Annual Energy-Statistics 2026

repsol

Corporate Strategy Department

About this statistical data book

This publication, prepared by Repsol's Corporate Strategy Department, is intended to serve as a reference and consultation tool for rigorous and objective analysis, discussion and debate on energy markets.

The Energy Statistical Yearbook is published in Spanish and English and is available on Repsol's official website, where it can be downloaded in PDF and Excel formats. The website also provides interactive charts through a Power BI-based visualization tool, enabling users to explore the data dynamically.

The Yearbook provides a comprehensive energy database, with a particular focus on oil, natural gas, power generation and sustainability indicators. It covers historical developments from 2005[1] through to the latest estimates for 2025, encompassing 50 countries and 10 regions and representing more than 90% of global energy consumption.

In terms of content and structure, the publication is organized into three main sections:

1. **Energy market overview.** Provides an overview of recent developments in the main energy markets — oil, natural gas and electricity — together with trends in CO_2 emissions worldwide and a specific analysis of Spain's energy sector.
2. **Statistical annex.** Provides detailed country- and region-level data for the historical period covered, including the following indicators:
   - Oil: reserves, production, consumption and prices.
   - Natural gas: reserves, production, consumption and prices.
   - Electricity: total gross generation and the share of renewable energy sources.
   - CO_2 emissions: total emissions from fossil fuel combustion, emissions intensity relative to GDP, and per capita emissions.
   - Primary energy intensity relative to GDP.
3. **Country profiles.** For each region and country, key energy indicators are presented in tabular format, including primary and final energy demand by source and sector; total power generation and generation by source; final consumption and hydrocarbon trade; as well as a range of sustainability indicators.

Regarding methodology, the estimates have been compiled using official sources — including governments, leading energy agencies and JODI, among others — applying the methodology of the International Energy Agency (IEA). Data collection, validation and aggregation have been carried out with the support of energy consultancy ENERDATA (www.enerdata.net).

1 To facilitate the presentation of the tables, the PDF version of this document shows data from 2016 onwards. The downloadable Excel file available on Repsol's website (https://www.repsol.com/en/press-room/energy-yearbook/index.cshtml) contains the complete data series for the 2005-2025 period.

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Recent Developments in Energy Demand

In 2025, the global economy maintained relatively solid growth, albeit in an environment marked by heightened trade and geopolitical uncertainty. Global GDP grew by around 3.2%, slightly below the rate recorded in 2024. Economic activity continued to vary significantly across regions, with emerging economies generally outperforming advanced economies.

Against this backdrop, global primary energy consumption continued to increase, although at a slower pace than in the previous year. Demand reached 15,966 million tonnes of oil equivalent (Mtoe), up 1.4% from 2024 and setting a new all-time high. Growth was nevertheless more moderate than in the first few years following the pandemic.

Fossil fuels continued to dominate the global energy mix. Oil remained the world's largest primary energy source, at 4,749 Mtoe and accounting for close to 30% of total consumption, followed by coal at 4,467 Mtoe and 28%, and natural gas at 3,601 Mtoe and close to 23%. Combined, these three sources accounted for around 80% of global primary energy demand.

Against the continued predominance of fossil fuels, renewable energy maintained strong momentum. Excluding hydropower and biomass, its contribution to primary energy demand increased by more than 17%, reaching 466 Mtoe and accounting for close to 3% of global consumption. The continued expansion of these energy sources confirms the gradual diversification of the global energy mix, although their increasing penetration continues to coexist with high levels of fossil fuel consumption.

By sector, growth in final energy consumption also moderated. The residential and commercial sector recorded the largest increase, at around 2.7%, while industrial demand rose by approximately 1.5%. Transport, which had led energy demand growth in the years following the pandemic, increased by around 0.7%, reflecting the normalization of mobility patterns and the gradual improvement in vehicle efficiency and electrification.

Global energy intensity — the amount of primary energy required to generate one unit of GDP — continued its downward trend in 2025. The indicator declined from 106.4 to 104.4 tonnes of oil equivalent per million 2015 dollars at purchasing power parity, extending a structural improvement that reflects the continued faster growth of global economic activity relative to energy consumption.

Looking ahead to 2026, the outlook for energy demand is subject to considerably greater uncertainty. The conflict in the Middle East and the associated disruption to energy flows have pushed prices higher and weakened the economic outlook, particularly for energy-importing countries. This new environment introduces downside risks to global energy demand growth, although the impact is likely to vary significantly across regions and energy sources.

