346.4**	**223.4**	**0.0**	**0.0**	**0.0**	**1 147.0**	**34.8**	**1 019.6**	**0.0**	**0.0**	**0.0**	**-78.5**
Transformation input	**1 147.4**	**0.0**	**0.0**	**0.0**	**0.0**	**298.0**	**0.0**	**849.4**	**0.0**	**0.0**	**0.0**	**0.0**
+ Electricity & heat generation	735.5	0.0	0.0	0.0	0.0	0.0	0.0	735.5	0.0	0.0	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	298.0	Z	Z	Z	Z	298.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	111.3	Z	Z	Z	Z	Z	Z	111.3	Z	Z	Z	Z
+ Charcoal production plants	2.7	Z	Z	Z	Z	Z	Z	2.7	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**1 133.7**	**0.0**	**0.0**	**0.0**	**Z**	**285.9**	**0.0**	**112.3**	**Z**	**Z**	**0.0**	**735.5**
+ Electricity & heat generation	735.5	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	735.5
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	285.9	Z	Z	Z	Z	285.9	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	111.3	Z	Z	Z	Z	Z	Z	111.3	Z	Z	Z	Z
+ Charcoal production plants	1.1	Z	Z	Z	Z	Z	Z	1.1	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**95.1**	**0.0**	**0.0**	**0.0**	**0.0**	**30.3**	**26.9**	**0.0**	**0.0**	**Z**	**0.0**	**37.9**
+ Own use in electricity & heat genera	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	3.9
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	33.9	Z	Z	Z	Z	2.5	26.9	0.0	Z	Z	0.0	4.5
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	3.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	54.4	0.0	0.0	0.0	0.0	27.9	0.0	0.0	0.0	Z	0.0	26.5
Distribution losses	**100.7**	**0.0**	**0.0**	**0.0**	**0.0**	**4.9**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**95.8**
Available for final consumption	**2 136.9**	**223.4**	**0.0**	**0.0**	**0.0**	**1 099.8**	**8.0**	**282.6**	**0.0**	**0.0**	**0.0**	**523.2**
Final non-energy consumption	**17.8**	**0.0**	**0.0**	**0.0**	**0.0**	**17.8**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**2 119.1**	**223.4**	**0.0**	**0.0**	**0.0**	**1 082.0**	**8.0**	**282.6**	**0.0**	**Z**	**0.0**	**523.2**
+ Industry	442.3	220.1	0.0	0.0	0.0	92.5	8.0	8.6	0.0	Z	0.0	113.2
+ Iron & steel	26.8	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	Z	0.0	24.1
+ Chemical & petrochemical	15.4	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	Z	0.0	7.7
+ Non-ferrous metals	6.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	Z	0.0	5.9
+ Non-metallic minerals	265.7	211.3	0.0	0.0	0.0	44.9	0.0	0.0	0.0	Z	0.0	9.5
+ Transport equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Machinery	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Mining & quarrying	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	10.6
+ Food, beverages & tobacco	52.7	0.0	0.0	0.0	0.0	18.0	7.0	8.6	0.0	Z	0.0	19.2
+ Paper, pulp & printing	8.3	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	Z	0.0	6.9
+ Wood & wood products	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.9
+ Construction	11.3	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	Z	0.0	10.4
+ Textile & leather	14.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	Z	0.0	11.7
+ Not elsewhere specified (industry)	30.2	8.8	0.0	0.0	0.0	14.1	1.0	0.0	0.0	Z	0.0	6.3
+ Transport	832.2	0.0	0.0	0.0	0.0	720.9	0.0	111.3	0.0	Z	Z	0.0
+ Rail	2.1	0.0	0.0	0.0	0.0	2.1	Z	0.0	0.0	Z	Z	0.0
+ Road	792.4	Z	Z	Z	Z	681.1	0.0	111.3	0.0	Z	Z	0.0
+ Domestic aviation	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	30.1	0.0	0.0	0.0	0.0	30.1	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	7.6	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	Z	Z	0.0
+ Other	844.7	3.3	0.0	0.0	0.0	268.6	0.0	162.7	0.0	Z	0.0	410.0
+ Commercial & public services	215.3	3.3	0.0	0.0	0.0	64.2	0.0	19.2	0.0	Z	0.0	128.5
+ Households	510.5	0.0	0.0	0.0	0.0	109.6	0.0	130.3	0.0	Z	0.0	270.6
+ Agriculture & forestry	82.2	0.0	0.0	0.0	0.0	60.4	0.0	13.2	0.0	Z	0.0	8.6
+ Fishing	36.7	0.0	0.0	0.0	0.0	34.4	0.0	0.0	0.0	Z	0.0	2.3
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**0.0**	**-0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	735.5	0.0	0.0	0.0	0.0	0.0	0.0	735.5	0.0	0.0	Z	Z
Gross heat production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

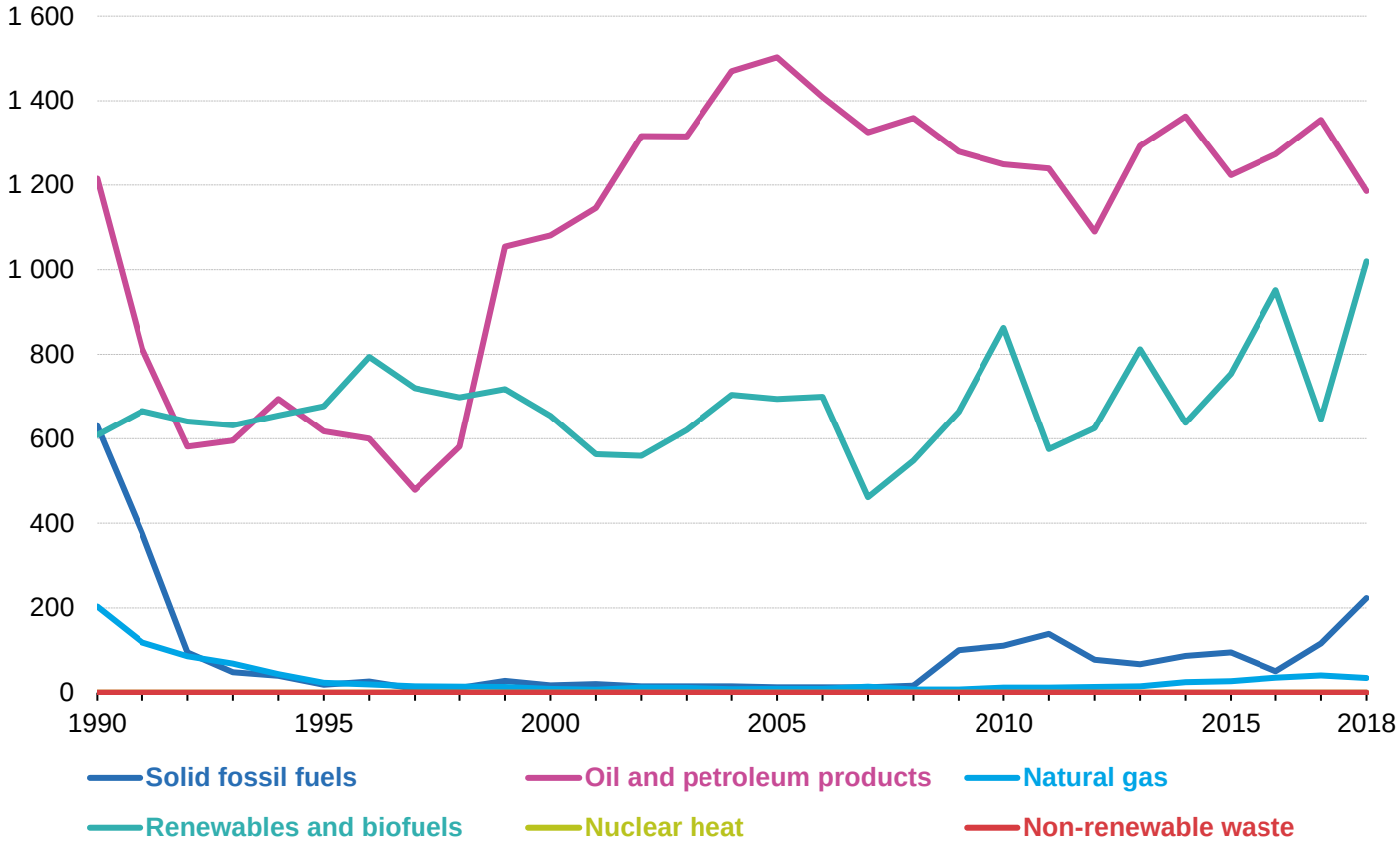
Albania	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	2 152	2 245	2 023	2 386	2 376	2 220	2 306	2 408	2 385
Solid fossil fuels	111	139	77	67	86	95	51	116	223
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	156	297	111	40	361	276	184	513	298
Petroleum products	1 249	1 239	1 090	1 293	1 363	1 223	1 273	1 354	1 186
Natural gas	12	12	13	15	25	27	35	40	35
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	862	575	625	812	638	754	952	647	1 020
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	1 620	1 483	1 670	2 034	2 013	2 073	1 961	1 637	2 001
Solid fossil fuels	2	1	1	1	0	34	2	68	144
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	744	895	1 031	1 207	1 368	1 279	1 056	959	911
Natural gas	12	12	13	15	25	27	35	40	35
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	862	575	625	812	621	733	868	570	911
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	622	801	316	604	682	280	465	920	504
Solid fossil fuels	109	138	76	66	86	61	49	48	79
Crude oil	-498	-598	-957	-1 167	-1 007	-987	-888	-488	-583
Gas/Diesel Oil (w/o bio)	643	644	683	956	918	745	755	630	639
Motor Gasoline (w/o bio)	125	126	106	156	188	169	141	157	141
Naphtha	-3	-20	-4	-1	-10	-28	-1	-35	-29
LPG	110	114	99	159	177	208	214	285	222
All other oil & petroleum products	595	382	22	338	315	78	336	545	395
Natural gas	0	0	0	0	0	0	0	0	0
Transformation input	812	662	517	638	793	813	942	986	1 147
Electricity & heat generation	655	365	406	598	406	507	669	389	735
Refinery intake	157	297	111	40	361	276	179	513	298
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	798	641	510	636	756	813	931	959	1 134
Electricity & heat generation	651	360	406	598	406	507	669	389	735
Refinery output	147	280	104	38	324	275	175	489	286
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	32	101	94	57	62	44	68	109	95
Distribution losses	82	101	96	167	96	107	178	116	101
Available for final consumption	2 006	2 002	1 806	2 117	2 152	2 045	2 008	2 111	2 137
Solid fossil fuels	111	139	77	67	86	95	51	116	223
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	664	731	703	761	770	762	723	739	697
Motor Gasoline (w/o bio)	125	126	106	119	127	125	113	112	111
Naphtha	0	0	0	0	9	0	0	0	0
LPG	110	114	99	123	133	150	156	181	191
All other oil & petroleum products	1 196	1 155	1 035	1 239	1 268	1 185	1 199	1 215	1 100
Natural gas	1	2	3	6	7	11	10	13	8
Primary solid biofuels & charcoal	205	208	207	201	193	204	175	159	156
Liquid biofuels	0	0	0	0	26	30	82	78	111
All other renewable energies	212	220	218	213	231	247	275	254	283
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	486	486	472	593	560	507	473	512	523
Heat	0	0	0	0	0	0	0	0	0
Statistical difference	-2	0	-23	-5	1	1	5	1	0
Final non-energy consumption	110	48	38	161	92	81	102	38	18
Final energy consumption	1 898	1 953	1 791	1 962	2 059	1 963	1 900	2 073	2 119
Industry	355	380	277	281	373	302	287	399	442
Transport	733	768	737	804	834	829	833	832	832
Other sectors	810	806	777	876	852	832	781	842	845
Services	159	163	157	191	179	197	179	214	215
Households	489	498	509	580	556	532	496	493	510

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	2 152	2 245	2 023	2 365	2 355	2 199	2 272	2 371	2 353
Primary energy consumption	2 042	2 197	1 985	2 205	2 263	2 118	2 169	2 333	2 335
Final energy consumption	1 915	1 974	1 811	1 983	2 067	1 966	1 907	2 080	2 126

Source: Eurostat (nrg_bal_c)

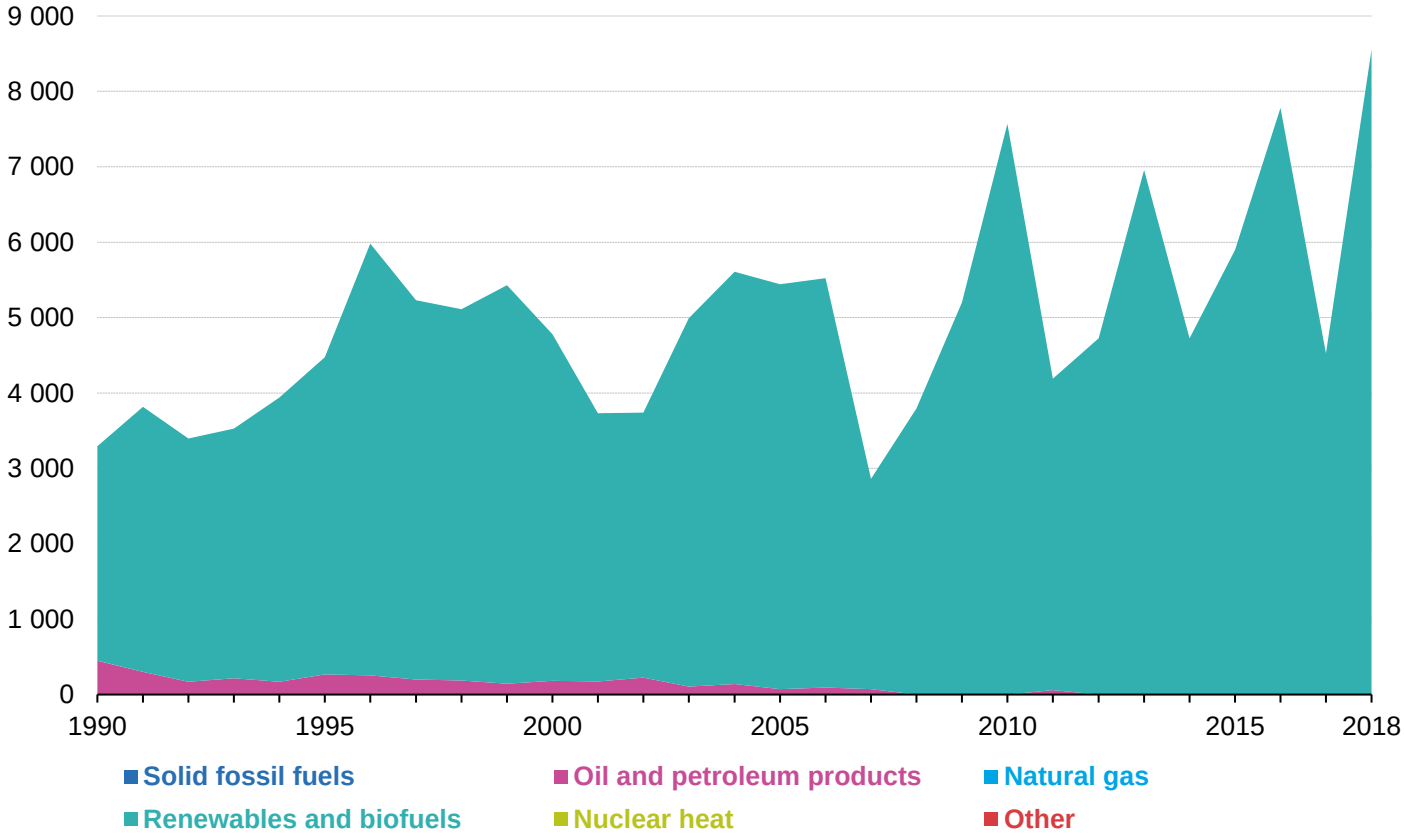
Albania

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

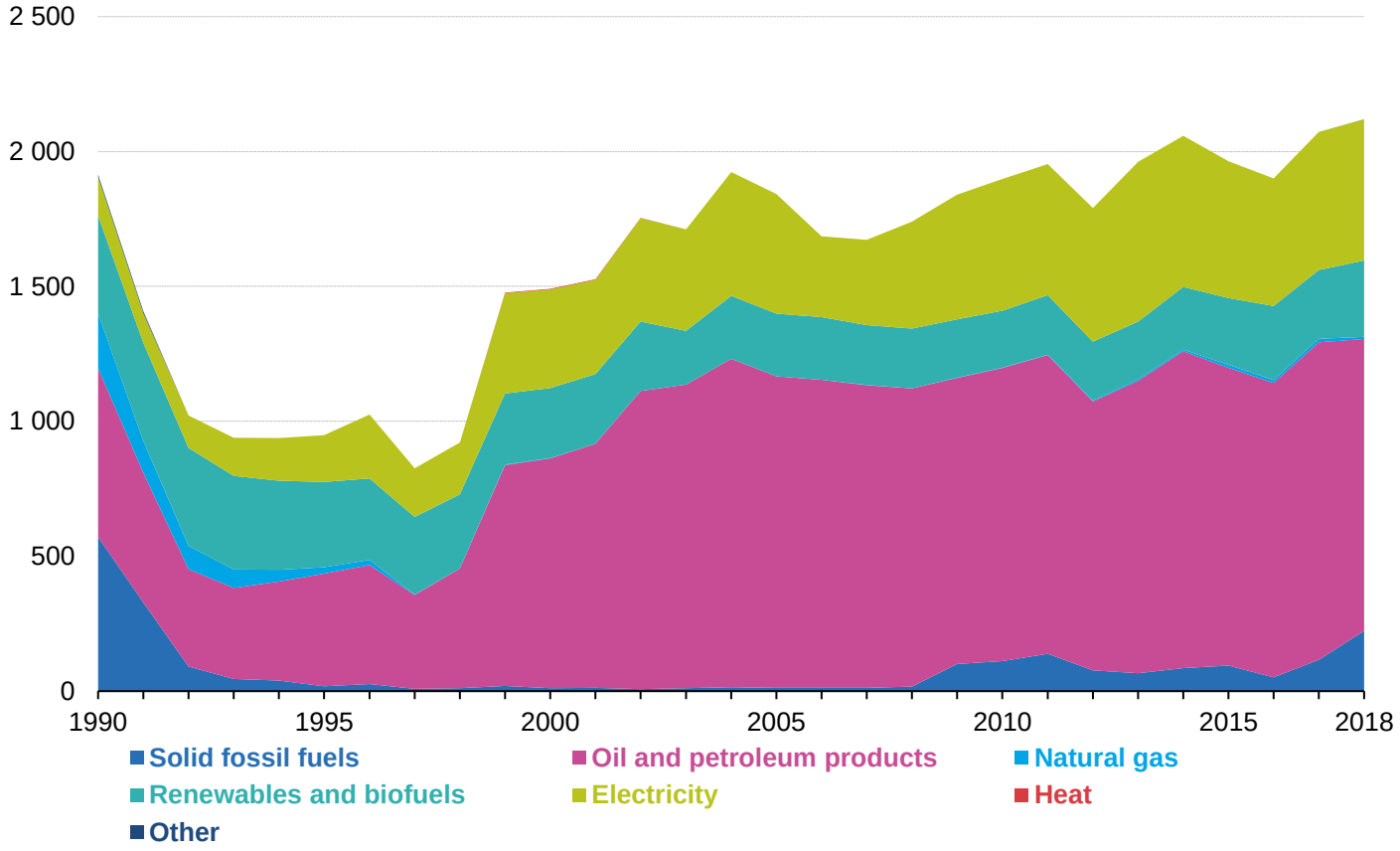


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

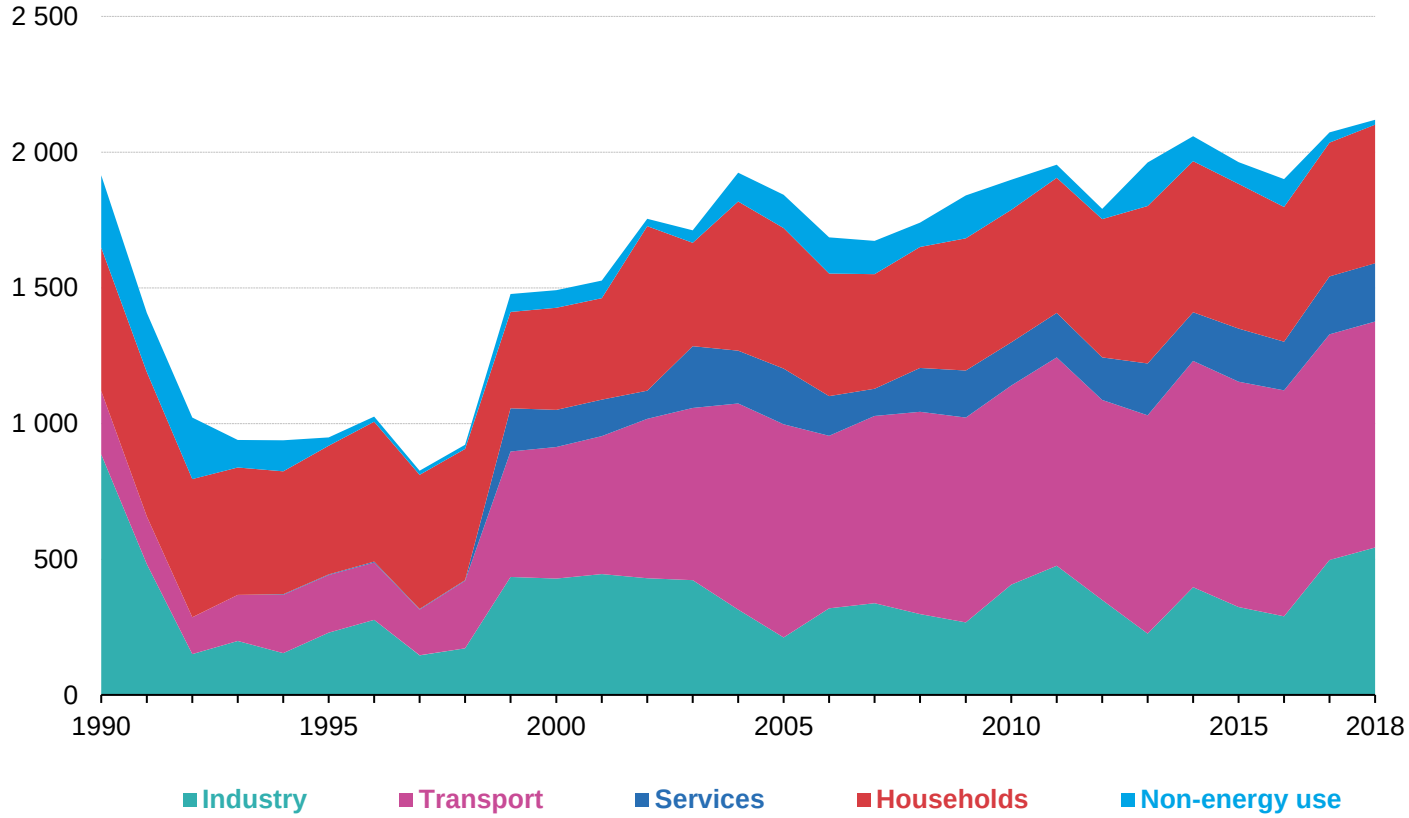
Albania

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	6 959	4 724	5 895	7 782	4 526	8 553	5 228 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	0	0	0 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	6 959	4 724	5 895	7 782	4 525	8 552	5 206 P
Geothermal	0	0	0	0	0	0	0 P
Wind	0	0	0	0	0	0	0 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	0	0	0	1	1	22 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	0	0	0	0	0	0	0 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	0	0	0	0	0	0	0 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	6 959	4 724	5 895	7 782	4 526	8 553	5 228 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	102	133	102	81	80	132	121 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	99	6	139	296	95 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	3	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	678	1 155	1 273	1 627	1 741	1 503	2 681 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	50	0	0	0	0	0 P
Refinery intake	40	361	276	184	513	298	335 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1 498	1 435	1 193	1 208	1 142	1 075	1 120 P
Export	35	152	171	19	155	145	184 P
Total refinery output	39	336	276	179	503	291	323 P
Gas oil and diesel oil	0	89	56	18	158	104	76 P
Motor gasoline	0	0	0	0	0	0	0 P
Fuel oil	0	2	0	1	0	0	0 P
Naphtha	1	17	26	4	40	29	23 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	38	228	194	156	305	159	224 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	8 436	8 089	8 555	7 861	6 896	6 645	6 577 P
Charcoal [kt]	0	0	0	7	5	3	2 P
Biogases [TJ]	0	0	0	0	0	0	0 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	0	29	34	92	88	125	145 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	498	519	518	534	553	564	558 P
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Serbia ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	10 024.8	6 609.3	Z	0.0	0.0	975.9	358.0	2 080.5	1.2	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	6 953.3	779.8	0.0	0.0	0.0	3 858.9	1 750.5	13.8	0.0	Z	0.0	550.3
- Exports	1 568.5	16.4	0.0	0.0	0.0	941.6	0.0	70.1	0.0	Z	0.0	540.3
+ Change in stock	135.6	176.2	0.0	0.0	0.0	-59.7	23.5	-4.3	0.0	Z	Z	Z
= Gross available energy	**15 545.3**	**7 548.9**	**0.0**	**0.0**	**0.0**	**3 833.5**	**2 131.9**	**2 019.9**	**1.2**	**0.0**	**0.0**	**10.0**
- International maritime bunkers	17.3	0.0	0.0	0.0	0.0	17.3	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**15 528.0**	**7 548.9**	**0.0**	**0.0**	**0.0**	**3 816.1**	**2 131.9**	**2 019.9**	**1.2**	**0.0**	**0.0**	**10.0**
- International aviation	140.1	Z	Z	Z	Z	140.1	Z	0.0	Z	Z	Z	Z
= Total energy supply	**15 387.9**	**7 548.9**	**0.0**	**0.0**	**0.0**	**3 676.1**	**2 131.9**	**2 019.9**	**1.2**	**0.0**	**0.0**	**10.0**
Transformation input	**13 902.9**	**7 198.2**	**113.7**	**0.0**	**0.0**	**4 772.2**	**750.4**	**976.3**	**0.5**	**0.0**	**0.0**	**91.6**
+ Electricity & heat generation	8 379.3	6 406.1	113.7	0.0	0.0	179.2	639.1	949.2	0.5	0.0	0.0	91.6
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	617.5	617.5	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	4 593.0	Z	Z	Z	Z	4 593.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	174.6	174.6	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	27.2	Z	Z	Z	Z	Z	Z	27.2	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	111.3	0.0	0.0	0.0	0.0	0.0	111.3	0.0	0.0	Z	Z	Z
Transformation output	**9 048.3**	**179.3**	**293.3**	**0.0**	**Z**	**4 483.4**	**0.0**	**10.2**	**Z**	**Z**	**864.1**	**3 218.0**
+ Electricity & heat generation	4 082.1	Z	Z	Z	Z	Z	Z	Z	Z	Z	864.1	3 218.0
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	293.3	0.0	293.3	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	4 403.7	Z	Z	Z	Z	4 403.7	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	179.3	179.3	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	10.2	Z	Z	Z	Z	Z	Z	10.2	Z	Z	Z	Z
+ Gas-to-liquids plants	79.7	Z	Z	Z	Z	79.7	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**798.9**	**0.0**	**99.7**	**0.0**	**0.0**	**155.5**	**157.1**	**0.0**	**0.0**	**Z**	**51.5**	**335.0**
+ Own use in electricity & heat genera	307.1	0.0	0.0	0.0	0.0	43.7	0.0	0.0	0.0	Z	36.2	227.2
+ Coal mines	51.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	51.8
+ Oil & natural gas extraction plants	69.9	Z	Z	Z	Z	0.0	62.2	0.0	Z	Z	0.0	7.7
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	3.4	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	3.4
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	99.7	0.0	99.7	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	226.2	0.0	0.0	0.0	0.0	111.8	92.0	0.0	0.0	Z	0.0	22.4
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	40.8	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	Z	15.3	22.5
Distribution losses	**554.2**	**0.2**	**60.8**	**0.0**	**0.0**	**0.0**	**29.2**	**0.1**	**0.0**	**Z**	**74.1**	**389.7**
Available for final consumption	**9 180.3**	**529.8**	**19.1**	**0.0**	**0.0**	**3 231.8**	**1 195.1**	**1 053.6**	**0.7**	**0.0**	**738.4**	**2 411.8**
Final non-energy consumption	**742.3**	**3.6**	**0.0**	**0.0**	**0.0**	**581.6**	**157.2**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**8 435.0**	**512.0**	**19.1**	**0.0**	**0.0**	**2 661.6**	**1 037.9**	**1 053.6**	**0.7**	**Z**	**738.4**	**2 411.8**
+ Industry	2 397.9	272.9	19.1	0.0	0.0	353.0	615.2	173.5	0.7	Z	212.5	751.1
+ Iron & steel	427.2	43.5	19.1	0.0	0.0	0.9	173.0	0.0	0.0	Z	75.4	115.4
+ Chemical & petrochemical	396.8	36.0	0.0	0.0	0.0	56.9	94.5	5.5	0.7	Z	87.4	115.9
+ Non-ferrous metals	79.2	0.0	0.0	0.0	0.0	8.1	27.8	1.3	0.0	Z	4.1	37.8
+ Non-metallic minerals	477.3	144.3	0.0	0.0	0.0	173.6	90.4	5.1	0.0	Z	0.5	63.5
+ Transport equipment	34.4	0.0	0.0	0.0	0.0	0.8	14.1	0.4	0.0	Z	0.8	18.3
+ Machinery	120.1	9.9	0.0	0.0	0.0	7.1	19.9	26.6	0.0	Z	0.2	56.3
+ Mining & quarrying	68.3	0.5	0.0	0.0	0.0	30.2	0.6	2.0	0.0	Z	0.0	35.0
+ Food, beverages & tobacco	392.5	7.4	0.0	0.0	0.0	38.3	112.3	76.3	0.0	Z	20.9	137.3
+ Paper, pulp & printing	101.9	8.3	0.0	0.0	0.0	2.0	43.6	3.3	0.0	Z	8.8	35.9
+ Wood & wood products	18.9	0.0	0.0	0.0	0.0	1.0	1.8	7.0	0.0	Z	0.0	9.1
+ Construction	47.0	0.8	0.0	0.0	0.0	17.0	0.0	0.0	0.0	Z	0.0	29.2
+ Textile & leather	81.4	8.6	0.0	0.0	0.0	6.3	15.5	20.3	0.0	Z	1.2	29.5
+ Not elsewhere specified (industry)	152.9	13.6	0.0	0.0	0.0	10.8	21.8	25.7	0.0	Z	13.2	67.9
+ Transport	2 137.0	0.0	0.0	0.0	0.0	2 094.1	10.6	0.0	0.0	Z	Z	32.2
+ Rail	43.2	0.0	0.0	0.0	0.0	11.0	Z	0.0	0.0	Z	Z	32.2
+ Road	2 085.4	Z	Z	Z	Z	2 076.6	8.8	0.0	0.0	Z	Z	0.0
+ Domestic aviation	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	6.5	0.0	0.0	0.0	0.0	6.5	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	1.8	Z	Z	Z	Z	0.0	1.8	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	3 900.2	239.1	0.0	0.0	0.0	214.5	412.2	880.2	0.0	Z	525.9	1 628.4
+ Commercial & public services	891.4	31.4	0.0	0.0	0.0	64.3	199.2	29.4	0.0	Z	121.5	445.7
+ Households	2 838.4	207.6	0.0	0.0	0.0	37.7	194.3	841.0	0.0	Z	404.4	1 153.4
+ Agriculture & forestry	170.3	0.0	0.0	0.0	0.0	112.4	18.7	9.8	0.0	Z	0.0	29.3
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**2.9**	**14.3**	**0.0**	**0.0**	**0.0**	**-11.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	3 218.0	2 151.3	8.1	0.0	0.0	4.5	51.3	1 002.4	0.4	0.0	Z	Z
Gross heat production	864.1	154.7	59.9	0.0	0.0	148.2	497.4	3.9	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

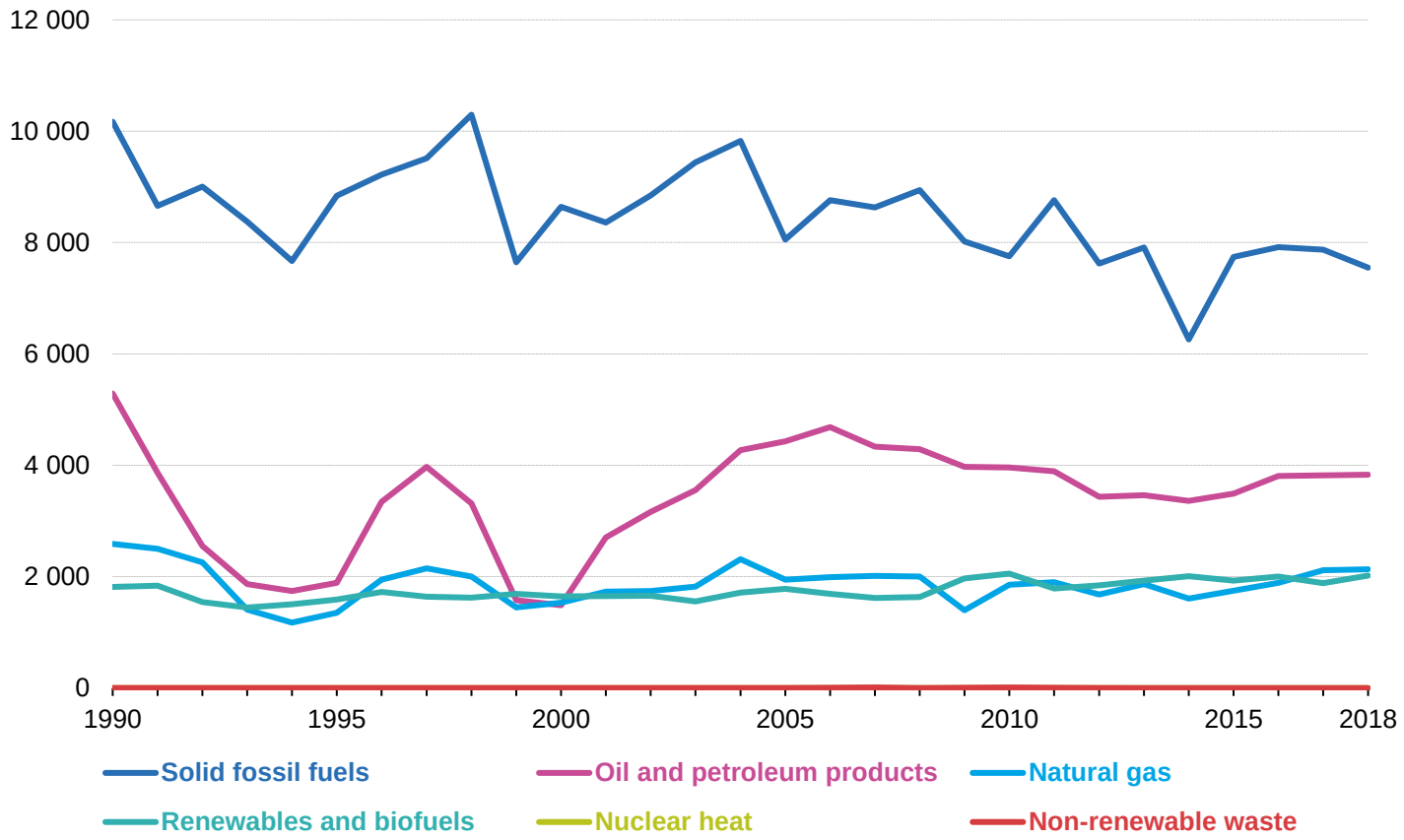
Serbia	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	15 608	16 325	14 610	14 950	13 374	14 833	15 453	15 763	15 545
Solid fossil fuels	7 753	8 758	7 621	7 910	6 261	7 740	7 918	7 873	7 549
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	3 064	2 580	2 339	3 099	3 144	3 370	3 427	3 663	3 878
Petroleum products	3 963	3 895	3 434	3 462	3 363	3 489	3 807	3 817	3 833
Natural gas	1 853	1 903	1 678	1 867	1 609	1 750	1 891	2 117	2 132
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	2 055	1 786	1 843	1 929	2 006	1 931	2 001	1 884	2 020
Non-renewable wastes	9	7	0	0	1	1	1	1	1
Primary production	10 551	11 169	10 793	11 371	9 444	10 763	10 695	10 496	10 025
Solid fossil fuels	7 229	7 825	7 278	7 671	5 713	7 201	7 201	7 216	6 609
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	940	1 122	1 229	1 277	1 216	1 121	1 028	988	976
Natural gas	308	405	425	423	444	456	417	389	358
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	2 064	1 811	1 861	2 000	2 071	1 984	2 049	1 901	2 080
Non-renewable wastes	9	7	0	0	1	1	1	1	1
Net imports	5 231	4 970	4 082	3 602	3 736	4 108	4 593	5 330	5 385
Solid fossil fuels	726	794	405	275	469	622	625	670	763
Crude oil	1 988	1 466	1 074	1 697	1 515	1 899	2 312	2 583	2 835
Gas/Diesel Oil (w/o bio)	593	823	738	384	392	315	328	315	230
Motor Gasoline (w/o bio)	0	27	59	-17	-72	-88	-79	-69	-88
Naphtha	260	245	53	8	-30	-3	78	45	16
LPG	279	328	294	170	164	98	132	102	77
All other oil & petroleum products	2 965	2 830	2 247	2 102	2 075	2 237	2 760	2 878	2 917
Natural gas	1 567	1 391	1 425	1 503	1 111	1 386	1 429	1 738	1 750
Transformation input	12 518	12 675	11 440	13 266	11 487	13 309	13 621	13 845	13 903
Electricity & heat generation	8 619	9 186	8 496	8 930	7 344	8 647	8 688	8 668	8 379
Refinery intake	3 049	2 593	2 380	3 331	3 347	3 624	3 690	3 901	4 141
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	410	347	109	146	207	346	449	509	617
Transformation output	7 734	7 483	6 761	8 326	7 543	8 394	8 717	8 782	9 048
Electricity & heat generation	4 188	4 309	4 005	4 248	3 662	4 135	4 245	4 071	4 082
Refinery output	2 975	2 540	2 328	3 234	3 232	3 479	3 534	3 738	3 953
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	219	234	72	76	115	173	228	253	293
Energy sector	527	481	570	593	593	767	772	775	799
Distribution losses	681	663	602	597	554	570	567	586	554
Available for final consumption	9 571	9 940	8 715	8 766	8 196	8 492	9 070	9 193	9 180
Solid fossil fuels	809	1 017	677	535	462	518	666	535	530
Manufactured gases	74	92	29	33	47	5	9	10	19
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	1 535	1 593	1 502	1 547	1 601	1 585	1 632	1 733	1 782
Motor Gasoline (w/o bio)	518	486	444	421	423	430	443	450	452
Naphtha	378	361	98	354	228	254	327	354	335
LPG	414	435	408	409	333	294	319	249	165
All other oil & petroleum products	3 304	3 360	2 963	3 118	3 007	3 003	3 226	3 244	3 232
Natural gas	1 147	1 134	936	1 002	767	869	1 023	1 182	1 195
Primary solid biofuels & charcoal	1 025	1 020	1 023	1 026	1 029	1 030	1 034	1 035	1 039
Liquid biofuels	0	0	0	0	0	0	0	0	0
All other renewable energies	1 030	1 027	1 030	1 032	1 038	1 041	1 043	1 052	1 054
Non-renewable wastes	0	0	0	0	0	1	1	1	1
Electricity	2 388	2 425	2 351	2 328	2 255	2 338	2 373	2 418	2 412
Heat	818	884	729	718	621	716	730	751	738
Statistical difference	1	16	-27	6	-11	5	15	-26	3
Final non-energy consumption	807	842	331	558	526	601	849	856	742
Final energy consumption	8 763	9 082	8 412	8 202	7 682	7 886	8 206	8 363	8 435
Industry	2 429	2 740	2 464	2 396	1 956	2 047	2 174	2 266	2 398
Transport	2 231	2 042	1 807	1 972	2 041	1 986	2 029	2 113	2 137
Other sectors	4 103	4 300	4 142	3 834	3 685	3 853	4 003	3 984	3 900
Services	906	1 047	835	804	772	875	886	940	891
Households	3 079	3 135	3 122	2 847	2 753	2 826	2 924	2 854	2 838

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	15 608	16 325	14 607	14 940	13 359	14 809	15 432	15 748	15 528
Primary energy consumption	14 801	15 483	14 277	14 382	12 833	14 207	14 583	14 893	14 786
Final energy consumption	8 998	9 245	8 490	8 317	7 846	8 180	8 619	8 832	8 999

Source: Eurostat (nrg_bal_c)

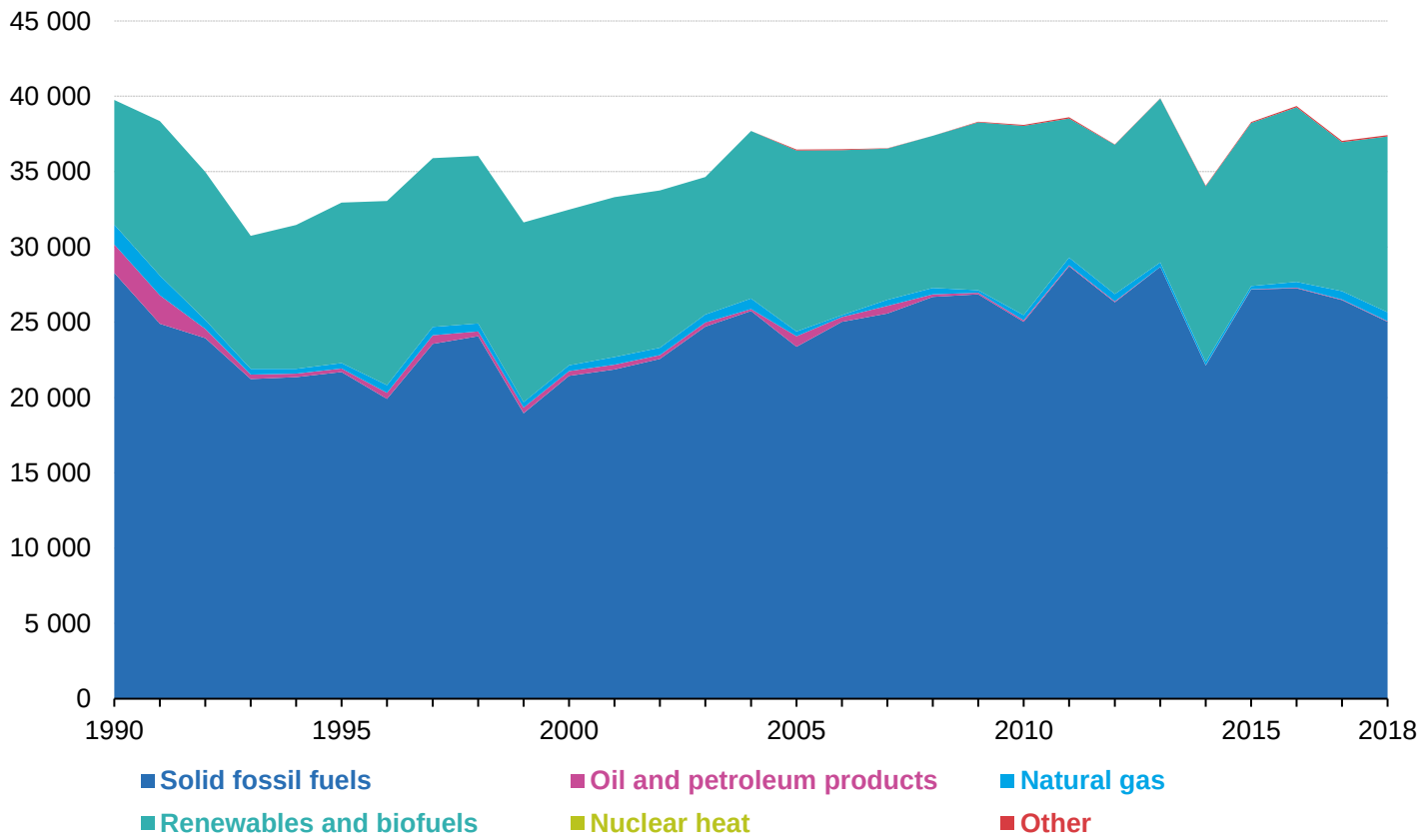
Serbia

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

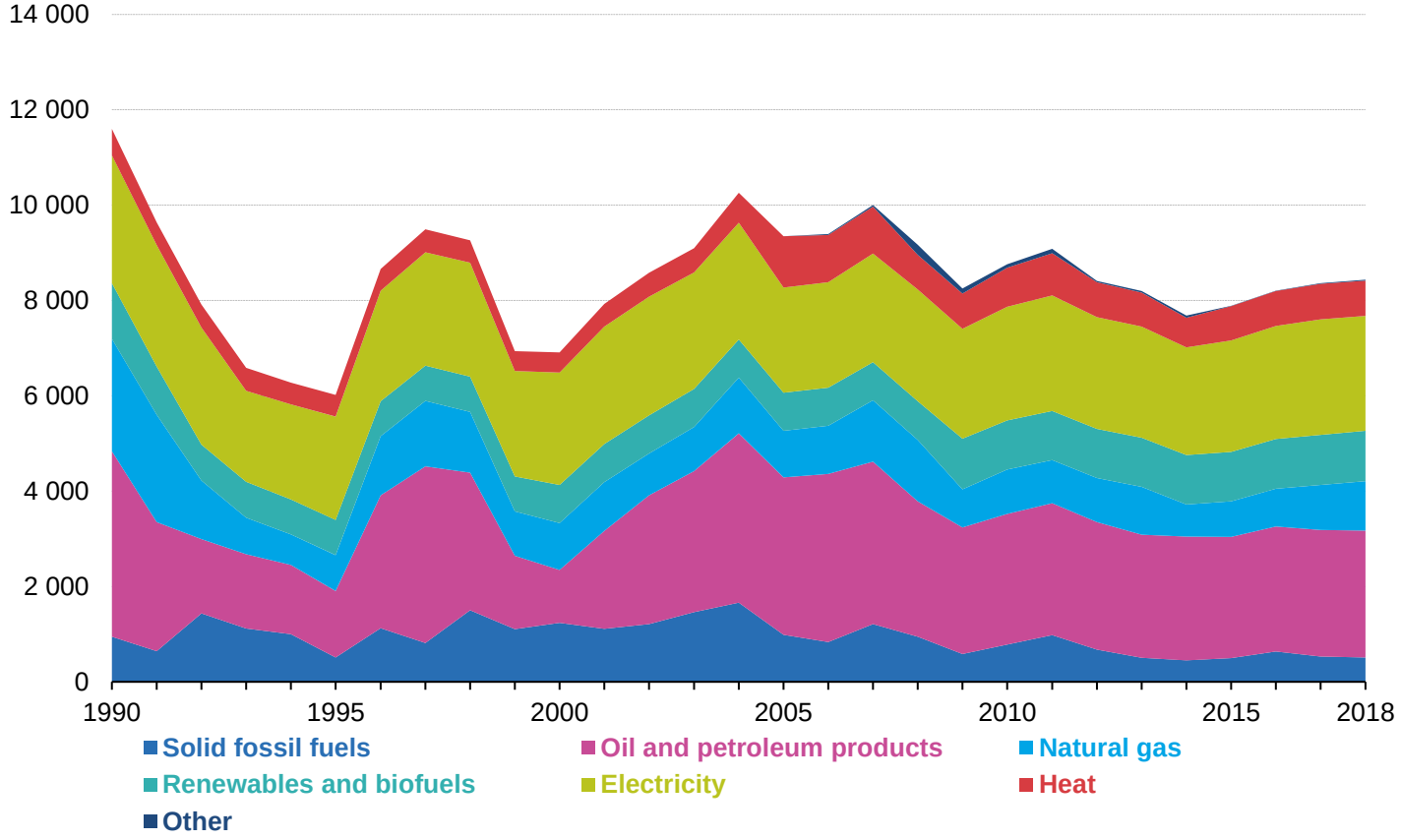


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

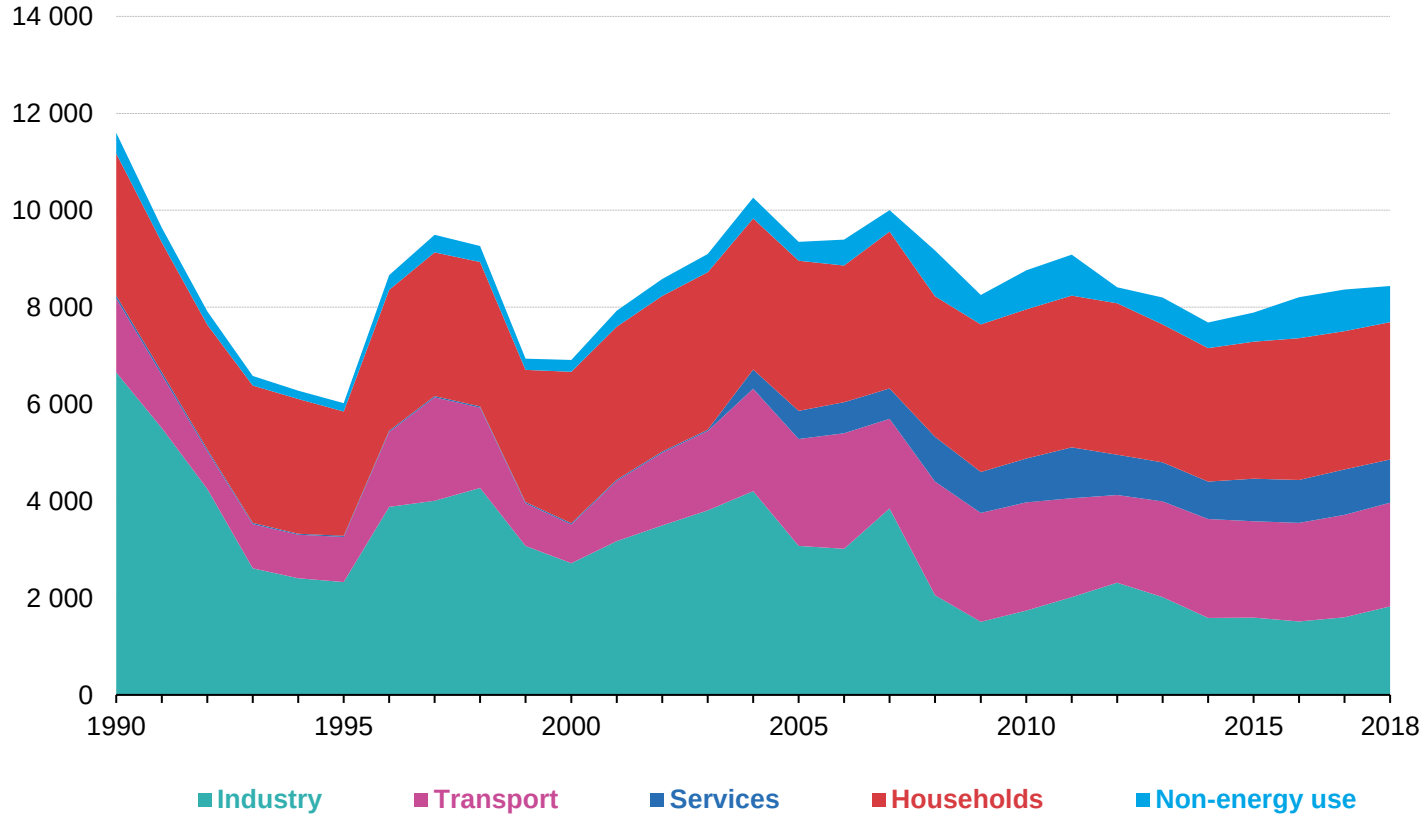
Serbia

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	39 877	34 060	38 298	39 342	37 045	37 426	38 261 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 E
Coking coal	0	0	0	0	0	0	0 E
Other bituminous coal	1	0	0	0	0	0	0 E
Sub-bituminous coal	0	0	0	0	0	0	0 E
Lignite	28 645	22 110	27 150	27 218	26 439	25 000	26 295 E
Coke oven coke	0	0	0	0	0	0	0 E
Patent fuel	0	0	0	0	0	0	0 E
Brown coal briquettes	22	16	12	25	26	20	3 E
Coal tar	0	0	0	0	0	0	0 E
Peat	0	0	0	0	0	0	0 E
Peat products	0	0	0	0	0	0	0 E
Oil shale and oil sands	0	0	0	0	0	0	0 E
Sub-total	28 668	22 126	27 162	27 243	26 465	25 020	26 298 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	301	235	218	376	550	596	633 E
Coke oven gas	0	0	0	0	0	0	0 E
Gas works gas	0	0	0	0	0	0	0 E
Blast furnace gas	23	41	69	75	90	95	92 E
Other recovered gases	0	0	0	0	0	0	0 E
Sub-total	324	276	287	451	639	691	725 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 E
Refinery gas	0	0	0	0	0	0	0 E
Liquefied petroleum gases	0	0	0	0	0	0	0 E
Naphtha	0	0	0	0	0	0	0 E
Kerosene-type jet fuel	0	0	0	0	0	0	0 E
Other kerosene	0	0	0	0	0	0	0 E
Gas oil and diesel oil	0	0	0	0	0	0	0 E
Fuel oil	10	10	28	51	47	52	88 E
Petroleum coke	0	0	0	0	0	0	0 E
Bitumen	0	0	0	0	0	0	0 E
Other oil products	1	0	0	1	1	0	0 E
Sub-total	11	10	28	52	48	52	89 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	10 853	11 617	10 783	11 520	9 752	11 393	10 172 E
Geothermal	0	0	0	0	0	0	0 E
Wind	0	0	0	26	48	150	848 E
Solar thermal	0	0	0	0	0	0	0 E
Solar photovoltaic	0	6	11	12	13	13	14 E
Tide, wave, ocean	0	0	0	0	0	0	0 E
Solid biofuels	0	0	0	0	0	0	0 E
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	20	22	23	34	75	102	116 E
Renewable municipal waste	0	0	0	0	0	0	0 E
Sub-total	10 873	11 645	10 817	11 592	9 889	11 658	11 150 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	1	3	4	4	4	5	0 E
Non-renewable municipal waste	0	0	0	0	0	0	0 E
Sub-total	1	3	4	4	4	5	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 E
Heat from chemical sources	0	0	0	0	0	0	0 E
Other fuels not elsewhere specified	0	0	0	0	0	0	0 E
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	20	34	16	10	21	26	14 E
Coking coal	0	0	0	0	0	0	0 E
Other bituminous coal	83	134	190	179	129	236	43 E
Sub-bituminous coal	0	0	0	0	0	0	0 E
Lignite	40 320	30 690	38 434	38 992	40 178	38 498	39 600 E
Coke oven coke	200	289	492	662	718	838	780 E
Patent fuel	0	0	0	0	0	0	0 E
Brown coal briquettes	496	276	259	457	505	437	399 E
Coal tar	0	0	1	0	0	0	0 E
Peat	0	0	0	0	0	0	0 E
Peat products	0	0	0	0	0	0	0 E
Oil shale and oil sands	0	0	0	0	0	0	0 E

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	86 832	74 848	81 426	87 986	98 491	99 175	94 627 E
Coke oven gas	0	0	0	0	0	0	0 E
Gas works gas	0	0	0	0	0	0	0 E
Blast furnace gas	3 182	4 821	7 253	9 549	10 609	12 281	12 677 E
Other recovered gases	0	0	0	0	0	0	0 E

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1 748	1 764	2 019	2 295	2 551	2 769	: O
Refinery intake	3 111	3 132	3 407	3 448	3 638	3 870	: O

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	787	856	870	1 062	1 031	927	: O
Export	564	658	765	734	854	923	: O
Total refinery output	3 111	3 110	3 382	3 435	3 638	3 858	: P
Gas oil and diesel oil	1 122	1 172	1 279	1 322	1 401	1 572	: O
Motor gasoline	401	464	484	482	499	516	: O
Fuel oil	395	366	355	389	380	361	: O
Naphtha	439	351	359	359	441	449	: O
Kerosene-type jet fuel	73	109	108	123	155	190	: O
All other oil products	681	648	797	760	761	770	: P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	43 973	44 199	44 309	44 661	45 217	44 854	: O
Charcoal [kt]	1	2	3	2	5	2	: O
Biogases [TJ]	184	215	242	307	723	958	: O
Pure biogasoline [kt]	0	0	0	0	0	0	: O
Pure biodiesels [kt]	0	0	0	0	0	0	: O
Other liquid biofuels [kt]	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	: O
Non-renewable municipal waste	0	0	0	0	0	0	: O
Industrial waste (non-renewable)	12	34	36	45	44	49	: O

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	188	235	257	215	221	215	: O
Solar thermal	0	0	0	0	0	0	: O
Ambinet heat (heat pumps)	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Turkey ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	39 906.6	16 546.7	Z	0.0	0.0	3 009.8	351.3	19 146.7	852.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	116 027.0	24 480.3	0.0	0.0	0.0	49 932.9	41 400.8	0.0	0.0	Z	0.0	213.0
- Exports	6 046.6	148.4	0.0	0.0	0.0	5 076.3	554.4	0.0	0.0	Z	0.0	267.6
+ Change in stock	-842.8	-54.0	0.0	0.0	0.0	-608.7	-180.2	0.1	0.0	Z	Z	Z
= Gross available energy	**149 044.2**	**40 824.7**	**0.0**	**0.0**	**0.0**	**47 257.7**	**41 017.5**	**19 146.9**	**852.0**	**0.0**	**0.0**	**-54.6**
- International maritime bunkers	927.0	0.0	0.0	0.0	0.0	927.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**148 117.1**	**40 824.7**	**0.0**	**0.0**	**0.0**	**46 330.7**	**41 017.5**	**19 146.9**	**852.0**	**0.0**	**0.0**	**-54.6**
- International aviation	3 934.9	Z	Z	Z	Z	3 934.9	Z	0.0	Z	Z	Z	Z
= Total energy supply	**144 182.2**	**40 824.7**	**0.0**	**0.0**	**0.0**	**42 395.8**	**41 017.5**	**19 146.9**	**852.0**	**0.0**	**0.0**	**-54.6**
Transformation input	**101 332.4**	**34 120.7**	**748.2**	**0.0**	**0.0**	**36 647.2**	**14 657.8**	**14 724.9**	**54.0**	**0.0**	**379.8**	**0.0**
+ Electricity & heat generation	56 137.6	26 081.7	748.2	0.0	0.0	68.8	14 232.1	14 573.1	54.0	0.0	379.8	0.0
+ Coke ovens	4 300.5	4 300.5	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	3 738.4	3 738.4	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	36 578.4	Z	Z	Z	Z	36 578.4	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	151.8	Z	Z	Z	Z	Z	Z	151.8	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	425.6	0.0	0.0	0.0	0.0	0.0	425.6	0.0	0.0	Z	Z	Z
Transformation output	**68 968.5**	**2 926.7**	**2 021.4**	**0.0**	**Z**	**36 255.5**	**0.0**	**183.1**	**Z**	**Z**	**1 373.7**	**26 208.2**
+ Electricity & heat generation	27 581.9	Z	Z	Z	Z	Z	Z	Z	Z	Z	1 373.7	26 208.2
+ Coke ovens	3 706.1	2 926.7	779.4	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	1 242.0	0.0	1 242.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	35 782.5	Z	Z	Z	Z	35 782.5	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	183.1	Z	Z	Z	Z	Z	Z	183.1	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	472.9	Z	Z	Z	Z	472.9	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**5 480.9**	**248.2**	**912.6**	**0.0**	**0.0**	**1 486.9**	**1 320.0**	**0.0**	**0.0**	**Z**	**0.0**	**1 513.1**
+ Own use in electricity & heat genera	1 478.3	248.2	0.0	0.0	0.0	0.0	0.5	0.0	0.0	Z	0.0	1 229.6
+ Coal mines	85.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	85.8
+ Oil & natural gas extraction plants	45.5	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	45.5
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	374.5	0.0	374.5	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	538.2	0.0	538.2	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	2 944.5	0.0	0.0	0.0	0.0	1 486.9	1 311.1	0.0	0.0	Z	0.0	146.6
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	14.2	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	Z	0.0	5.7
Distribution losses	**2 722.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**2.4**	**0.0**	**0.0**	**Z**	**0.0**	**2 720.1**
Available for final consumption	**103 614.8**	**9 382.5**	**360.6**	**0.0**	**0.0**	**40 517.2**	**25 037.2**	**4 605.0**	**798.0**	**0.0**	**993.9**	**21 920.4**
Final non-energy consumption	**4 709.3**	**0.0**	**0.0**	**0.0**	**0.0**	**3 817.1**	**892.1**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**98 634.0**	**9 659.5**	**360.6**	**0.0**	**0.0**	**36 239.1**	**24 057.4**	**4 605.0**	**798.0**	**Z**	**993.9**	**21 920.4**
+ Industry	32 332.1	5 945.5	360.6	0.0	0.0	4 379.7	9 673.5	343.0	798.0	Z	993.9	9 837.8
+ Iron & steel	4 383.3	653.2	360.6	0.0	0.0	8.4	1 168.3	0.0	0.0	Z	0.0	2 192.8
+ Chemical & petrochemical	2 687.3	713.0	0.0	0.0	0.0	5.4	1 345.3	0.0	28.0	Z	0.0	595.7
+ Non-ferrous metals	869.4	244.7	0.0	0.0	0.0	4.2	247.8	0.0	64.0	Z	0.0	308.7
+ Non-metallic minerals	9 693.4	2 442.4	0.0	0.0	0.0	3 941.5	1 699.3	0.0	374.0	Z	0.0	1 236.2
+ Transport equipment	411.0	2.0	0.0	0.0	0.0	5.2	181.1	0.0	0.0	Z	0.0	222.6
+ Machinery	649.7	1.2	0.0	0.0	0.0	6.4	214.1	2.0	1.0	Z	0.0	425.1
+ Mining & quarrying	384.5	2.8	0.0	0.0	0.0	117.0	127.6	0.0	0.0	Z	0.0	137.0
+ Food, beverages & tobacco	2 791.9	828.4	0.0	0.0	0.0	19.4	1 104.0	11.0	158.0	Z	0.0	671.1
+ Paper, pulp & printing	730.3	244.1	0.0	0.0	0.0	4.5	177.0	1.0	8.0	Z	0.0	295.7
+ Wood & wood products	459.1	15.8	0.0	0.0	0.0	7.3	63.4	16.0	165.0	Z	0.0	191.6
+ Construction	928.0	26.2	0.0	0.0	0.0	38.6	536.8	0.0	0.0	Z	0.0	326.5
+ Textile & leather	3 154.3	589.1	0.0	0.0	0.0	7.1	1 002.8	1.0	0.0	Z	0.0	1 554.3
+ Not elsewhere specified (industry)	5 189.9	182.6	0.0	0.0	0.0	214.7	1 806.1	312.0	0.0	Z	993.9	1 680.6
+ Transport	28 599.2	0.0	0.0	0.0	0.0	27 845.3	462.8	183.1	0.0	Z	Z	108.0
+ Rail	216.9	0.0	0.0	0.0	0.0	128.8	Z	0.0	0.0	Z	Z	88.0
+ Road	26 261.1	Z	Z	Z	Z	26 002.0	76.0	183.1	0.0	Z	Z	0.0
+ Domestic aviation	1 318.4	Z	Z	Z	Z	1 318.4	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	396.1	0.0	0.0	0.0	0.0	396.1	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	406.6	Z	Z	Z	Z	0.0	386.6	0.0	Z	Z	Z	20.0
+ Not elsewhere specified (transport	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	Z	Z	0.0
+ Other	37 702.7	3 714.0	0.0	0.0	0.0	4 014.0	13 921.1	4 079.0	0.0	Z	0.0	11 974.6
+ Commercial & public services	12 553.8	1 980.6	0.0	0.0	0.0	800.4	3 289.9	0.0	0.0	Z	0.0	6 482.9
+ Households	20 557.1	1 733.4	0.0	0.0	0.0	220.3	10 457.5	3 452.0	0.0	Z	0.0	4 693.9
+ Agriculture & forestry	4 443.6	0.0	0.0	0.0	0.0	2 902.9	132.0	627.0	0.0	Z	0.0	781.7
+ Fishing	148.2	0.0	0.0	0.0	0.0	90.4	41.7	0.0	0.0	Z	0.0	16.1
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**271.6**	**-277.0**	**0.0**	**0.0**	**0.0**	**461.0**	**87.6**	**0.0**	**0.0**	**0.0**	**0.0**	**-0.0**
Gross electricity production	26 126.5	9 574.8	162.8	0.0	0.0	28.3	7 952.1	8 406.5	2.0	0.0	Z	Z
Gross heat production	993.9	64.5	0.0	0.0	0.0	31.9	764.7	96.5	36.4	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

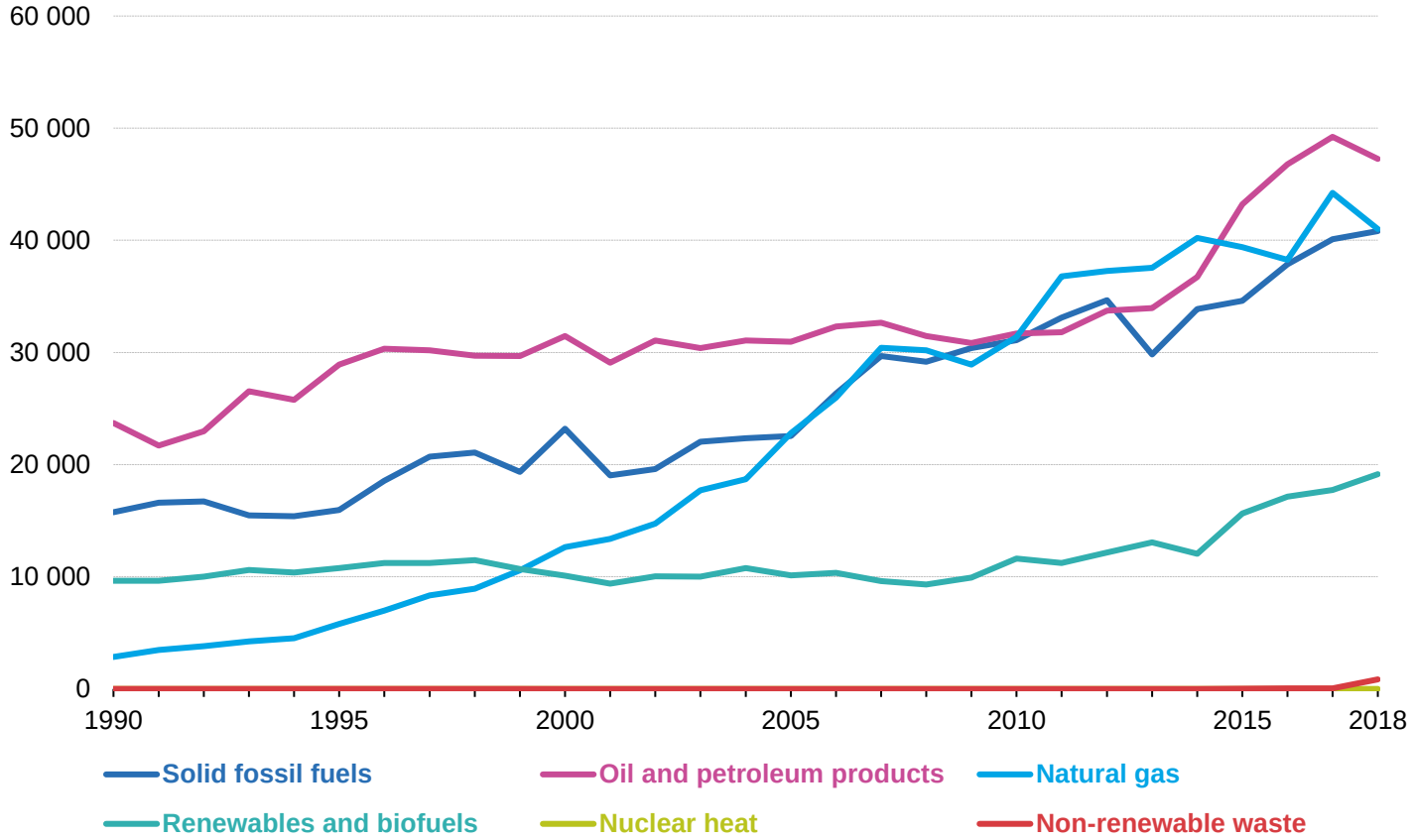
Turkey	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	105 748	112 994	118 074	114 936	123 323	133 213	140 525	151 300	149 044
Solid fossil fuels	31 095	33 100	34 668	29 820	33 884	34 598	37 870	40 091	40 825
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	19 466	20 621	21 120	20 610	20 732	27 832	28 334	29 293	24 971
Petroleum products	31 694	31 798	33 741	33 958	36 723	43 202	46 788	49 229	47 258
Natural gas	31 395	36 789	37 262	37 556	40 205	39 383	38 262	44 232	41 017
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	11 627	11 223	12 151	13 064	12 056	15 658	17 136	17 739	19 147
Non-renewable wastes	4	6	5	4	3	33	49	58	852
Primary production	31 412	30 816	30 490	29 092	28 807	31 459	35 705	36 466	39 907
Solid fossil fuels	16 741	16 620	15 554	13 542	13 814	12 798	15 498	15 682	16 547
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	2 478	2 342	2 310	2 370	2 610	2 657	2 721	2 695	3 010
Natural gas	562	625	521	443	395	314	302	292	351
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	11 627	11 223	12 100	12 733	11 985	15 658	17 135	17 739	19 147
Non-renewable wastes	4	6	5	4	3	33	49	58	852
Net imports	74 712	80 352	89 313	86 645	94 088	103 741	106 071	116 755	109 980
Solid fossil fuels	14 650	15 655	19 438	17 460	19 336	21 859	23 378	24 738	24 332
Crude oil	16 833	17 963	19 349	18 424	18 533	26 553	26 420	27 295	22 215
Gas/Diesel Oil (w/o bio)	9 590	10 301	11 349	12 114	13 275	12 681	13 242	14 641	15 168
Motor Gasoline (w/o bio)	-1 843	-2 417	-2 803	-2 695	-2 235	-3 325	-3 092	-3 394	-2 601
Naphtha	1 282	1 149	1 465	1 471	1 144	1 630	1 890	1 905	1 571
LPG	3 423	3 325	3 254	3 352	3 396	3 562	3 567	3 523	3 610
All other oil & petroleum products	29 343	29 081	32 272	31 608	34 191	42 181	44 664	47 098	44 857
Natural gas	30 786	35 538	37 305	36 713	40 039	39 362	37 609	44 968	40 846
Transformation input	65 050	72 529	76 561	76 505	79 337	90 470	94 287	102 946	101 332
Electricity & heat generation	36 960	40 207	41 590	40 769	45 485	46 118	49 364	54 312	56 138
Refinery intake	19 950	22 260	23 254	24 117	23 232	30 998	31 395	33 585	29 763
Coke ovens	3 981	3 890	4 033	4 168	4 280	4 409	4 093	4 181	4 301
Blast furnaces	2 804	2 484	3 384	3 409	3 360	3 479	3 351	3 776	3 738
Transformation output	45 633	51 557	55 408	56 112	53 764	64 442	66 470	71 782	68 969
Electricity & heat generation	19 422	20 974	21 854	21 951	22 924	23 658	24 858	26 934	27 582
Refinery output	20 482	22 806	24 296	25 103	22 778	30 075	30 662	32 963	29 154
Coke ovens	3 552	3 266	3 498	3 574	3 829	3 784	3 542	3 629	3 706
Blast furnaces	926	852	1 116	1 187	1 252	1 353	1 252	1 289	1 242
Energy sector	3 964	4 170	4 511	4 363	4 374	5 409	6 449	6 756	5 481
Distribution losses	2 602	2 787	3 070	3 198	3 211	3 144	3 065	2 983	2 723
Available for final consumption	78 145	83 720	88 078	84 979	86 427	94 103	98 751	105 862	103 615
Solid fossil fuels	13 875	13 415	13 583	10 086	11 013	11 515	11 556	11 880	9 382
Manufactured gases	318	304	432	397	442	511	462	312	361
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	14 834	15 515	16 531	17 265	18 068	20 084	21 907	23 995	23 706
Motor Gasoline (w/o bio)	2 160	2 043	1 938	2 031	2 023	2 134	2 320	2 382	2 335
Naphtha	1 197	658	985	962	771	207	125	155	104
LPG	4 153	4 163	4 062	4 179	4 239	4 401	4 677	4 623	4 655
All other oil & petroleum products	28 706	29 654	32 376	31 466	30 859	35 718	38 931	41 360	40 517
Natural gas	13 137	17 671	18 120	19 036	19 746	21 250	21 813	24 922	25 037
Primary solid biofuels & charcoal	4 435	3 531	3 453	3 281	3 115	2 804	2 589	2 362	1 591
Liquid biofuels	6	16	72	374	138	140	136	146	183
All other renewable energies	6 265	5 640	5 756	5 913	5 547	5 674	5 442	5 211	4 605
Non-renewable wastes	0	0	0	0	0	0	0	0	798
Electricity	14 619	15 821	16 586	16 867	17 665	18 444	19 619	21 143	21 920
Heat	1 226	1 216	1 226	1 213	1 156	991	928	1 034	994
Statistical difference	0	1 462	1 654	-713	13	251	336	465	272
Final non-energy consumption	7 109	6 182	7 266	7 225	5 569	7 005	8 097	4 922	4 709
Final energy consumption	71 036	76 076	79 158	78 467	80 844	86 847	90 318	100 475	98 634
Industry	22 316	24 892	25 567	24 029	25 102	26 110	26 330	32 122	32 332
Transport	14 814	15 037	17 725	19 638	20 972	24 503	27 030	28 306	28 599
Other sectors	33 907	36 148	35 867	34 800	34 770	36 235	36 958	40 047	37 703
Services	9 493	9 903	11 005	10 612	11 021	12 195	12 416	13 567	12 554
Households	19 415	20 810	20 187	19 808	19 166	20 153	20 711	22 167	20 557

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	105 375	112 842	117 880	114 012	122 291	132 361	139 634	150 445	148 117
Primary energy consumption	98 266	106 660	110 614	106 787	116 722	125 356	131 537	145 523	143 408
Final energy consumption	74 703	79 375	82 999	82 215	86 092	93 092	96 405	107 145	105 603

Source: Eurostat (nrg_bal_c)

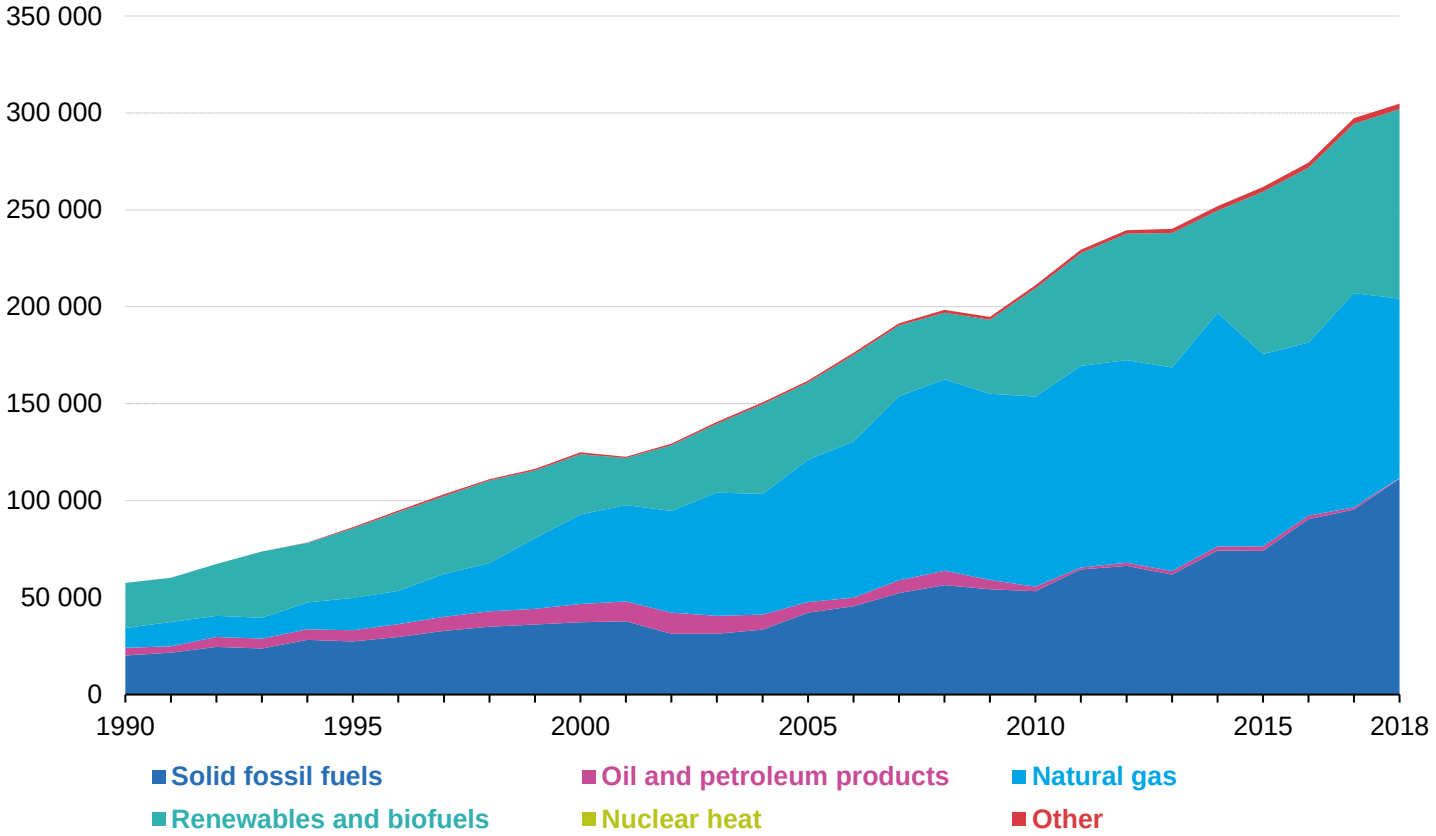
Turkey

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

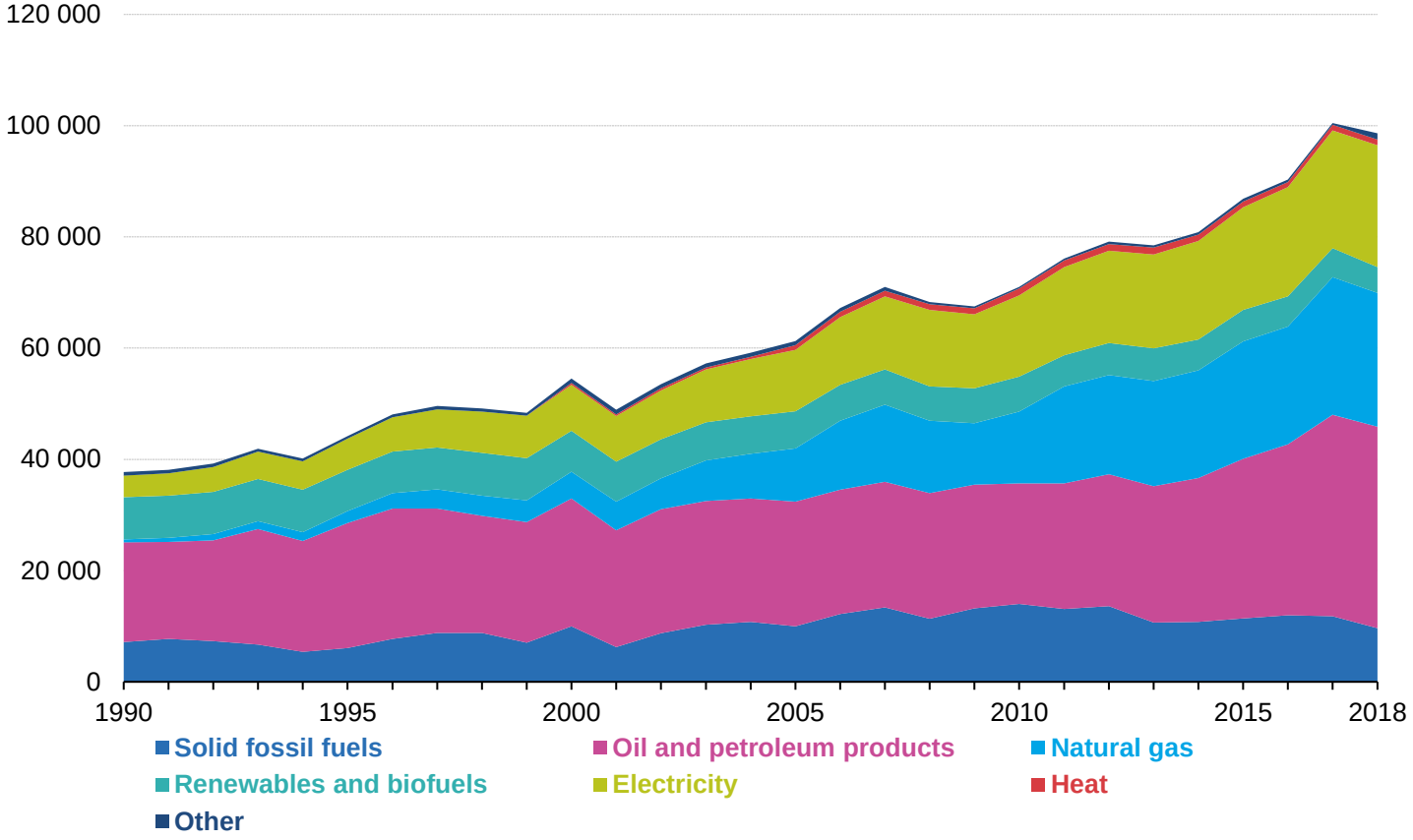


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

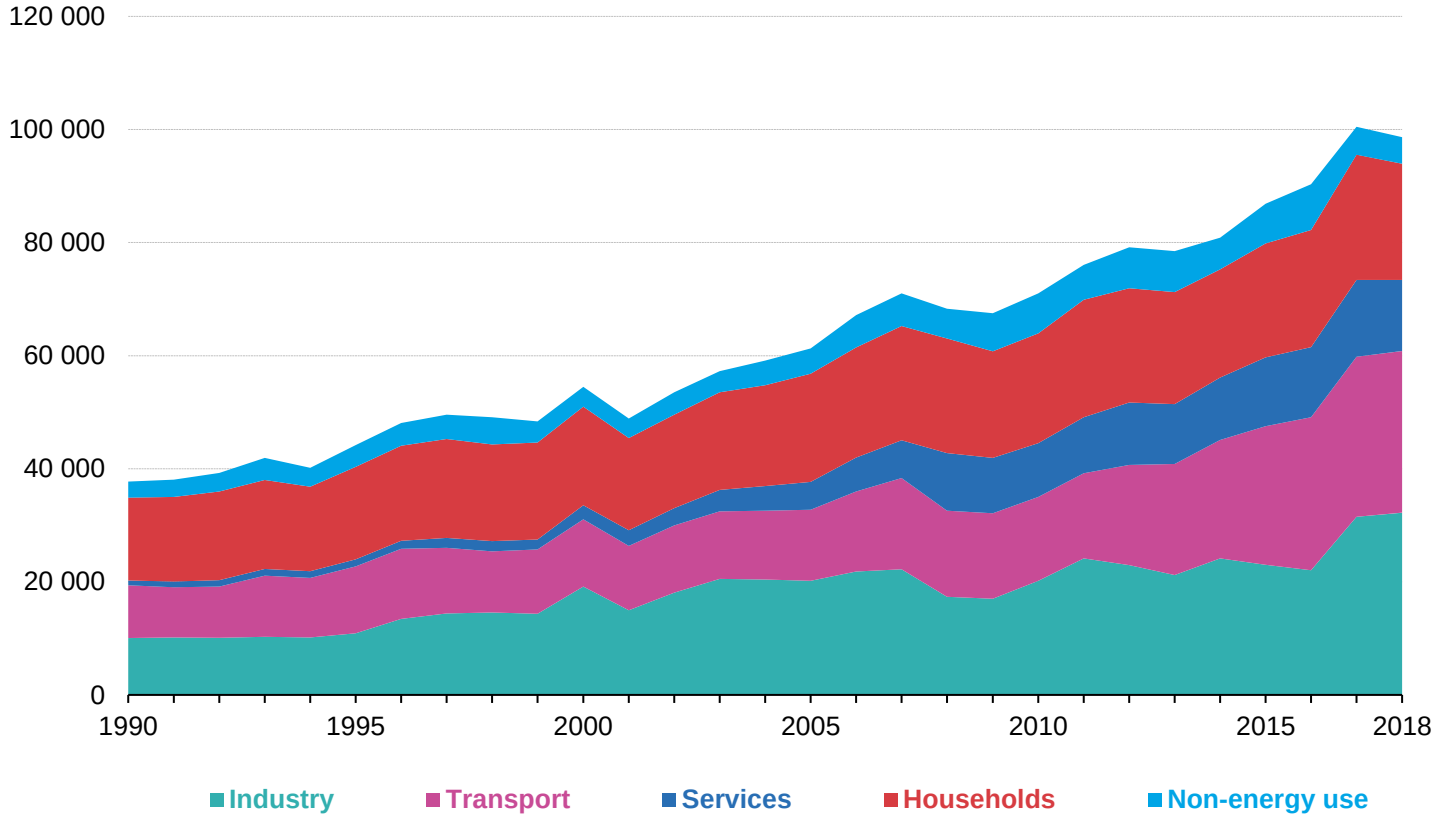
Turkey

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Turkey

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	240 154	251 963	261 783	274 408	297 278	304 802	294 674 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	1 462	1 166	1 401	1 417	1 139	1 337	1 356 P
Other bituminous coal	29 469	35 552	40 360	47 527	51 156	62 603	60 776 P
Sub-bituminous coal	732	954	1 078	2 874	2 395	2 328	2 324 P
Lignite	30 262	36 615	31 336	38 570	40 694	45 087	46 994 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	61 925	74 287	74 175	90 388	95 385	111 355	111 449 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	105 116	120 576	99 218	89 227	110 490	92 483	56 867 P
Coke oven gas	548	524	533	479	612	635	557 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	1 313	1 452	1 458	1 406	1 479	1 258	1 211 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	106 977	122 552	101 209	91 112	112 581	94 376	58 635 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	546	482	1 244	957	679	0	1 P
Fuel oil	1 193	1 663	980	969	521	329	733 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	1 739	2 145	2 224	1 926	1 200	329	734 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	59 420	40 645	67 146	67 231	58 218	59 938	88 886 P
Geothermal	1 364	2 364	3 425	4 819	6 127	7 431	8 930 P
Wind	7 557	8 520	11 652	15 517	17 904	19 949	21 780 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	17	194	1 043	2 889	7 800	0 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	35	34	32	74	313	474	625 P
Liquid biofuels	0	2	1	1	2	5	15 P
Biogases	844	1 047	1 208	1 560	1 781	2 159	2 600 P
Renewable municipal waste	0	0	0	0	0	11	15 P
Sub-total	69 220	52 629	83 658	90 245	87 235	97 768	122 851 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	15	12	22	24	28	23	28 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	15	12	22	24	28	23	28 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	278	338	495	713	848	950	977 P
Sub-total	278	338	495	713	848	950	977 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	6 341	6 306	6 654	6 296	6 334	6 415	6 984 P
Other bituminous coal	22 156	25 146	28 165	30 728	32 545	33 130	33 174 P
Sub-bituminous coal	767	771	1 034	1 557	1 277	1 583	1 322 P
Lignite	55 202	64 656	56 661	67 950	71 658	80 898	85 747 P
Coke oven coke	4 602	4 735	4 984	5 056	5 092	5 114	4 944 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	55	67	69	23	44	30	20 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	1 747 095	1 870 315	1 832 108	1 779 939	2 057 694	1 908 137	1 721 594 P
Coke oven gas	31 705	33 784	32 698	31 939	33 109	36 258	37 163 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	49 700	52 427	56 647	52 432	53 953	52 000	53 560 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	18 661	17 567	25 160	25 067	25 887	21 093	31 206 P
Refinery intake	24 129	21 666	29 937	30 579	32 435	28 882	37 675 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	21 413	22 358	23 315	24 669	26 417	27 480	20 704 P
Export	7 879	6 551	7 170	5 840	6 245	4 654	8 154 P
Total refinery output	24 000	21 876	29 234	29 605	31 940	28 227	37 105 P
Gas oil and diesel oil	7 668	6 230	8 652	9 661	10 478	9 421	13 817 P
Motor gasoline	4 283	3 953	5 113	5 103	5 366	4 691	5 298 P
Fuel oil	3 013	3 837	3 460	2 835	2 987	2 189	3 114 P
Naphtha	148	304	273	320	343	375	1 138 P
Kerosene-type jet fuel	3 584	3 548	5 027	4 504	4 837	4 787	5 964 P
All other oil products	5 304	4 004	6 709	7 182	7 929	6 764	7 774 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	137 976	131 008	117 954	109 382	102 180	72 879	71 421 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	8 511	9 653	11 119	14 721	17 569	20 496	22 800 P
Pure biogasoline [kt]	36	55	67	72	79	75	77 P
Pure biodiesels [kt]	22	36	69	63	67	109	121 P
Other liquid biofuels [kt]	0	0	0	0	0	1	3 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	171	175 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	184	144	1 362	2 067	2 446	35 672	36 200 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	110 363	147 528	202 918	252 589	298 436	349 305	0 P
Solar thermal	33 284	33 620	34 647	34 625	35 295	36 718	0 P
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Bosnia and Herzegovina ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	5 672.2	3 658.8	Z	0.0	0.0	0.0	0.0	2 013.4	0.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	3 403.6	1 064.5	0.0	0.0	0.0	1 868.4	199.1	5.7	0.0	Z	0.0	265.9
- Exports	1 589.1	434.9	0.0	0.0	0.0	227.1	0.0	265.1	0.0	Z	0.0	661.9
+ Change in stock	-8.4	-58.3	0.0	0.0	0.0	49.9	-0.0	0.0	0.0	Z	Z	Z
= Gross available energy	**7 478.3**	**4 230.1**	**0.0**	**0.0**	**0.0**	**1 691.2**	**199.1**	**1 754.0**	**0.0**	**0.0**	**0.0**	**-396.0**
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**7 478.3**	**4 230.1**	**0.0**	**0.0**	**0.0**	**1 691.2**	**199.1**	**1 754.0**	**0.0**	**0.0**	**0.0**	**-396.0**
- International aviation	7.8	Z	Z	Z	Z	7.8	Z	0.0	Z	Z	Z	Z
= Total energy supply	**7 470.6**	**4 230.1**	**0.0**	**0.0**	**0.0**	**1 683.5**	**199.1**	**1 754.0**	**0.0**	**0.0**	**0.0**	**-396.0**
Transformation input	**6 043.4**	**4 592.3**	**0.0**	**0.0**	**0.0**	**741.0**	**50.2**	**648.2**	**0.0**	**0.0**	**0.0**	**11.8**
+ Electricity & heat generation	4 060.3	3 384.3	0.0	0.0	0.0	18.4	50.2	595.7	0.0	0.0	0.0	11.8
+ Coke ovens	915.7	915.7	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	292.4	292.4	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	722.7	Z	Z	Z	Z	722.7	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	52.5	Z	Z	Z	Z	Z	Z	52.5	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**3 434.0**	**643.9**	**274.3**	**0.0**	**Z**	**709.8**	**0.0**	**21.0**	**Z**	**Z**	**137.6**	**1 647.5**
+ Electricity & heat generation	1 785.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	137.6	1 647.5
+ Coke ovens	807.9	643.9	164.1	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	110.2	0.0	110.2	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	709.8	Z	Z	Z	Z	709.8	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	21.0	Z	Z	Z	Z	Z	Z	21.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**422.7**	**2.8**	**164.1**	**0.0**	**0.0**	**116.7**	**0.0**	**0.0**	**0.0**	**Z**	**0.5**	**138.6**
+ Own use in electricity & heat genera	111.9	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	Z	0.5	107.3
+ Coal mines	57.2	2.8	0.0	0.0	0.0	34.8	0.0	0.0	0.0	Z	0.0	19.6
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	167.6	0.0	164.1	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	3.5
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	83.8	0.0	0.0	0.0	0.0	77.8	0.0	0.0	0.0	Z	0.0	6.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	2.2
Distribution losses	**126.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.8**	**0.0**	**0.0**	**Z**	**10.2**	**116.0**
Available for final consumption	**4 311.4**	**278.9**	**110.2**	**0.0**	**0.0**	**1 535.5**	**148.1**	**1 126.9**	**0.0**	**0.0**	**126.9**	**985.0**
Final non-energy consumption	**99.0**	**0.0**	**0.0**	**0.0**	**0.0**	**99.0**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**4 211.9**	**278.9**	**110.2**	**0.0**	**0.0**	**1 436.0**	**148.1**	**1 126.8**	**0.0**	**Z**	**126.9**	**985.0**
+ Industry	863.5	152.6	110.2	0.0	0.0	120.4	87.1	17.2	0.0	Z	0.5	375.5
+ Iron & steel	214.2	14.4	110.2	0.0	0.0	0.7	18.4	0.0	0.0	Z	0.0	70.4
+ Chemical & petrochemical	16.2	0.1	0.0	0.0	0.0	2.7	1.4	0.0	0.0	Z	0.0	12.0
+ Non-ferrous metals	249.8	37.7	0.0	0.0	0.0	1.7	57.1	0.0	0.0	Z	0.0	153.4
+ Non-metallic minerals	115.8	92.2	0.0	0.0	0.0	11.9	1.1	0.0	0.0	Z	0.0	10.5
+ Transport equipment	9.6	0.1	0.0	0.0	0.0	3.0	0.0	0.0	0.0	Z	0.0	6.4
+ Machinery	33.6	1.2	0.0	0.0	0.0	8.4	0.2	0.0	0.0	Z	0.2	23.7
+ Mining & quarrying	32.8	0.7	0.0	0.0	0.0	25.4	0.0	0.0	0.0	Z	0.1	6.4
+ Food, beverages & tobacco	51.3	4.4	0.0	0.0	0.0	17.5	6.6	0.0	0.0	Z	0.0	22.9
+ Paper, pulp & printing	30.9	0.1	0.0	0.0	0.0	11.6	0.3	0.0	0.0	Z	0.0	19.0
+ Wood & wood products	21.0	0.0	0.0	0.0	0.0	3.9	0.8	0.0	0.0	Z	0.1	16.3
+ Construction	30.9	0.1	0.0	0.0	0.0	25.4	0.0	0.0	0.0	Z	0.0	5.4
+ Textile & leather	23.5	1.3	0.0	0.0	0.0	4.9	1.2	0.0	0.0	Z	0.0	16.1
+ Not elsewhere specified (industry)	33.9	0.3	0.0	0.0	0.0	3.3	0.1	17.2	0.0	Z	0.0	12.9
+ Transport	1 238.3	0.0	0.0	0.0	0.0	1 231.2	2.0	0.0	0.0	Z	Z	5.1
+ Rail	5.1	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	5.1
+ Road	1 233.2	Z	Z	Z	Z	1 231.2	2.0	0.0	0.0	Z	Z	0.0
+ Domestic aviation	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	2 110.2	126.3	0.0	0.0	0.0	84.5	59.0	1 109.6	0.0	Z	126.4	604.5
+ Commercial & public services	348.5	49.4	0.0	0.0	0.0	21.2	23.0	26.9	0.0	Z	31.7	196.3
+ Households	1 719.4	76.7	0.0	0.0	0.0	26.5	36.0	1 082.7	0.0	Z	94.7	402.8
+ Agriculture & forestry	42.2	0.2	0.0	0.0	0.0	36.7	0.0	0.0	0.0	Z	0.0	5.3
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	1 647.5	1 069.4	0.0	0.0	0.0	4.0	2.2	571.9	0.0	0.0	Z	Z
Gross heat production	137.6	66.8	0.0	0.0	0.0	6.6	39.1	25.1	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