Recent Developments in CO_2 emissions

Global CO_2 emissions reached a new all-time high in 2025, increasing by close to 0.5% compared with the previous year. Nevertheless, this was the slowest rate of growth in the past five years, reflecting divergent trends across countries, sectors and energy sources.

By country, China remained the world's largest emitter, accounting for approximately one-third of global emissions, well ahead of the United States (12%), India (9%), the European Union (6%) and Russia (5%). Developments in China were particularly noteworthy: the country's emissions declined year-on-year, something that had not occurred since 2015, amid the country's stock market turmoil and the depreciation of the yuan. The decline in emissions in 2025 was also broad-based across sectors, although it was particularly significant in power generation and road transport. In China's power sector, strong growth in renewable and nuclear generation, combined with lower natural gas prices, allowed rising electricity demand to be met while simultaneously reducing coal-fired generation. Coal nevertheless remained the country's largest source of power generation.

The United States recorded the largest increase in emissions in absolute terms. The rise was mainly associated with higher heating requirements in buildings due to colder temperatures than in 2024, as well as developments in the power sector, where higher electricity demand coincided with increased coal-fired generation.

In India, another major contributor to global emissions growth in recent years, the increase was very limited. Milder temperatures during the peak-demand months — supported by an earlier-than-usual monsoon — reduced electricity requirements for cooling, while renewable power generation continued to expand. Together, these factors largely offset higher emissions from industry and transport.

By fuel, emissions associated with oil and natural gas increased in 2025, while those from coal combustion declined slightly. Oil-related emissions increased across virtually all regions, with the exception of the Middle East. Emissions from natural gas also rose in most regions, particularly in the Middle East, where gas continued to partially displace oil products in power generation. In other markets, including Germany and China, increased use of natural gas in power generation was partly associated with coal-to-gas switching.

For coal, the improved competitiveness of natural gas and strong growth in renewable generation contributed to lower coal use in power generation across numerous markets. This occurred despite the commissioning of new coal-fired generation capacity reaching its highest level in a decade in 2025, with additions concentrated almost entirely in China and India. Nevertheless, coal use declined in both countries, as it did across much of the rest of the world. The United States and Indonesia were among the main exceptions. In Indonesia, the increase was partly linked to the development of captive coal-fired power plants supplying industrial facilities involved in the processing of strategic minerals, including nickel and aluminium.

Per capita emissions continue to vary significantly across countries. Persian Gulf countries, particularly Qatar and Kuwait, remain among the world's largest emitters on a per capita basis, with emissions still trending upwards. By way of illustration, Qatar's per capita emissions are approximately eight times those of the European Union, nine times the global average and around 75 times those of Nigeria. China's per capita emissions, meanwhile, remain considerably below those of the United States, while India's remain at relatively low levels. In Spain, population growth meant that the slight increase in total emissions — driven mainly by higher natural gas consumption — did not translate into an increase in emissions per capita. These stood at 4.5 tonnes of CO_2 per capita, below even the level recorded during the pandemic and below the global average of 4.8 tonnes.

In terms of emissions intensity — measured as CO_2 emissions per unit of GDP — European economies continue to record significantly lower levels than most of the world's major emitters. In 2025, economic growth in the European Union, combined with a decline in emissions, led to a further improvement in this indicator. The EU's CO_2 emissions per unit of GDP were 44% lower than those of the United States and 69% lower than those of China.

Recent Developments in the Oil Market

The global oil market in 2025 was characterized by supply growth significantly outpacing demand, resulting in progressively looser market conditions. The return of OPEC+[1] production, combined with sustained supply growth from other producers, particularly in the Americas, contrasted with demand that continued to expand at a moderate pace.

Global oil consumption reached approximately 104.9 million barrels per day (mb/d), compared with 104.0 mb/d in 2024, an increase of around 0.9 mb/d, or 0.9%. Growth was once again concentrated primarily in non-OECD economies, where consumption increased by around 775 kb/d, while OECD demand rose by only about 140 kb/d.

Among the largest consuming countries, the United States remained the world's largest oil market at 20.9 mb/d, followed by China at 17.0 mb/d and India at 5.9 mb/d. Oil consumption increased by around 300 kb/d in the United States and 250 kb/d in China, while growth in India was more moderate.

At the product level, demand trends continued to diverge significantly. Aviation fuels continued their recovery, while gasoline and diesel showed more moderate growth. Increasing electric vehicle penetration, improvements in fuel efficiency and greater use of biofuels continued to constrain growth in road transport fuel demand.

On the supply side, growth was considerably stronger. Global oil production reached 106.4 mb/d in 2025, compared with 103.1 mb/d in 2024, an increase of more than 3 mb/d. The United States once again led supply growth, with production rising to 21.3 mb/d. Saudi Arabia, Brazil and the United Arab Emirates also recorded significant increases, while Russian production declined slightly.

This strong supply growth reflected two simultaneous developments. On the one hand, non-OPEC producers continued to increase output, particularly in the Americas. On the other, OPEC+ began to unwind part of the voluntary production cuts implemented since 2023. As a result, supply growth significantly outpaced demand growth, and global inventories increased substantially over the course of the year.

Looser market conditions were reflected in prices. Brent crude averaged approximately $69/bbl in 2025, compared with $80.5/bbl in 2024, a decline of around 14%. Prices also followed a downward trend through much of the year, reflecting the progressive increase in crude availability and expectations of more subdued demand growth.

The market environment changed dramatically in 2026. The conflict in the Middle East and restrictions on transit through the Strait of Hormuz caused major disruptions to production and oil flows from the Gulf, transforming a market that had ended 2025 with ample supply into one increasingly driven by security-of-supply concerns. The use of inventories, higher production outside the Gulf and alternative export routes have partially mitigated the impact, while elevated prices and weaker economic activity have begun to weigh on demand. Within a matter of months, the market has therefore shifted from being dominated by oversupply risks to being once again shaped by the physical availability of crude oil and petroleum products and by the evolution of the geopolitical conflict.

1 In 2025, OPEC comprised 12 member countries: Algeria, Congo, Equatorial Guinea, Gabon, Iran, Iraq, Kuwait, Libya, Nigeria, Saudi Arabia, the United Arab Emirates (UAE) and Venezuela. The 10 non-OPEC allies were Azerbaijan, Bahrain, Brunei, Kazakhstan, Malaysia, Mexico, Oman, Russia, Sudan and South Sudan. Together, these countries are collectively known as OPEC+. The United Arab Emirates formally withdrew from both OPEC and OPEC+ in May 2026.

Recent Developments in the Natural Gas Market

Global natural gas demand continued to grow in 2025, albeit at a significantly slower pace than in 2024. Macroeconomic uncertainty, combined with tighter supply availability during the first half of the year, constrained growth in global consumption.

Global natural gas consumption increased by 1.1% in 2025, with trends varying significantly across regions. Growth was concentrated primarily in Europe (3%), the Middle East (2.6%) and Africa (3.6%). In the latter two regions, growth was partly driven by the substitution of oil products with natural gas in the energy sector. North America also recorded growth of 1.3%, while demand in Asia-Pacific increased at a more moderate rate of 1%, mainly reflecting developments in China. There, a combination of weaker demand, continued growth in domestic production and higher pipeline gas supplies from Russia reduced the need for LNG imports. As a result, China's LNG imports declined compared with 2024.

On the supply side, global natural gas production increased by approximately 1.3% year-on-year. The United States, Russia, China and Iran remained the world's largest producers, together accounting for more than half of global production. By region, growth was led by North America, where production increased by 3.7%, followed by the Middle East (3%) and Asia-Pacific (1.9%). In Europe, by contrast, production maintained its structural downward trend, although some countries, including Türkiye, Italy, Poland and France, recorded increases.

Global pipeline gas trade declined in 2025, mainly as a result of lower Russian exports. In Europe, one of the world's largest pipeline gas importing regions, inflows declined following the end of Russian gas transit through Ukraine. This loss was largely offset by higher LNG imports, primarily from the United States, while Norway remained Europe's largest supplier of pipeline gas.

LNG continued to gain importance in the global gas market. The United States remained the world's largest LNG exporter, followed by Qatar and Australia. On the demand side, China retained its position as the world's largest LNG importer despite lower purchases in 2025, closely followed by Japan. For both countries, approximately one-third of LNG imports originated from Australia.

Global LNG supply increased in 2025, particularly during the second half of the year, driven by the commissioning of new liquefaction projects in the United States, Canada and Africa. Despite macroeconomic uncertainty, final investment decisions for new liquefaction capacity remained robust, with the United States leading the new investment cycle. The addition of new capacity contributed to a gradual easing of the global LNG balance, although the market remained sensitive to geopolitical tensions and potential supply disruptions.