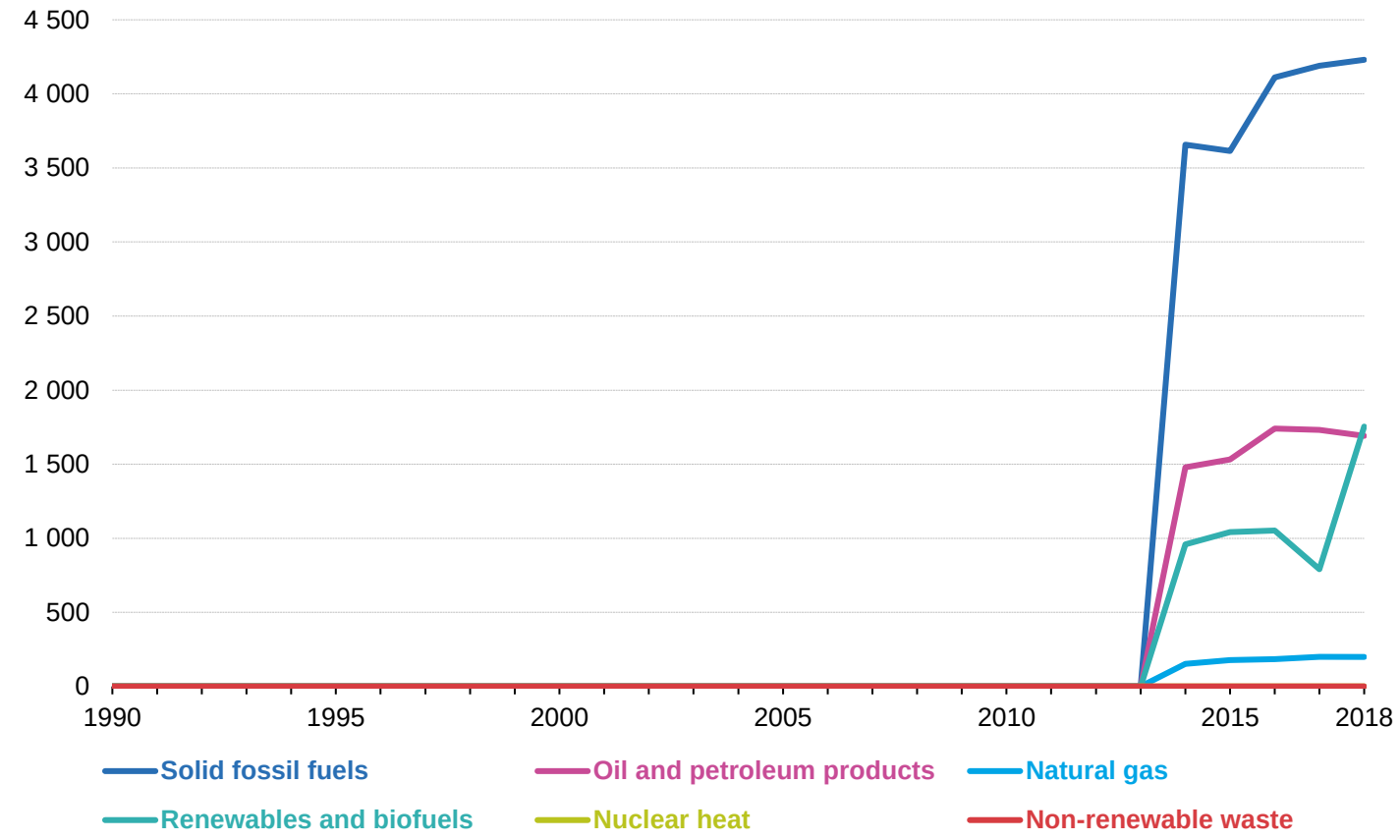
Bosnia and Herzegovina	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	0	0	0	0	6 003	6 183	6 767	6 754	7 478
Solid fossil fuels	0	0	0	0	3 658	3 615	4 112	4 189	4 230
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	1 027	944	869	895	723
Petroleum products	0	0	0	0	1 479	1 533	1 741	1 732	1 691
Natural gas	0	0	0	0	152	177	185	200	199
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	0	0	0	0	958	1 041	1 053	792	1 754
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	0	0	0	0	4 306	4 367	4 742	4 624	5 672
Solid fossil fuels	0	0	0	0	3 073	3 165	3 520	3 612	3 659
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	0	0	0	0	1 232	1 202	1 221	1 012	2 013
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	0	0	0	0	1 693	2 083	2 133	2 299	1 814
Solid fossil fuels	0	0	0	0	631	645	614	740	630
Crude oil	0	0	0	0	970	946	947	873	709
Gas/Diesel Oil (w/o bio)	0	0	0	0	539	606	810	812	832
Motor Gasoline (w/o bio)	0	0	0	0	43	76	56	62	63
Naphtha	0	0	0	0	-7	-11	-7	-7	-8
LPG	0	0	0	0	48	50	71	85	80
All other oil & petroleum products	0	0	0	0	1 428	1 606	1 825	1 738	1 641
Natural gas	0	0	0	0	152	177	185	200	199
Transformation input	0	0	0	0	5 700	5 554	5 964	5 916	6 043
Electricity & heat generation	0	0	0	0	3 437	3 384	3 912	3 864	4 060
Refinery intake	0	0	0	0	1 027	944	869	895	723
Coke ovens	0	0	0	0	878	865	823	821	916
Blast furnaces	0	0	0	0	277	279	277	266	292
Transformation output	0	0	0	0	3 513	3 410	3 383	3 277	3 434
Electricity & heat generation	0	0	0	0	1 599	1 571	1 663	1 552	1 785
Refinery output	0	0	0	0	997	927	836	873	710
Coke ovens	0	0	0	0	781	776	747	723	808
Blast furnaces	0	0	0	0	104	105	105	100	110
Energy sector	0	0	0	0	430	426	424	408	423
Distribution losses	0	0	0	0	123	129	128	131	127
Available for final consumption	0	0	0	0	3 258	3 478	3 623	3 565	4 311
Solid fossil fuels	0	0	0	0	270	281	276	265	279
Manufactured gases	0	0	0	0	104	105	105	100	110
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	0	0	0	0	907	958	1 128	1 137	1 121
Motor Gasoline (w/o bio)	0	0	0	0	201	205	213	202	194
Naphtha	0	0	0	0	0	0	0	0	0
LPG	0	0	0	0	67	68	84	103	93
All other oil & petroleum products	0	0	0	0	1 267	1 324	1 529	1 541	1 536
Natural gas	0	0	0	0	111	132	136	149	148
Primary solid biofuels & charcoal	0	0	0	0	381	487	482	390	1 119
Liquid biofuels	0	0	0	0	0	0	0	0	0
All other renewable energies	0	0	0	0	395	501	498	401	1 127
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	0	0	0	0	985	987	953	981	985
Heat	0	0	0	0	126	147	126	127	127
Statistical difference	0	0	0	0	88	92	3	4	1
Final non-energy consumption	0	0	0	0	66	69	76	63	99
Final energy consumption	0	0	0	0	3 104	3 317	3 544	3 498	4 212
Industry	0	0	0	0	717	757	754	829	863
Transport	0	0	0	0	989	1 031	1 197	1 249	1 238
Other sectors	0	0	0	0	1 397	1 529	1 593	1 420	2 110
Services	0	0	0	0	164	358	435	356	349
Households	0	0	0	0	981	1 113	1 139	1 046	1 719

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	0	0	0	0	6 003	6 183	6 767	6 754	7 478
Primary energy consumption	0	0	0	0	5 936	6 114	6 691	6 691	7 379
Final energy consumption	0	0	0	0	3 280	3 497	3 727	3 674	4 402

Source: Eurostat (nrg_bal_c)

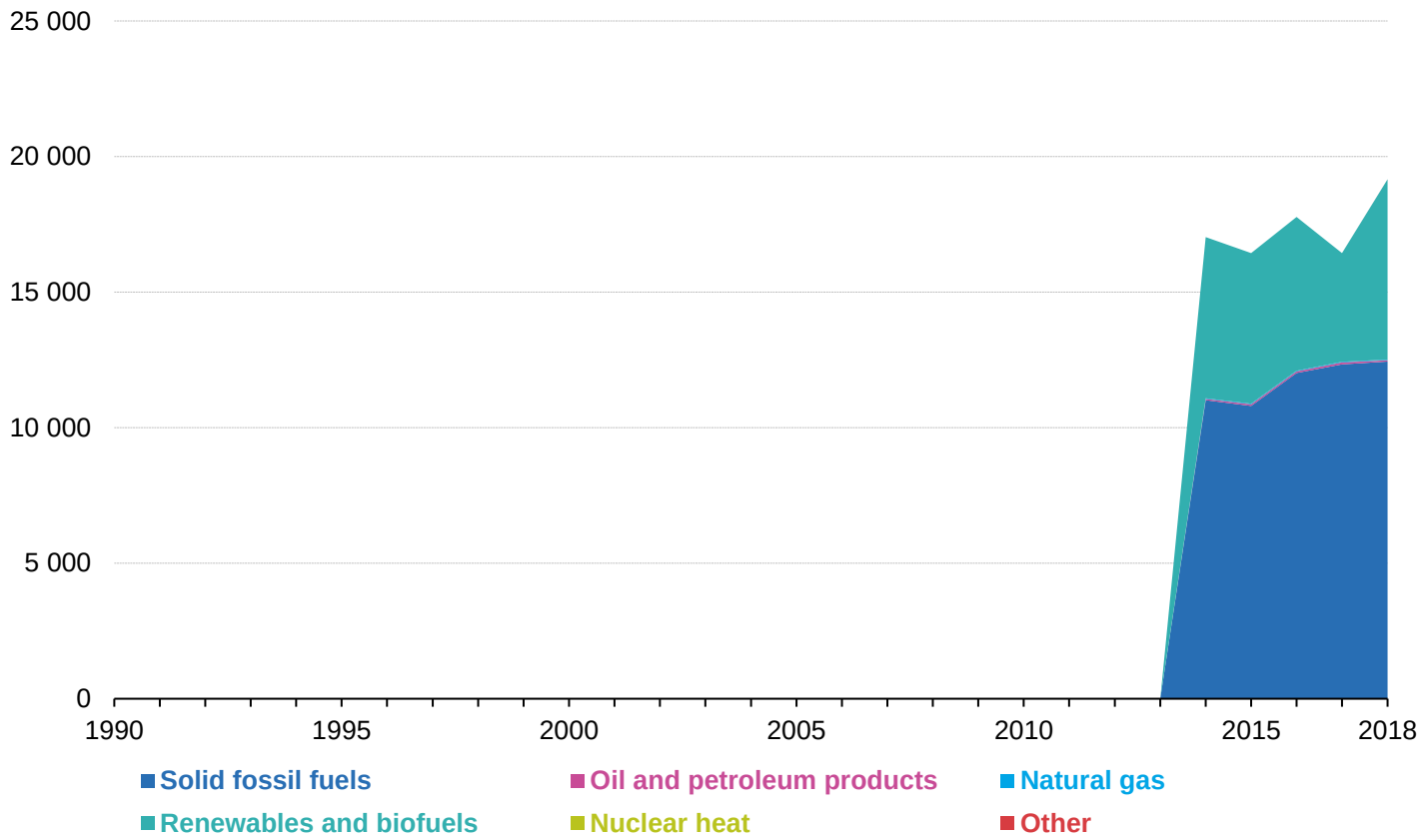
Bosnia and Herzegovina

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

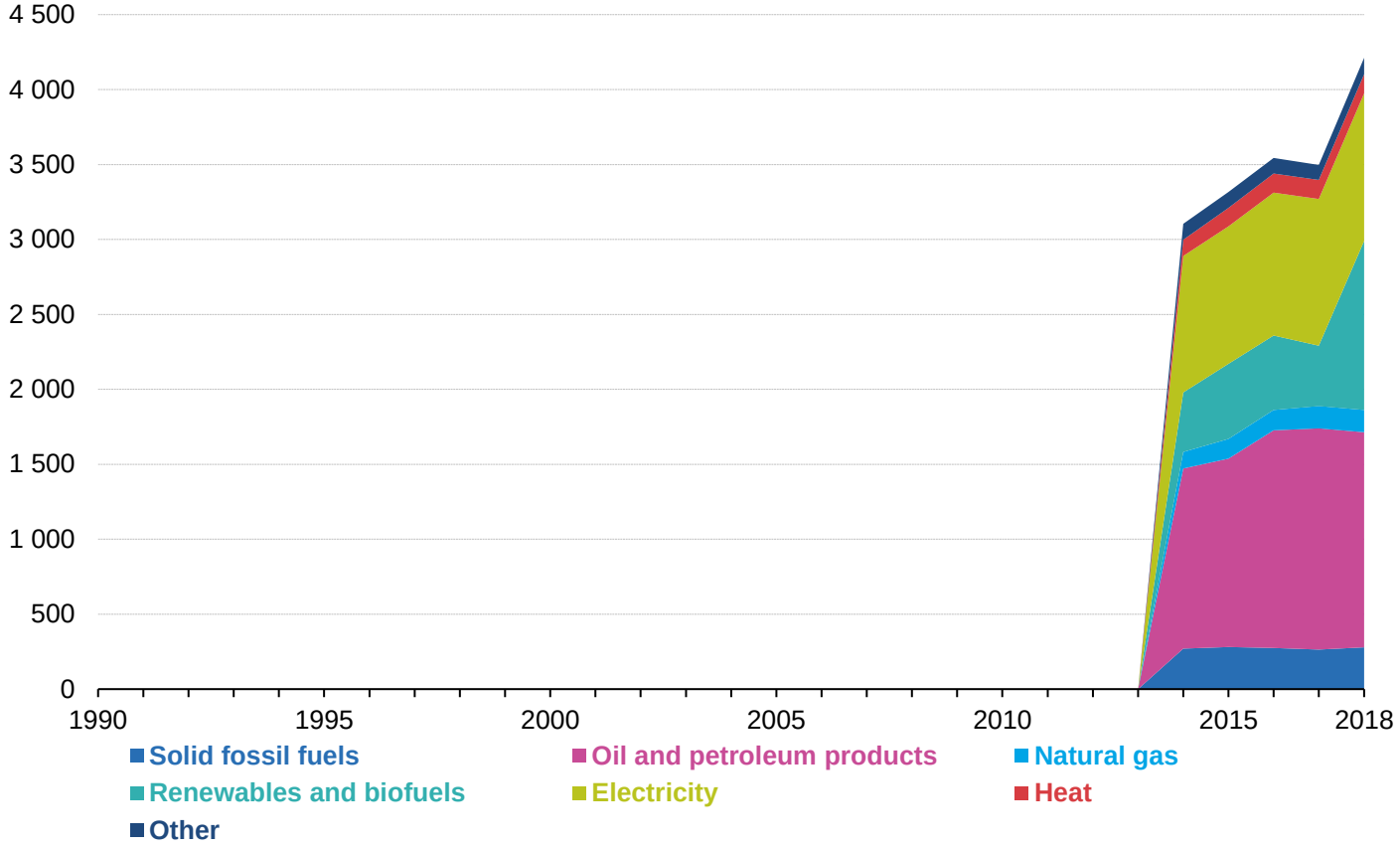


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

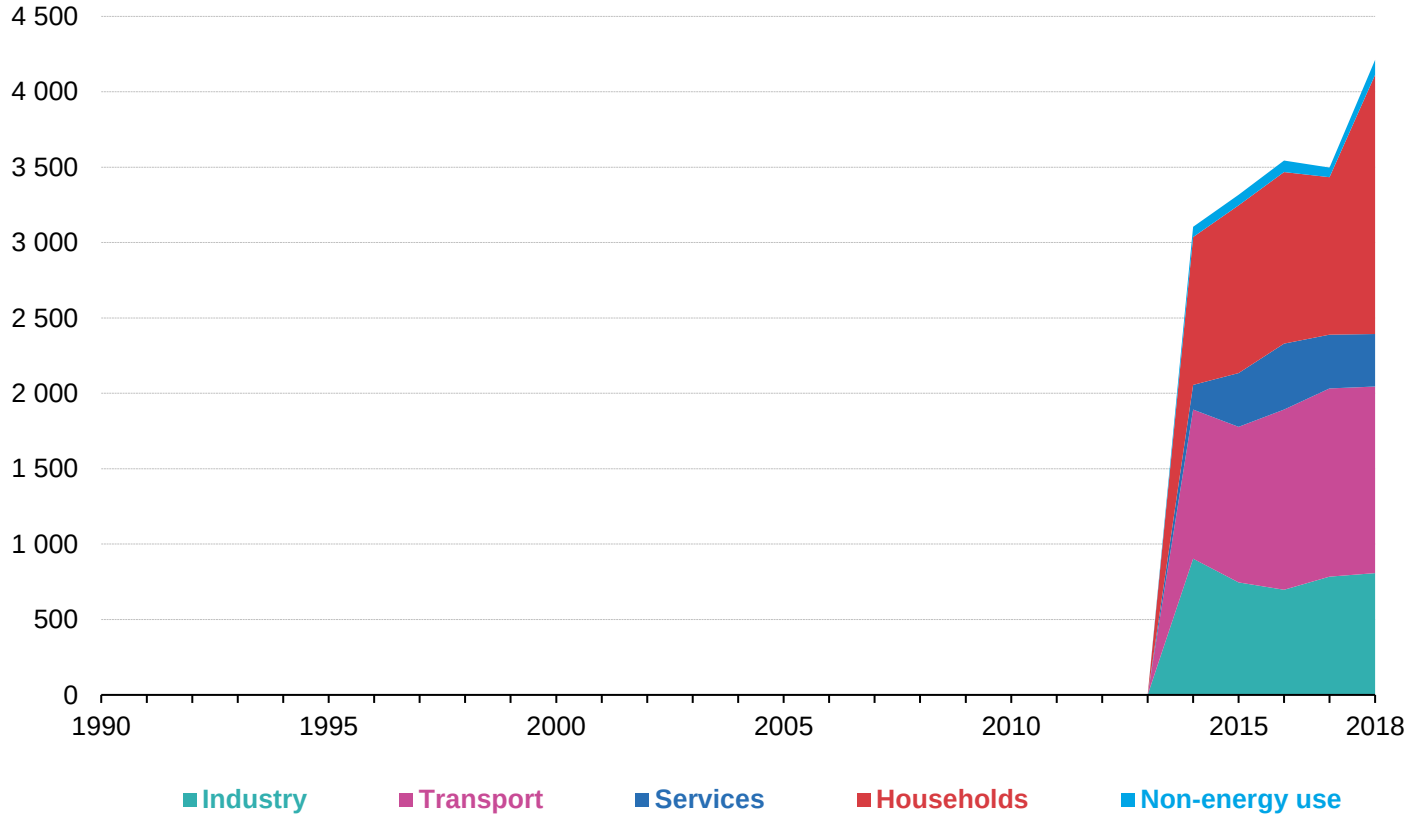
Bosnia and Herzegovina

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	0	17 023	16 438	17 767	16 438	19 160	16 987 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	11 012	10 803	12 021	12 339	12 437	10 544 E
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	0	11 012	10 803	12 021	12 339	12 437	10 544 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	31	33	22	23	25	25 E
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	0	31	33	22	23	25	25 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Fuel oil	0	45	51	59	62	47	44 E
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	0	45	51	59	62	47	44 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	0	5 935	5 551	5 641	3 987	6 519	6 081 P
Geothermal	0	0	0	0	0	0	0 P
Wind	0	0	0	0	0	103	254 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	0	0	24	21	21	30 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	0	0	0	0	1	1	1 E
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	0	0	0	0	5	7	8 E
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	5 935	5 551	5 665	4 014	6 651	6 374 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	1 339	1 274	1 238	1 270	1 457	1 372 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	11 638	11 720	13 799	14 129	14 154	13 144 P
Coke oven coke	0	407	447	428	391	429	489 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	7 063	8 254	8 592	9 292	9 260	8 919 P
Coke oven gas	0	7 528	7 215	6 867	6 527	7 632	8 079 E
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	4 369	4 412	4 380	4 197	4 615	5 259 E
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	951	928	929	856	695	0 P
Refinery intake	0	1 007	926	852	878	709	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	740	879	1 070	1 090	1 131	1 549 P
Export	0	306	243	221	258	228	29 P
Total refinery output	0	987	917	825	863	701	82 P
Gas oil and diesel oil	0	431	410	381	366	300	0 U
Motor gasoline	0	152	130	140	142	116	3 U
Fuel oil	0	143	105	70	81	57	38 U
Naphtha	0	7	10	7	7	7	1 U
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	0	254	262	227	267	220	41 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	0	19 489	24 312	24 368	20 083	50 346	49 824 E
Charcoal [kt]	0	19	20	22	16	11	17 P
Biogases [TJ]	0	0	0	0	63	97	97 E
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	0	0	0	0	0	0	0 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	0	0	0	0	0	0	0 P
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Kosovo (UNSCR 1244/99) ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	1 822.3	1 427.6	Z	0.0	0.0	0.0	0.0	394.7	0.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	826.3	2.4	0.0	0.0	0.0	743.9	0.0	9.1	0.0	Z	0.0	71.0
- Exports	69.6	1.7	0.0	0.0	0.0	9.7	0.0	0.0	0.0	Z	0.0	58.2
+ Change in stock	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
= Gross available energy	**2 584.9**	**1 434.2**	**0.0**	**0.0**	**0.0**	**734.2**	**0.0**	**403.9**	**0.0**	**0.0**	**0.0**	**12.8**
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**2 584.9**	**1 434.2**	**0.0**	**0.0**	**0.0**	**734.2**	**0.0**	**403.9**	**0.0**	**0.0**	**0.0**	**12.8**
- International aviation	3.1	Z	Z	Z	Z	3.1	Z	0.0	Z	Z	Z	Z
= Total energy supply	**2 581.9**	**1 434.2**	**0.0**	**0.0**	**0.0**	**731.1**	**0.0**	**403.9**	**0.0**	**0.0**	**0.0**	**12.8**
Transformation input	**1 451.6**	**1 421.1**	**0.0**	**0.0**	**0.0**	**4.3**	**0.0**	**26.2**	**0.0**	**0.0**	**0.0**	**0.0**
+ Electricity & heat generation	1 451.6	1 421.1	0.0	0.0	0.0	4.3	0.0	26.2	0.0	0.0	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**528.5**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**0.0**	**0.0**	**Z**	**Z**	**19.9**	**508.6**
+ Electricity & heat generation	528.5	Z	Z	Z	Z	Z	Z	Z	Z	Z	19.9	508.6
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**48.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**2.4**	**46.0**
+ Own use in electricity & heat genera	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	46.0
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	2.4	0.0
Distribution losses	**99.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**2.4**	**96.7**
Available for final consumption	**1 511.3**	**13.0**	**0.0**	**0.0**	**0.0**	**726.8**	**0.0**	**377.7**	**0.0**	**0.0**	**15.1**	**378.7**
Final non-energy consumption	**43.6**	**0.0**	**0.0**	**0.0**	**0.0**	**43.6**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**1 471.0**	**18.1**	**0.0**	**0.0**	**0.0**	**682.5**	**0.0**	**377.5**	**0.0**	**Z**	**14.8**	**378.2**
+ Industry	281.8	7.2	0.0	0.0	0.0	175.6	0.0	14.7	0.0	Z	0.0	84.2
+ Iron & steel	56.6	5.1	0.0	0.0	0.0	14.5	0.0	0.1	0.0	Z	0.0	37.0
+ Chemical & petrochemical	1.3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	Z	0.0	0.2
+ Non-ferrous metals	23.5	0.0	0.0	0.0	0.0	22.2	0.0	0.0	0.0	Z	0.0	1.3
+ Non-metallic minerals	102.7	0.0	0.0	0.0	0.0	97.5	0.0	0.4	0.0	Z	0.0	4.8
+ Transport equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Machinery	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	Z	0.0	1.0
+ Mining & quarrying	4.3	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	Z	0.0	0.0
+ Food, beverages & tobacco	50.4	2.0	0.0	0.0	0.0	11.9	0.0	6.5	0.0	Z	0.0	30.1
+ Paper, pulp & printing	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.1
+ Wood & wood products	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Construction	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Textile & leather	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (industry)	41.7	0.0	0.0	0.0	0.0	24.2	0.0	7.7	0.0	Z	0.0	9.8
+ Transport	429.9	0.0	0.0	0.0	0.0	429.9	0.0	0.0	0.0	Z	Z	0.0
+ Rail	3.5	0.0	0.0	0.0	0.0	3.5	Z	0.0	0.0	Z	Z	0.0
+ Road	426.4	Z	Z	Z	Z	426.4	0.0	0.0	0.0	Z	Z	0.0
+ Domestic aviation	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0
+ Other	759.4	10.9	0.0	0.0	0.0	77.0	0.0	362.8	0.0	Z	14.8	293.9
+ Commercial & public services	154.6	8.4	0.0	0.0	0.0	48.0	0.0	11.8	0.0	Z	5.2	81.2
+ Households	573.4	2.5	0.0	0.0	0.0	11.1	0.0	347.7	0.0	Z	9.6	202.5
+ Agriculture & forestry	31.3	0.0	0.0	0.0	0.0	17.9	0.0	3.3	0.0	Z	0.0	10.2
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**-3.4**	**-5.1**	**0.0**	**0.0**	**0.0**	**0.7**	**0.0**	**0.2**	**0.0**	**0.0**	**0.4**	**0.5**
Gross electricity production	508.6	481.6	0.0	0.0	0.0	0.9	0.0	26.2	0.0	0.0	Z	Z
Gross heat production	19.9	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	Z	18.8

Source: Eurostat (nrg_bal_c)

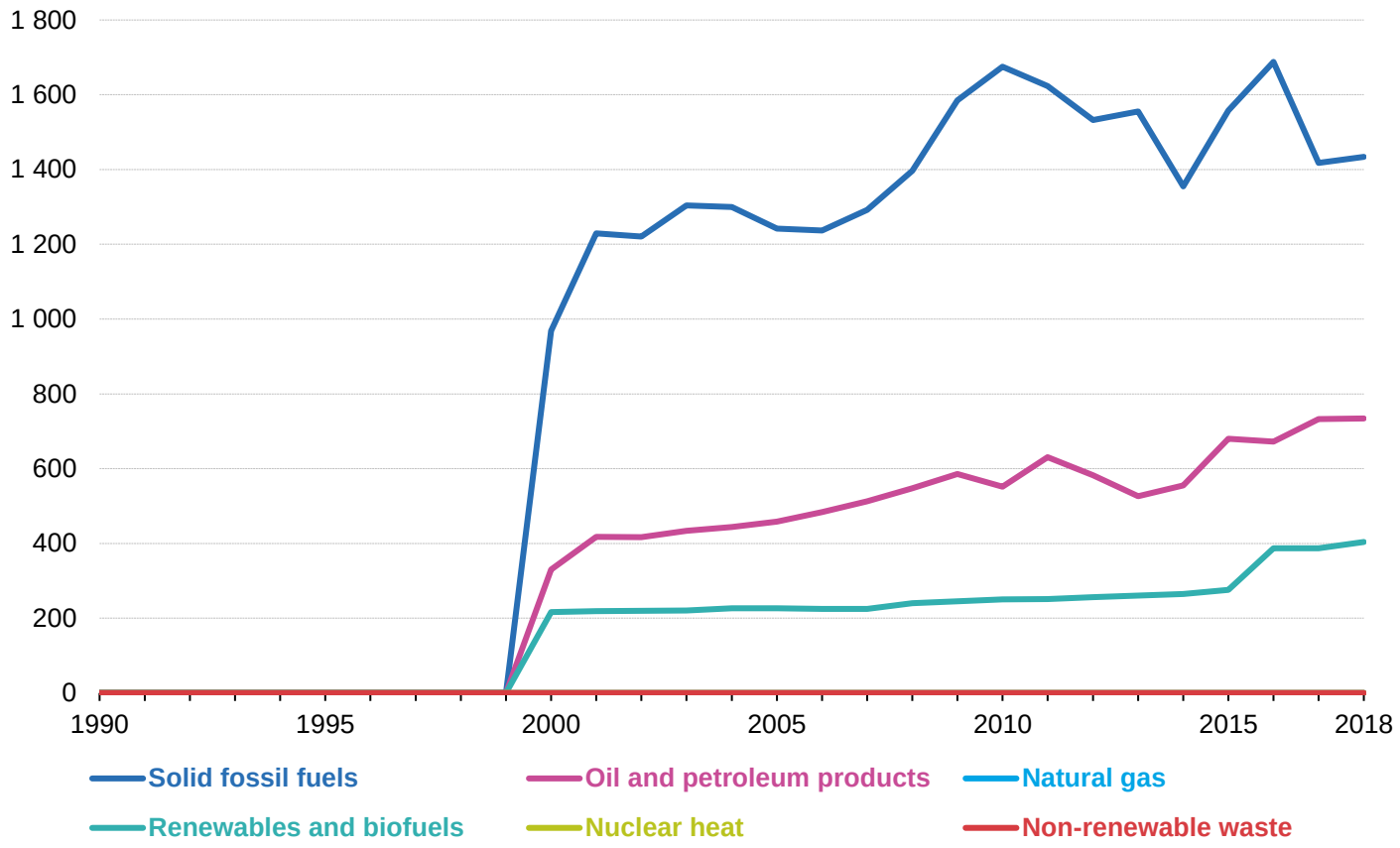
Kosovo (UNSCR 1244/99)	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	2 517	2 541	2 384	2 312	2 217	2 524	2 704	2 569	2 585
Solid fossil fuels	1 675	1 623	1 532	1 556	1 355	1 558	1 688	1 418	1 434
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Petroleum products	552	631	582	526	555	680	672	733	734
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	250	251	256	260	265	276	387	387	404
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	1 861	1 795	1 749	1 792	1 605	1 804	2 016	1 793	1 822
Solid fossil fuels	1 612	1 545	1 496	1 532	1 342	1 536	1 640	1 412	1 428
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	249	250	253	261	263	268	375	381	395
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	619	699	650	505	603	697	638	769	757
Solid fossil fuels	26	31	51	9	3	-2	-2	0	1
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	292	312	319	261	340	399	440	467	499
Motor Gasoline (w/o bio)	83	79	72	68	70	70	73	67	62
Naphtha	0	0	0	0	0	0	0	0	0
LPG	50	51	47	40	34	38	38	36	34
All other oil & petroleum products	552	631	582	526	555	680	672	733	734
Natural gas	0	0	0	0	0	0	0	0	0
Transformation input	1 624	1 588	1 482	1 531	1 328	1 535	1 615	1 353	1 452
Electricity & heat generation	1 624	1 562	1 482	1 531	1 328	1 535	1 615	1 353	1 452
Refinery intake	0	13	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	450	526	516	566	473	540	533	528	528
Electricity & heat generation	450	503	516	566	473	540	533	528	528
Refinery output	0	10	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	52	64	63	58	38	55	39	55	48
Distribution losses	81	82	81	76	71	88	104	116	99
Available for final consumption	1 197	1 321	1 259	1 197	1 251	1 382	1 475	1 567	1 511
Solid fossil fuels	77	83	70	47	51	40	100	86	13
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	290	307	315	259	338	397	437	465	498
Motor Gasoline (w/o bio)	83	79	72	68	70	70	73	67	62
Naphtha	0	0	0	0	0	0	0	0	0
LPG	50	51	47	40	34	38	38	36	34
All other oil & petroleum products	527	599	553	499	543	670	662	722	727
Natural gas	0	0	0	0	0	0	0	0	0
Primary solid biofuels & charcoal	236	242	247	248	251	263	366	371	377
Liquid biofuels	0	0	0	0	0	0	0	0	0
All other renewable energies	237	242	248	248	252	264	366	371	378
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	353	394	385	399	402	398	333	374	379
Heat	4	3	3	4	4	10	14	15	15
Statistical difference	-1	4	0	-13	-13	-7	1	11	-3
Final non-energy consumption	7	51	39	43	34	48	41	40	44
Final energy consumption	1 191	1 266	1 219	1 168	1 231	1 340	1 433	1 516	1 471
Industry	278	308	274	263	245	307	281	313	282
Transport	320	331	333	270	344	380	396	410	430
Other sectors	594	628	612	634	641	652	756	793	759
Services	112	118	118	115	139	148	177	192	155
Households	462	491	474	494	480	476	549	571	573

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	2 517	2 541	2 384	2 312	2 217	2 524	2 704	2 569	2 585
Primary energy consumption	2 510	2 490	2 345	2 270	2 184	2 476	2 662	2 528	2 541
Final energy consumption	1 203	1 279	1 234	1 184	1 233	1 344	1 437	1 522	1 474

Source: Eurostat (nrg_bal_c)

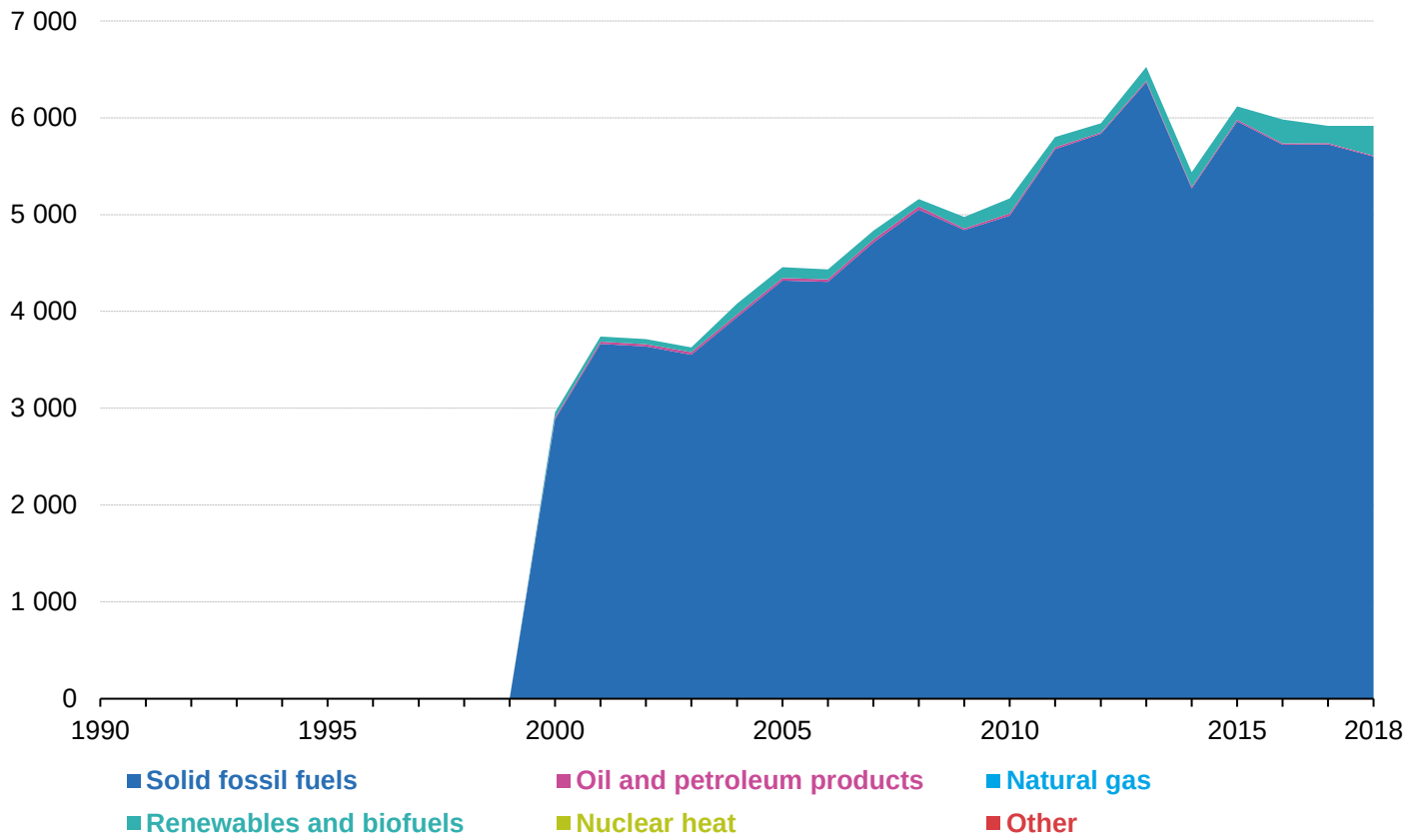
Kosovo (UNSCR 1244/99)

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

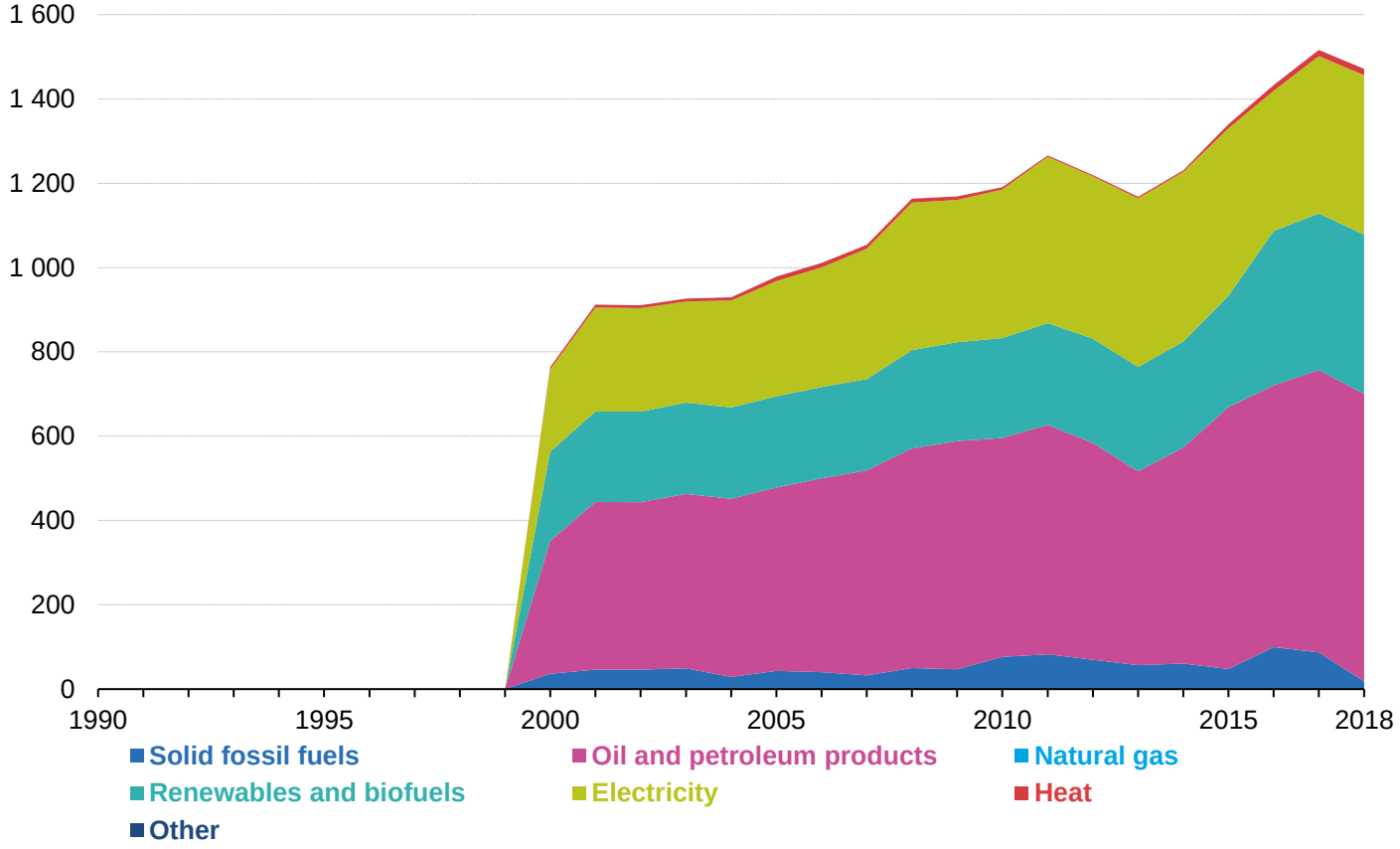


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

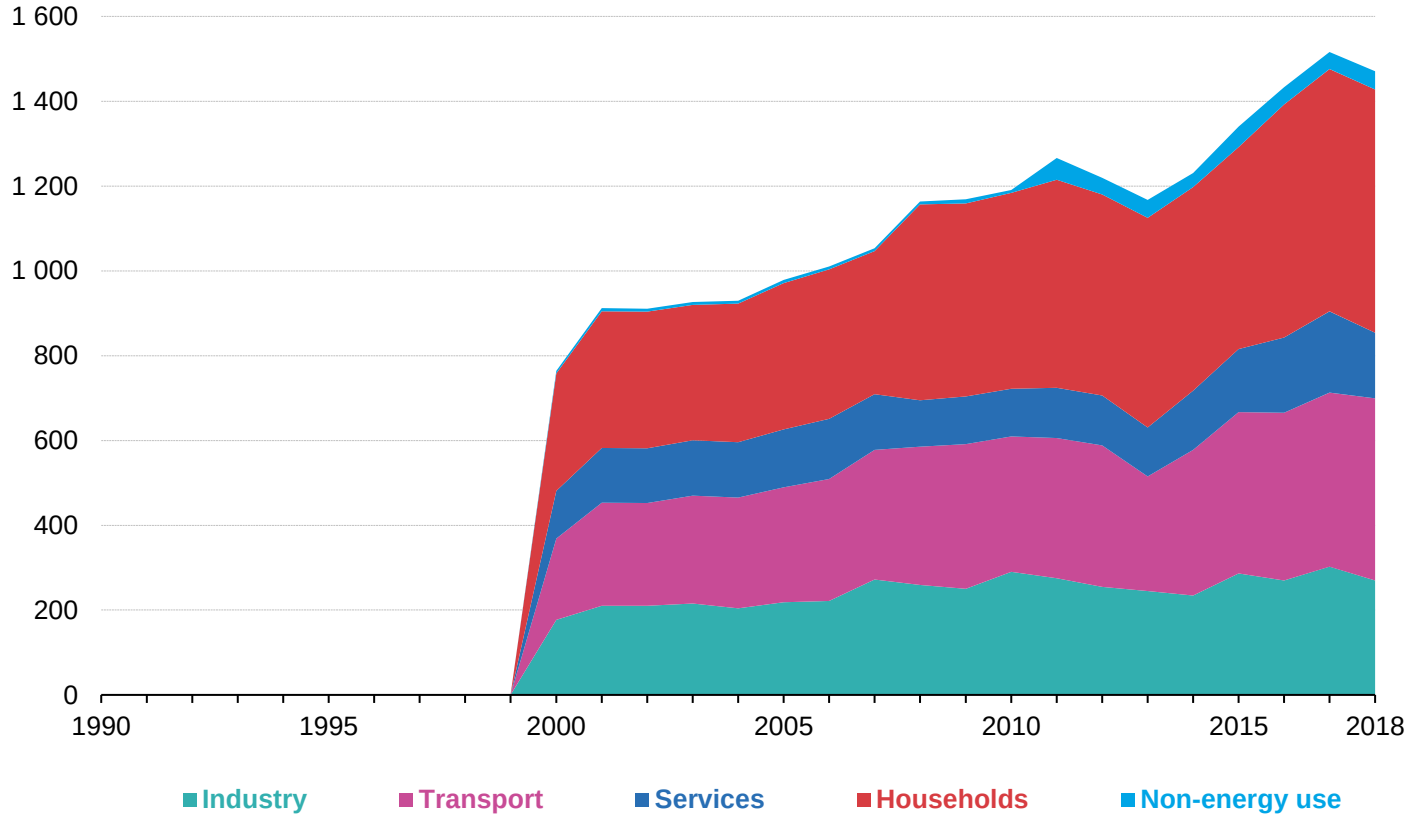
Kosovo (UNSCR 1244/99)