Prices across the main international gas benchmarks in Asia, North America and Europe increased by around 24% in 2025 compared with 2024. During the first half of the year, prices were supported by a tighter market balance, trade uncertainty and renewed geopolitical tensions in the Middle East in June. In the second half of the year, greater LNG availability, easing geopolitical tensions and weaker Asian demand, particularly in China, helped moderate upward pressure on prices.

Security of supply remained one of the key areas of concern for the natural gas market. The geopolitical risks already present in 2025 materialized more acutely following the outbreak of the conflict between Iran, the United States and Israel in late February 2026. Damage to LNG export infrastructure in Qatar and restrictions on maritime transit through the Strait of Hormuz directly affected international LNG flows and increased logistics and insurance costs, resulting in a sharp rise in price volatility.

As a result, the outlook for 2026 has changed substantially. The disruption of LNG flows through the Strait of Hormuz — through which close to 20% of global LNG trade had previously transited — abruptly reversed the gradual easing in market conditions observed during the second half of 2025 and caused a major disruption to global supply. Against this backdrop, natural gas demand is expected to contract in 2026, with the magnitude of the decline largely depending on the duration of restrictions in the Strait of Hormuz and the pace at which flows normalize. New liquefaction capacity, particularly outside the Middle East, will help partially offset the loss of supply. Thus, following a 2025 characterized by moderate demand growth and gradually improving LNG availability, market developments in 2026 will be shaped primarily by the duration of the conflict, the normalization of supply routes and the ability of global supply to respond.

Recent Developments in Electricity Generation

Global electricity generation increased by 4.2% in 2024, marking the highest growth in demand in over a decade, with the exception of the post-pandemic recovery year. This growth was driven primarily by non-OECD countries, particularly China, but also by others such as India and Brazil, while OECD economies experienced much more limited growth. Nevertheless, there was growth recorded in the United States and even across Europe as a whole, despite contractions in major economies in the region, such as Germany and the United Kingdom.

The installation of new wind and solar generation capacity led to a rise in the share of renewables within the electricity generation mix, reaching 31.7% of global generation in 2024. This figure exceeded the previous year's by 1.7 percentage points, registering the largest increase in the historical series. The increase in solar generation is particularly noteworthy, having risen by almost 30% compared to the previous year. Despite this, it continues to account for only 7% of global electricity production. Wind generation, despite an increase of nearly 8%, remains at 8% of the global generation mix.

Among renewable sources, hydropower continues to be the most significant worldwide, accounting for nearly 15% of global generation. New infrastructure, combined with a favourable hydrological year in certain regions of the world, resulted in record levels of hydropower generation in 2024. However, given the slower pace of new hydropower capacity installation compared to other technologies (less than gas or coal-fired plants, and significantly less than solar or wind), the share of this technology in the global mix continues its downward trend. Despite the increase this year, it has not managed to regain the 15% share of global generation lost the previous year.

Thermal generation increased across all its forms, especially natural gas, which grew by the same absolute amount as wind power (though the percentage increase was much smaller, given its much higher base level). Even coal-fired generation increased by 1%, continuing as the main source of electricity in the global mix, at nearly 35%. Thus, electricity generation from all technologies, with the exception of oil-fired generation, reached record highs.

Recent Developments in Spain's Energy Sector

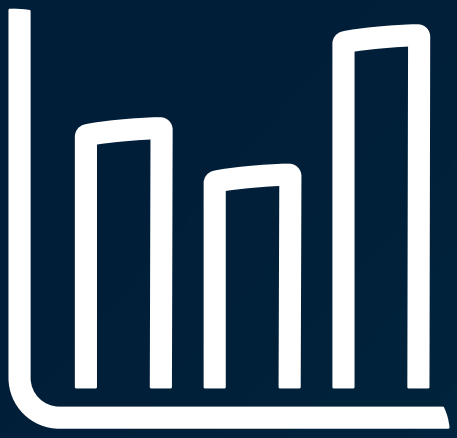
In 2025, primary energy demand in Spain increased by 1.1% to 113.7 Mtoe, while final energy consumption remained broadly unchanged at 83.3 Mtoe. Trends varied across energy sources: demand for oil, natural gas and other renewables increased, while coal, nuclear, hydropower and biomass declined. Oil remained by far the country's largest source of primary energy, accounting for close to 44% of the total, followed by natural gas at approximately 23%. Coal's share, meanwhile, fell to just 1.7%, continuing the transformation of Spain's energy mix observed over the past two decades.

Primary oil demand increased by 0.8%. Final consumption of petroleum products rose by 2.3%, driven mainly by gasoline (+7.8%), jet fuel (+4.7%) and diesel (+2.7%), with diesel remaining the most widely consumed petroleum product, accounting for 61% of the total. By sector, final oil consumption increased in transport (+2.1%) and the residential and commercial sector (+4.6%), while declining in industry (-3.2%). Transport accounted for just over 70% of final oil consumption and remained the largest final energy-consuming sector in Spain, representing close to 40% of the total.

Primary natural gas demand increased by 7.4%, supported mainly by the rebound in gas-fired power generation (+17.3%). By contrast, final gas consumption declined by 8.8%, with decreases across the main sectors: industry (-10.0%), residential and commercial (-6.7%) and transport (-10.0%). At 12.5 Mtoe, final gas consumption fell to its lowest level in the series shown since 2016, compared with 16.1 Mtoe in 2021. Industry continued to account for more than half of the country's final gas consumption, followed by the residential and commercial sector.

Final electricity consumption increased by 2.8% in 2025, while electricity generation rose by 3.8%. Solar generation once again recorded the strongest growth (+10.7%) and became the country's largest source of electricity generation, with a 21.6% share. Gas-fired generation increased by 17.3% and moved into second place, accounting for 20.5% of the total, slightly ahead of wind (20.1%), which declined by 3.5%. Coal-fired generation, meanwhile, fell by 50.0% to just 0.6% of the power generation mix, reaching a new historical low. The long-term trend shows a profound transformation of Spain's power system, characterized by the near disappearance of coal and the strong expansion of wind generation and, more recently, solar power. Overall, renewables accounted for 57.5% of electricity generated in Spain in 2025, while sources with no direct CO_2 emissions, including nuclear power, represented 75.6%.

CO_2 emissions from fossil fuel combustion increased by 1.1% in 2025 to 200.8 million tonnes, against a backdrop of higher primary demand for oil and natural gas and a rebound in gas-fired power generation. Nevertheless, economic growth allowed both energy intensity and emissions intensity to continue declining. CO_2 intensity fell by 1.7% to 101.0 tonnes of CO_2 per million 2015 dollars at purchasing power parity, approximately 30% below the level recorded ten years earlier. At the same time, primary energy intensity declined to 57.2 tonnes of oil equivalent per million dollars and final energy intensity to 39.3 tonnes of oil equivalent per million dollars, the lowest levels in the series shown. Spain's economy therefore continued to reduce both the amount of energy required to generate a unit of GDP and the emissions associated with economic activity.