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	6 525	5 436	6 119	5 981	5 918	5 915	6 348 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	6 367	5 270	5 964	5 721	5 726	5 601	6 037 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	6 367	5 270	5 964	5 721	5 726	5 601	6 037 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	0	0	0 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	9	9	9	9	8	7	0 P
Fuel oil	6	6	6	6	5	4	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	15	15	15	15	12	10	0 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	143	151	140	245	179	273	210 P
Geothermal	0	0	0	0	0	0	0 P
Wind	0	0	0	0	0	30	91 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	0	0	0	1	2	10 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	0	0	0	0	0	0	0 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	0	0	0	0	0	0	0 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	143	151	140	245	180	304	312 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	1	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	21	14	12	2	2	0	1 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	8 287	7 232	8 324	9 052	7 602	7 692	8 061 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	0	0	0	0	0	0	0 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	0	0	0	0	0	0 P
Refinery intake	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	599	558	704	683	760	764	602 P
Export	1	2	10	11	3	12	0 P
Total refinery output	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Motor gasoline	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	10 369	10 521	11 028	15 319	15 536	15 797	15 956 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	0	0	0	0	0	0	0 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	0	0	0	0	0	0	0 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	12	13	14	14	14	15	15 P
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Moldova ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	797.8	0.0	Z	0.0	0.0	5.1	0.1	792.6	0.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	2 246.0	86.9	0.0	0.0	0.0	1 033.9	822.2	2.0	0.0	Z	0.0	300.9
- Exports	27.3	0.0	0.0	0.0	0.0	27.3	0.0	0.0	0.0	Z	0.0	0.0
+ Change in stock	-9.7	-4.1	0.0	0.0	0.0	-0.9	-2.1	-2.6	0.0	Z	Z	Z
= Gross available energy	**3 006.8**	**82.8**	**0.0**	**0.0**	**0.0**	**1 010.8**	**820.2**	**792.1**	**0.0**	**0.0**	**0.0**	**300.9**
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**3 006.8**	**82.8**	**0.0**	**0.0**	**0.0**	**1 010.8**	**820.2**	**792.1**	**0.0**	**0.0**	**0.0**	**300.9**
- International aviation	59.5	Z	Z	Z	Z	59.5	Z	0.0	Z	Z	Z	Z
= Total energy supply	**2 947.4**	**82.8**	**0.0**	**0.0**	**0.0**	**951.3**	**820.2**	**792.1**	**0.0**	**0.0**	**0.0**	**300.9**
Transformation input	**394.3**	**1.3**	**0.0**	**0.0**	**0.0**	**22.7**	**342.4**	**27.9**	**0.0**	**0.0**	**0.0**	**0.0**
+ Electricity & heat generation	378.1	1.3	0.0	0.0	0.0	7.7	342.4	26.7	0.0	0.0	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	15.0	Z	Z	Z	Z	15.0	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	1.2	Z	Z	Z	Z	Z	Z	1.2	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**351.4**	**0.0**	**0.0**	**0.0**	**Z**	**14.5**	**0.0**	**0.3**	**Z**	**Z**	**254.6**	**82.0**
+ Electricity & heat generation	336.6	Z	Z	Z	Z	Z	Z	Z	Z	Z	254.6	82.0
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	14.5	Z	Z	Z	Z	14.5	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.3	Z	Z	Z	Z	Z	Z	0.3	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**16.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**1.7**	**14.8**
+ Own use in electricity & heat genera	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	11.4
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.3	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	1.4	3.4
Distribution losses	**119.9**	**0.0**	**0.0**	**0.0**	**0.0**	**3.2**	**40.0**	**0.0**	**0.0**	**Z**	**38.8**	**37.9**
Available for final consumption	**2 768.0**	**81.5**	**0.0**	**0.0**	**0.0**	**940.0**	**437.7**	**764.4**	**0.0**	**0.0**	**214.1**	**330.3**
Final non-energy consumption	**65.7**	**0.0**	**0.0**	**0.0**	**0.0**	**65.7**	**0.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**2 702.3**	**81.5**	**0.0**	**0.0**	**0.0**	**874.3**	**437.7**	**764.4**	**0.0**	**Z**	**214.1**	**330.3**
+ Industry	248.9	25.0	0.0	0.0	0.0	40.1	68.8	1.6	0.0	Z	47.1	66.3
+ Iron & steel	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.2
+ Chemical & petrochemical	8.6	0.0	0.0	0.0	0.0	3.0	0.6	0.1	0.0	Z	1.3	3.6
+ Non-ferrous metals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Non-metallic minerals	98.8	23.1	0.0	0.0	0.0	25.4	38.2	0.0	0.0	Z	0.0	12.1
+ Transport equipment	0.9	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	Z	0.0	0.7
+ Machinery	5.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	Z	0.3	4.2
+ Mining & quarrying	4.8	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	Z	0.0	1.3
+ Food, beverages & tobacco	105.6	1.9	0.0	0.0	0.0	1.1	25.5	1.2	0.0	Z	43.2	32.7
+ Paper, pulp & printing	2.8	0.0	0.0	0.0	0.0	0.0	1.1	0.1	0.0	Z	0.5	1.1
+ Wood & wood products	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	Z	0.0	0.8
+ Construction	8.8	0.0	0.0	0.0	0.0	7.1	0.8	0.0	0.0	Z	0.0	0.9
+ Textile & leather	7.2	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	Z	1.7	4.4
+ Not elsewhere specified (industry)	5.2	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	Z	0.1	4.3
+ Transport	699.9	0.0	0.0	0.0	0.0	671.4	22.3	0.0	0.0	Z	Z	6.2
+ Rail	5.7	0.0	0.0	0.0	0.0	5.7	Z	0.0	0.0	Z	Z	0.0
+ Road	680.6	Z	Z	Z	Z	664.3	16.4	0.0	0.0	Z	Z	0.0
+ Domestic aviation	0.0	Z	Z	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.4	0.0	0.0	0.0	0.0	0.4	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	8.2	Z	Z	Z	Z	0.0	5.9	0.0	Z	Z	Z	2.2
+ Not elsewhere specified (transport	5.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	Z	Z	4.0
+ Other	1 753.5	56.5	0.0	0.0	0.0	162.8	346.7	762.8	0.0	Z	167.0	257.8
+ Commercial & public services	273.3	18.9	0.0	0.0	0.0	0.5	86.0	12.3	0.0	Z	44.6	111.0
+ Households	1 356.9	36.4	0.0	0.0	0.0	62.7	258.0	736.2	0.0	Z	122.3	141.2
+ Agriculture & forestry	110.2	1.3	0.0	0.0	0.0	99.6	2.6	1.1	0.0	Z	0.0	5.6
+ Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	13.1	0.0	0.0	0.0	0.0	0.0	0.0	13.1	0.0	Z	0.0	0.0
Statistical differences	**-0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**-0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	82.0	0.0	0.0	0.0	0.0	0.7	72.7	8.6	0.0	0.0	Z	Z
Gross heat production	254.6	1.2	0.0	0.0	0.0	4.8	239.3	9.3	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

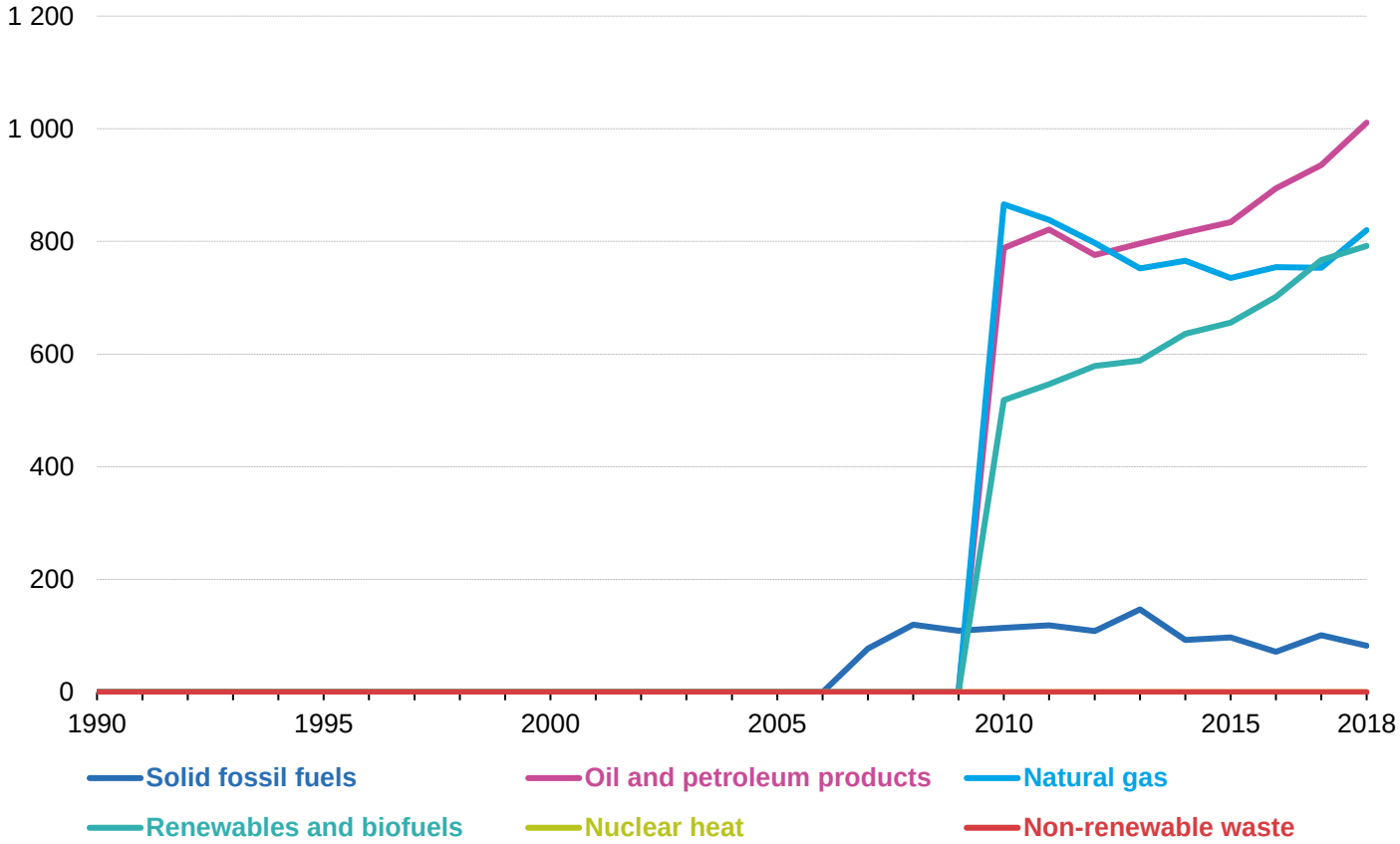
Moldova	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	2 548	2 596	2 543	2 570	2 598	2 608	2 708	2 850	3 007
Solid fossil fuels	114	119	109	147	93	97	72	101	83
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	12	12	11	11	9	7	7	4	5
Petroleum products	789	821	776	796	816	834	894	935	1 011
Natural gas	866	838	797	752	766	735	755	753	820
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	519	547	579	588	636	656	702	767	792
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	523	556	594	599	655	657	706	769	798
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	11	13	11	10	8	7	6	5	5
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	512	543	583	589	647	649	700	764	793
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	1 976	2 055	1 938	1 976	1 930	1 955	2 004	2 086	2 219
Solid fossil fuels	111	124	105	152	86	95	57	116	87
Crude oil	0	0	0	1	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	411	457	408	461	465	527	557	582	596
Motor Gasoline (w/o bio)	197	224	170	171	160	171	173	171	176
Naphtha	0	0	0	0	0	0	0	0	0
LPG	73	86	80	88	87	81	85	79	79
All other oil & petroleum products	742	822	754	788	793	843	905	923	1 007
Natural gas	865	839	797	751	766	734	756	752	822
Transformation input	465	432	413	408	418	378	398	383	394
Electricity & heat generation	435	405	383	377	388	361	369	356	378
Refinery intake	21	19	18	20	19	11	17	15	10
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	409	385	365	361	361	336	357	348	351
Electricity & heat generation	379	360	340	332	333	320	331	322	337
Refinery output	20	19	18	18	17	11	15	14	10
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	30	30	26	14	16	17	17	17	17
Distribution losses	135	124	124	139	146	125	123	123	120
Available for final consumption	2 307	2 376	2 321	2 348	2 354	2 399	2 494	2 626	2 768
Solid fossil fuels	112	117	107	138	90	95	69	100	82
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	428	456	406	447	469	510	546	581	595
Motor Gasoline (w/o bio)	208	219	178	170	168	169	173	168	176
Naphtha	0	0	0	0	0	0	0	0	0
LPG	73	76	84	84	87	83	85	78	77
All other oil & petroleum products	744	781	732	755	775	800	844	874	940
Natural gas	430	425	396	351	348	354	376	386	438
Primary solid biofuels & charcoal	499	530	570	576	617	630	678	744	763
Liquid biofuels	0	0	0	0	0	0	0	0	0
All other renewable energies	499	530	570	577	617	631	679	745	764
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	283	291	298	313	314	317	311	318	330
Heat	239	232	218	214	210	202	214	204	214
Statistical difference	0	0	-1	1	0	0	0	0	0
Final non-energy consumption	30	30	44	43	49	37	37	36	66
Final energy consumption	2 277	2 346	2 278	2 304	2 305	2 362	2 458	2 590	2 702
Industry	225	232	235	250	227	212	196	212	249
Transport	587	628	554	580	600	653	682	688	700
Other sectors	1 465	1 486	1 490	1 473	1 477	1 497	1 579	1 690	1 754
Services	273	271	270	258	238	246	259	256	273
Households	1 114	1 139	1 157	1 149	1 171	1 180	1 234	1 317	1 357

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	2 548	2 596	2 543	2 570	2 598	2 608	2 708	2 850	3 007
Primary energy consumption	2 518	2 566	2 498	2 527	2 549	2 571	2 672	2 814	2 941
Final energy consumption	2 296	2 366	2 301	2 326	2 331	2 387	2 491	2 638	2 762

Source: Eurostat (nrg_bal_c)

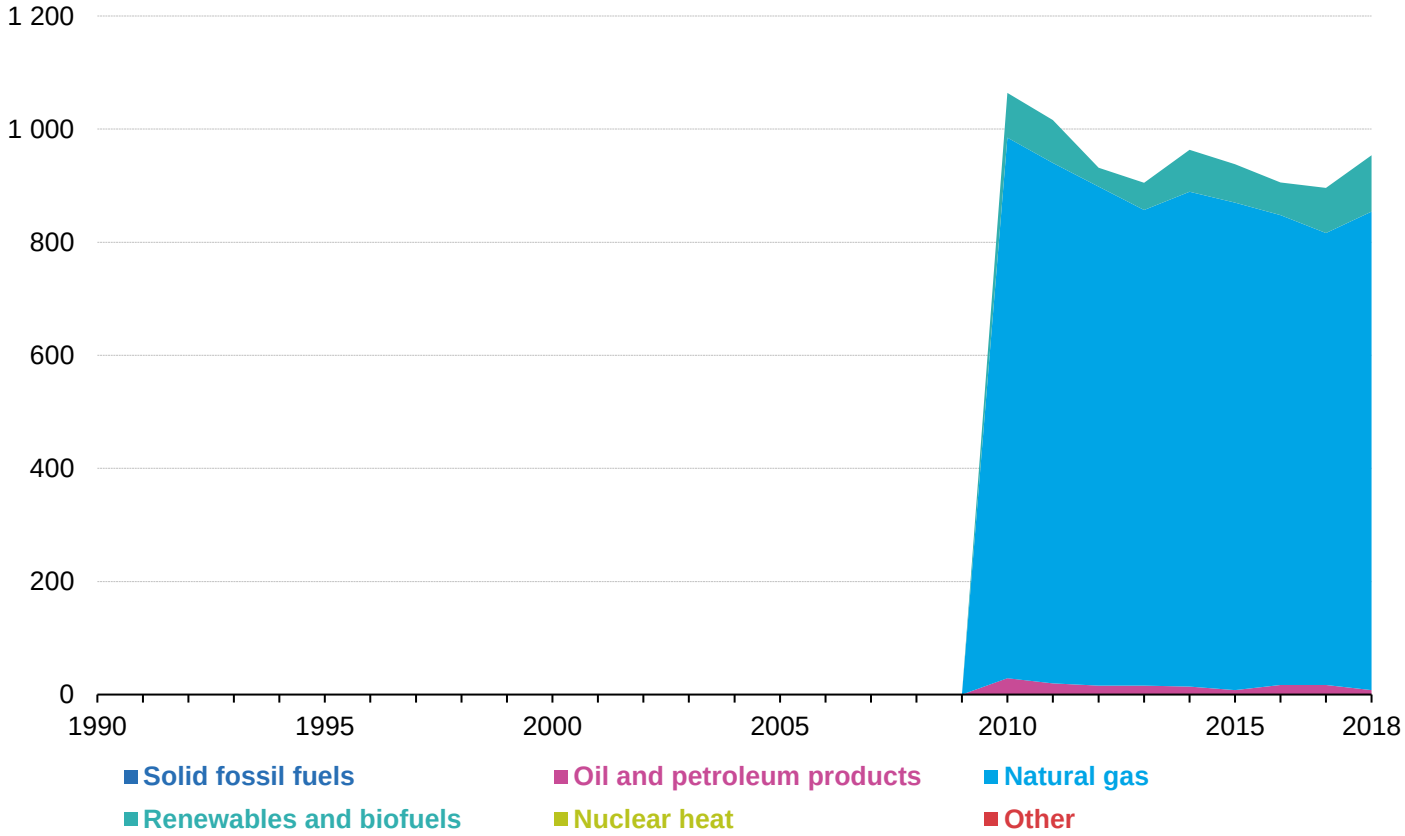
Moldova

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

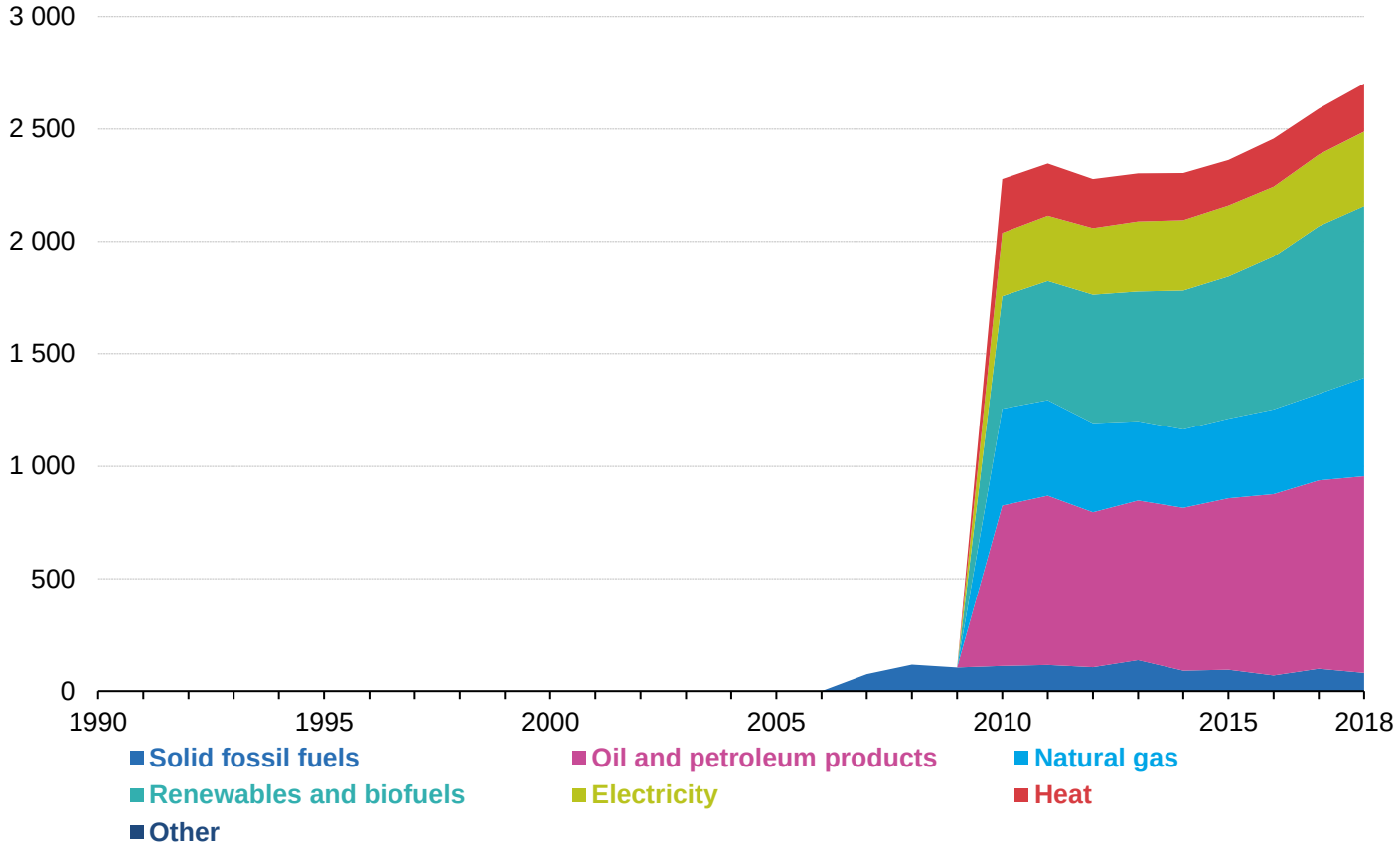


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

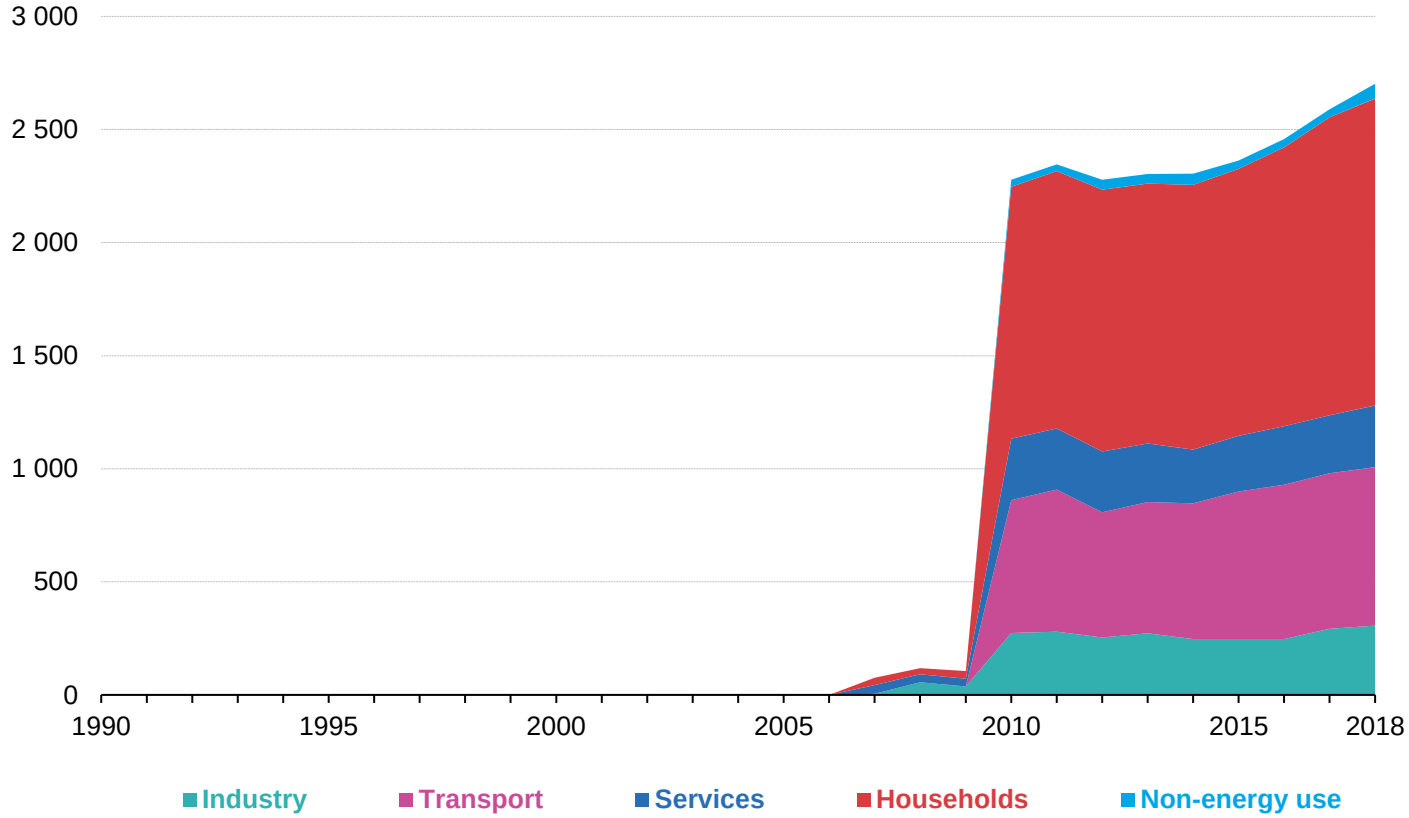
Moldova

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	905	963	939	906	896	954	938 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	841	875	862	831	799	846	795 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	841	875	862	831	799	846	795 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	1	1	1	1	1	1	1 P
Fuel oil	15	13	7	16	16	7	3 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	16	14	8	17	17	8	4 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	45	59	50	39	48	44	65 P
Geothermal	0	0	0	0	0	0	0 P
Wind	1	1	2	3	7	23	43 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	1	2	2	2	3	0 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	0	0	0	0	0	0	0 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	2	13	15	14	23	30	31 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	48	74	69	58	80	100	139 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	232	116	90	81	122	90	110 P
Coking coal	0	0	0	0	0	2	0 P
Other bituminous coal	18	42	81	44	54	39	41 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	2	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	6	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	1	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	34 991	35 614	34 197	35 105	35 062	38 157	36 075 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1	0	0	0	0	0	0 P
Refinery intake	21	19	11	17	15	10	7 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	789	781	831	899	937	1 015	1 031 P
Export	33	18	14	16	35	27	12 P
Total refinery output	19	18	11	16	15	10	5 P
Gas oil and diesel oil	1	1	0	2	1	2	0 P
Motor gasoline	0	0	0	0	0	0	0 P
Fuel oil	16	16	11	13	11	6	4 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	2	1	0	1	3	2	2 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	24 434	26 237	26 864	28 852	31 616	32 570	0 P
Charcoal [kt]	1	1	1	1	1	1	0 P
Biogases [TJ]	36	178	401	361	282	313	292 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	0	0	0	0	0	0	0 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	0 P
Solar thermal	0	0	0	0	0	0	0 P
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Ukraine ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	60 886.7	14 338.0	Z	125.2	0.0	2 341.4	16 486.7	4 820.5	0.0	22 234.8	540.0	Z
+ Recovered & recycled products	92.4	92.4	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	33 794.4	13 801.1	0.0	5.1	0.0	11 488.0	8 459.1	38.3	0.0	Z	0.0	2.8
- Exports	1 447.2	56.0	0.0	4.4	0.0	335.2	0.0	527.2	0.0	Z	0.0	524.4
+ Change in stock	524.9	-218.4	0.0	-28.4	0.0	78.1	707.1	-13.5	0.0	Z	Z	Z
= Gross available energy	**93 851.2**	**27 957.2**	**0.0**	**97.5**	**0.0**	**13 572.4**	**25 652.9**	**4 318.0**	**0.0**	**22 234.8**	**540.0**	**-521.7**
- International maritime bunkers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**93 851.2**	**27 957.2**	**0.0**	**97.5**	**0.0**	**13 572.4**	**25 652.9**	**4 318.0**	**0.0**	**22 234.8**	**540.0**	**-521.7**
- International aviation	300.0	Z	Z	Z	Z	300.0	Z	0.0	Z	Z	Z	Z
= Total energy supply	**93 551.2**	**27 957.2**	**0.0**	**97.5**	**0.0**	**13 272.4**	**25 652.9**	**4 318.0**	**0.0**	**22 234.8**	**540.0**	**-521.7**
Transformation input	**71 115.7**	**30 751.3**	**1 268.5**	**155.6**	**0.0**	**4 812.5**	**8 536.1**	**2 551.5**	**0.0**	**22 234.8**	**669.6**	**135.8**
+ Electricity & heat generation	49 347.4	14 210.6	1 175.2	41.9	0.0	324.8	8 536.1	2 018.7	0.0	22 234.8	669.6	135.8
+ Coke ovens	11 063.3	10 970.0	93.3	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	5 323.2	5 323.2	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	37.2	37.2	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	4 487.7	Z	Z	Z	Z	4 487.7	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	92.4	92.4	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	113.6	0.0	0.0	113.6	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	37.2	Z	Z	Z	Z	Z	Z	37.2	Z	Z	Z	Z
+ Charcoal production plants	495.6	Z	Z	Z	Z	Z	Z	495.6	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	118.0	118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**38 064.2**	**7 071.4**	**4 012.3**	**171.6**	**Z**	**3 060.2**	**0.0**	**178.7**	**Z**	**Z**	**9 825.3**	**13 744.7**
+ Electricity & heat generation	23 570.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	9 825.3	13 744.7
+ Coke ovens	8 695.6	7 071.4	1 624.2	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	2 388.1	0.0	2 388.1	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	2 942.2	Z	Z	Z	Z	2 942.2	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	171.6	0.0	Z	171.6	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	37.2	Z	Z	Z	Z	Z	Z	37.2	Z	Z	Z	Z
+ Charcoal production plants	141.4	Z	Z	Z	Z	Z	Z	141.4	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	118.0	0.0	0.0	0.0	Z	118.0	Z	Z	Z	Z	Z	Z
Energy sector	**4 151.0**	**98.0**	**538.1**	**4.2**	**0.0**	**48.3**	**923.9**	**0.0**	**0.0**	**Z**	**1 115.3**	**1 423.4**
+ Own use in electricity & heat genera	1 806.2	96.9	0.0	0.0	0.0	2.0	15.2	0.0	0.0	Z	595.4	1 096.8
+ Coal mines	279.4	1.1	0.0	0.0	0.0	1.0	0.0	0.0	0.0	Z	85.1	192.2
+ Oil & natural gas extraction plants	814.2	Z	Z	Z	Z	8.0	710.6	0.0	Z	Z	49.6	46.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	606.5	0.0	317.9	0.0	0.0	1.0	0.0	0.0	0.0	Z	250.0	37.7
+ BKB & PB plants	4.2	0.0	0.0	4.2	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	123.2	0.0	0.0	0.0	0.0	0.0	105.6	0.0	0.0	Z	12.6	5.1
+ Blast furnaces	220.1	0.0	220.1	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	293.4	0.0	0.0	0.0	0.0	36.2	88.9	0.0	0.0	Z	122.6	45.7
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	3.7	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	Z	0.0	0.0
Distribution losses	**3 509.0**	**2.6**	**405.1**	**0.2**	**0.0**	**5.0**	**577.5**	**0.0**	**0.0**	**Z**	**1 057.1**	**1 461.4**
Available for final consumption	**52 839.7**	**4 176.7**	**1 800.7**	**109.1**	**0.0**	**11 466.8**	**15 615.4**	**1 945.2**	**0.0**	**0.0**	**7 523.3**	**10 202.5**
Final non-energy consumption	**2 623.6**	**527.6**	**3.1**	**0.0**	**0.0**	**1 229.9**	**863.0**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**48 418.0**	**3 973.6**	**1 797.6**	**109.1**	**0.0**	**9 149.1**	**13 717.5**	**1 945.2**	**0.0**	**Z**	**7 523.3**	**10 202.7**
+ Industry	16 416.2	3 300.0	1 797.6	3.6	0.0	441.7	2 855.7	28.1	0.0	Z	3 541.7	4 447.7
+ Iron & steel	8 571.3	2 515.1	1 797.6	1.2	0.0	76.6	1 409.6	2.2	0.0	Z	1 249.8	1 519.3
+ Chemical & petrochemical	995.1	2.8	0.0	0.0	0.0	2.0	211.0	0.5	0.0	Z	511.1	267.8
+ Non-ferrous metals	687.4	101.7	0.0	0.0	0.0	26.0	146.7	0.0	0.0	Z	274.6	138.4
+ Non-metallic minerals	1 296.5	547.8	0.0	1.1	0.0	32.9	419.2	1.1	0.0	Z	73.3	221.2
+ Transport equipment	160.1	0.0	0.0	0.0	0.0	8.0	21.6	0.5	0.0	Z	52.7	77.2
+ Machinery	616.8	4.6	0.0	0.0	0.0	10.5	143.7	8.4	0.0	Z	98.4	351.2
+ Mining & quarrying	1 451.2	97.3	0.0	0.4	0.0	160.8	289.9	1.2	0.0	Z	89.7	812.0
+ Food, beverages & tobacco	1 478.8	28.7	0.0	1.1	0.0	19.7	170.5	6.2	0.0	Z	862.6	390.0
+ Paper, pulp & printing	263.7	0.0	0.0	0.0	0.0	1.0	21.1	0.1	0.0	Z	153.8	87.6
+ Wood & wood products	186.2	0.0	0.0	0.0	0.0	10.2	1.3	5.8	0.0	Z	98.8	70.1
+ Construction	191.4	1.6	0.0	0.0	0.0	81.9	8.4	0.9	0.0	Z	15.8	82.9
+ Textile & leather	64.8	0.0	0.0	0.0	0.0	3.9	6.3	0.8	0.0	Z	22.1	31.7
+ Not elsewhere specified (industry)	452.8	0.5	0.0	0.0	0.0	8.2	6.5	0.5	0.0	Z	39.0	398.2
+ Transport	9 418.1	5.3	0.0	0.0	0.0	7 358.0	1 419.6	37.2	0.0	Z	Z	598.0
+ Rail	602.2	4.7	0.0	0.0	0.0	136.0	Z	0.0	0.0	Z	Z	461.5
+ Road	7 233.5	Z	Z	Z	Z	7 173.5	22.8	37.2	0.0	Z	Z	0.0
+ Domestic aviation	6.2	Z	Z	Z	Z	6.2	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	37.3	0.0	0.0	0.0	0.0	37.3	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	1 449.8	Z	Z	Z	Z	5.0	1 396.5	0.0	Z	Z	Z	48.2
+ Not elsewhere specified (transport	89.1	0.5	0.0	0.0	0.0	0.0	0.3	0.0	0.0	Z	Z	88.3
+ Other	22 583.7	668.4	0.0	105.5	0.0	1 349.4	9 442.2	1 879.8	0.0	Z	3 981.5	5 156.9
+ Commercial & public services	4 699.4	479.2	0.0	6.7	0.0	113.1	844.8	33.1	0.0	Z	1 491.4	1 731.2
+ Households	16 007.3	182.5	0.0	98.5	0.0	75.8	8 478.1	1 809.9	0.0	Z	2 271.5	3 090.9
+ Agriculture & forestry	1 873.6	6.7	0.0	0.4	0.0	1 159.5	119.2	36.7	0.0	Z	218.5	332.6
+ Fishing	3.4	0.0	0.0	0.0	0.0	1.0	0.1	0.0	0.0	Z	0.1	2.2
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	**1 798.1**	**-324.5**	**0.0**	**0.0**	**0.0**	**1 087.8**	**1 035.0**	**0.0**	**0.0**	**0.0**	**0.0**	**-0.1**
Gross electricity production	13 741.5	4 103.2	110.7	1.3	0.0	105.0	908.9	1 255.5	0.0	7 256.9	Z	Z
Gross heat production	9 291.7	927.8	693.4	27.4	0.0	79.3	6 612.7	763.9	0.0	154.7	Z	32.4

Source: Eurostat (nrg_bal_c)

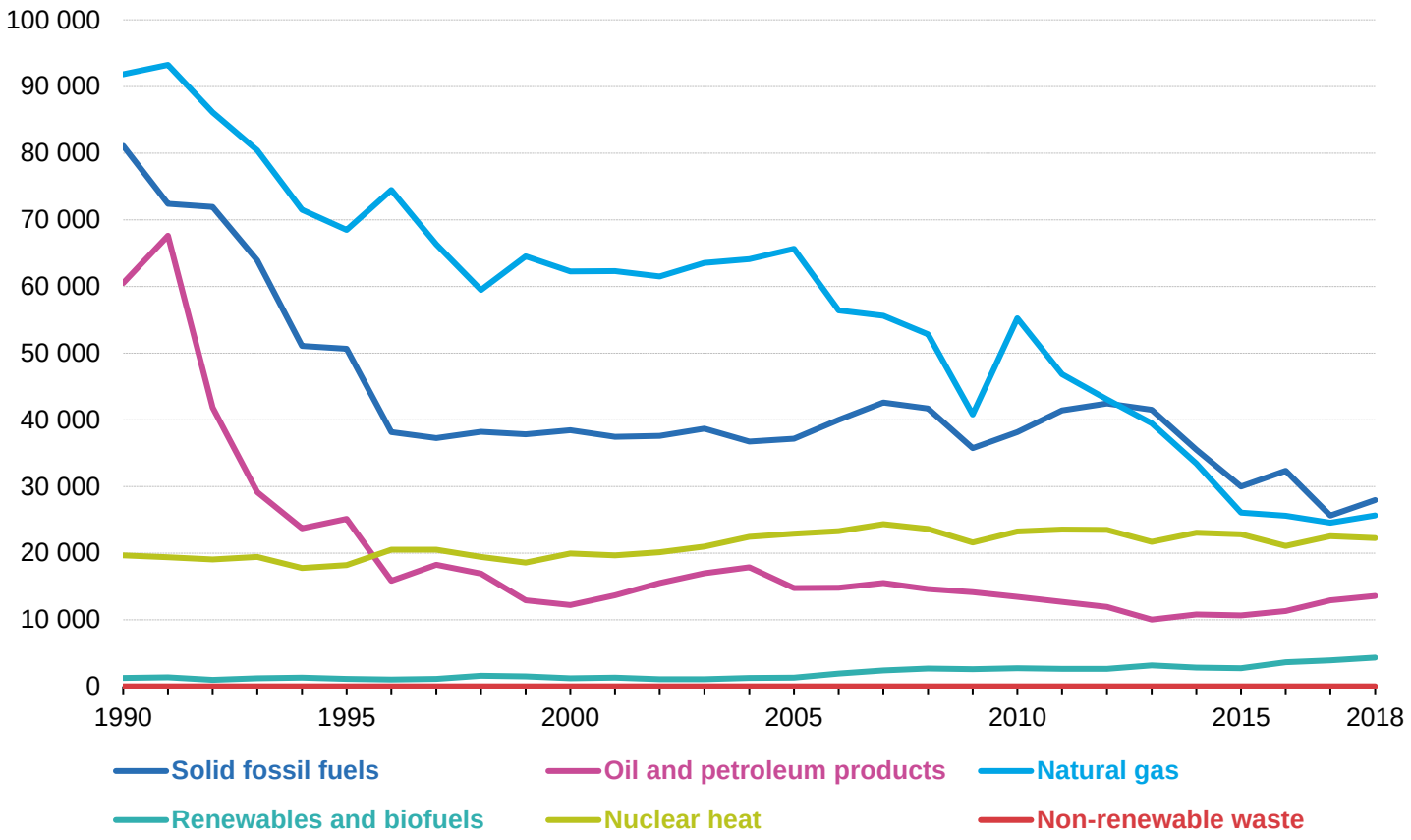
Ukraine	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	132 573	126 644	122 650	116 114	105 654	92 899	94 364	89 768	93 851
Solid fossil fuels	38 131	41 383	42 449	41 509	35 509	29 995	32 329	25 637	27 957
Peat & peat products	119	104	96	115	68	117	121	125	98
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	11 497	9 100	5 073	3 978	3 043	2 851	2 806	3 351	3 635
Petroleum products	13 453	12 690	11 914	10 021	10 771	10 627	11 307	12 893	13 572
Natural gas	55 250	46 853	43 035	39 461	33 450	26 083	25 600	24 554	25 653
Nuclear heat	23 234	23 519	23 490	21 685	23 035	22 836	21 096	22 528	22 235
Renewable energies	2 735	2 636	2 652	3 173	2 801	2 705	3 621	3 920	4 318
Non-renewable wastes	0	0	0	0	0	0	0	2	0
Primary production	77 303	81 887	84 193	83 695	71 800	64 178	63 957	58 890	60 887
Solid fossil fuels	32 142	36 596	39 052	38 213	26 778	19 916	20 516	13 517	14 338
Peat	100	119	106	108	107	114	125	120	125
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	3 590	3 407	3 437	3 167	2 817	2 618	2 304	2 208	2 341
Natural gas	15 436	15 530	15 413	16 032	15 055	14 839	15 171	15 471	16 487
Nuclear heat	23 234	23 519	23 490	21 685	23 035	22 836	21 096	22 528	22 235
Renewable energies	2 801	2 715	2 693	3 490	3 263	3 204	4 132	4 490	4 820
Non-renewable wastes	0	0	0	0	0	0	0	2	0
Net imports	41 906	47 684	38 499	31 400	27 438	30 002	27 681	33 167	32 347
Solid fossil fuels	2 982	2 764	4 740	2 895	5 499	9 369	10 124	12 428	13 745
Crude oil	7 804	5 707	1 530	733	139	220	505	826	727
Gas/Diesel Oil (w/o bio)	1 806	2 928	4 310	4 269	4 736	4 873	5 166	5 270	5 423
Motor Gasoline (w/o bio)	1 626	1 294	1 659	1 602	2 091	1 475	1 528	1 325	1 194
Naphtha	0	0	0	0	0	0	0	0	0
LPG	63	140	260	397	474	657	1 188	1 229	1 421
All other oil & petroleum products	9 811	9 345	8 225	7 099	7 447	7 965	9 583	10 419	11 153
Natural gas	29 555	36 189	26 598	22 595	15 724	13 292	8 809	11 262	8 459
Transformation input	100 117	101 814	96 265	91 899	78 849	72 143	75 142	68 526	71 116
Electricity & heat generation	61 028	63 561	63 736	61 908	56 022	50 432	51 778	48 431	49 347
Refinery intake	11 901	9 828	5 199	4 104	3 308	3 051	3 081	3 666	4 003
Coke ovens	18 395	19 190	18 810	17 230	12 112	11 583	12 771	9 973	11 063
Blast furnaces	7 788	8 185	7 712	7 797	6 333	6 086	6 471	5 212	5 323
Transformation output	62 726	61 459	56 067	53 345	44 425	38 384	41 637	37 603	38 064
Electricity & heat generation	31 100	31 295	31 418	30 715	26 321	23 107	24 840	23 085	23 570
Refinery output	12 065	9 762	5 179	4 148	3 331	2 832	3 188	2 997	2 412
Coke ovens	15 196	15 887	15 359	14 594	11 144	9 274	10 232	8 350	8 696
Blast furnaces	3 556	3 628	3 469	3 439	2 973	2 607	2 806	2 286	2 388
Energy sector	7 167	6 812	6 615	5 874	4 855	4 234	4 633	3 836	4 151
Distribution losses	4 204	4 201	4 098	4 139	3 556	3 295	3 388	3 150	3 509
Available for final consumption	83 536	75 032	71 436	67 422	62 689	51 488	52 682	51 608	52 840
Solid fossil fuels	4 649	5 509	5 472	5 606	6 454	4 047	3 963	3 384	4 177
Manufactured gases	3 264	3 397	3 182	2 952	2 674	2 176	2 284	1 767	1 801
Peat & peat products	70	108	102	67	25	67	59	124	109
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	5 621	5 514	5 674	5 122	5 659	5 571	5 442	6 300	5 539
Motor Gasoline (w/o bio)	4 589	4 314	3 410	2 633	2 981	2 168	2 225	2 094	1 170
Naphtha	0	0	0	0	0	0	0	0	0
LPG	804	843	879	940	956	1 008	1 604	1 632	1 874
All other oil & petroleum products	12 492	11 647	11 012	9 291	10 051	9 692	9 783	11 478	11 467
Natural gas	37 986	29 201	26 860	24 923	21 845	16 141	15 858	15 166	15 615
Primary solid biofuels & charcoal	955	1 009	999	1 043	1 125	1 218	1 655	1 758	1 880
Liquid biofuels	0	0	0	48	42	35	38	47	37
All other renewable energies	983	1 039	1 029	1 123	1 201	1 283	1 724	1 833	1 945
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	11 534	12 021	11 837	11 826	11 504	10 733	10 636	10 092	10 203
Heat	12 559	12 111	11 941	11 634	8 935	7 350	8 375	7 765	7 523
Statistical difference	9 587	-638	-1 084	-2 650	1 296	681	950	1 747	1 798
Final non-energy consumption	5 562	6 024	6 116	4 929	3 499	3 318	2 910	2 515	2 624
Final energy consumption	68 388	69 646	66 404	65 144	57 894	47 488	48 822	47 346	48 418
Industry	24 939	25 811	23 982	21 842	20 568	16 378	15 509	15 095	16 416
Transport	12 917	12 875	11 772	11 849	10 300	8 721	9 134	9 591	9 418
Other sectors	30 532	30 961	30 650	31 453	27 026	22 389	24 180	22 660	22 584
Services	4 652	5 129	5 007	5 768	4 665	3 888	4 672	4 337	4 699
Households	23 839	23 588	23 454	23 446	20 357	16 552	17 348	16 483	16 007

Europe 2020-2030 indicators	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Gross inland consumption	132 573	126 644	122 650	115 114	104 909	92 247	93 751	89 215	93 311
Primary energy consumption	127 011	120 620	116 535	110 185	101 409	88 929	90 841	86 700	90 687
Final energy consumption	73 109	74 686	71 155	69 835	61 633	51 329	52 887	50 674	51 873

Source: Eurostat (nrg_bal_c)