Statistical annex



Oil

Oil Proved Reserves *(Thousand million barrels)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**253.5**	**252.4**	**260.3**	**259.8**	**261.8**	**252.0**	**257.5**	**256.5**	**266.4**	**264.6**
Canada	196.2	194.3	192.5	194.1	193.8	193.9	189.5	188.0	190.5	190.5
Mexico	9.6	8.5	8.0	5.9	5.9	5.6	5.5	5.9	5.9	5.9
United States	47.6	49.6	59.8	59.8	62.0	52.5	62.5	62.5	70.0	68.1
South and Central America	**372.8**	**372.8**	**373.3**	**372.5**	**372.1**	**373.4**	**375.5**	**376.5**	**377.5**	**378.9**
Argentina	2.4	2.1	2.0	2.0	2.5	2.5	2.8	2.9	3.0	3.1
Brazil	12.5	12.7	13.5	12.6	11.8	13.2	14.8	15.8	15.9	16.8
Chile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Colombia	1.6	1.6	1.8	1.9	2.0	1.8	2.0	2.1	2.0	2.1
Peru	1.2	1.2	1.0	0.9	0.6	0.8	0.9	0.7	0.7	0.7
Trinidad & Tobago	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Venezuela	345.9	345.9	345.9	345.9	345.9	345.9	345.9	345.9	345.9	346.2
Other	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	9.6	9.7
Europe	**15.1**	**15.9**	**16.5**	**16.2**	**14.4**	**13.6**	**12.6**	**13.1**	**12.2**	**11.7**
France	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Germany	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Italy	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6
Netherlands	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Norway	7.0	7.9	8.6	8.5	7.7	7.5	6.8	7.6	6.9	6.5
Poland	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Romania	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Spain	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Türkiye	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
United Kingdom	3.8	3.7	3.7	3.5	2.5	2.0	1.7	1.5	1.2	1.1
EU	3.7	3.7	3.6	3.6	3.6	3.6	3.4	3.3	3.4	3.4
Other	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0
Former Soviet Union	**148.6**	**145.4**	**145.4**	**146.4**	**147.7**	**147.7**	**147.7**	**147.7**	**147.7**	**147.7**
Azerbaijan	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
Kazakhstan	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
Russia	108.8	105.5	105.5	106.5	107.8	107.8	107.8	107.8	107.8	107.8
Ukraine	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Uzbekistan	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Other	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Middle East	**796.1**	**817.2**	**816.4**	**816.7**	**825.4**	**833.0**	**884.2**	**865.3**	**865.3**	**865.1**
Iran	156.1	154.5	154.5	154.5	158.2	158.2	207.2	207.2	207.2	207.2
Iraq	147.8	146.2	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
Kuwait	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8
Qatar	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
Saudi Arabia	258.3	282.5	283.9	284.2	289.2	283.7	283.9	265.4	265.4	265.4
United Arab Emirates	97.1	97.1	97.1	97.1	97.1	110.2	112.2	112.2	112.2	112.2
Other	10.8	10.9	11.0	10.9	10.9	11.0	11.0	10.5	10.6	10.4
Africa	**127.5**	**125.5**	**124.1**	**125.4**	**124.7**	**122.9**	**118.8**	**119.3**	**119.1**	**119.1**
Algeria	12.1	12.1	12.1	12.1	12.1	11.4	12.1	12.1	12.1	12.1
Angola	11.5	9.5	8.3	8.1	7.7	7.7	2.5	2.5	2.5	2.5
Egypt	4.4	4.4	3.1	3.3	3.1	3.0	3.3	3.3	3.3	3.3
Libya	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
Nigeria	37.2	37.2	36.7	36.6	36.6	36.8	36.7	37.2	37.0	37.0
Other	14.3	14.3	15.8	17.1	17.1	15.9	16.1	16.1	16.1	16.1
Asia-Pacific	**47.9**	**47.7**	**46.4**	**46.1**	**45.2**	**44.8**	**45.7**	**44.4**	**44.5**	**50.4**
Australia	4.0	4.0	2.5	2.5	1.8	1.6	1.5	1.4	1.4	1.4
China	25.5	25.5	25.8	26.0	25.9	25.8	26.9	27.8	28.1	34.4
India	4.5	4.4	4.3	4.5	4.5	4.5	4.3	3.3	3.2	3.2
Indonesia	3.2	3.1	3.1	2.5	2.4	2.2	2.3	2.4	2.3	2.2
Malaysia	3.6	3.6	3.6	3.6	3.6	3.6	3.6	2.7	2.7	2.7
New Zealand	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0
Thailand	0.4	0.3	0.3	0.3	0.1	0.2	0.2	0.2	0.3	0.3
Vietnam	4.3	4.4	4.4	4.4	4.3	4.3	4.4	4.4	4.4	4.4
Other	2.3	2.3	2.3	2.3	2.5	2.5	2.5	2.2	2.2	1.9
OECD	**273.5**	**273.3**	**280.4**	**279.7**	**279.3**	**268.4**	**272.9**	**272.4**	**281.4**	**279.1**
Non-OECD	**1,488.0**	**1,503.6**	**1,502.1**	**1,503.3**	**1,511.9**	**1,519.1**	**1,569.1**	**1,550.3**	**1,551.3**	**1,558.5**
OPEC	**1,219.6**	**1,238.6**	**1,236.2**	**1,237.7**	**1,245.7**	**1,251.7**	**1,298.3**	**1,280.4**	**1,280.1**	**1,280.3**
Non-OPEC	**541.9**	**538.3**	**546.3**	**545.4**	**545.4**	**535.8**	**543.7**	**542.3**	**552.6**	**557.2**
World	**1,761.5**	**1,776.9**	**1,782.4**	**1,783.1**	**1,791.2**	**1,787.5**	**1,842.0**	**1,822.7**	**1,832.7**	**1,837.5**

Note: Proved reserves of crude and liquids on 31/12. Canadian reserves include oil sands while Venezuelan reserves include extra-heavy oil.

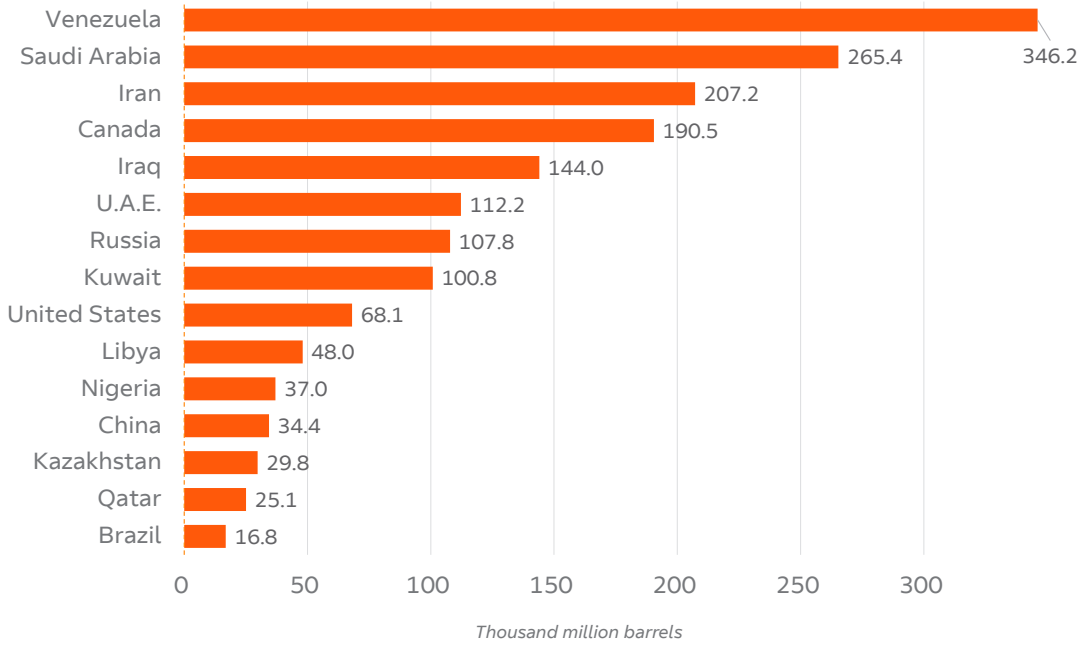
Oil Production *(Thousand barrels per day)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**19,519**	**20,449**	**22,901**	**24,718**	**23,825**	**24,369**	**25,797**	**27,498**	**28,492**	**29,488**
Canada	4,615	4,990	5,408	5,547	5,292	5,586	5,747	5,841	6,101	6,363
Mexico	2,463	2,229	2,073	1,928	1,932	1,954	2,006	2,103	1,971	1,828
United States	12,440	13,229	15,421	17,243	16,602	16,828	18,043	19,554	20,420	21,296
South and Central America	**7,530**	**7,357**	**6,787**	**6,446**	**6,062**	**6,041**	**6,400**	**7,075**	**7,412**	**8,025**
Argentina	625	595	621	652	613	650	715	775	833	937
Brazil	2,628	2,755	2,713	2,897	3,044	3,002	3,119	3,488	3,438	3,852
Chile	5	6	9	12	9	9	9	10	9	10
Colombia	906	862	873	893	788	744	761	791	788	760
Peru	134	133	133	140	125	120	118	114	118	116
Trinidad & Tobago	97	99	87	82	76	77	74	68	67	71
Venezuela	2,429	2,220	1,683	1,098	719	719	723	851	957	1,023
Other	706	687	668	672	688	722	881	979	1,201	1,256
Europe	**3,645**	**3,607**	**3,591**	**3,503**	**3,721**	**3,526**	**3,309**	**3,350**	**3,270**	**3,402**
Czech Republic	5	7	6	5	6	6	5	4	6	6
France	34	38	28	43	40	53	60	59	49	46
Germany	68	67	67	58	73	58	57	49	40	64
Italy	95	97	110	89	120	111	96	113	88	101
Netherlands	24	24	25	18	22	21	16	10	10	18
Norway	1,995	1,969	1,850	1,761	2,036	2,048	1,907	2,021	2,000	2,045
Poland	21	24	32	30	29	26	22	22	24	34
Portugal	1	1	0	0	0	0	0	0	5	7
Romania	78	74	73	73	71	68	64	62	57	54
Spain	3	2	2	1	1	0	0	5	0	0
Türkiye	52	52	58	61	64	69	72	82	105	128
United Kingdom	1,026	1,009	1,116	1,149	1,076	890	836	750	701	721
EU	536	542	533	496	511	489	464	470	438	484
Other	242	244	223	214	183	177	172	173	184	178
Former Soviet Union	**14,221**	**14,336**	**14,596**	**14,668**	**13,522**	**13,787**	**13,950**	**13,890**	**13,543**	**13,624**
Azerbaijan	829	784	793	765	699	703	671	620	602	580
Kazakhstan	1,669	1,848	1,937	1,943	1,838	1,846	1,817	1,931	1,876	2,098
Russia	11,328	11,321	11,494	11,582	10,607	10,867	11,088	10,955	10,691	10,583
Ukraine	50	49	51	55	54	54	50	53	52	51
Uzbekistan	62	66	63	60	58	56	70	85	83	81
Other	283	268	258	262	266	261	254	247	239	232
Middle East	**31,482**	**31,193**	**31,681**	**30,291**	**27,907**	**28,245**	**31,006**	**30,466**	**30,180**	**31,242**