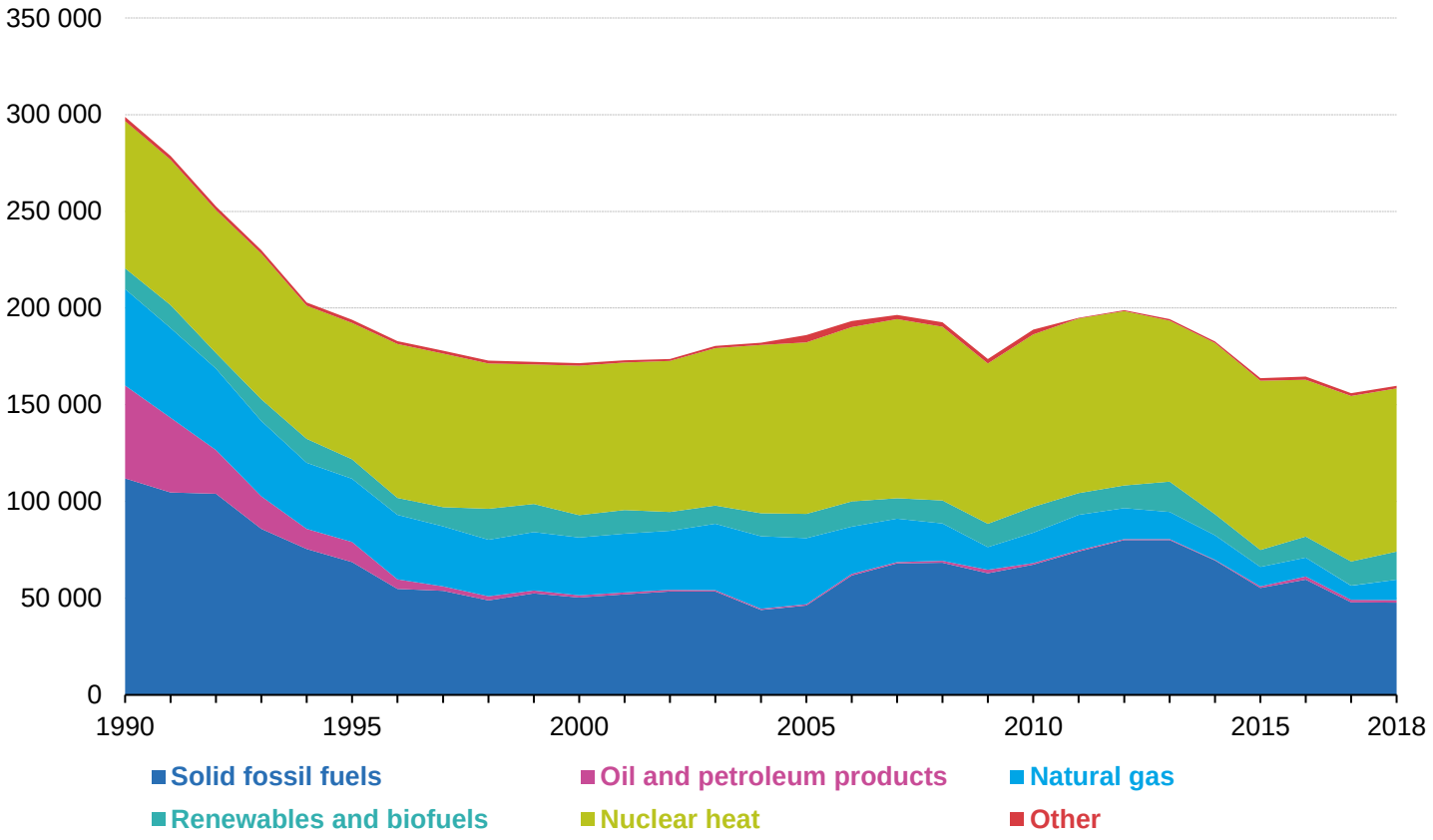
Ukraine

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

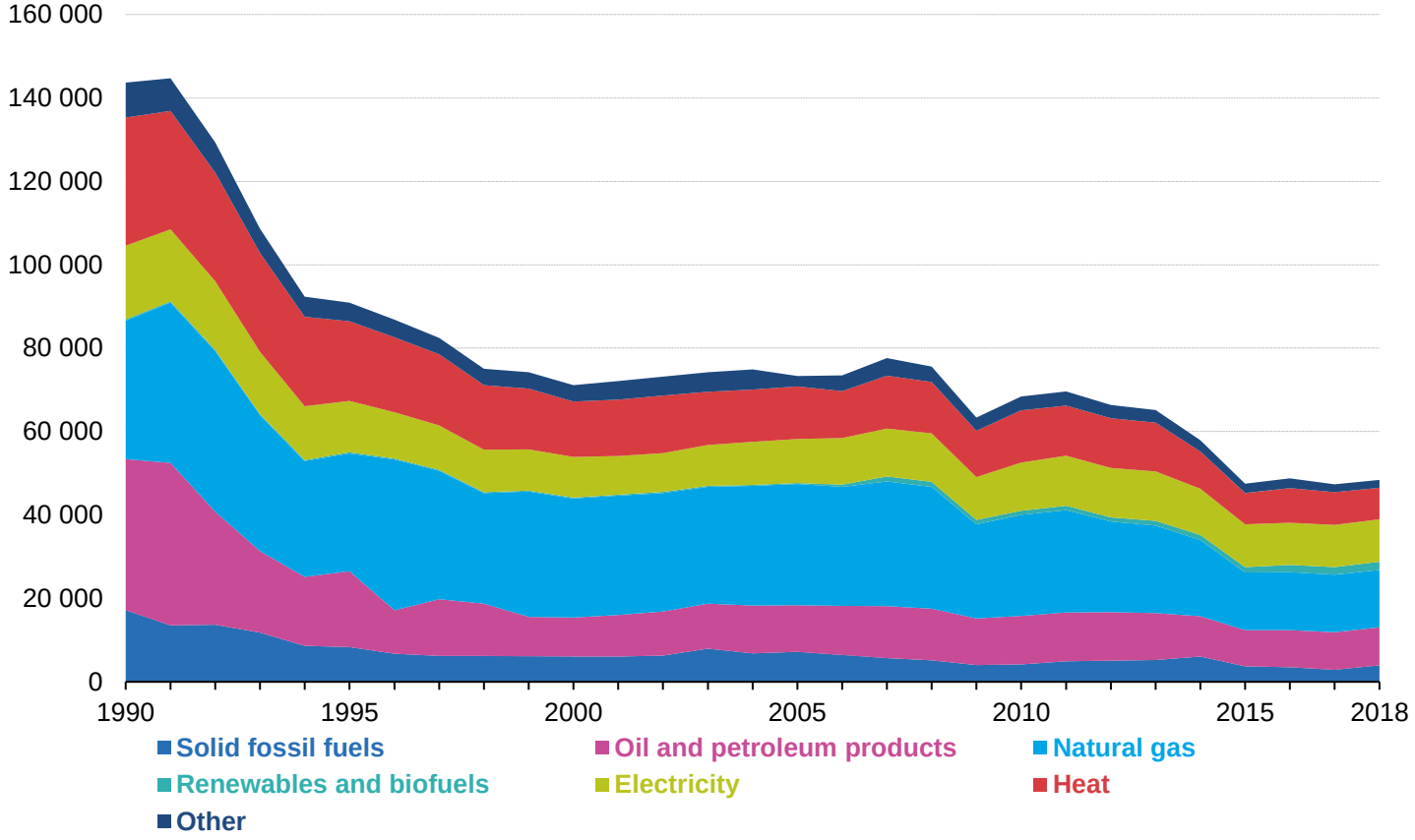


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

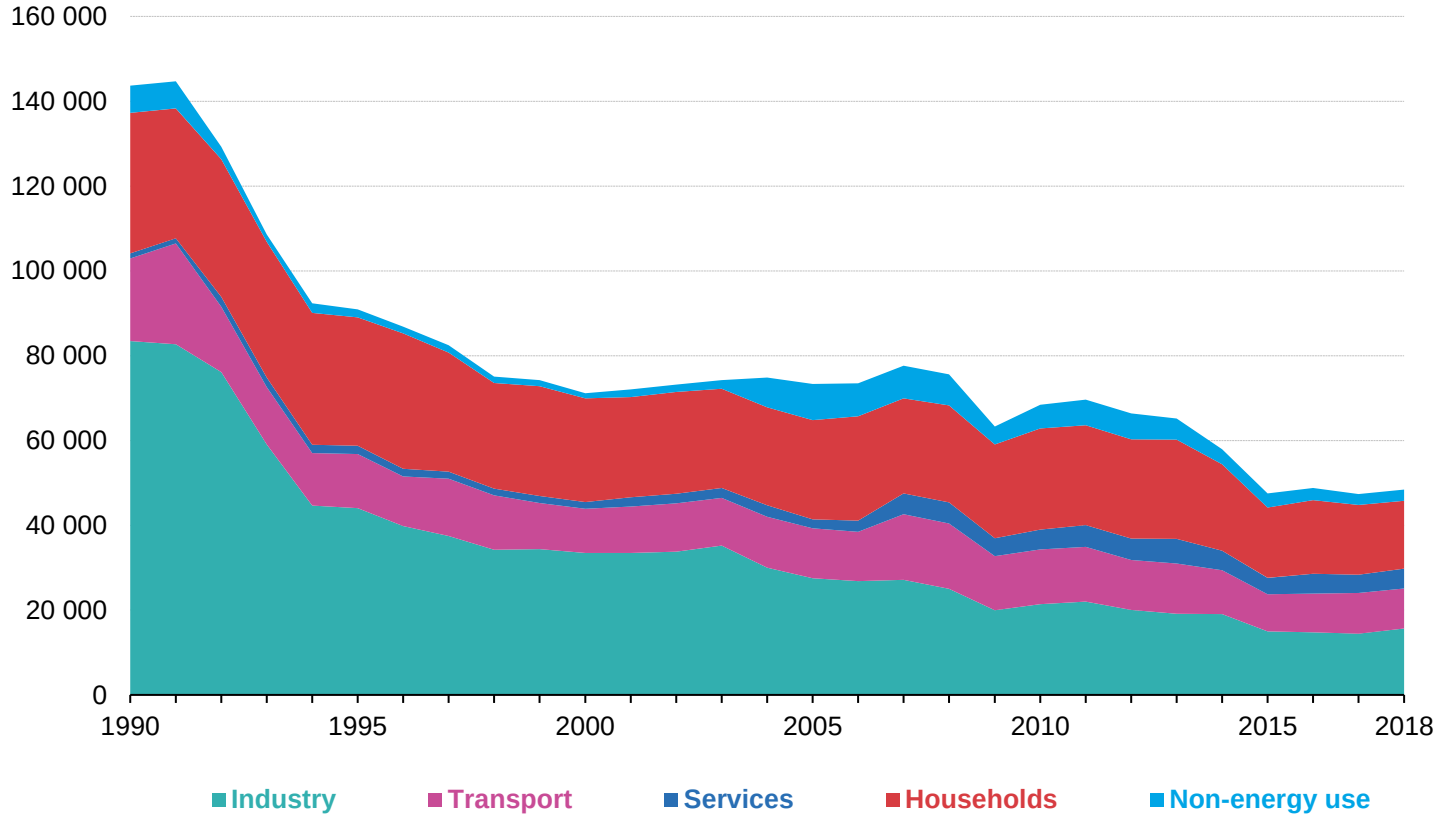
Ukraine

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	194 377	182 818	163 682	164 572	156 036	159 851	151 360 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	9 267	9 042	3 678	7 043	5 460	4 961	: O
Coking coal	0	0	0	0	0	34	: O
Other bituminous coal	70 860	60 494	51 659	52 557	42 365	42 725	: O
Sub-bituminous coal	0	0	0	0	0	0	: O
Lignite	0	0	0	0	0	0	: O
Coke oven coke	0	0	0	0	0	0	: O
Patent fuel	0	0	0	0	0	0	: O
Brown coal briquettes	0	0	0	0	0	0	: O
Coal tar	0	0	0	0	0	0	: O
Peat	0	0	0	0	0	0	: O
Peat products	0	4	8	18	18	15	: O
Oil shale and oil sands	0	0	0	0	0	0	: O
Sub-total	80 127	69 540	55 345	59 618	47 843	47 735	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	13 983	12 714	10 102	9 831	7 381	10 571	: O
Coke oven gas	203	130	83	428	315	353	: O
Gas works gas	0	0	0	0	0	0	: O
Blast furnace gas	683	468	267	1 111	1 101	935	: O
Other recovered gases	0	351	367	56	10	0	: O
Sub-total	14 869	13 663	10 819	11 426	8 807	11 859	0 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	: O
Refinery gas	20	9	0	0	0	0	: O
Liquefied petroleum gases	0	0	0	5	5	5	: O
Naphtha	0	0	0	0	0	0	: O
Kerosene-type jet fuel	0	0	0	0	0	0	: O
Other kerosene	0	0	0	0	0	0	: O
Gas oil and diesel oil	26	21	18	25	32	44	: O
Fuel oil	252	155	698	1 545	1 242	832	: O
Petroleum coke	0	0	0	0	0	0	: O
Bitumen	0	0	0	0	0	0	: O
Other oil products	92	31	30	40	35	340	: O
Sub-total	390	216	746	1 615	1 314	1 221	0 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	14 472	9 321	6 971	9 304	10 519	12 005	7 765 P
Geothermal	0	0	0	0	0	0	0 P
Wind	639	1 130	1 084	954	983	1 188	1 462 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	570	429	477	491	739	1 108	1 108 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	101	130	135	80	115	125	: O
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	0	0	10	56	95	176	: O
Renewable municipal waste	0	0	0	0	0	0	: O
Sub-total	15 782	11 010	8 677	10 885	12 451	14 602	10 334 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	: O
Non-renewable municipal waste	0	0	0	0	0	0	: O
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	83 209	88 389	87 627	80 950	85 576	84 398	83 003 P
Heat from chemical sources	0	0	468	79	45	37	: O
Other fuels not elsewhere specified	0	0	0	0	0	0	58 023 E
Sub-total	83 209	88 389	88 095	81 029	85 622	84 435	141 026 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	7 468	6 106	3 005	5 281	3 623	3 727	3 941 P
Coking coal	24 165	17 020	16 445	18 278	14 167	15 550	17 569 P
Other bituminous coal	39 689	37 449	30 382	30 289	24 988	27 109	24 173 P
Sub-bituminous coal	0	0	0	0	0	1 226	929 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	16 251	14 336	13 414	14 238	11 368	11 624	10 919 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	1 046	786	650	709	587	643	445 P
Peat	503	461	507	525	517	570	538 P
Peat products	227	126	247	244	441	391	258 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	1 835 723	1 556 108	1 213 382	1 190 915	1 142 240	1 193 373	958 532 P
Coke oven gas	143 771	98 402	79 704	90 483	81 374	75 559	81 585 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	128 052	104 434	90 856	97 121	77 902	81 674	78 353 P
Other recovered gases	15 945	20 046	18 300	20 340	17 827	18 312	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	843	192	236	524	1 306	1 293	: O
Refinery intake	4 022	3 278	3 026	3 052	3 615	3 931	: O

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	7 067	7 919	7 740	8 937	9 319	10 018	: O
Export	973	759	100	25	240	292	: O
Total refinery output	4 060	3 268	2 793	3 153	2 957	2 459	: P
Gas oil and diesel oil	1 120	832	786	929	680	0	: O
Motor gasoline	1 056	712	643	652	731	0	: O
Fuel oil	658	516	535	590	444	429	: O
Naphtha	0	0	0	0	0	0	: O
Kerosene-type jet fuel	0	0	0	0	0	0	: O
All other oil products	1 226	1 208	829	982	1 102	2 030	: P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	79 449	82 219	89 699	120 312	126 898	136 167	: O
Charcoal [kt]	45	48	43	44	43	43	: O
Biogases [TJ]	0	0	600	1 367	1 601	1 995	: O
Pure biogasoline [kt]	73	32	18	57	70	56	: O
Pure biodiesels [kt]	0	0	0	0	0	0	: O
Other liquid biofuels [kt]	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	: O
Non-renewable municipal waste	0	0	0	0	104	0	: O
Industrial waste (non-renewable)	0	0	0	0	0	0	: O

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	0	0	0	0	0	0	: O
Solar thermal	0	0	0	0	20	0	: O
Ambinet heat (heat pumps)	0	0	0	0	0	22	: O

Source: Eurostat (nrg_cb_rw)

Georgia ktoe 2018	Total	Solid fossil fuels	Manufac-tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non-renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	1 251.3	56.0	Z	0.0	0.0	30.7	8.7	1 156.0	0.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports	3 916.0	268.2	0.0	0.0	0.0	1 480.3	2 036.6	0.0	0.0	Z	0.0	130.9
- Exports	164.2	0.8	0.0	0.0	0.0	110.0	0.0	1.6	0.0	Z	0.0	51.8
+ Change in stock	-44.8	-20.8	0.0	0.0	0.0	-23.9	0.0	0.0	0.0	Z	Z	Z
= Gross available energy	**4 958.4**	**302.6**	**0.0**	**0.0**	**0.0**	**1 377.0**	**2 045.3**	**1 154.4**	**0.0**	**0.0**	**0.0**	**79.1**
- International maritime bunkers	1.6	0.0	0.0	0.0	0.0	1.6	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	**4 956.8**	**302.6**	**0.0**	**0.0**	**0.0**	**1 375.4**	**2 045.3**	**1 154.4**	**0.0**	**0.0**	**0.0**	**79.1**
- International aviation	105.3	Z	Z	Z	Z	105.3	Z	0.0	Z	Z	Z	Z
= Total energy supply	**4 851.5**	**302.6**	**0.0**	**0.0**	**0.0**	**1 270.1**	**2 045.3**	**1 154.4**	**0.0**	**0.0**	**0.0**	**79.1**
Transformation input	**1 310.3**	**8.6**	**0.0**	**0.0**	**0.0**	**24.1**	**415.0**	**862.7**	**0.0**	**0.0**	**0.0**	**0.0**
+ Electricity & heat generation	1 286.3	8.6	0.0	0.0	0.0	0.0	415.0	862.7	0.0	0.0	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry	24.1	Z	Z	Z	Z	24.1	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output	**1 066.4**	**0.0**	**0.0**	**0.0**	**Z**	**21.8**	**0.0**	**0.0**	**Z**	**Z**	**0.0**	**1 044.6**
+ Electricity & heat generation	1 044.6	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	1 044.6
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	21.8	Z	Z	Z	Z	21.8	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified	0.0	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z
Energy sector	**21.4**	**0.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**Z**	**0.0**	**21.1**
+ Own use in electricity & heat genera	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	18.5
+ Coal mines	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	1.1
+ Oil & natural gas extraction plants	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	0.0	0.0
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	0.0
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	0.0	0.0
+ Liquefaction & regasification plants (	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants	0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	1.6
Distribution losses	**172.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**93.8**	**1.9**	**0.0**	**Z**	**0.0**	**76.2**
Available for final consumption	**4 414.2**	**293.7**	**0.0**	**0.0**	**0.0**	**1 267.9**	**1 536.5**	**289.7**	**0.0**	**0.0**	**0.0**	**1 026.4**
Final non-energy consumption	**343.2**	**0.0**	**0.0**	**0.0**	**0.0**	**114.9**	**228.4**	**0.0**	**Z**	**Z**	**Z**	**Z**
Final energy consumption	**4 070.5**	**293.7**	**0.0**	**0.0**	**0.0**	**1 152.5**	**1 308.1**	**289.7**	**0.0**	**Z**	**0.0**	**1 026.4**
+ Industry	783.7	293.1	0.0	0.0	0.0	96.2	108.4	1.7	0.0	Z	0.0	284.2
+ Iron & steel	307.9	127.4	0.0	0.0	0.0	0.2	16.0	0.0	0.0	Z	0.0	164.4
+ Chemical & petrochemical	30.3	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	Z	0.0	27.7
+ Non-ferrous metals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Non-metallic minerals	212.9	161.1	0.0	0.0	0.0	0.3	29.6	0.0	0.0	Z	0.0	22.0
+ Transport equipment	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	Z	0.0	0.1
+ Machinery	1.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	Z	0.0	0.8
+ Mining & quarrying	33.1	0.0	0.0	0.0	0.0	21.3	1.2	0.0	0.0	Z	0.0	10.6
+ Food, beverages & tobacco	63.6	4.7	0.0	0.0	0.0	0.1	36.1	1.6	0.0	Z	0.0	21.1
+ Paper, pulp & printing	4.9	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	Z	0.0	1.3
+ Wood & wood products	0.9	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	Z	0.0	0.6
+ Construction	97.3	0.0	0.0	0.0	0.0	74.3	13.0	0.0	0.0	Z	0.0	10.0
+ Textile & leather	2.3	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	Z	0.0	1.3
+ Not elsewhere specified (industry)	28.8	0.0	0.0	0.0	0.0	0.1	4.5	0.0	0.0	Z	0.0	24.2
+ Transport	1 352.7	0.0	0.0	0.0	0.0	1 024.0	297.3	0.0	0.0	Z	Z	31.4
+ Rail	41.6	0.0	0.0	0.0	0.0	10.9	Z	0.0	0.0	Z	Z	30.6
+ Road	1 199.8	Z	Z	Z	Z	1 005.3	194.5	0.0	0.0	Z	Z	0.0
+ Domestic aviation	0.3	Z	Z	Z	Z	0.3	Z	0.0	Z	Z	Z	Z
+ Domestic navigation	0.6	0.0	0.0	0.0	0.0	0.6	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	110.2	Z	Z	Z	Z	6.8	102.8	0.0	Z	Z	Z	0.6
+ Not elsewhere specified (transport	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.2
+ Other	1 934.1	0.6	0.0	0.0	0.0	32.3	902.4	288.0	0.0	Z	0.0	710.8
+ Commercial & public services	514.8	0.2	0.0	0.0	0.0	1.5	172.8	15.1	0.0	Z	0.0	325.1
+ Households	1 227.3	0.2	0.0	0.0	0.0	18.9	722.7	271.9	0.0	Z	0.0	213.6
+ Agriculture & forestry	26.5	0.2	0.0	0.0	0.0	11.7	6.9	1.0	0.0	Z	0.0	6.8
+ Fishing	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (other)	165.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	165.2
Statistical differences	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Gross electricity production	1 044.6	1.0	0.0	0.0	0.0	0.0	180.8	862.7	0.0	0.0	Z	Z
Gross heat production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

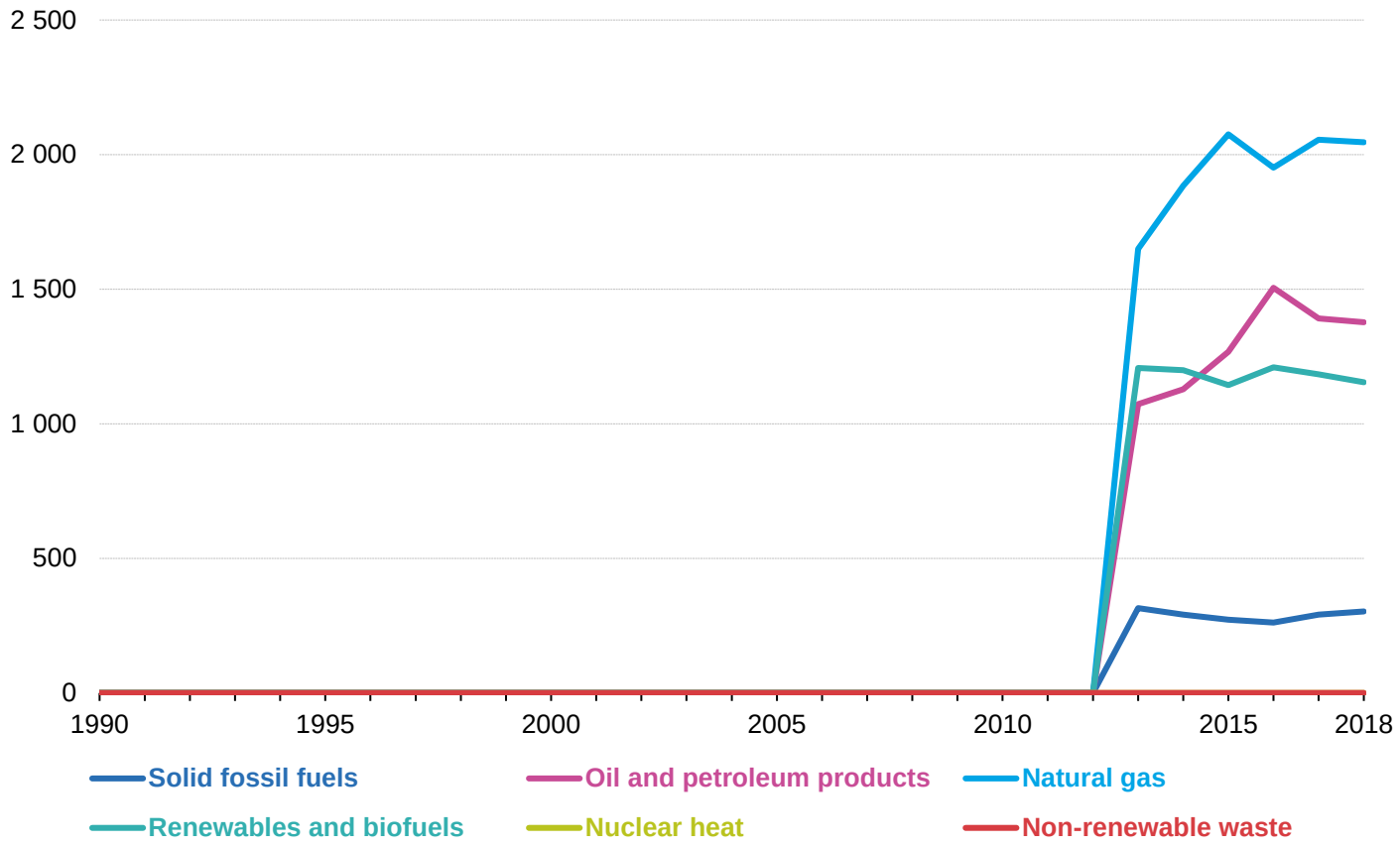
Georgia	ktoe								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross available energy	0	0	0	4 248	4 523	4 762	4 921	4 992	4 958
Solid fossil fuels	0	0	0	315	291	272	262	292	303
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	14	-35	-125	25
Petroleum products	0	0	0	1 072	1 128	1 268	1 505	1 392	1 377
Natural gas	0	0	0	1 650	1 884	2 075	1 951	2 055	2 045
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	0	0	0	1 208	1 199	1 144	1 210	1 184	1 154
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	0	0	0	1 429	1 372	1 318	1 377	1 334	1 251
Solid fossil fuels	0	0	0	168	121	124	121	109	56
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	49	44	41	40	32	31
Natural gas	0	0	0	4	8	9	5	7	9
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	0	0	0	1 208	1 199	1 144	1 211	1 185	1 156
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	0	0	0	2 824	3 153	3 463	3 543	3 642	3 752
Solid fossil fuels	0	0	0	154	167	151	165	182	267
Crude oil	0	0	0	-58	-42	-20	25	54	-7
Gas/Diesel Oil (w/o bio)	0	0	0	487	539	606	670	574	569
Motor Gasoline (w/o bio)	0	0	0	393	392	462	605	560	574
Naphtha	0	0	0	0	0	0	0	0	0
LPG	0	0	0	19	20	16	14	17	23
All other oil & petroleum products	0	0	0	1 022	1 090	1 243	1 442	1 343	1 370
Natural gas	0	0	0	1 645	1 875	2 066	1 945	2 048	2 037
Transformation input	0	0	0	1 126	1 200	1 278	1 408	1 541	1 310
Electricity & heat generation	0	0	0	1 126	1 200	1 264	1 245	1 253	1 286
Refinery intake	0	0	0	0	0	14	26	25	24
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	0	0	0	865	892	943	1 164	1 289	1 066
Electricity & heat generation	0	0	0	865	892	931	995	992	1 045
Refinery output	0	0	0	0	0	12	27	24	22
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	0	0	0	19	21	22	20	20	21
Distribution losses	0	0	0	150	130	171	182	160	172
Available for final consumption	0	0	0	3 730	3 981	4 163	4 400	4 462	4 414
Solid fossil fuels	0	0	0	315	290	271	250	276	294
Manufactured gases	0	0	0	0	0	0	0	0	0
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	0	0	0	473	528	616	662	598	559
Motor Gasoline (w/o bio)	0	0	0	401	400	445	627	564	567
Naphtha	0	0	0	0	0	0	0	2	0
LPG	0	0	0	19	20	20	18	18	23
All other oil & petroleum products	0	0	0	984	1 046	1 194	1 436	1 304	1 268
Natural gas	0	0	0	1 156	1 324	1 430	1 407	1 536	1 537
Primary solid biofuels & charcoal	0	0	0	481	465	398	386	363	271
Liquid biofuels	0	0	0	0	0	0	0	0	0
All other renewable energies	0	0	0	495	480	415	405	382	290
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	0	0	0	780	841	852	902	964	1 026
Heat	0	0	0	0	0	0	0	0	0
Statistical difference	0	0	0	0	-46	-1	5	5	1
Final non-energy consumption	0	0	0	303	311	329	298	322	343
Final energy consumption	0	0	0	3 426	3 716	3 835	4 097	4 135	4 070
Industry	0	0	0	653	678	692	679	759	784
Transport	0	0	0	1 111	1 256	1 365	1 524	1 384	1 353
Other sectors	0	0	0	1 662	1 782	1 777	1 894	1 992	1 934
Services	0	0	0	352	433	403	434	453	515
Households	0	0	0	1 159	1 195	1 201	1 266	1 336	1 227

Europe 2020-2030 indicators	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross inland consumption	0	0	0	4 248	4 523	4 762	4 921	4 992	4 957
Primary energy consumption	0	0	0	3 945	4 211	4 432	4 622	4 670	4 614
Final energy consumption	0	0	0	3 515	3 799	3 906	4 170	4 233	4 176

Source: Eurostat (nrg_bal_c)

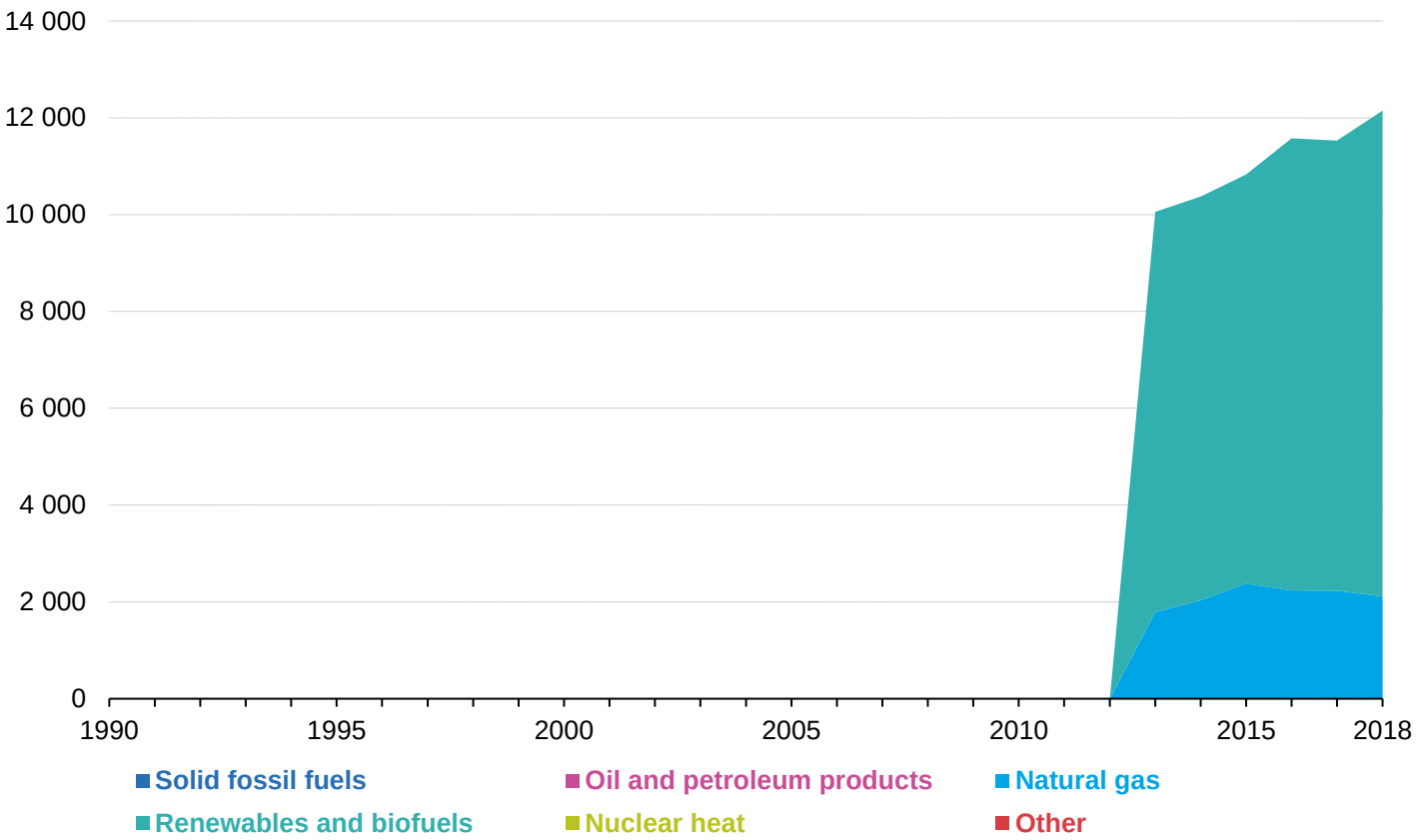
Georgia

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production by fuel, GWh

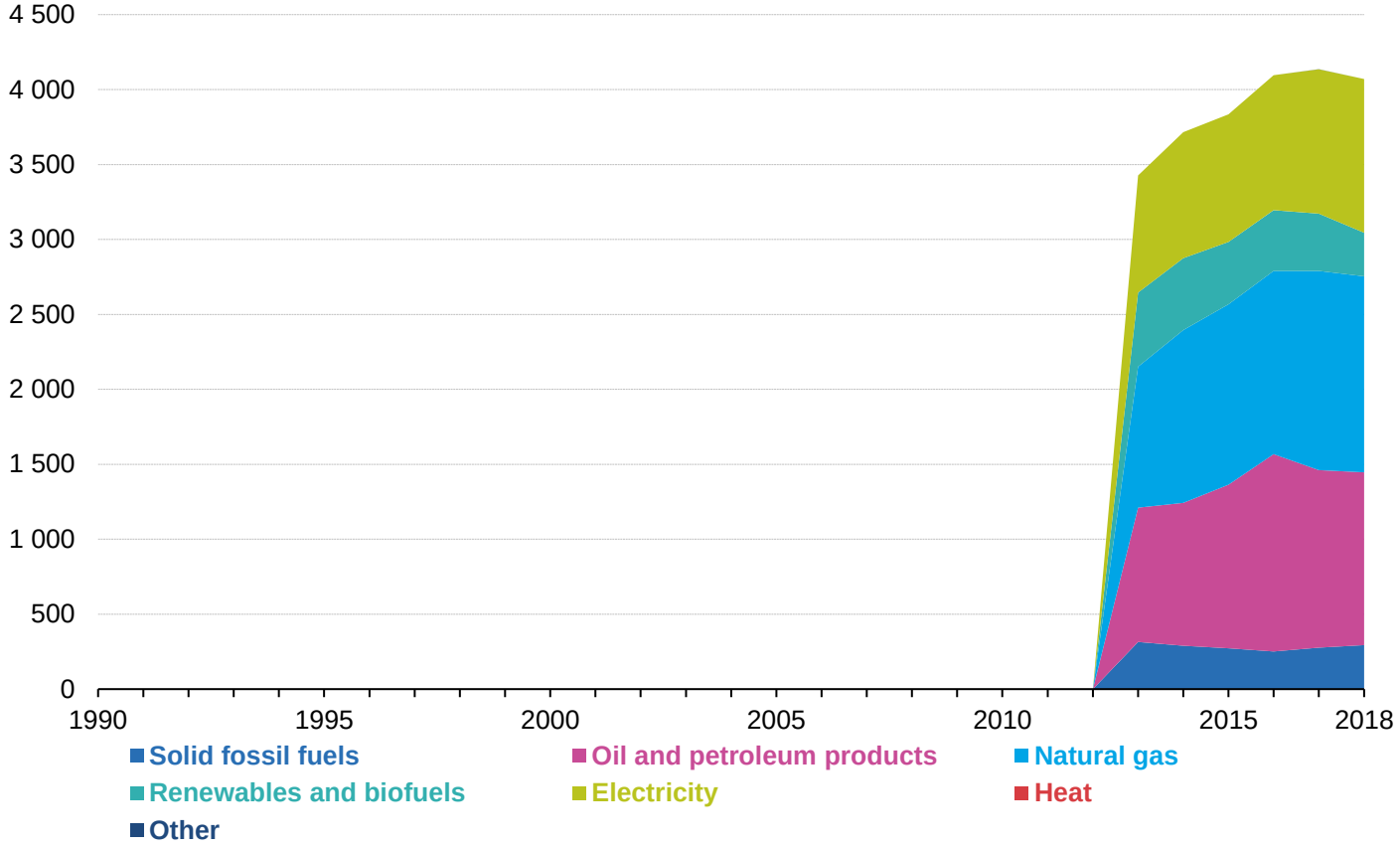


Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

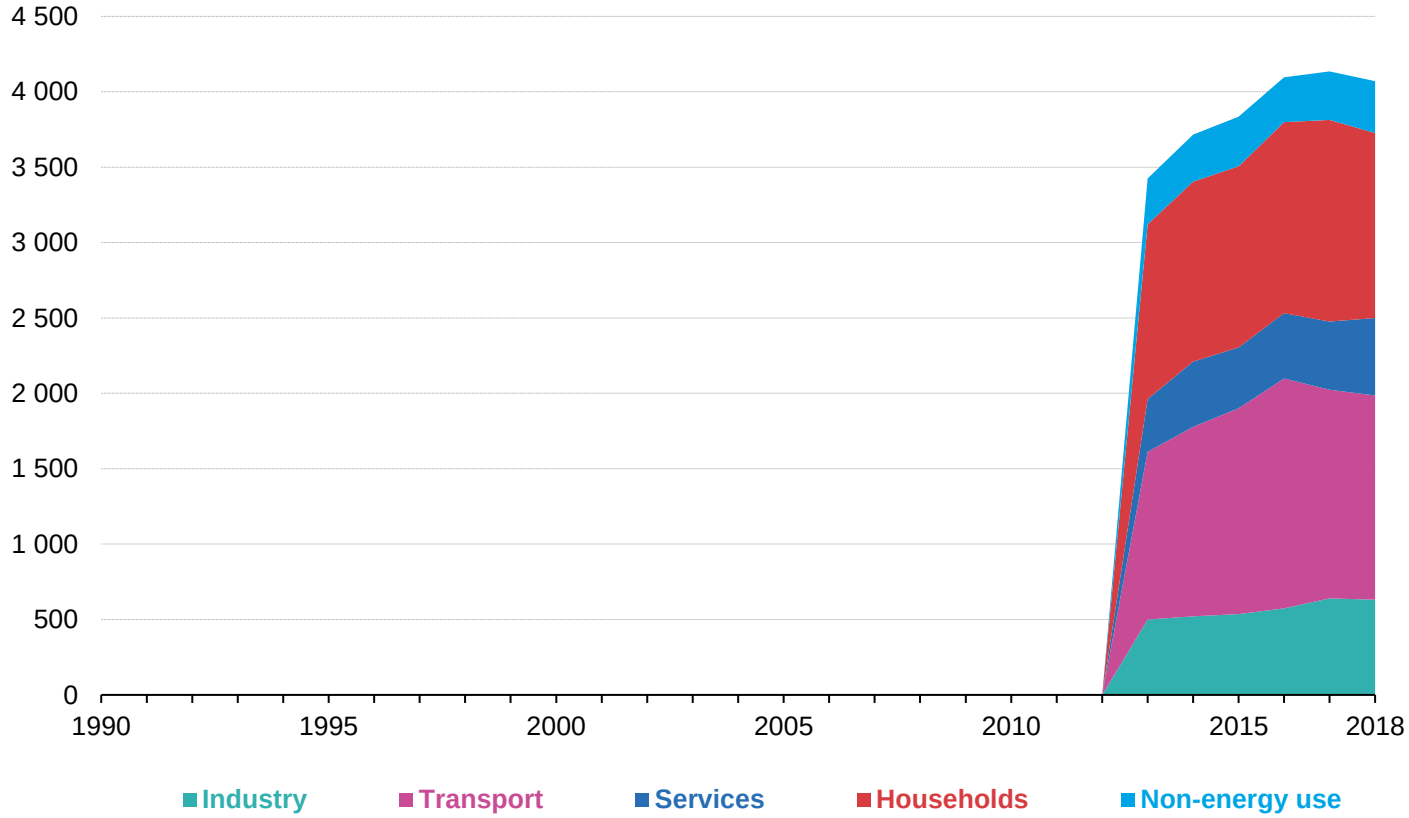
Georgia

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Note: Please refer to page 23 for related methodological definitions.

Gross electricity production

Georgia

GWh	2013	2014	2015	2016	2017	2018	2019P
Total	10 059	10 371	10 833	11 574	11 531	12 149	11 857 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2013	2014	2015	2016	2017	2018	2019P
Anthracite	0	0	0	0	0	0	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	16	25	12	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	0	0	0	16	25	12	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2013	2014	2015	2016	2017	2018	2019P
Natural gas	1 788	2 036	2 379	2 220	2 208	2 103	2 840 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	1 788	2 036	2 379	2 220	2 208	2 103	2 840 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2013	2014	2015	2016	2017	2018	2019P
Crude oil	0	0	0	0	0	0	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2013	2014	2015	2016	2017	2018	2019P
Hydro	8 271	8 335	8 454	9 329	9 210	9 949	8 932 P
Geothermal	0	0	0	0	0	0	0 P
Wind	0	0	0	9	88	84	85 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	0	0	0	0	0	0 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	0	0	0	0	0	0	0 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	0	0	0	0	0	0	0 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	8 271	8 335	8 454	9 338	9 298	10 034	9 016 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2013	2014	2015	2016	2017	2018	2019P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2013	2014	2015	2016	2017	2018	2019P
Nuclear	0	0	0	0	0	0	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2013	2014	2015	2016	2017	2018	2019P
Anthracite	8	4	3	3	7	6	8 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	70	122	118	92	138	219	238 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	401	296	303	287	264	138	4 P
Coke oven coke	145	135	109	126	140	159	129 P
Patent fuel	0	1	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2013	2014	2015	2016	2017	2018	2019P
Natural gas	76 750	87 634	96 539	90 756	95 596	95 147	101 919 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	0	10	133	43	60	2	9 P
Refinery intake	0	0	14	21	30	24	38 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2013	2014	2015	2016	2017	2018	2019P
Imports	1 064	1 120	1 346	1 507	1 530	1 451	1 424 P
Export	13	15	112	21	48	105	23 P
Total refinery output	0	0	12	27	24	22	37 P
Gas oil and diesel oil	0	0	5	9	10	10	15 P
Motor gasoline	0	0	0	7	2	1	1 P
Fuel oil	0	0	5	8	9	9	16 P
Naphtha	0	0	0	3	3	3	4 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	0	0	2	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2013	2014	2015	2016	2017	2018	2019P
Primary solid biofuels [TJ]	20 143	19 470	16 672	16 177	15 211	11 331	0 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	0	0	0	0	0	0	0 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	0	0	0	0	0	0	0 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Renewable municipal waste	0	0	0	0	0	0	0 P
Non-renewable municipal waste	0	0	0	0	0	0	0 P
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2013	2014	2015	2016	2017	2018	2019P
Geothermal	600	627	675	726	740	752	759 P
Solar thermal	47	77	99	128	128	129	0 P
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)

6 Sankey diagrams (energy flow diagrams)

Introduction

A Sankey diagram is a graphic illustration of flows - like energy, material or money - that can be combined, split and traced through a series of events or stages. The width of each stream represents the amount of material or energy in the flow. Sankey diagrams, which are typically used to visualize energy transfers between processes, are named after the Matthew H. P. R. Sankey, who used this type of diagram in a publication on energy efficiency of a steam engine in 1898.

Use for energy balances

Sankey diagrams are ideal for visually representing energy balances. This is because an energy balance represents the contribution and flow of various energy commodities (fuels, heat and electricity, i.e. energy carriers in a marketable form) into different sectors of the economy (e.g. supply, transformation and consumption) in energy units. A Sankey diagram reproduces – in visual form – energy balances, which are normally represented as a matrix (a table or a spreadsheet).

Description of flows and nodes of the Sankey diagram

Energy commodities:

- enter the energy balance on the top/left (mainly from production or imports); and
- exit on the bottom/right (mainly through final consumption, exports and losses).

The middle part of the diagram also shows:

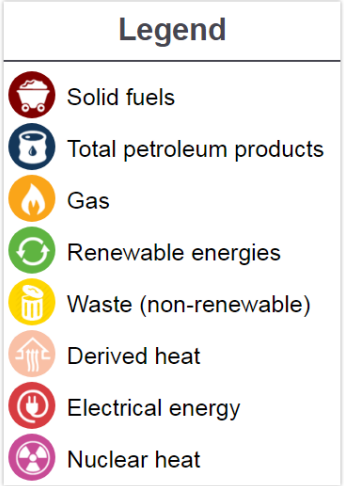
- which energy commodities are used in their original form; and
- which go through the transformation sector.

Natural gas used for heating in the residential sector is an example of a commodity being used in its original form (i.e. "Direct carry-over"). By contrast, natural gas transformed into electricity in a thermal power plant is an example of an energy commodity going through the transformation sector.

The Sankey diagrams presented in this publication show energy products of the following fuel families:

- solid fuels (coal)
- total petroleum products (crude oil and derived petroleum products)
- gas
- nuclear heat
- derived heat
- renewable energies
- electricity
- non-renewable waste.

Each fuel family is represented by a different colour.



Please see detailed description in our dedicated Statistics Explained article:

http://ec.europa.eu/eurostat/statistics-explained/index.php/Sankey_diagrams_for_energy_balance

Methodology notes

The Sankey diagram tool takes its data from the "Sankey diagram dataset - annual data (nrg_bal_sd)" in the Eurostat Energy database. The nrg_bal_sd dataset takes its data from the "Complete energy balances - annual data (nrg_bal_c)" dataset. There are some limitations on how some of the balance aggregates can be shown. For this reason, some balance aggregates have to be displayed in a different form and others cannot be displayed at all. This is mainly because negative flows cannot be represented visually. Therefore, to avoid having large artificial backflows, two adjustments have to be made:

- Fuels entering have to be displayed before the transformation sector. In this way, they also make sense for products consumed in transformation.
- Exiting fuels need to be displayed after the transformation sector. In this way, they also make sense for products produced in transformation.

Modified and missing aggregates of energy balance in Sankey diagrams

Here are some examples of aggregates that are displayed in a different way or which cannot be displayed at all in the Sankey diagram:

- **Stock changes**: this aggregate from the energy balance does not appear in the Sankey diagram. Stock draw and stock build are displayed instead. A fuel taken from stocks (stock draw) can be consumed in the transformation sector, so it has to be displayed before this sector. Conversely, a fuel sent to stock (stock build) could have appeared only after transformation, so the flow in the Sankey diagram needs to be displayed after the transformation sector. For this reason, there is no "stock changes" flow in the Sankey diagram, but rather two distinct flows: "stock build" and "stock draw".
- **Gross available energy**, **Gross inland consumption** and **Total energy supply**: cannot be displayed in the Sankey diagram since it depends on net imports. Imports are displayed before the transformation sector and exports after the transformation sector for the same reasons as with stock changes above. This makes it impossible to show the net imports

flow, as both flows cannot be meaningfully combined in the Sankey diagram.

- **Statistical difference**: statistical difference is simply a positive or negative number in the table of the energy balance. In the Sankey diagram, it is either an incoming or outgoing flow depending on its sign.
- **Imports and exports**: for aggregates of countries (e.g. EU-27), imports and exports are calculated as the sum of total imports or total exports for each of the countries included in the aggregate, without subtracting the internal trade between the countries of the aggregate (i.e exports of one country of the aggregate to another country of the aggregate are included).

New aggregates in Sankey diagrams

Conversely, some new aggregates need to be included in the display of the Sankey diagram. This is the case for the following aggregates, which are not shown in the energy balance:

- **Available from all sources**: the aggregate where all the entering flows converge, namely imports, production and stock draw
- **Transformation backflow**: the minimal backflow needed to cover all transformation inputs, for an exact definition see above
- **Direct carry-over**: the total amount of fuels which are directly consumed and do not go through transformation
- **Available after transformation**: the sum of transformation and direct carry-over
- **Final consumption**: the sum of the Final energy consumption and Final non-energy consumption energy balance flows. This is created only to introduce the statistical difference in a meaningful way in the display.

In addition, some flows shown separately in the energy balance are put together in the Sankey diagram. This is done especially when they are very small and where separating them does not add any value in the display. An examples of this is the node "Transformation losses", created exclusively for the Sankey diagram.

Small and negative flows

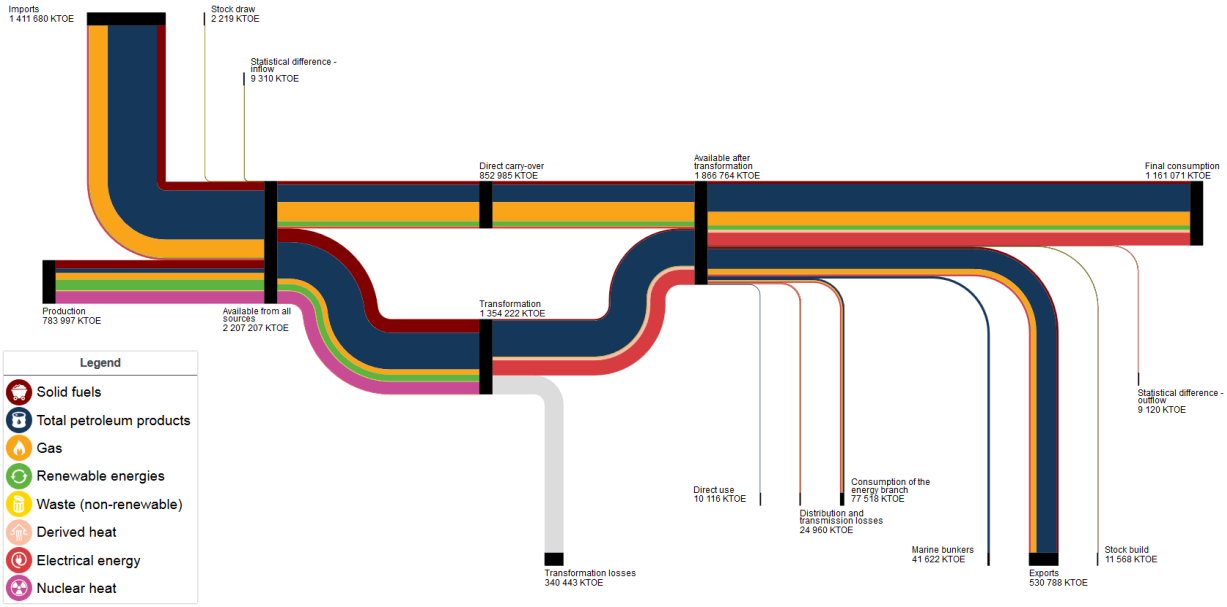
When handling very small flows in the Sankey diagram, a special methodology is needed. Some flows may even be negative due to statistical discrepancies. The method used is as follows: an ad hoc threshold is applied to decide whether any given fuel on display inside a Sankey diagram flow should be drawn or not. This threshold is subjective and reflects only the limitations on what can be shown, given the size of the screen resolution used to display the diagram. In detail, two rules are applied to each single flow in the Sankey tool:

- The entire flow is drawn only if the energy content of at least one fuel on display inside this flow, expressed in the currently selected unit, rounds to 1 or more.
- If the resulting width of a fuel inside this flow on the screen, expressed in pixels, is less than 0.5, it is increased to 0.5 pixels.

Nodes to which no flow is attached after this selection (i.e. none flowing in and none flowing out) are not drawn either.

How to interpret a Sankey diagram

To illustrate how to interpret a Sankey diagram as displayed by the Eurostat Sankey tool, we have selected an example showing the Sankey for the EU-28 for 2014, showing details for fuel families.



If you look at the Sankey diagram, you can see that most of the energy available in the EU is imported, while only a smaller proportion is produced internally. In the example, around 36% of the energy comes from the Production flow, against 64% which is imported. The most of the energy available is in the form of total petroleum products (including crude oil), followed by natural gas, solid fuels, renewable energies and nuclear heat.

In the example, 62% of the total energy available in the EU goes into the transformation sector, while 38% is used without any transformation (i.e. Direct carry-over). The family petroleum products constitute almost half of the amount of fuels sent to Transformation - the Refineries sector deals with 44% of the fuels going into transformation.

The energy exported by the EU in 2014 consisted mainly of petroleum products.

The "Final energy consumption" node shows the amount of fuels consumed for energy purposes in the different final sectors (industry, transport, residential, commercial, etc.).

How to access the interactive tool of Eurostat?

https://ec.europa.eu/eurostat/cache/sankey/energy/sankey.html

What you can do with the Sankey tool

You can use the Eurostat tool to perform a series of operations and access certain options and levels of detail depending on your preferences. Eurostat's Sankey diagrams are based on a series of nodes connected by energy balance flows:

- the flows represent input and output amounts
- the black nodes represent events or processes, e.g. imports, final energy consumption, etc.

Each flow is defined by 4 dimensions:

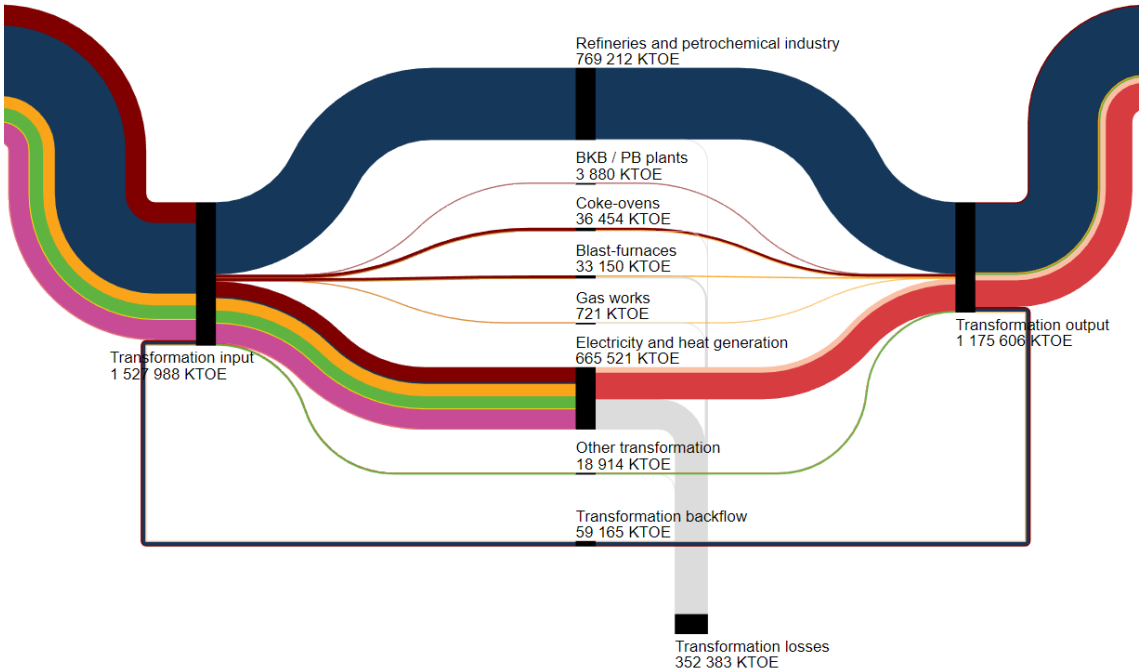
- the variable of the balance (e.g. "Final energy consumption")
- the energy product or product family (e.g. "Motor gasoline" or the "Total petroleum products")
- the country
- the year.

The flow amount can be expressed in different units of energy measurement, for example ktoe (thousand tonnes of oil equivalent), TJ (terajoules) and GWh (gigawatt hour). Only the non-zero combinations are displayed in the Sankey diagram.

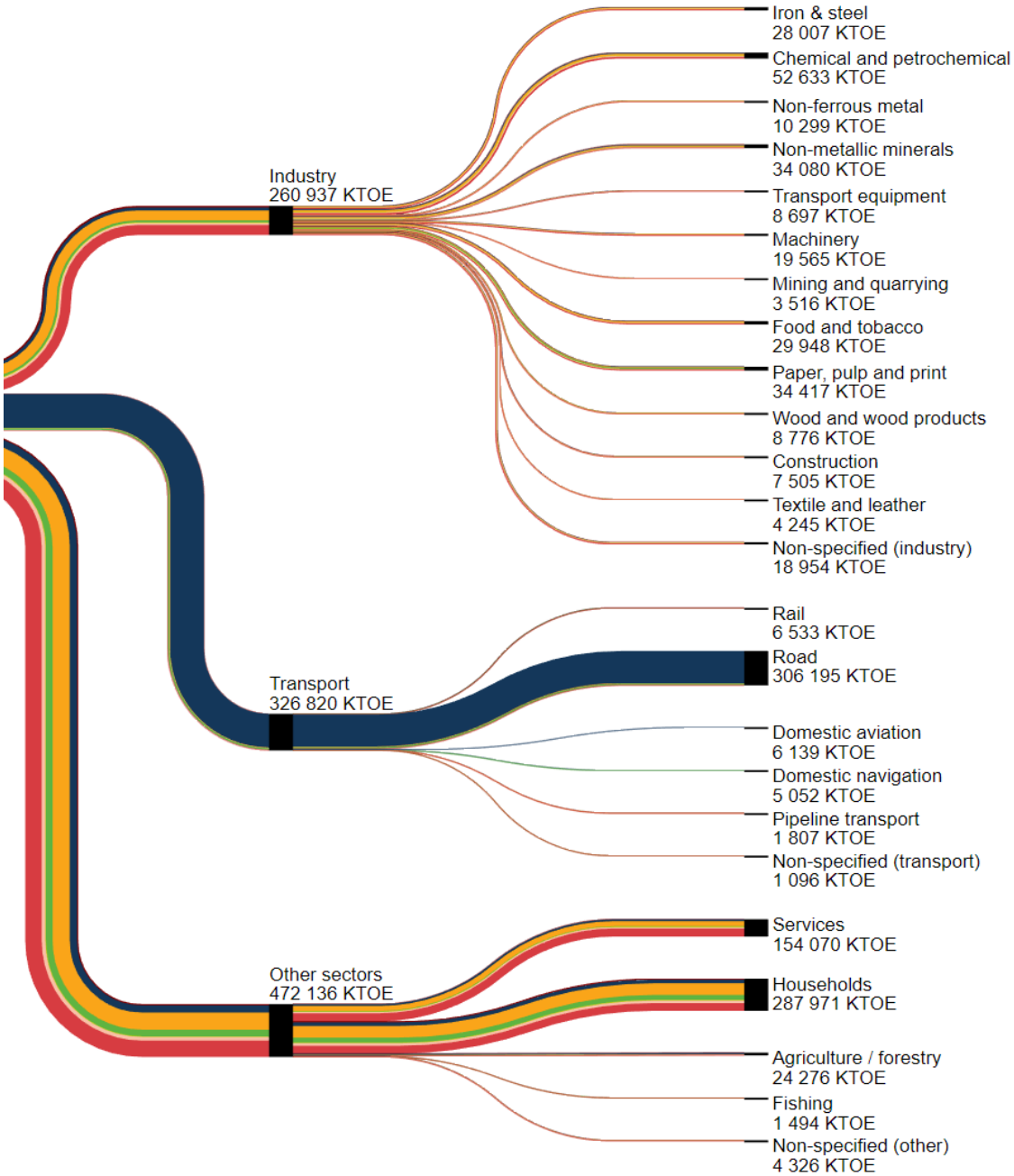
Further disaggregation of nodes

The interactive tool on Eurostat website offers additional disaggregation of certain nodes. This is not presented in details in this publication.

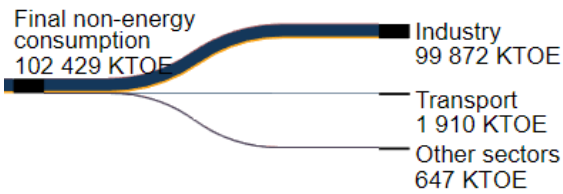
Example of a disaggregation of the transformation node



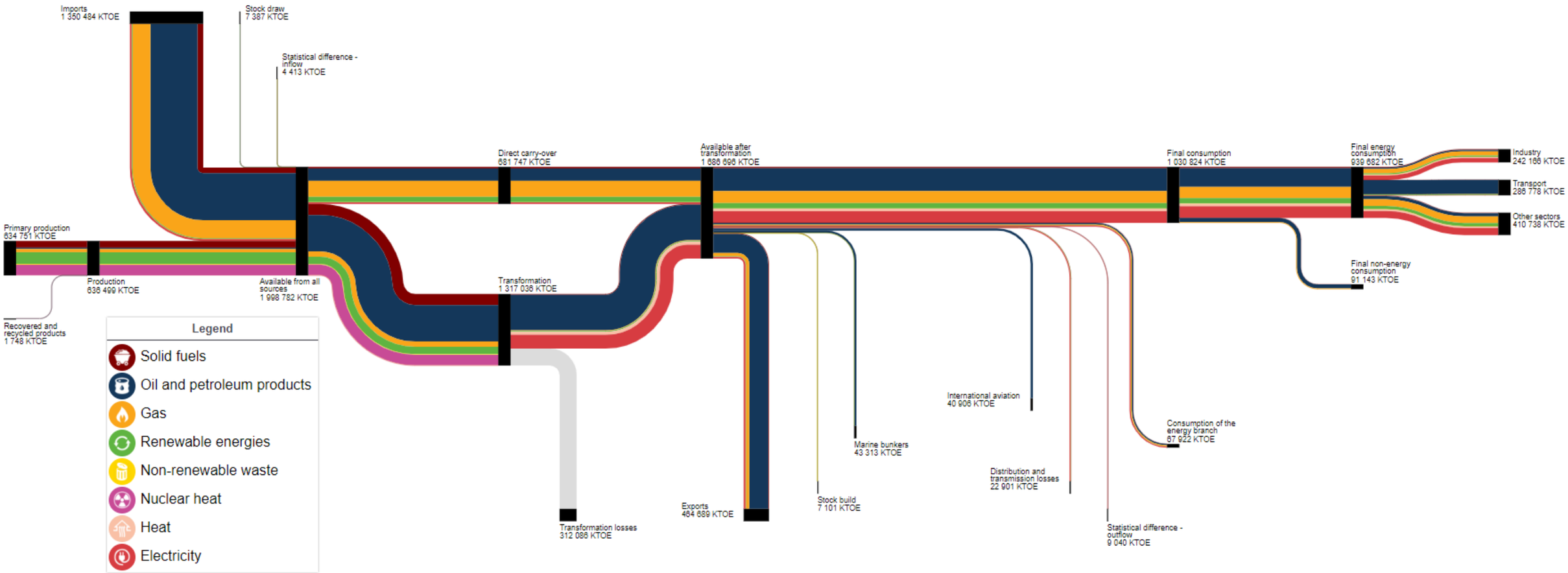
Example of a disaggregation of the final energy consumption node



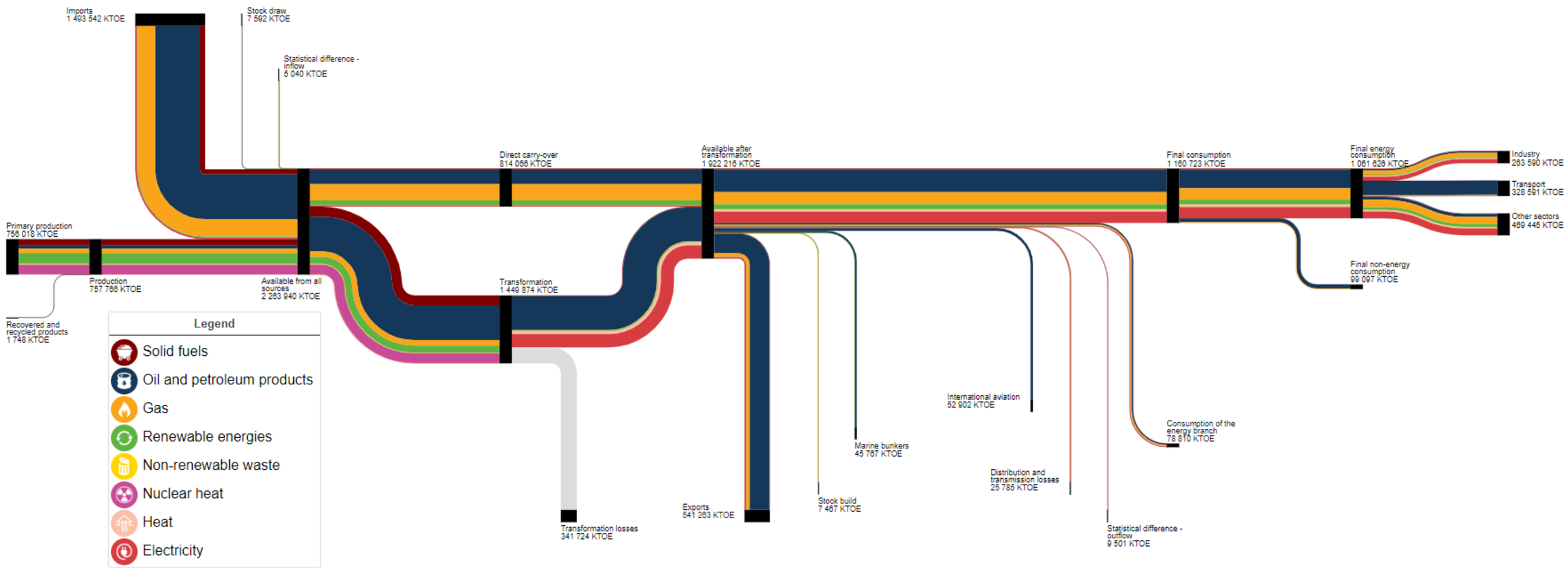
Example of a disaggregation of the final non-energy consumption node



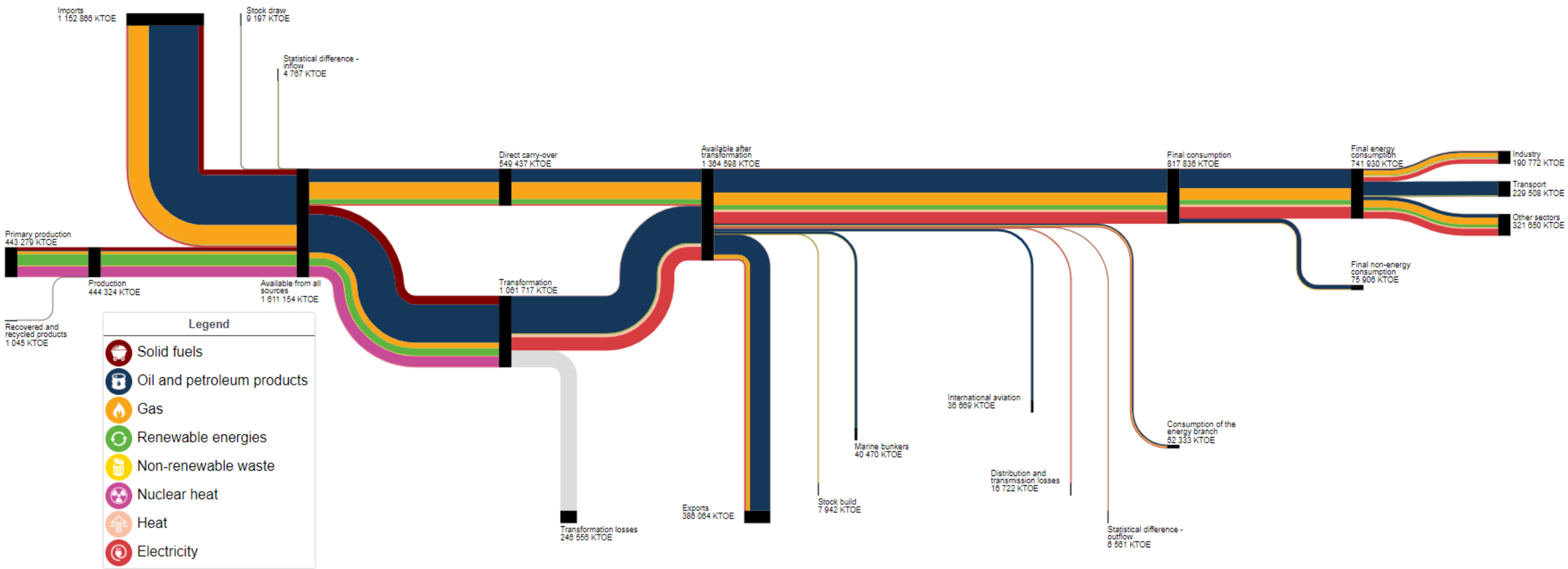
European Union (27 countries) 2018



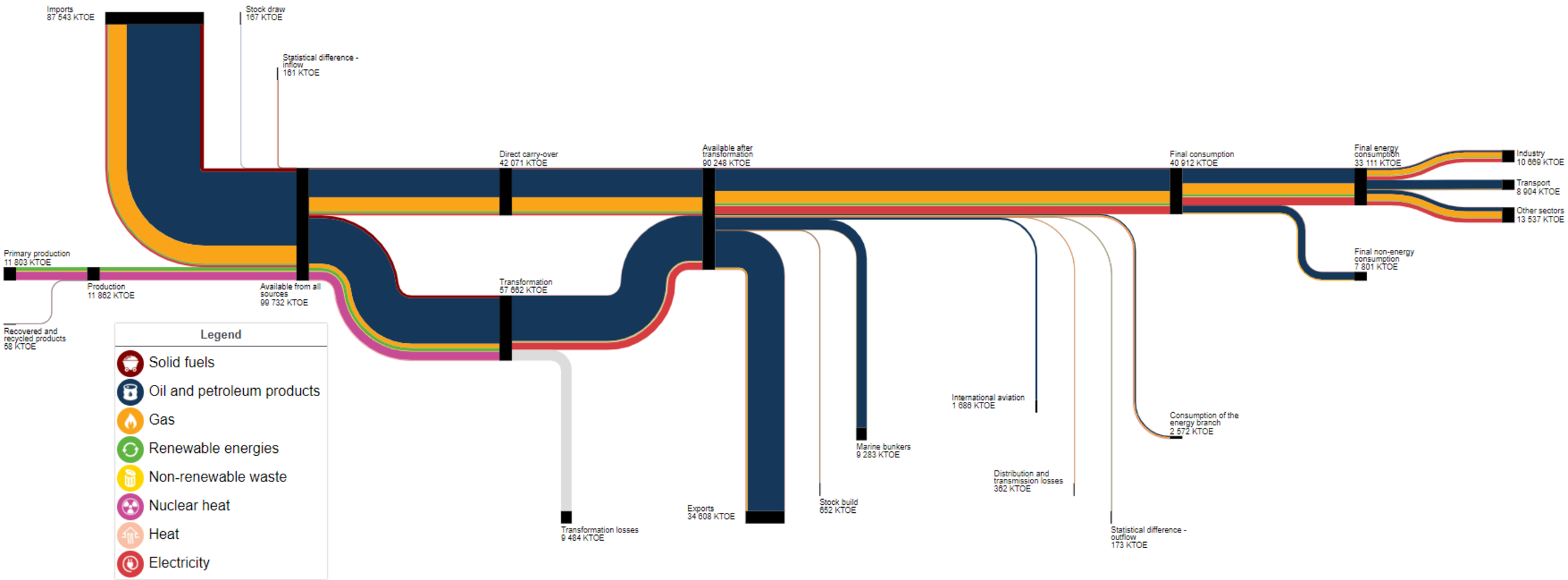
European Union (28 countries) 2018



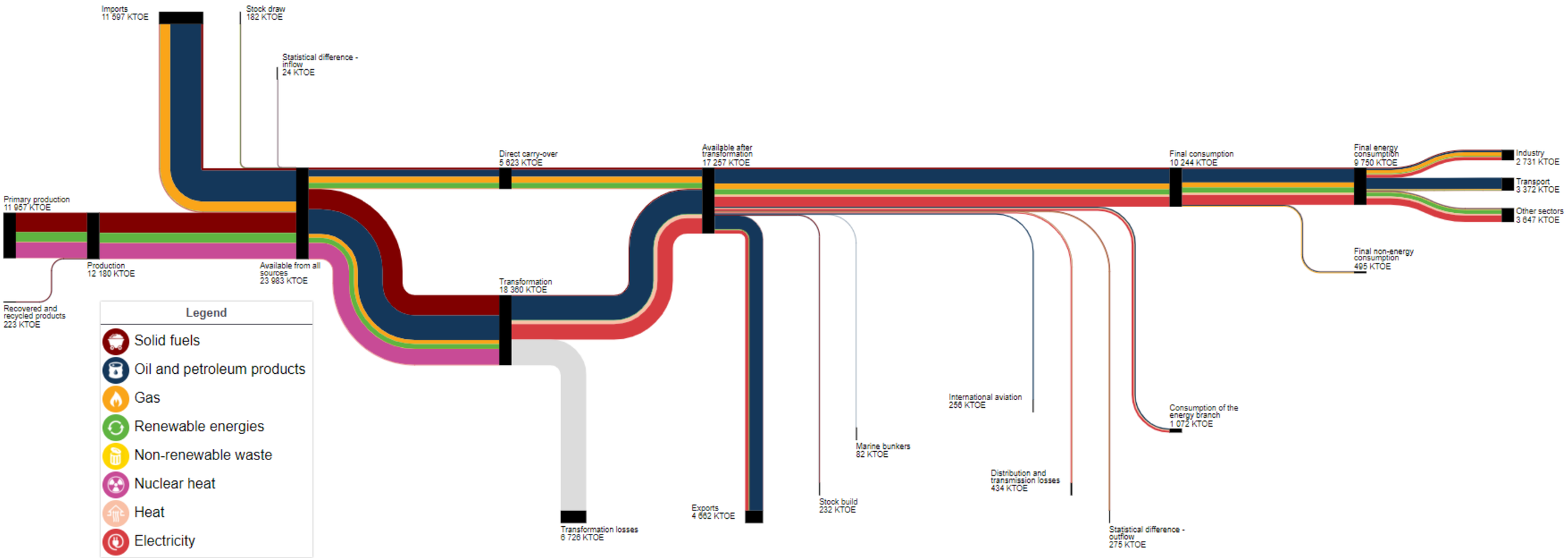
Euro Area (19 countries) 2018



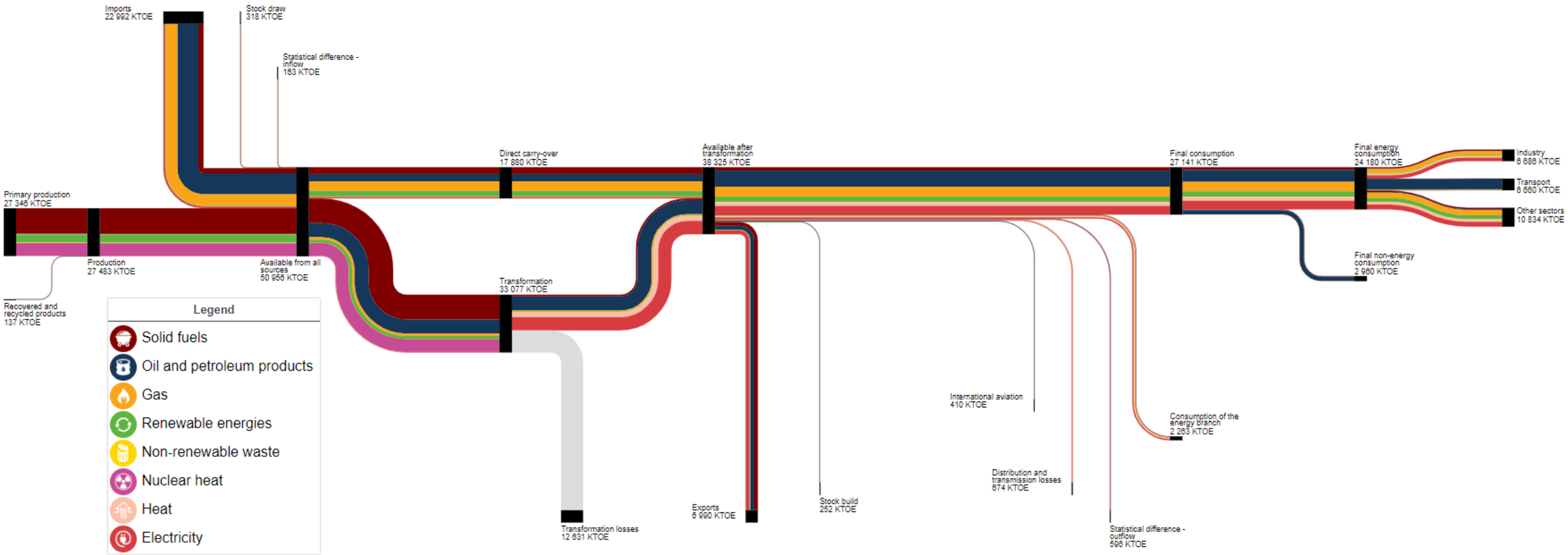
Belgium 2018



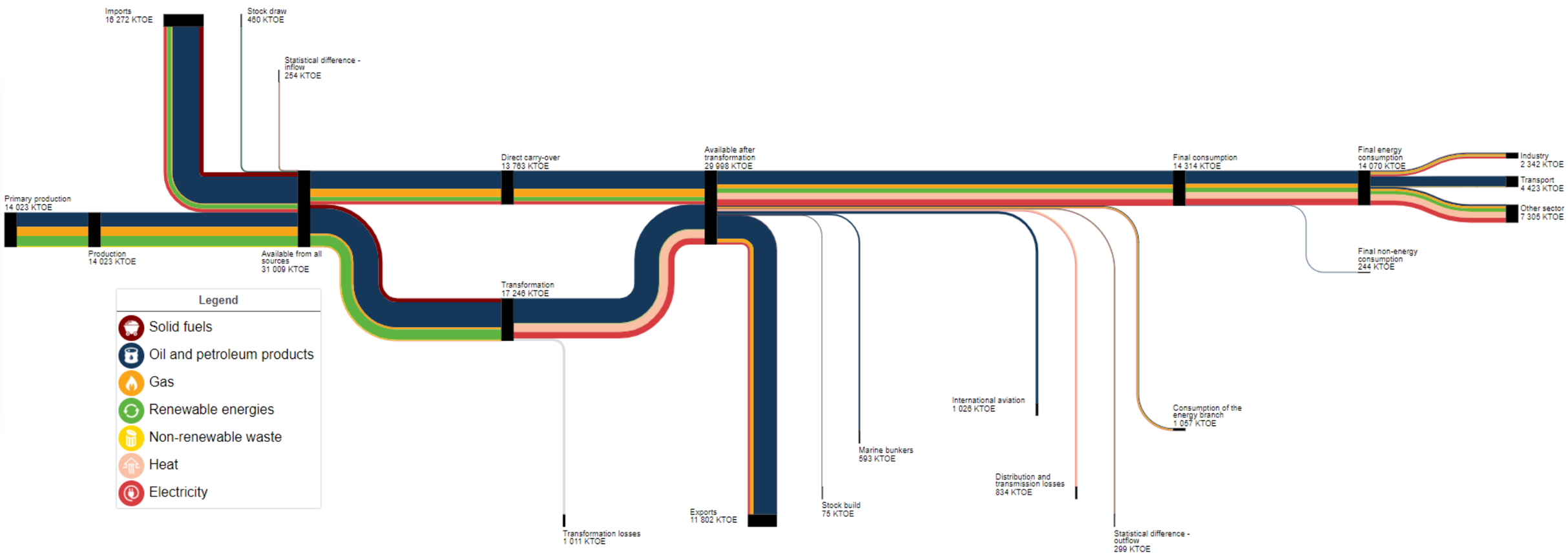
Bulgaria 2018



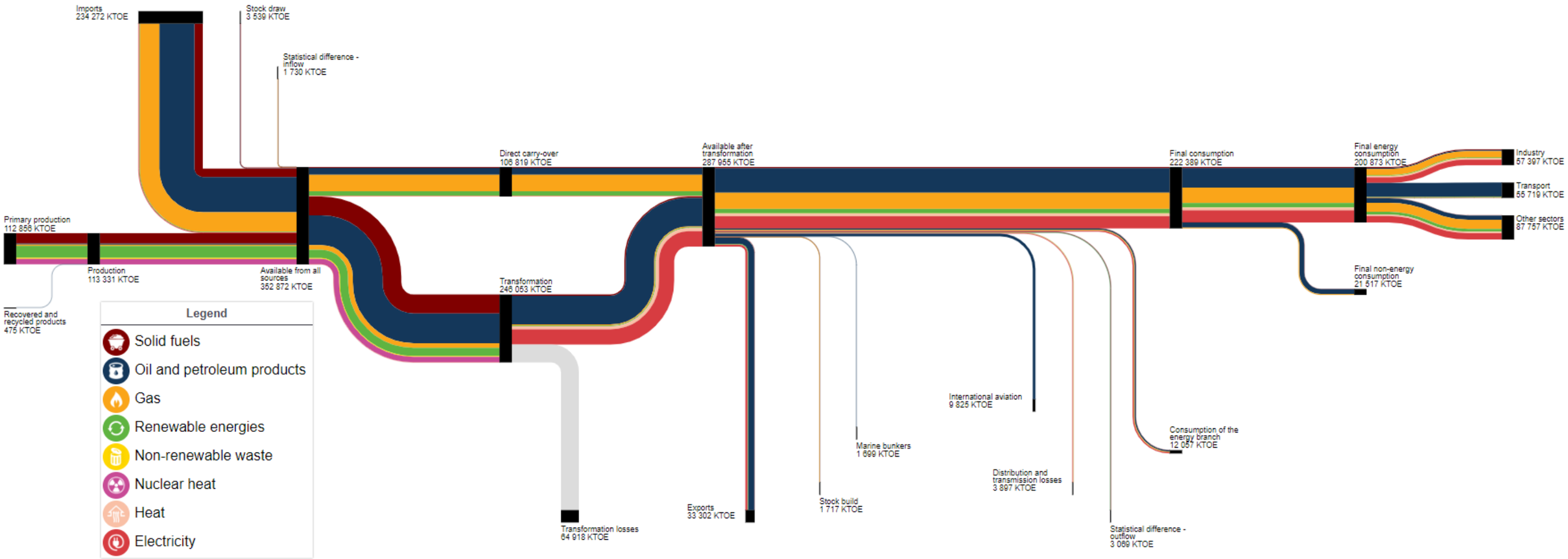
Czechia 2018



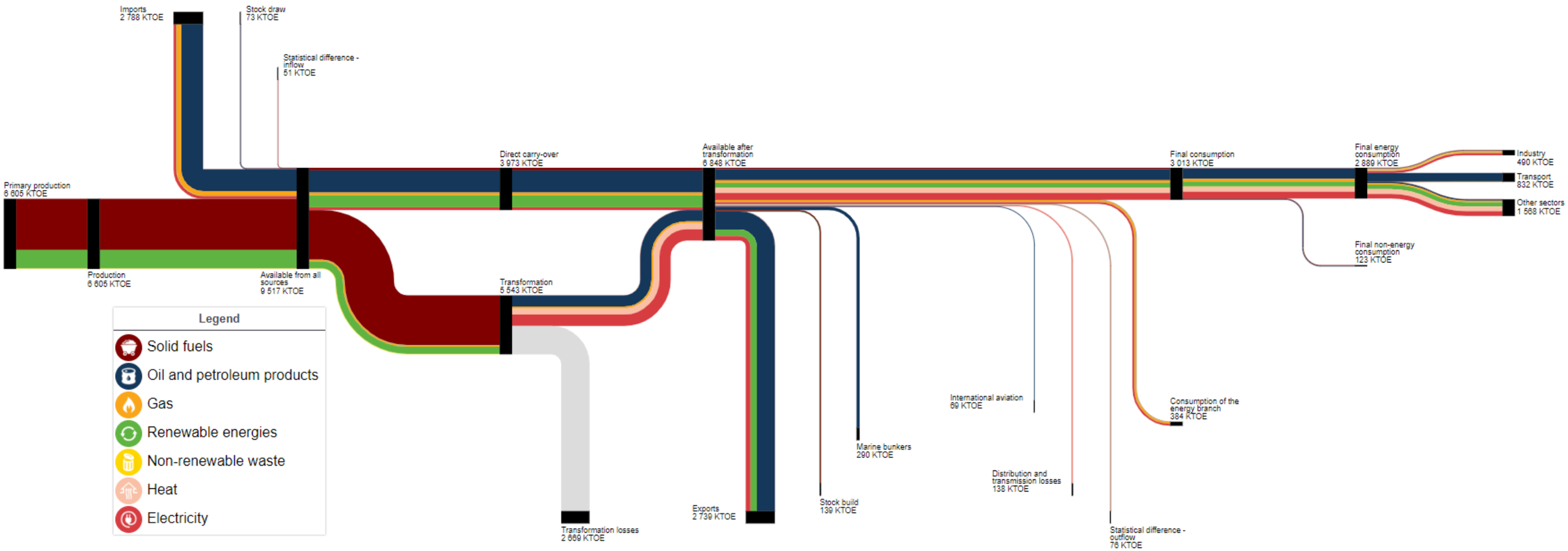
Denmark 2018



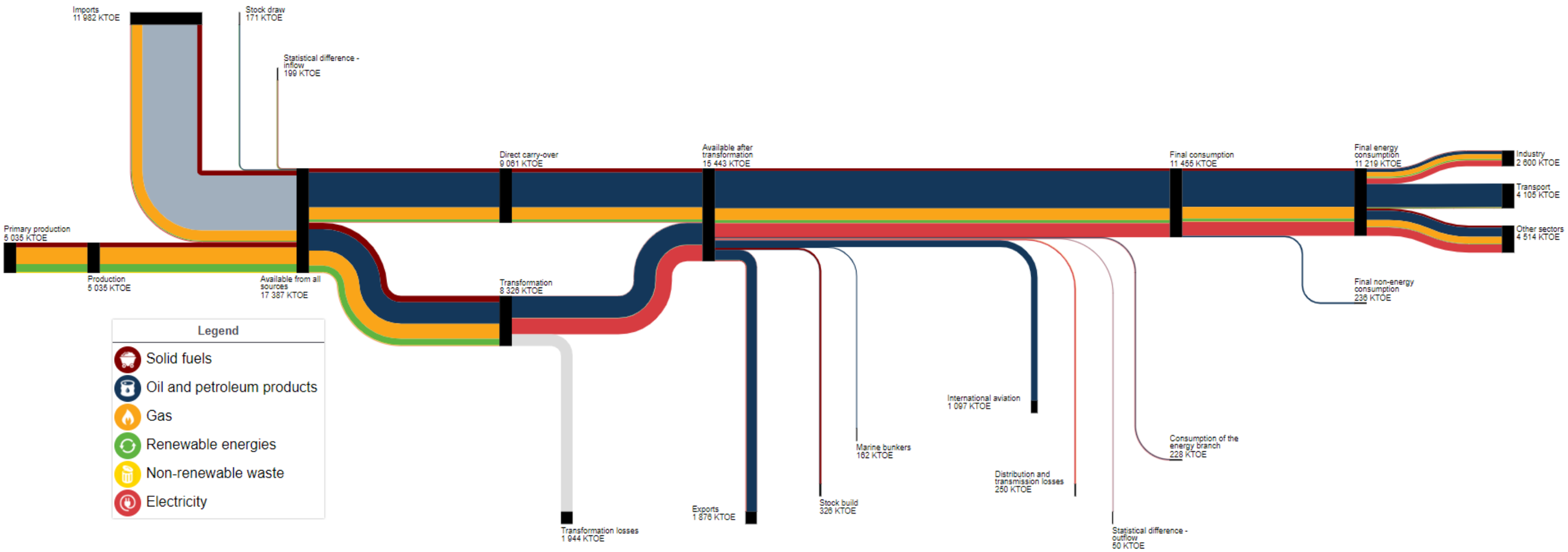
Germany 2018



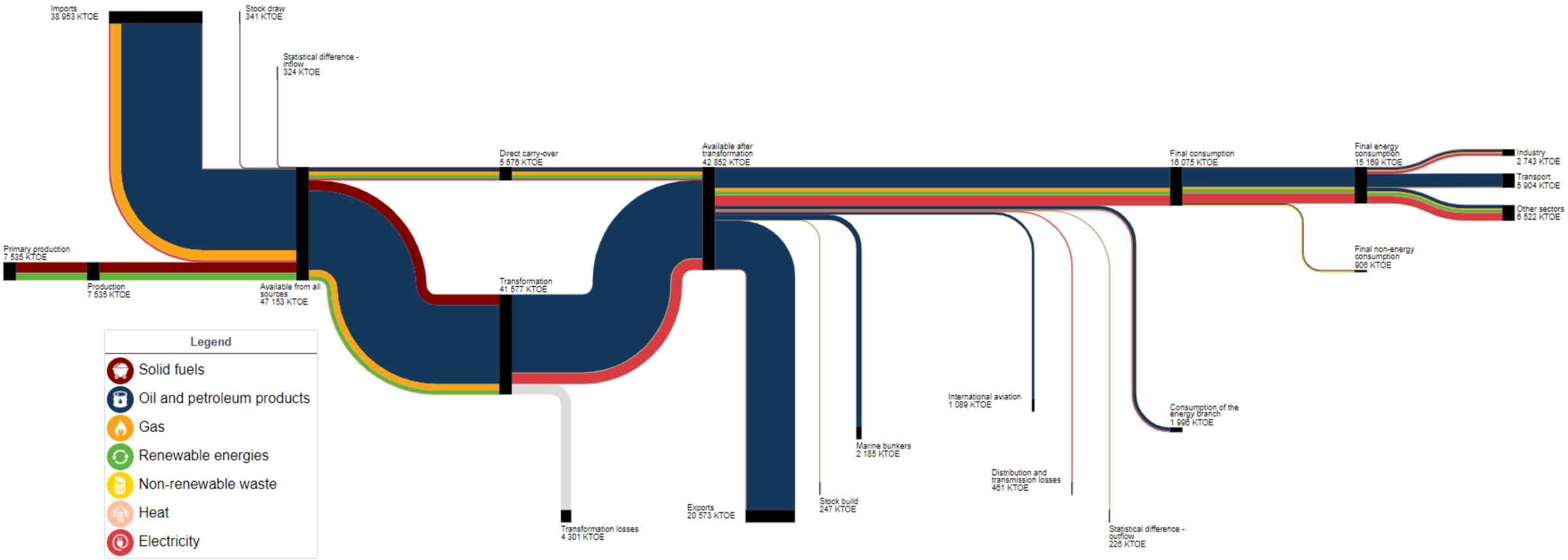
Estonia 2018



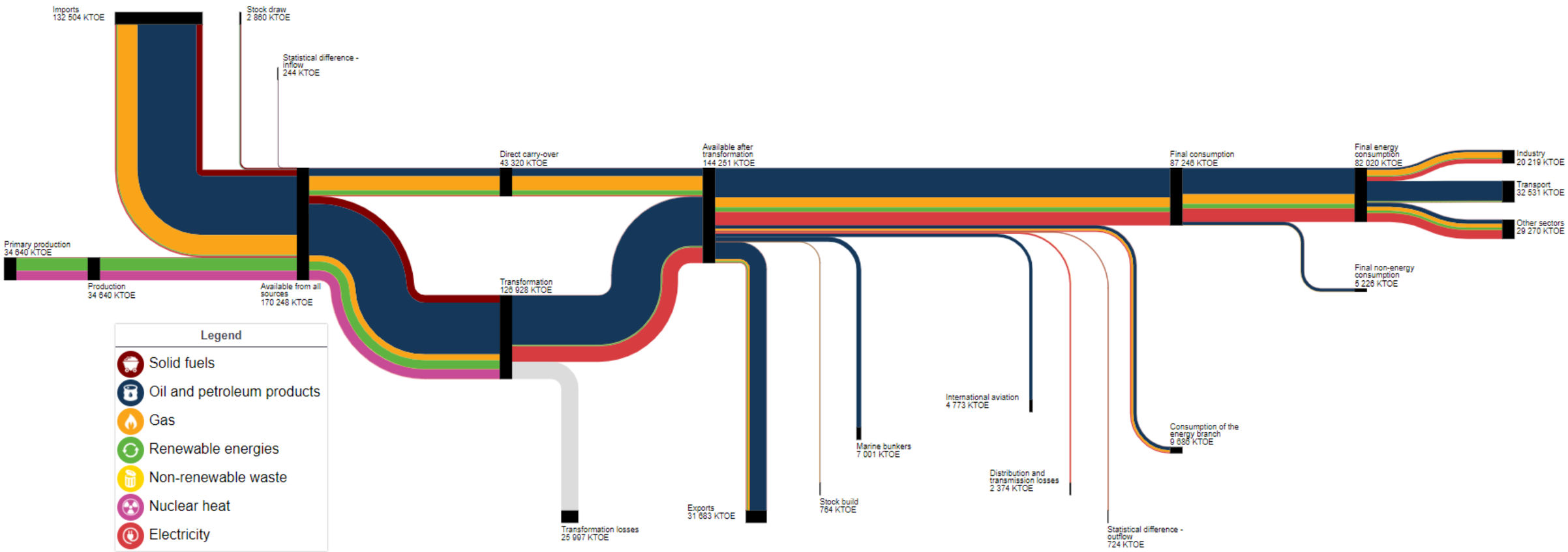
Ireland 2018



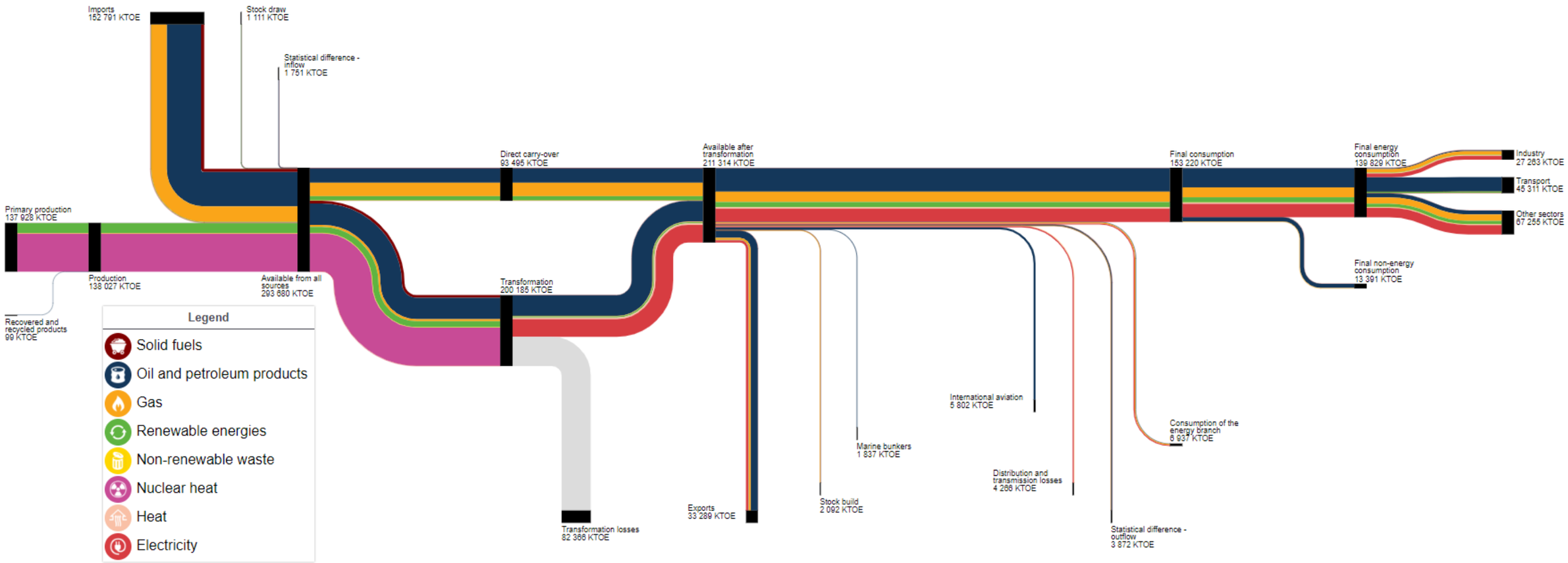
Greece 2018


Imports
38 953 KTOE
Stock draw
341 KTOE
Statistical difference - inflow
324 KTOE
Primary production
7 535 KTOE
Production
7 535 KTOE
Available from all sources
47 153 KTOE
Direct carry-over
5 576 KTOE
Transformation
41 577 KTOE
Transformation losses
4 301 KTOE
Available after transformation
42 852 KTOE
Exports
20 573 KTOE
Stock build
247 KTOE
Marine bunkers
2 185 KTOE
International aviation
1 089 KTOE
Distribution and transmission losses
461 KTOE
Final consumption
18 075 KTOE
Consumption of the energy branch
1 996 KTOE
Statistical difference - outflow
226 KTOE
Final energy consumption
15 189 KTOE
Final non-energy consumption
906 KTOE
Industry
2 743 KTOE
Transport
5 904 KTOE
Other sectors
6 522 KTOE
Legend
Solid fuels
Oil and petroleum products
Gas
Renewable energies
Non-renewable waste
Heat
Electricity

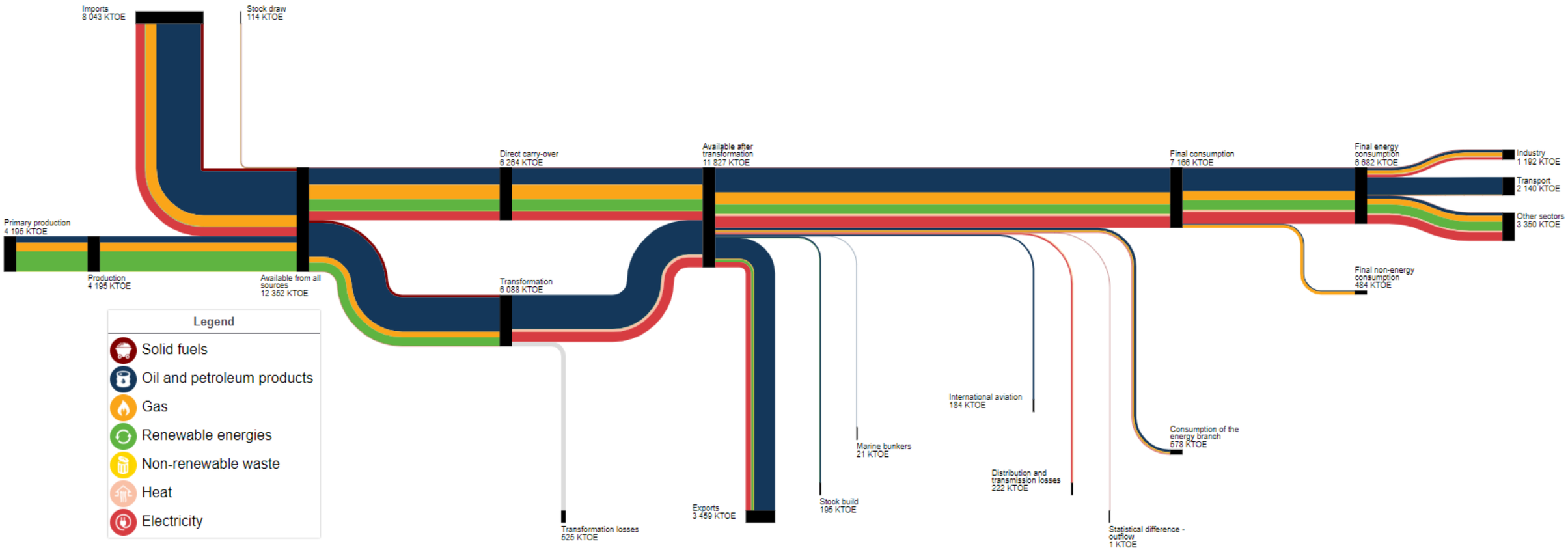
Spain 2018


Imports
132 504 KTOE
Stock draw
2 860 KTOE
Statistical difference - inflow
244 KTOE
Primary production
34 640 KTOE
Production
34 640 KTOE
Available from all sources
170 248 KTOE
Direct carry-over
43 320 KTOE
Transformation
126 928 KTOE
Transformation losses
25 997 KTOE
Available after transformation
144 251 KTOE
Exports
31 883 KTOE
Stock build
764 KTOE
Marine bunkers
7 001 KTOE
International aviation
4 773 KTOE
Distribution and transmission losses
2 374 KTOE
Final consumption
87 246 KTOE
Final energy consumption
82 020 KTOE
Final non-energy consumption
5 226 KTOE
Consumption of the energy branch
9 688 KTOE
Statistical difference - outflow
724 KTOE
Industry
20 219 KTOE
Transport
32 531 KTOE
Other sectors
29 270 KTOE
Legend
Solid fuels
Oil and petroleum products
Gas
Renewable energies
Non-renewable waste
Nuclear heat
Electricity

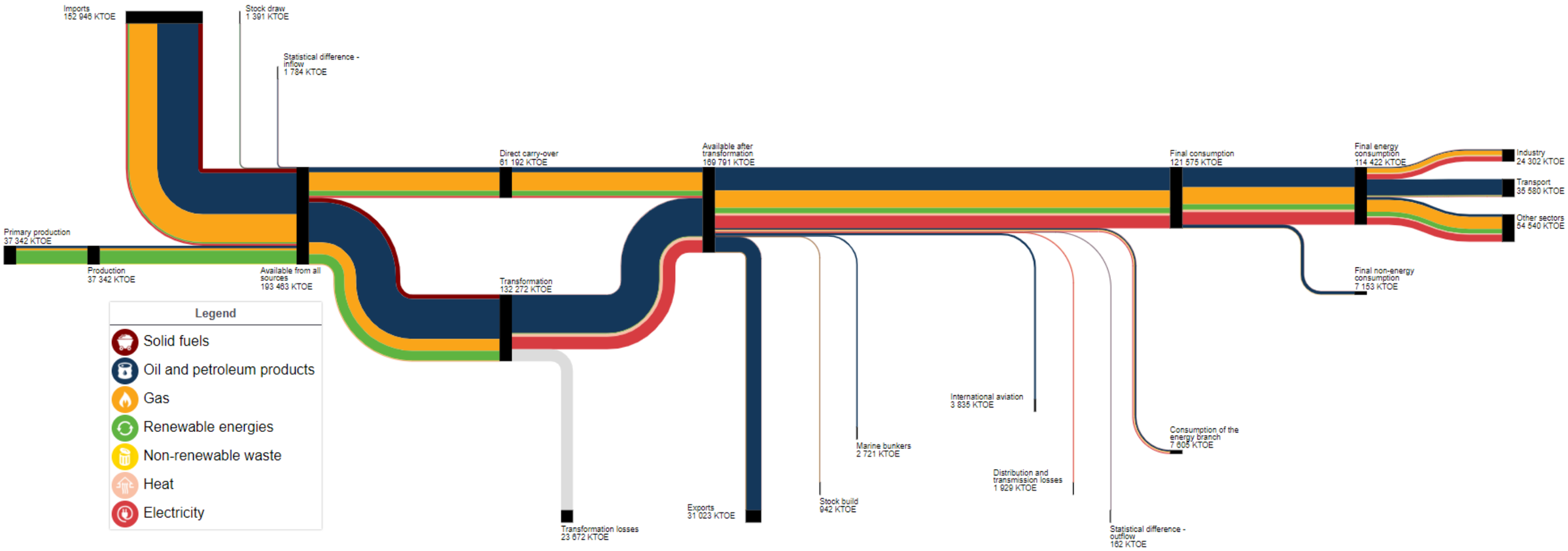
France 2018


Imports
152 791 KTOE
Stock draw
1 111 KTOE
Statistical difference - inflow
1 751 KTOE
Primary production
137 928 KTOE
Production
138 027 KTOE
Recovered and recycled products
99 KTOE
Available from all sources
293 680 KTOE
Direct carry-over
93 495 KTOE
Transformation
200 185 KTOE
Transformation losses
82 366 KTOE
Available after transformation
211 314 KTOE
Exports
33 289 KTOE
Stock build
2 092 KTOE
Marine bunkers
1 837 KTOE
International aviation
5 802 KTOE
Distribution and transmission losses
4 266 KTOE
Final consumption
153 220 KTOE
Consumption of the energy branch
6 937 KTOE
Statistical difference - outflow
3 872 KTOE
Final energy consumption
139 829 KTOE
Final non-energy consumption
13 391 KTOE
Industry
27 263 KTOE
Transport
45 311 KTOE
Other sectors
67 255 KTOE
Legend
Solid fuels
Oil and petroleum products
Gas
Renewable energies
Non-renewable waste
Nuclear heat
Heat
Electricity

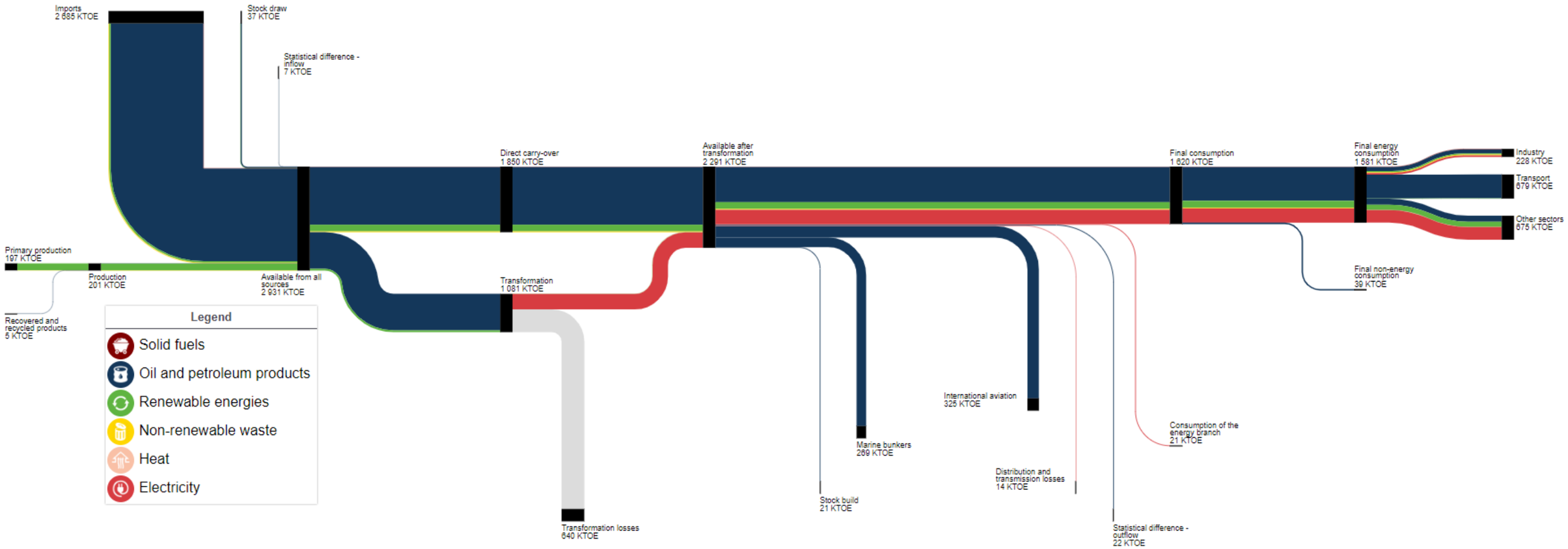
Croatia 2018



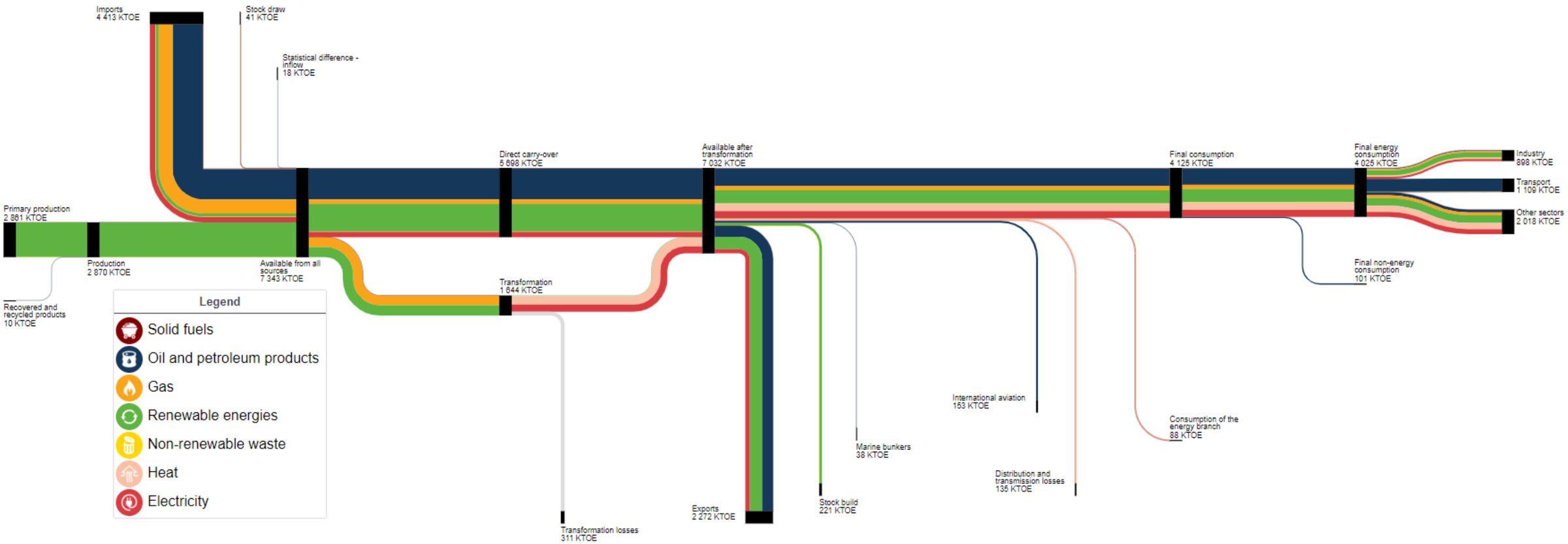
Italy 2018


Imports
152 946 KTOE
Stock draw
1 391 KTOE
Statistical difference - inflow
1 784 KTOE
Primary production
37 342 KTOE
Production
37 342 KTOE
Available from all sources
193 463 KTOE
Direct carry-over
61 192 KTOE
Transformation
132 272 KTOE
Transformation losses
23 672 KTOE
Available after transformation
189 791 KTOE
Exports
31 023 KTOE
Stock build
842 KTOE
Marine bunkers
2 721 KTOE
International aviation
3 835 KTOE
Distribution and transmission losses
1 929 KTOE
Final consumption
121 575 KTOE
Consumption of the energy branch
7 605 KTOE
Statistical difference - outflow
162 KTOE
Final energy consumption
114 422 KTOE
Final non-energy consumption
7 153 KTOE
Industry
24 302 KTOE
Transport
35 580 KTOE
Other sectors
54 540 KTOE
Legend
Solid fuels
Oil and petroleum products
Gas
Renewable energies
Non-renewable waste
Heat
Electricity

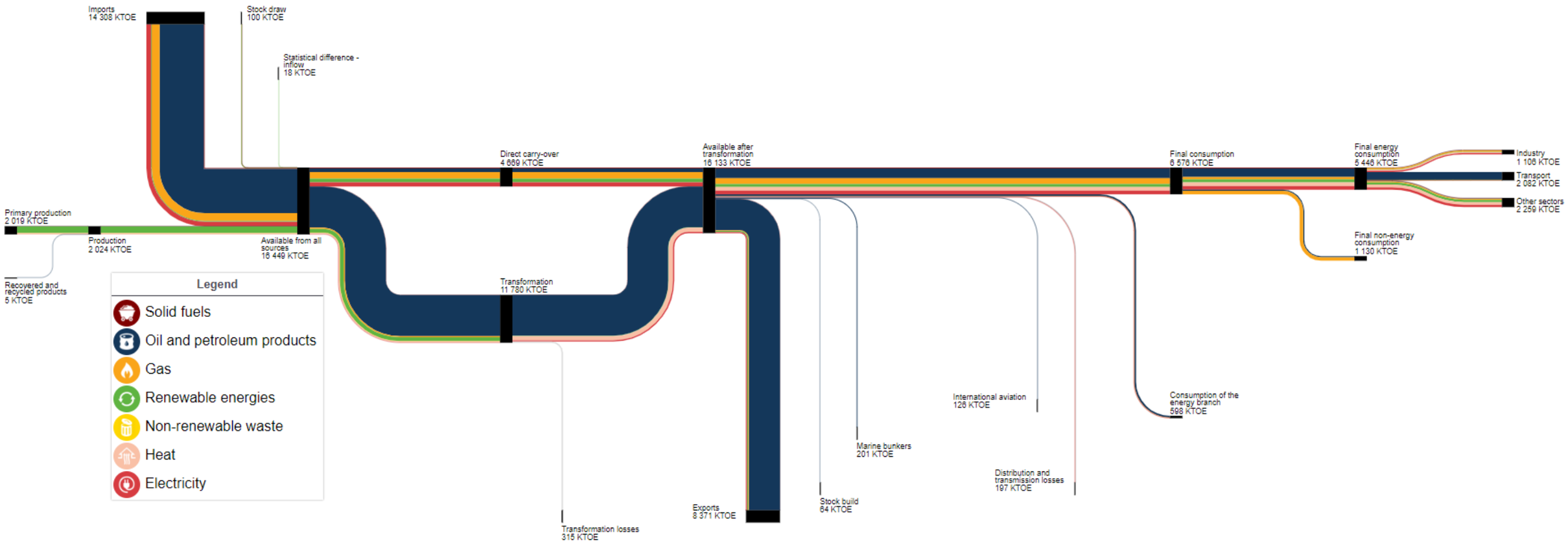
Cyprus 2018


Imports
2 685 KTOE
Stock draw
37 KTOE
Statistical difference - inflow
7 KTOE
Primary production
197 KTOE
Production
201 KTOE
Recovered and recycled products
5 KTOE
Available from all sources
2 931 KTOE
Direct carry-over
1 850 KTOE
Transformation
1 081 KTOE
Transformation losses
640 KTOE
Available after transformation
2 291 KTOE
Marine bunkers
269 KTOE
Stock build
21 KTOE
International aviation
325 KTOE
Distribution and transmission losses
14 KTOE
Final consumption
1 620 KTOE
Consumption of the energy branch
21 KTOE
Statistical difference - outflow
22 KTOE
Final energy consumption
1 581 KTOE
Final non-energy consumption
39 KTOE
Industry
228 KTOE
Transport
679 KTOE
Other sectors
675 KTOE
Legend
Solid fuels
Oil and petroleum products
Renewable energies
Non-renewable waste
Heat
Electricity

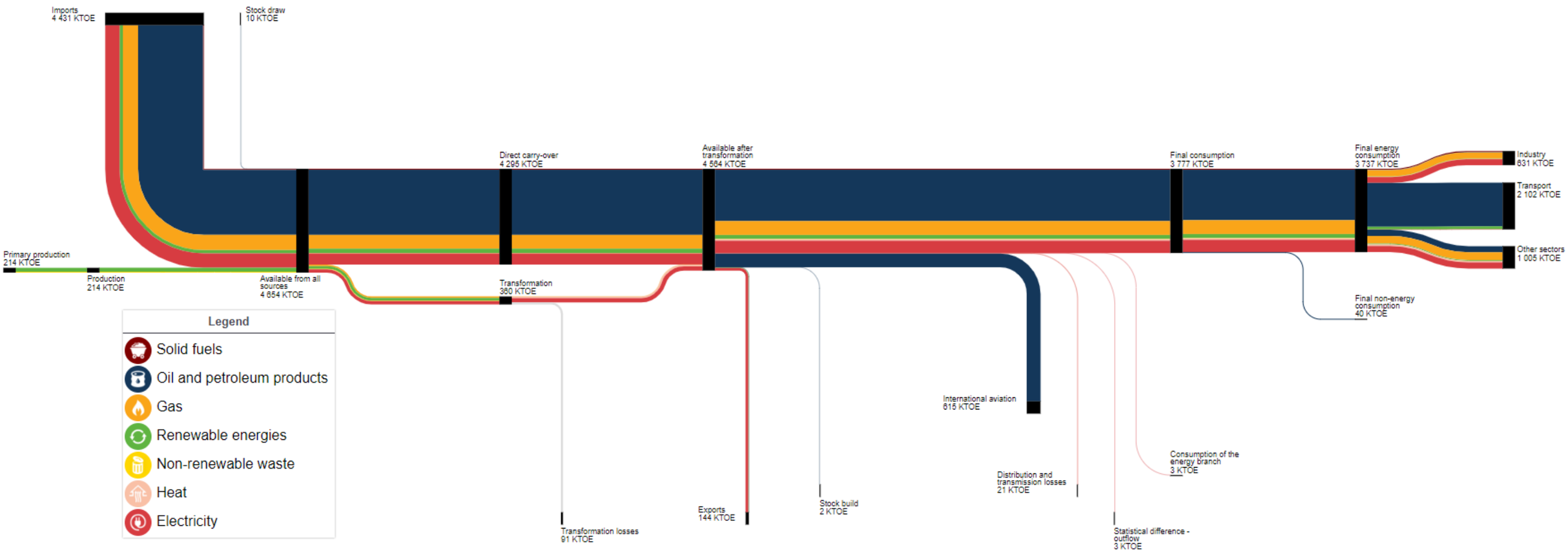
Latvia 2018


Imports
4 413 KTOE
Stock draw
41 KTOE
Statistical difference - inflow
18 KTOE
Primary production
2 861 KTOE
Production
2 870 KTOE
Recovered and recycled products
10 KTOE
Available from all sources
7 343 KTOE
Direct carry-over
5 698 KTOE
Transformation
1 644 KTOE
Transformation losses
311 KTOE
Available after transformation
7 032 KTOE
Exports
2 272 KTOE
Stock build
221 KTOE
Marine bunkers
38 KTOE
International aviation
153 KTOE
Distribution and transmission losses
135 KTOE
Consumption of the energy branch
88 KTOE
Final consumption
4 125 KTOE
Final non-energy consumption
101 KTOE
Final energy consumption
4 025 KTOE
Industry
898 KTOE
Transport
1 109 KTOE
Other sectors
2 018 KTOE
Legend
Solid fuels
Oil and petroleum products
Gas
Renewable energies
Non-renewable waste
Heat
Electricity

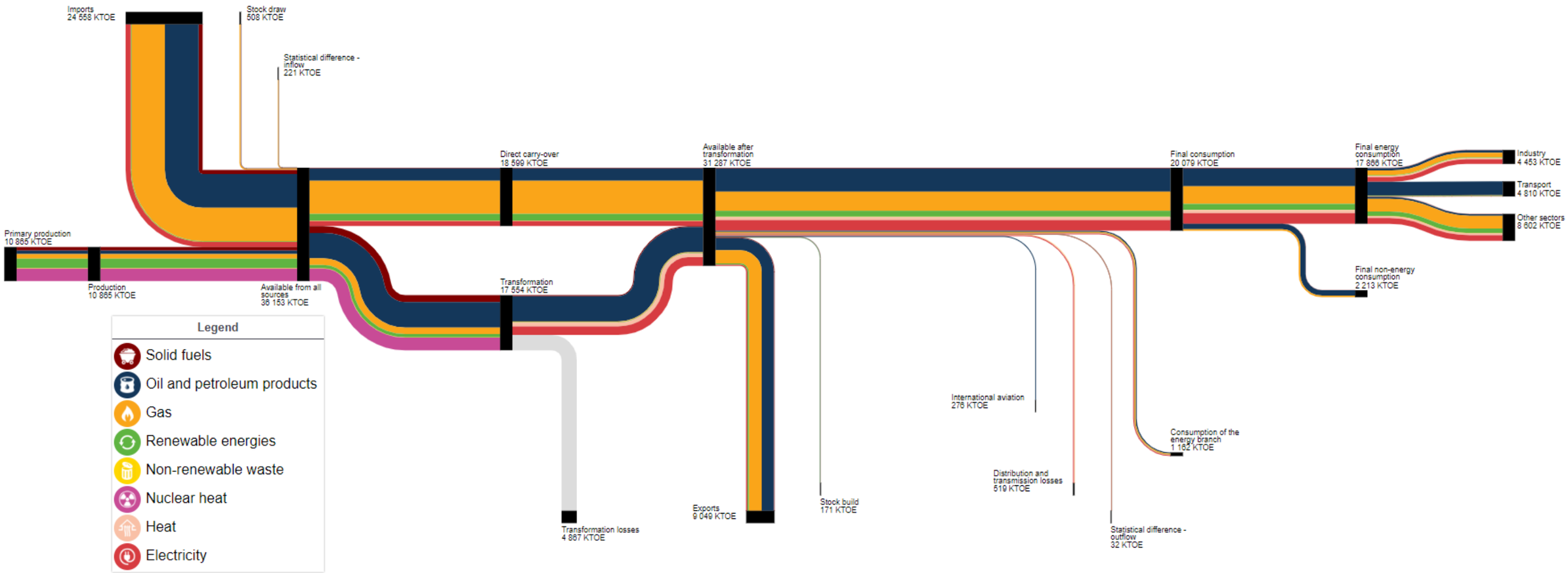
Lithuania 2018



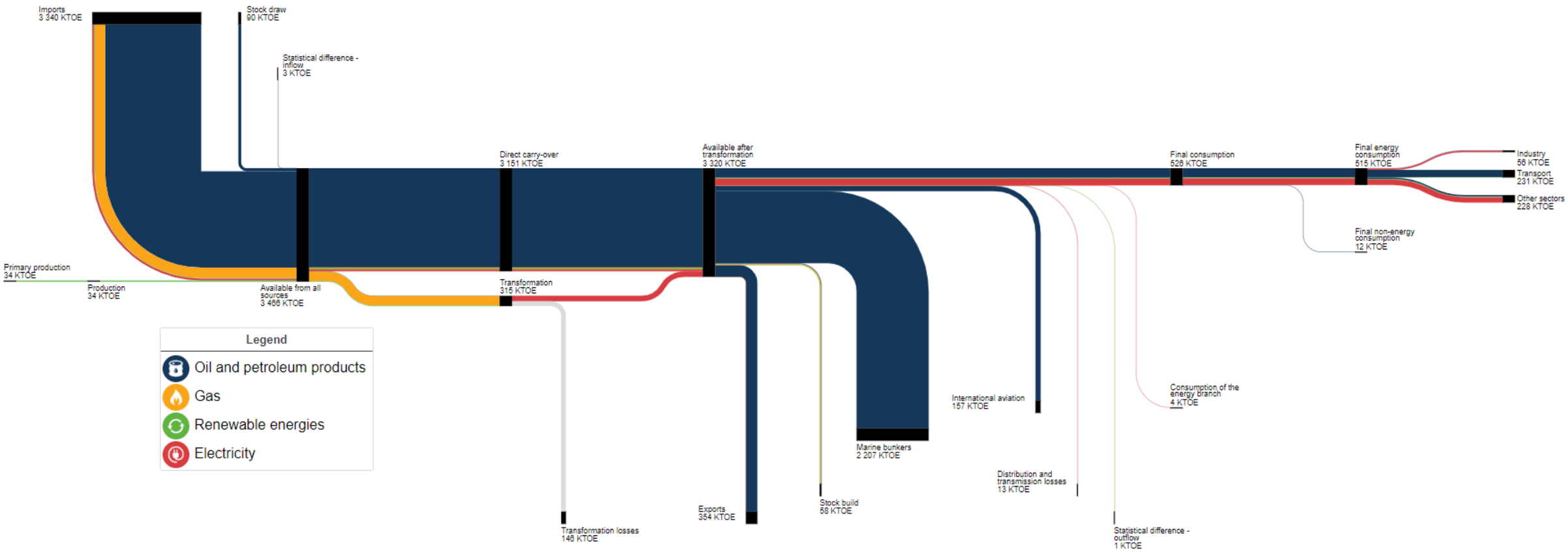
Luxembourg 2018



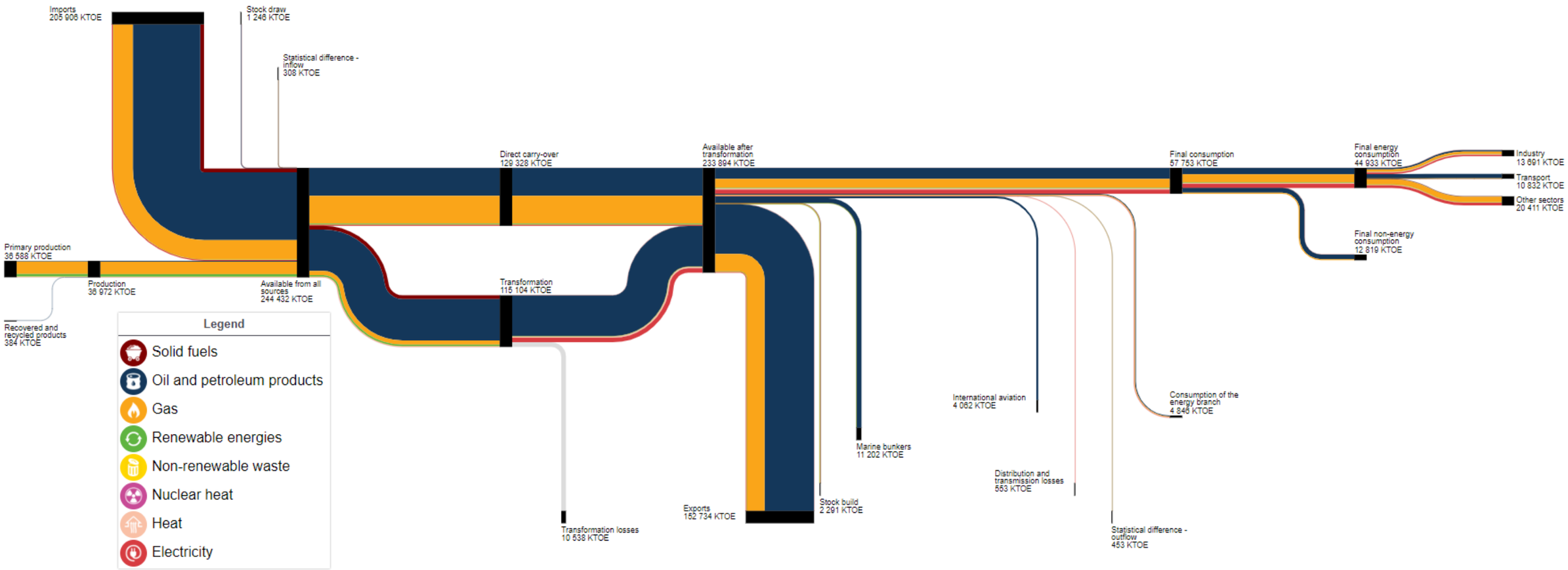
Hungary 2018



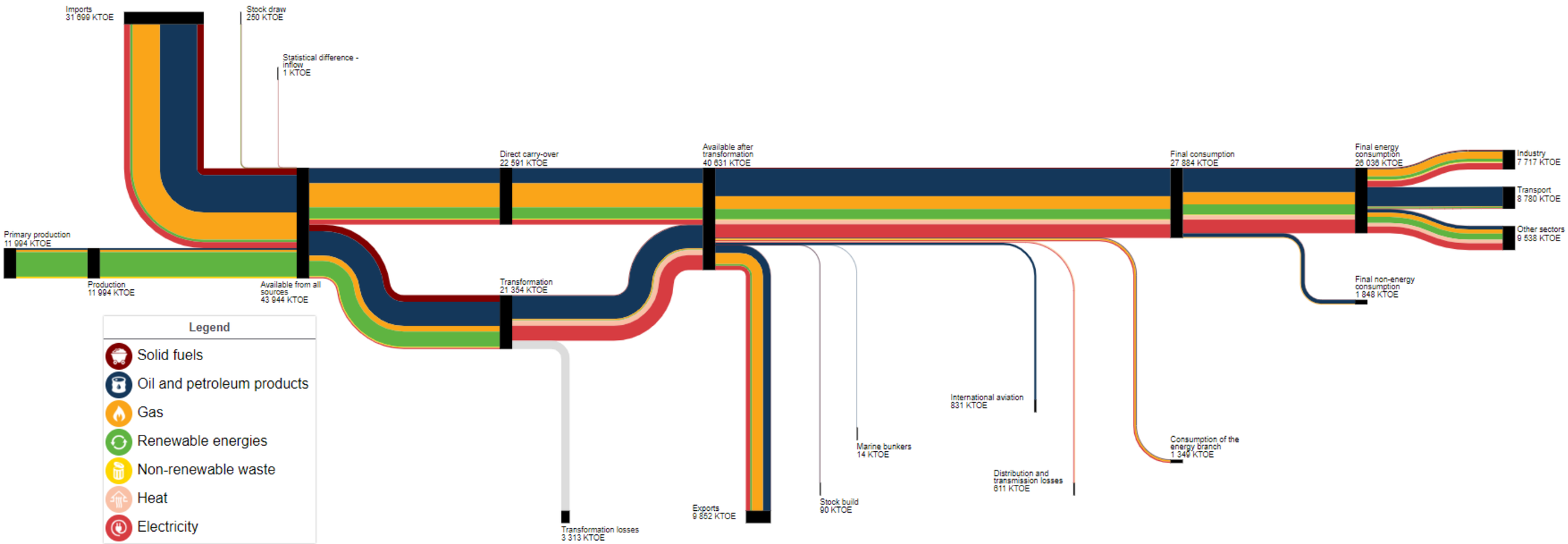
Malta 2018


Imports
3 340 KTOE
Stock draw
90 KTOE
Statistical difference - inflow
3 KTOE
Primary production
34 KTOE
Production
34 KTOE
Available from all sources
3 466 KTOE
Direct carry-over
3 151 KTOE
Transformation
315 KTOE
Transformation losses
146 KTOE
Available after transformation
3 320 KTOE
Exports
354 KTOE
Stock build
58 KTOE
Marine bunkers
2 207 KTOE
International aviation
157 KTOE
Distribution and transmission losses
13 KTOE
Final consumption
526 KTOE
Final energy consumption
515 KTOE
Final non-energy consumption
12 KTOE
Consumption of the energy branch
4 KTOE
Statistical difference - outflow
1 KTOE
Industry
56 KTOE
Transport
231 KTOE
Other sectors
228 KTOE
Legend
Oil and petroleum products
Gas
Renewable energies
Electricity

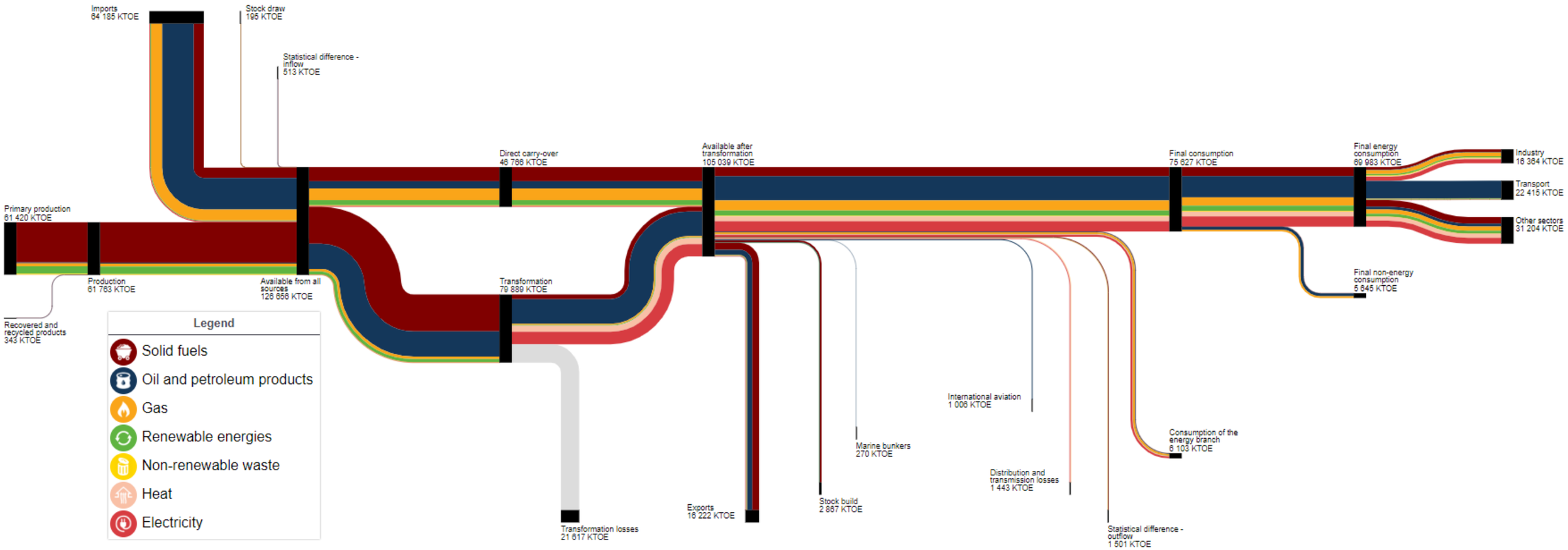
Netherlands 2018



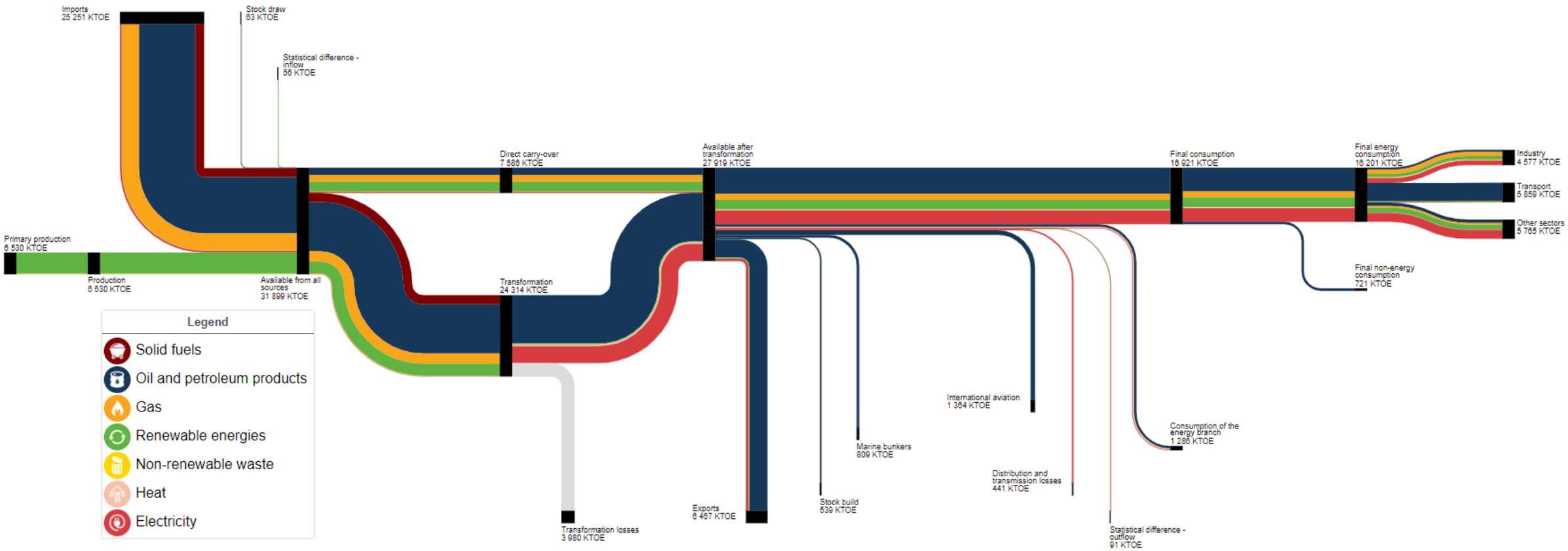
Austria 2018



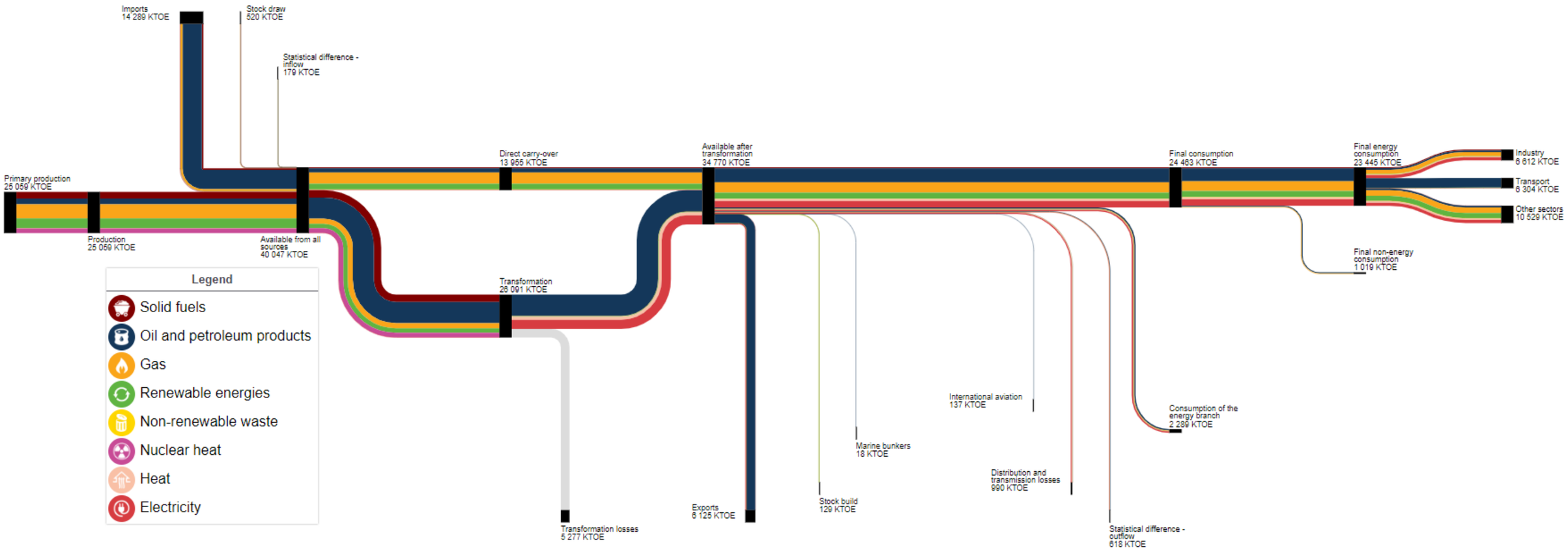
Poland 2018


Imports
64 185 KTOE
Stock draw
195 KTOE
Statistical difference - inflow
513 KTOE
Primary production
61 420 KTOE
Production
61 763 KTOE
Recovered and recycled products
343 KTOE
Available from all sources
126 856 KTOE
Direct carry-over
46 766 KTOE
Transformation
79 889 KTOE
Transformation losses
21 617 KTOE
Available after transformation
105 039 KTOE
Exports
16 222 KTOE
Stock build
2 867 KTOE
Marine bunkers
270 KTOE
International aviation
1 006 KTOE
Distribution and transmission losses
1 443 KTOE
Final consumption
75 627 KTOE
Consumption of the energy branch
6 103 KTOE
Statistical difference - outflow
1 501 KTOE
Final energy consumption
69 983 KTOE
Final non-energy consumption
5 645 KTOE
Industry
16 364 KTOE
Transport
22 415 KTOE
Other sectors
31 204 KTOE
Legend
Solid fuels
Oil and petroleum products
Gas
Renewable energies
Non-renewable waste
Heat
Electricity

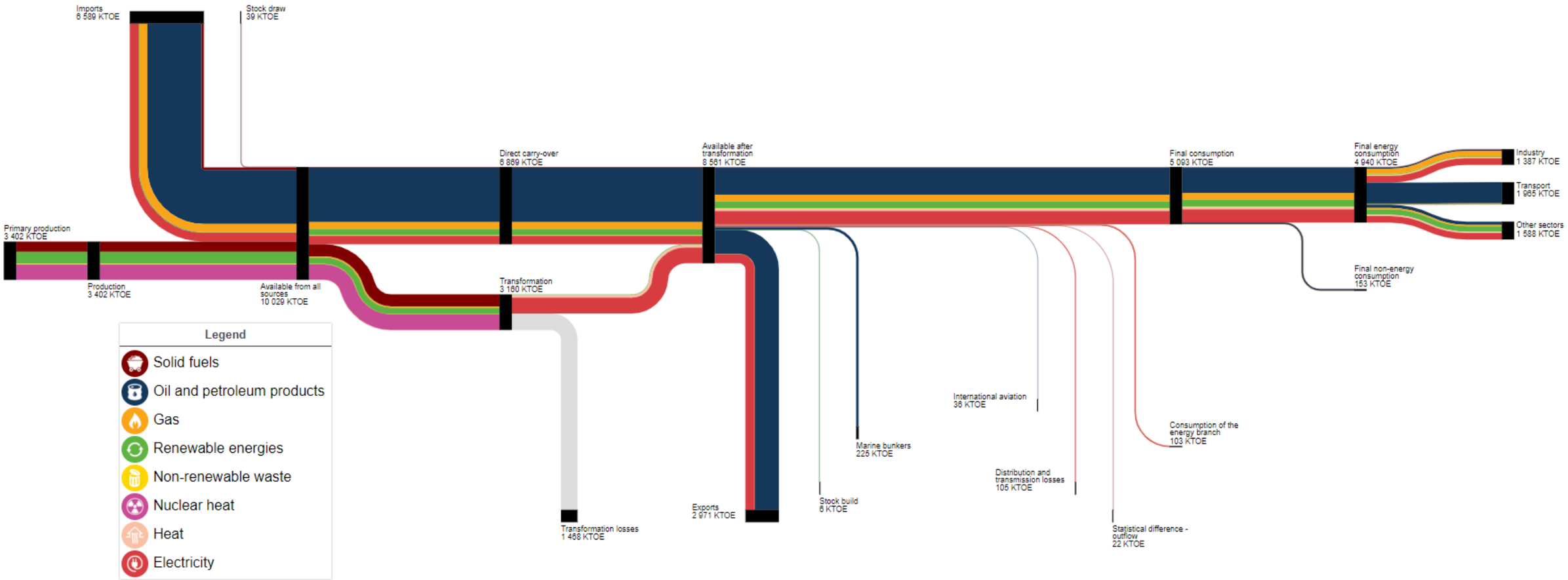
Portugal 2018



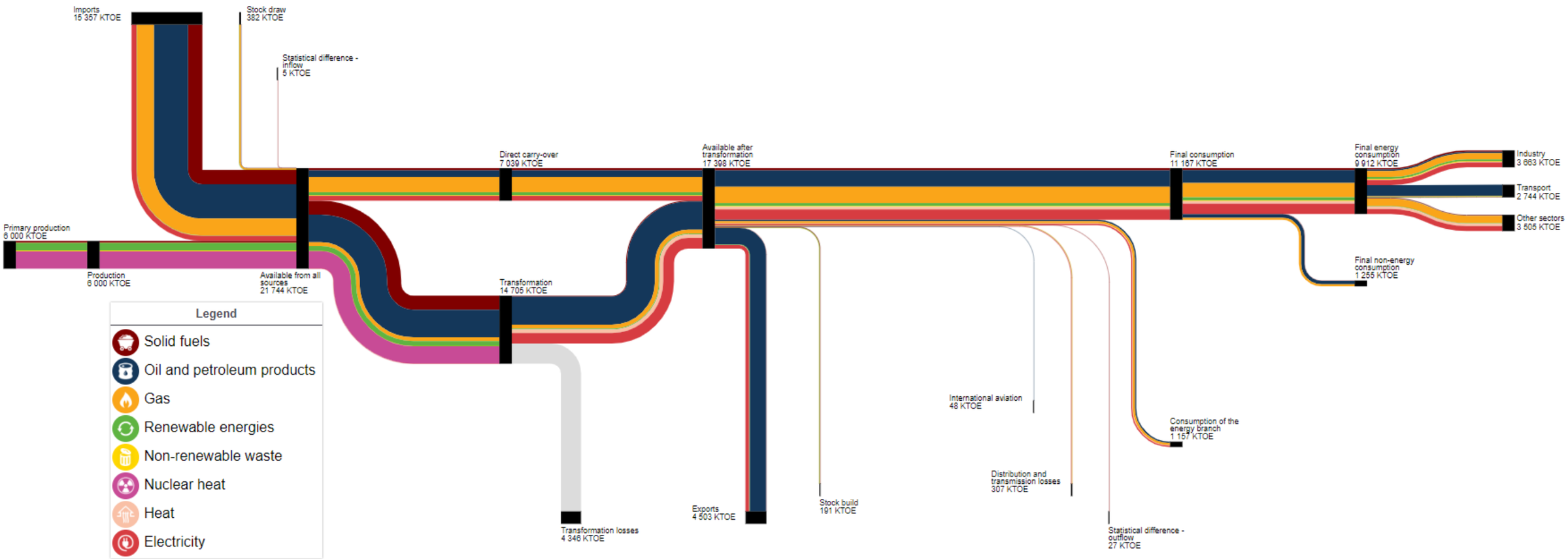
Romania 2018



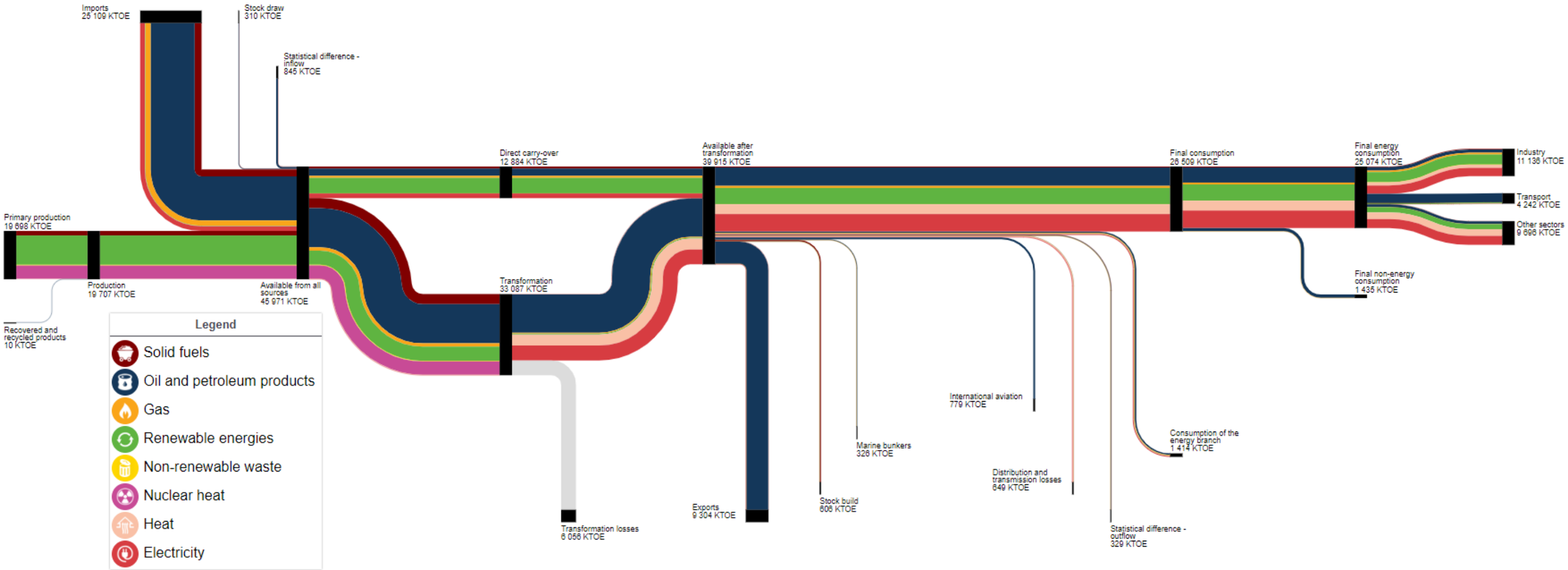
Slovenia 2018



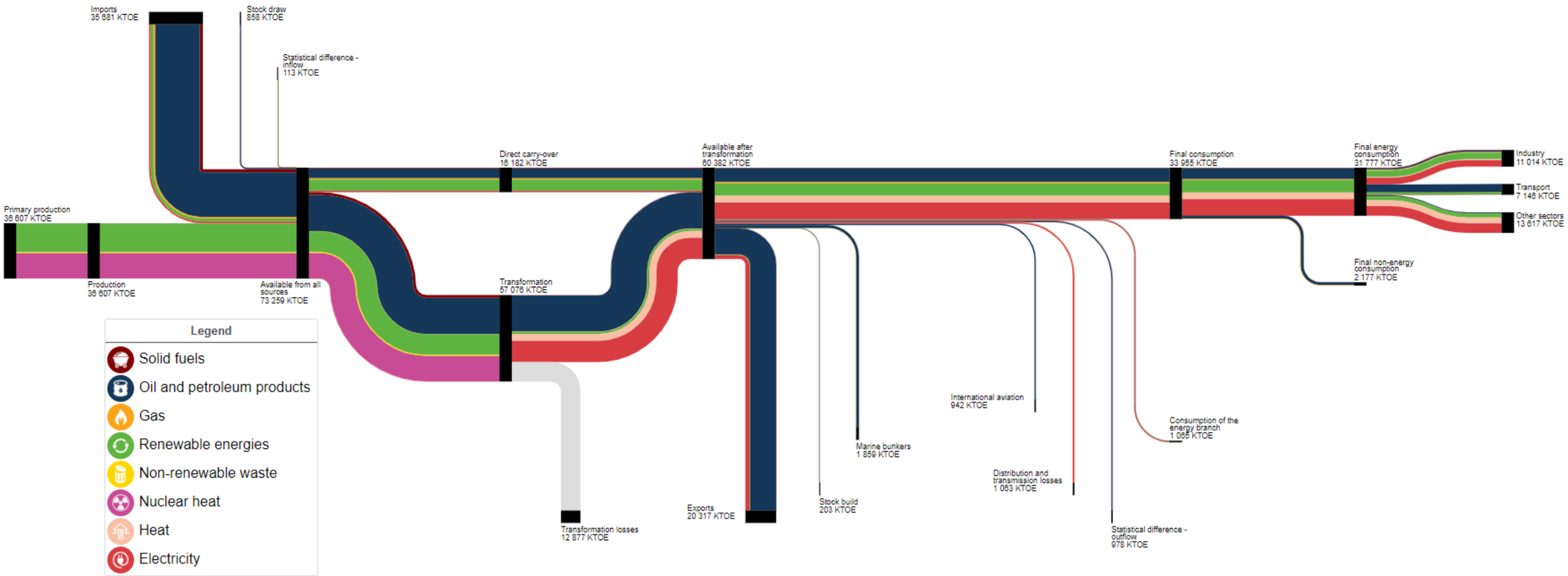
Slovakia 2018



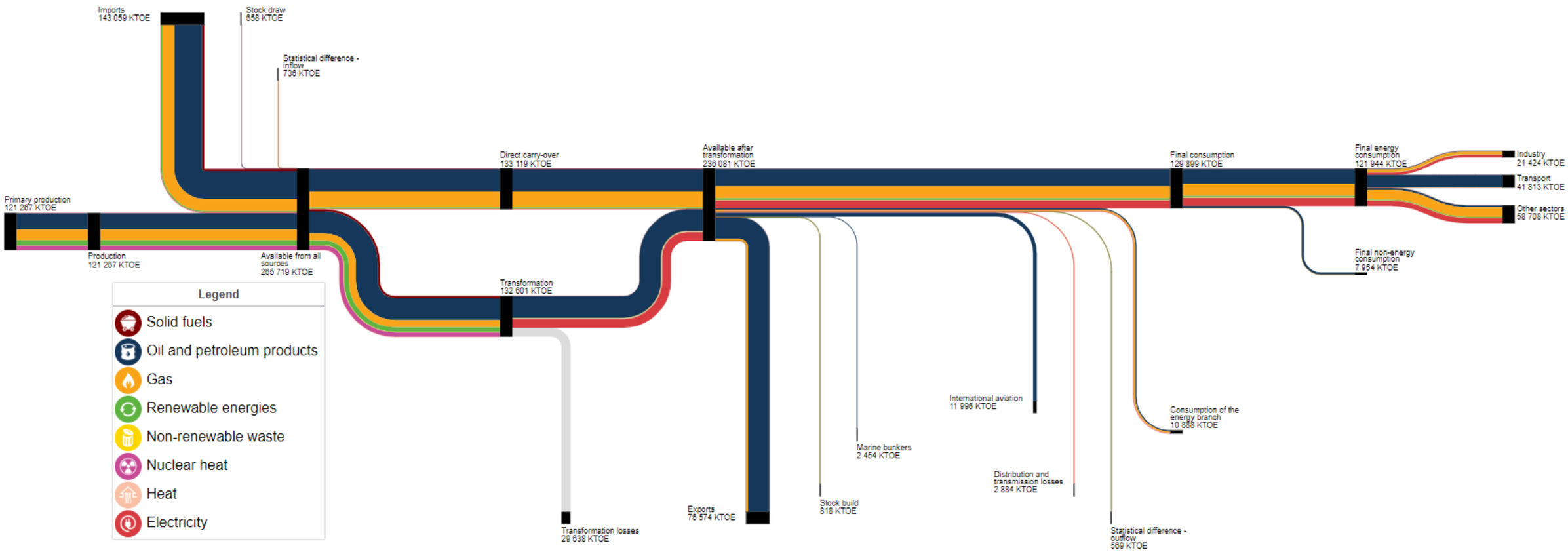
Finland 2018



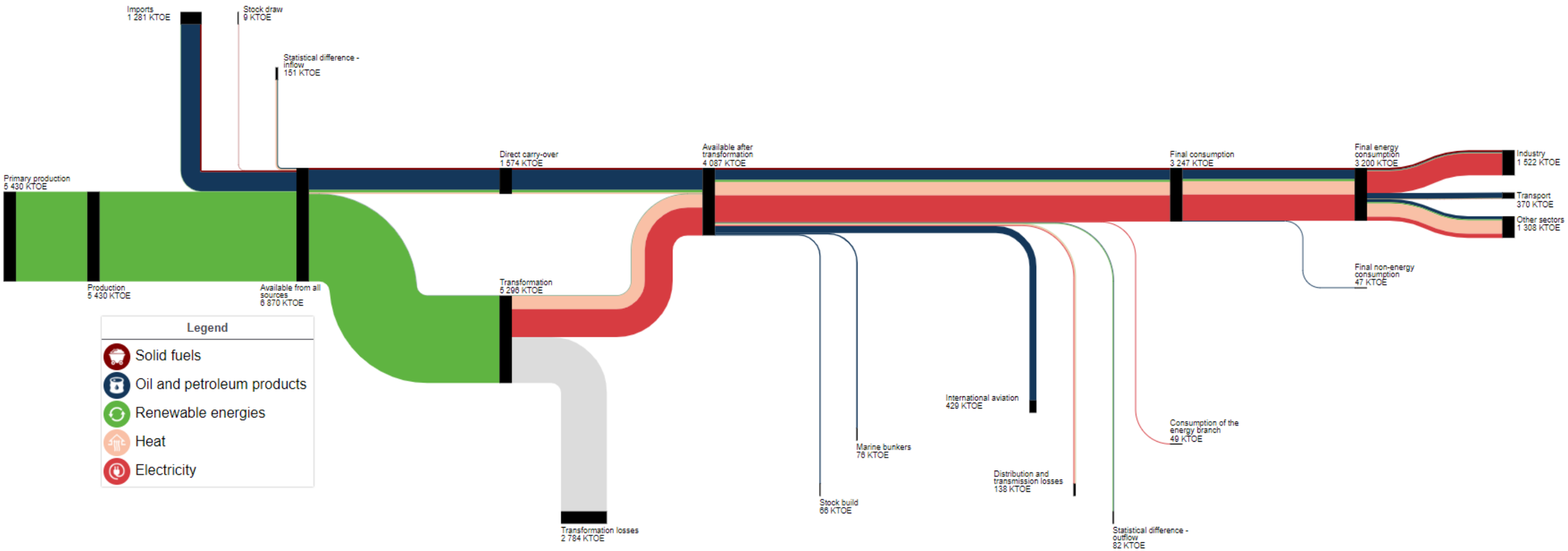
Sweden 2018


Imports
35 681 KTOE
Stock draw
858 KTOE
Statistical difference - inflow
113 KTOE
Primary production
36 607 KTOE
Production
36 607 KTOE
Available from all sources
73 259 KTOE
Direct carry-over
16 182 KTOE
Transformation
57 076 KTOE
Transformation losses
12 877 KTOE
Available after transformation
60 382 KTOE
Exports
20 317 KTOE
Stock build
203 KTOE
Marine bunkers
1 859 KTOE
International aviation
942 KTOE
Distribution and transmission losses
1 063 KTOE
Final consumption
33 955 KTOE
Consumption of the energy branch
1 065 KTOE
Statistical difference - outflow
978 KTOE
Final energy consumption
31 777 KTOE
Final non-energy consumption
2 177 KTOE
Industry
11 014 KTOE
Transport
7 146 KTOE
Other sectors
13 617 KTOE
Legend
Solid fuels
Oil and petroleum products
Gas
Renewable energies
Non-renewable waste
Nuclear heat
Heat
Electricity

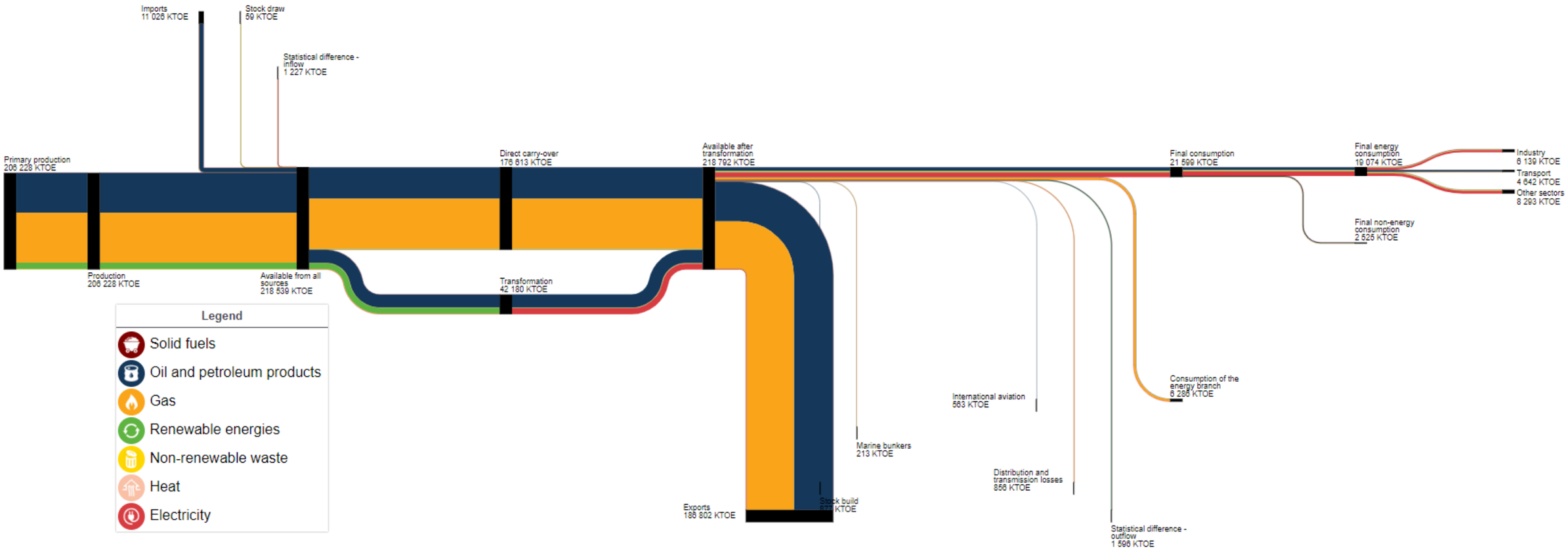
United Kingdom 2018



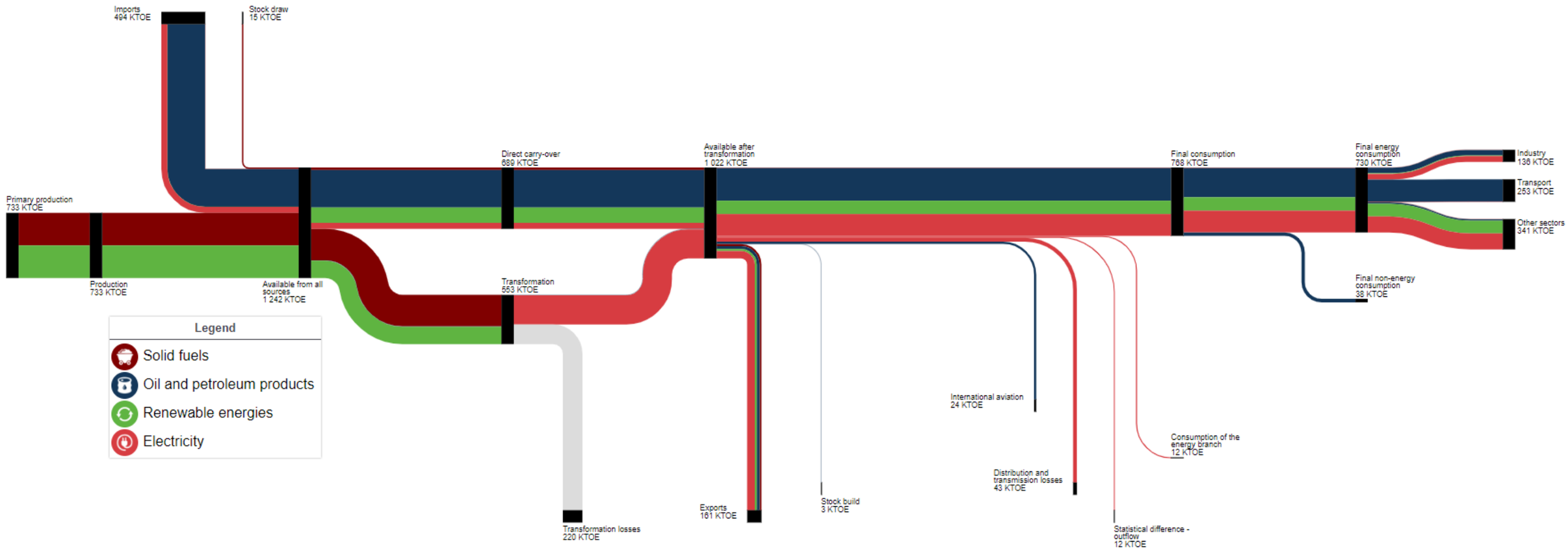
Iceland 2018



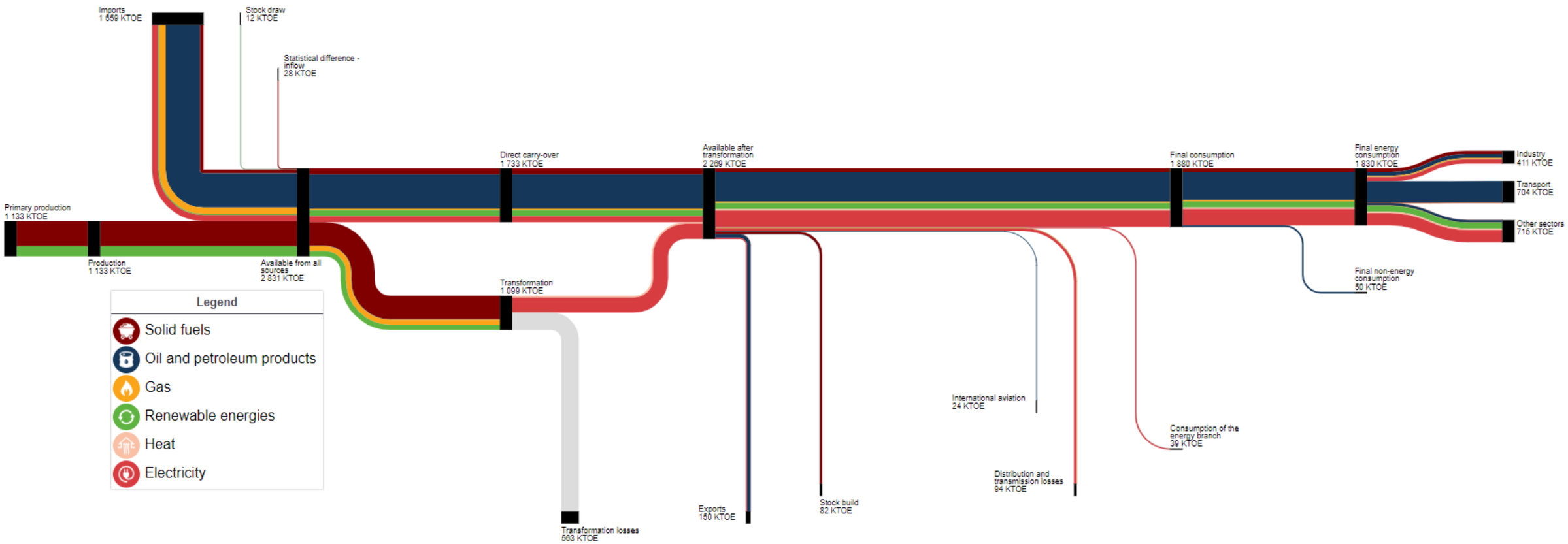
Norway 2018


Imports
11 026 KTOE
Stock draw
59 KTOE
Statistical difference - inflow
1 227 KTOE
Primary production
206 228 KTOE
Production
206 228 KTOE
Available from all sources
218 539 KTOE
Direct carry-over
176 613 KTOE
Transformation
42 180 KTOE
Available after transformation
218 792 KTOE
Final consumption
21 599 KTOE
Final energy consumption
19 074 KTOE
Industry
6 139 KTOE
Transport
4 642 KTOE
Other sectors
8 293 KTOE
Final non-energy consumption
2 525 KTOE
Consumption of the energy branch
6 286 KTOE
International aviation
563 KTOE
Marine bunkers
213 KTOE
Distribution and transmission losses
856 KTOE
Exports
186 802 KTOE
Stock build
Statistical difference - outflow
1 596 KTOE
Legend
Solid fuels
Oil and petroleum products
Gas
Renewable energies
Non-renewable waste
Heat
Electricity

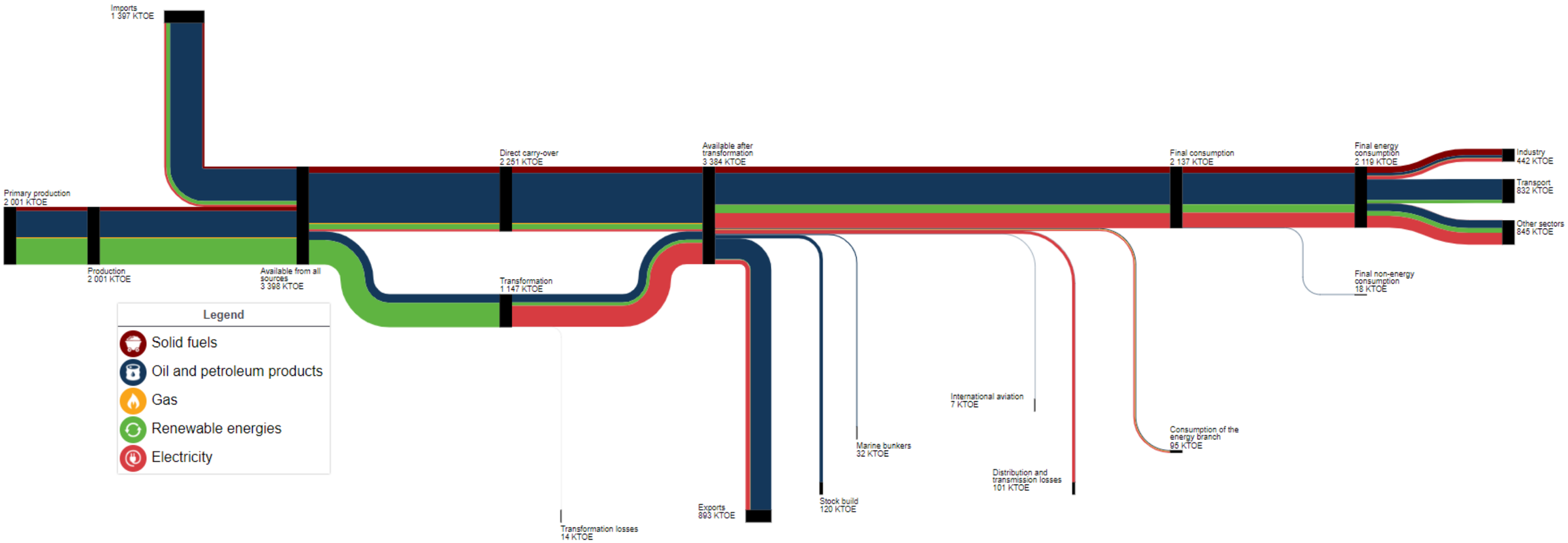
Montenegro 2018



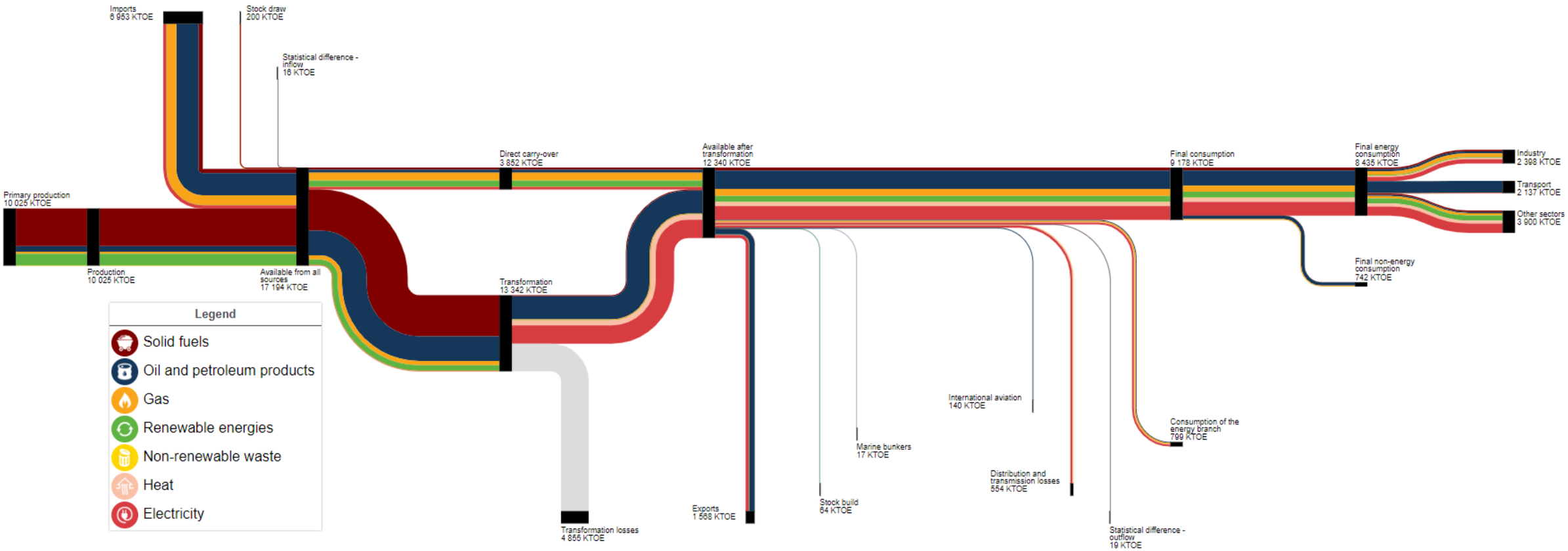
North Macedonia 2018



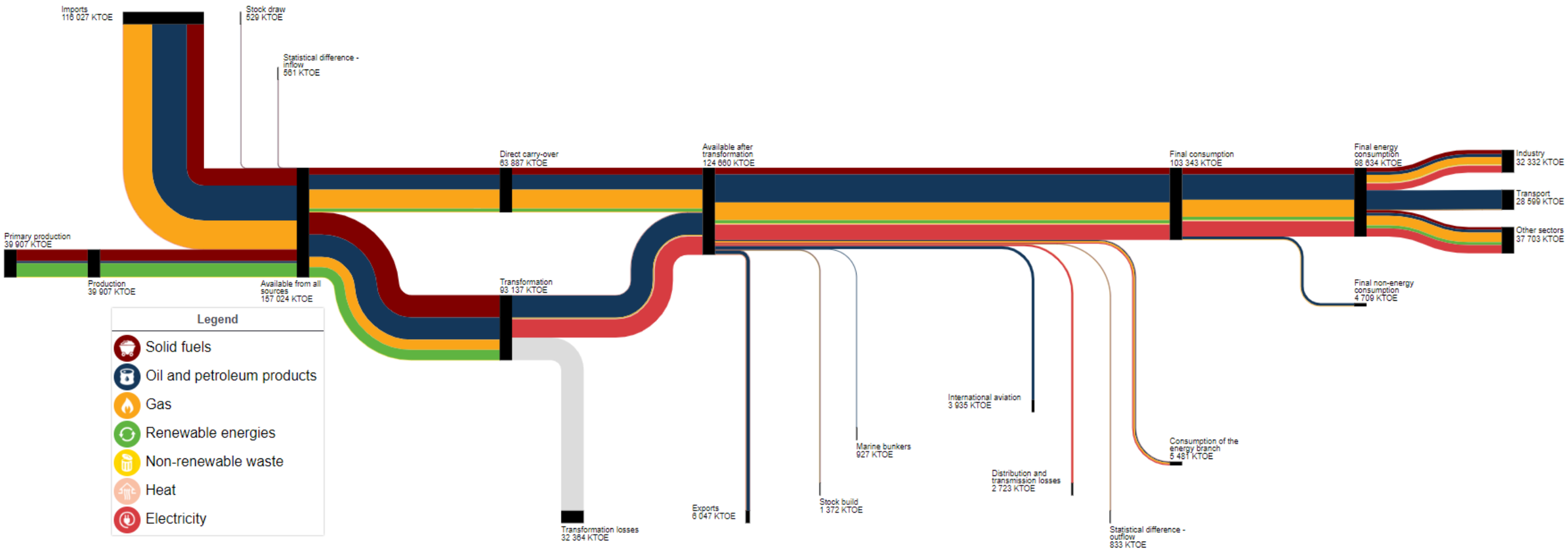
Albania 2018



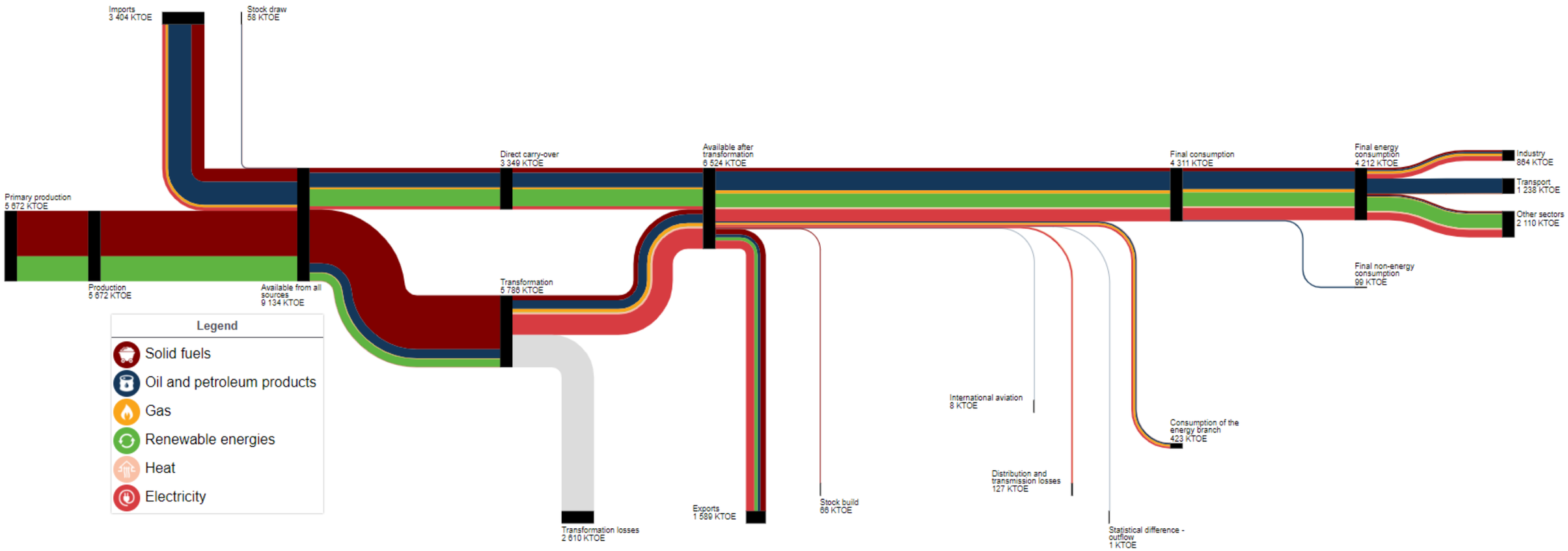
Serbia 2018


Imports
6 953 KTOE
Stock draw
200 KTOE
Statistical difference - inflow
16 KTOE
Primary production
10 025 KTOE
Production
10 025 KTOE
Available from all sources
17 194 KTOE
Direct carry-over
3 852 KTOE
Transformation
13 342 KTOE
Transformation losses
4 856 KTOE
Available after transformation
12 340 KTOE
Exports
1 568 KTOE
Stock build
64 KTOE
Marine bunkers
17 KTOE
International aviation
140 KTOE
Distribution and transmission losses
554 KTOE
Final consumption
9 178 KTOE
Final energy consumption
8 435 KTOE
Final non-energy consumption
742 KTOE
Consumption of the energy branch
799 KTOE
Statistical difference - outflow
19 KTOE
Industry
2 398 KTOE
Transport
2 137 KTOE
Other sectors
3 900 KTOE
Legend
Solid fuels
Oil and petroleum products
Gas
Renewable energies
Non-renewable waste
Heat
Electricity

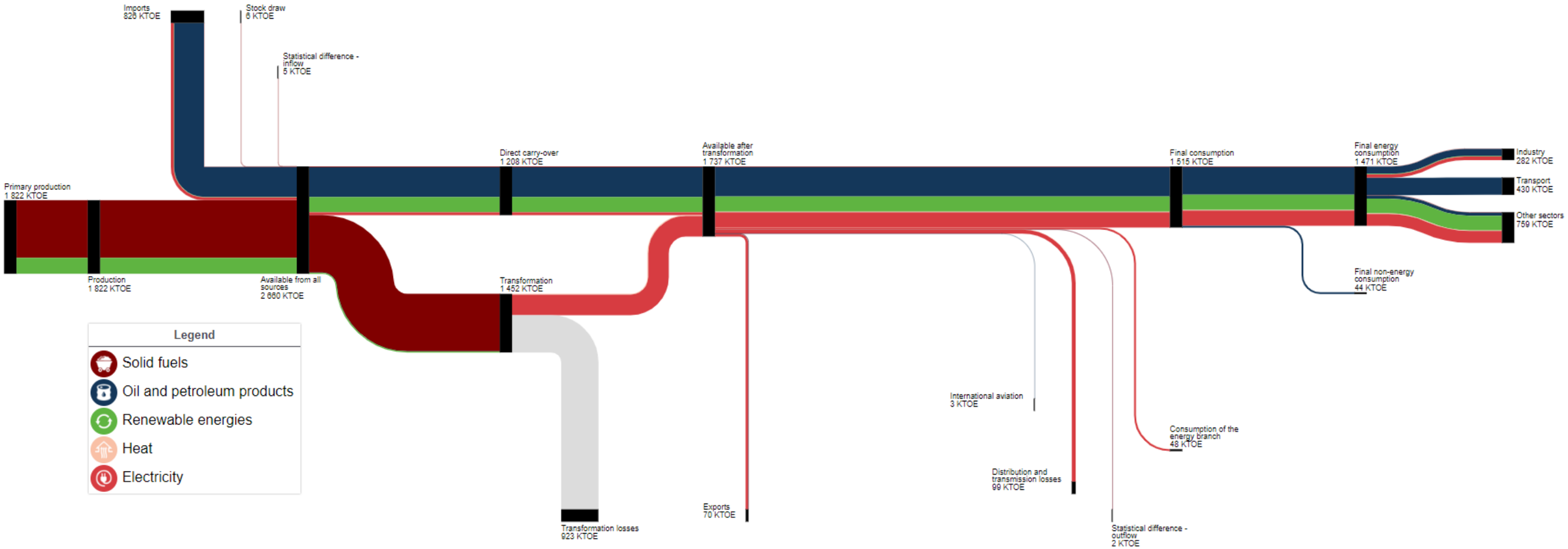
Turkey 2018


Imports
116 027 KTOE
Stock draw
529 KTOE
Statistical difference - inflow
551 KTOE
Primary production
39 907 KTOE
Production
39 907 KTOE
Available from all sources
157 024 KTOE
Direct carry-over
63 887 KTOE
Transformation
93 137 KTOE
Transformation losses
32 364 KTOE
Available after transformation
124 660 KTOE
Exports
6 047 KTOE
Stock build
1 372 KTOE
Marine bunkers
927 KTOE
International aviation
3 935 KTOE
Distribution and transmission losses
2 723 KTOE
Final consumption
103 343 KTOE
Final energy consumption
98 634 KTOE
Consumption of the energy branch
5 481 KTOE
Statistical difference - outflow
833 KTOE
Final non-energy consumption
4 709 KTOE
Industry
32 332 KTOE
Transport
28 599 KTOE
Other sectors
37 703 KTOE
Legend
Solid fuels
Oil and petroleum products
Gas
Renewable energies
Non-renewable waste
Heat
Electricity

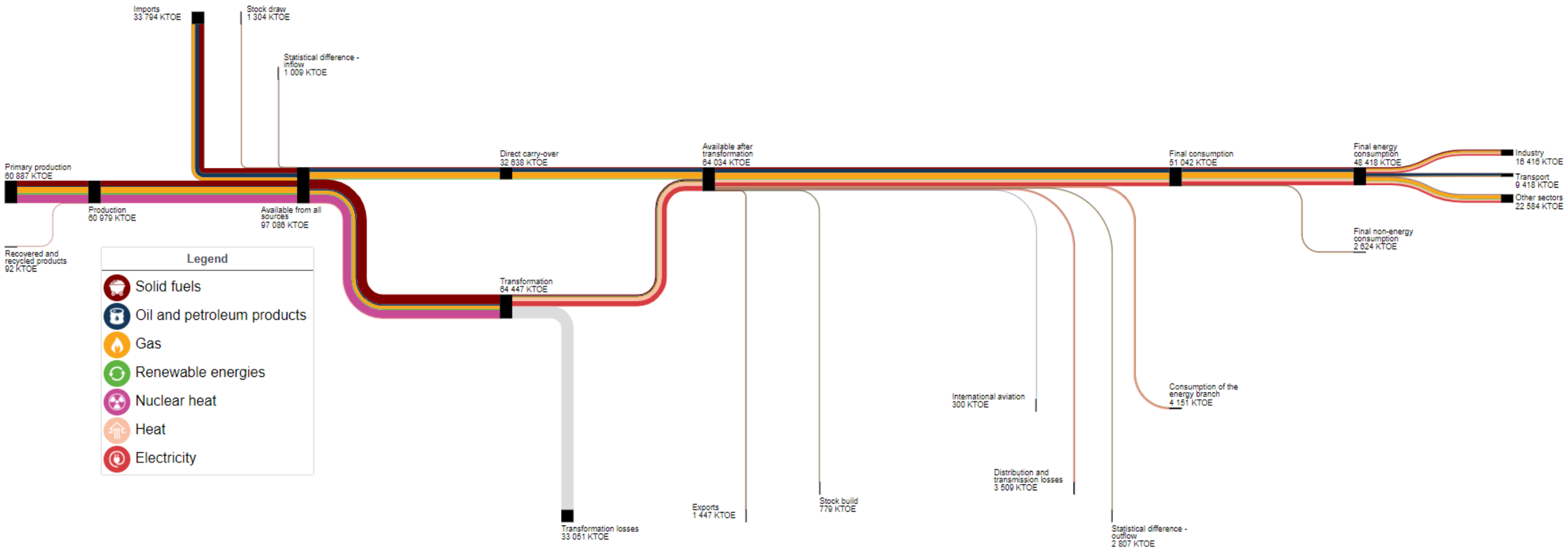
Bosnia and Herzegovina 2018



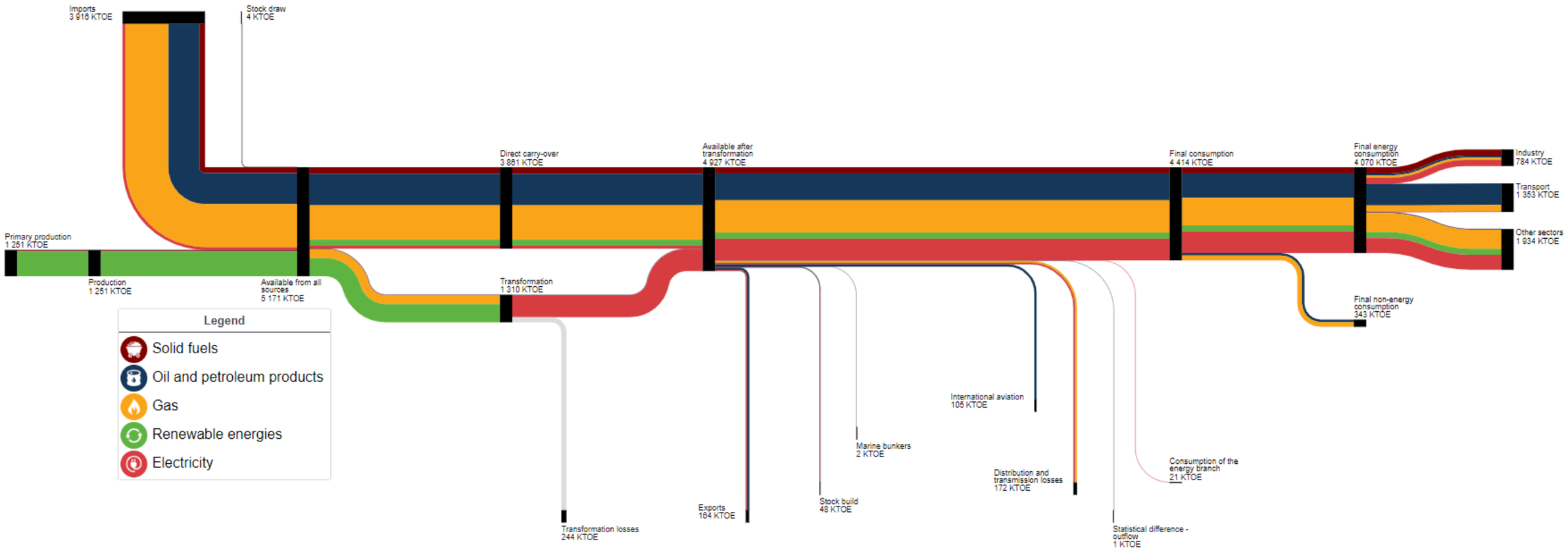
Kosovo 2018


Imports
826 KTOE
Stock draw
6 KTOE
Statistical difference - inflow
5 KTOE
Primary production
1 822 KTOE
Production
1 822 KTOE
Available from all sources
2 660 KTOE
Direct carry-over
1 208 KTOE
Transformation
1 452 KTOE
Transformation losses
923 KTOE
Available after transformation
1 737 KTOE
Exports
70 KTOE
International aviation
3 KTOE
Distribution and transmission losses
99 KTOE
Final consumption
1 515 KTOE
Final energy consumption
1 471 KTOE
Final non-energy consumption
44 KTOE
Consumption of the energy branch
48 KTOE
Statistical difference - outflow
2 KTOE
Industry
282 KTOE
Transport
430 KTOE
Other sectors
759 KTOE
Legend
Solid fuels
Oil and petroleum products
Renewable energies
Heat
Electricity

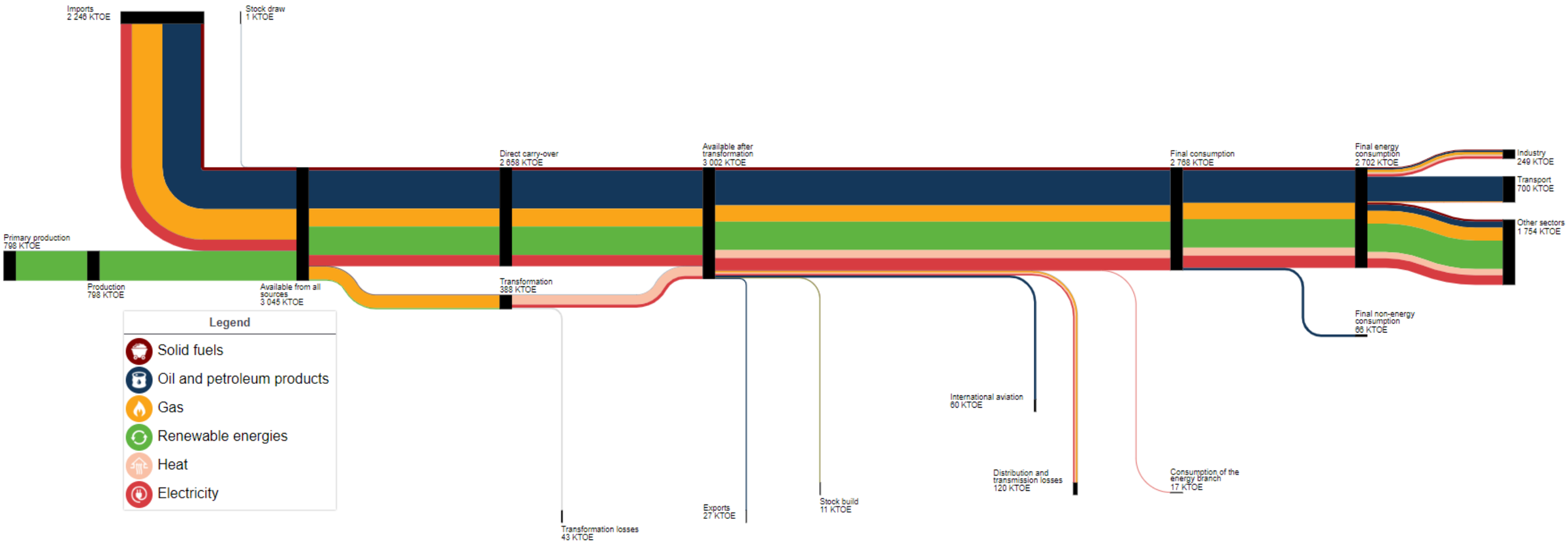
Ukraine 2018



Georgia 2018



Moldova 2018



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Energy data

The current publication presents the simplified energy balance sheets for 2018, key indicators and time series of key elements of energy balances and statistics for recent years as well as energy flow charts for year 2018. Preliminary 2019 data are shown for the supply side of energy statistics. Energy data are available for all Member States of the European Union as well as United Kingdom, Iceland, Norway, Montenegro, North Macedonia, Albania, Serbia, Turkey, Bosnia and Herzegovina, Kosovo (UNSCR 1244/99), Moldova, Ukraine, and Georgia.

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https://ec.europa.eu/eurostat/

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