Iran	4,390	4,742	4,588	3,385	3,038	3,504	3,661	4,233	4,655	4,712
Iraq	4,533	4,603	4,704	4,858	4,201	4,193	4,608	4,433	4,468	4,617
Kuwait	3,188	3,001	3,053	2,996	2,721	2,733	3,039	2,987	2,880	3,008
Qatar	1,902	1,849	1,887	1,812	1,808	1,841	1,861	1,852	1,827	1,848
Saudi Arabia	12,355	12,001	12,334	11,904	11,115	11,036	12,228	11,432	10,917	11,372
United Arab Emirates	3,848	3,740	3,831	4,049	3,759	3,660	4,249	4,207	4,186	4,420
Other	1,266	1,257	1,285	1,287	1,264	1,278	1,359	1,321	1,247	1,264
Africa	**7,786**	**8,174**	**8,265**	**8,423**	**7,043**	**7,385**	**7,071**	**7,245**	**7,131**	**7,385**
Algeria	1,604	1,530	1,512	1,490	1,346	1,362	1,470	1,432	1,360	1,351
Angola	1,753	1,687	1,533	1,429	1,308	1,160	1,179	1,136	1,158	1,067
Egypt	664	639	649	633	619	593	600	596	569	532
Libya	426	877	1,029	1,159	384	1,225	1,068	1,229	1,142	1,325
Nigeria	1,928	1,986	2,030	2,123	1,912	1,690	1,445	1,538	1,614	1,703
South Africa	103	106	102	104	88	87	80	88	78	81
Other	1,307	1,348	1,409	1,485	1,387	1,269	1,230	1,226	1,210	1,327
Asia-Pacific	**8,031**	**7,794**	**7,675**	**7,712**	**7,507**	**7,421**	**7,330**	**7,345**	**7,361**	**7,394**
Australia	345	315	344	458	455	444	413	382	369	340
China	3,994	3,885	3,848	3,921	3,970	4,060	4,177	4,273	4,336	4,412
India	870	881	866	824	769	746	720	704	700	684
Indonesia	866	824	798	772	734	683	632	628	601	605
Japan	11	12	10	11	10	10	9	8	8	7
Malaysia	737	729	723	670	604	566	563	557	536	525
New Zealand	41	37	30	30	26	23	21	23	20	19
South Korea	24	25	29	28	34	37	38	38	43	40
Thailand	463	457	447	441	397	373	310	301	313	315
Other	681	629	578	558	507	479	447	431	436	446
OPEC	**35,355**	**35,360**	**35,470**	**33,786**	**29,864**	**30,725**	**33,081**	**32,937**	**32,755**	**34,142**
Non-OPEC	**61,490**	**62,321**	**65,035**	**67,145**	**64,440**	**65,030**	**66,999**	**69,398**	**70,350**	**72,234**
Global biofuels	**2,350**	**2,434**	**2,629**	**2,802**	**2,589**	**2,739**	**2,889**	**3,100**	**3,318**	**3,388**
Processing gains	**2,282**	**2,338**	**2,380**	**2,368**	**2,127**	**2,241**	**2,328**	**2,366**	**2,398**	**2,427**
World	**96,845**	**97,681**	**100,504**	**100,931**	**94,304**	**95,755**	**100,080**	**102,335**	**103,105**	**106,376**

Note: Oil production includes production of crude, condensates and natural gas liquids (NGLs).

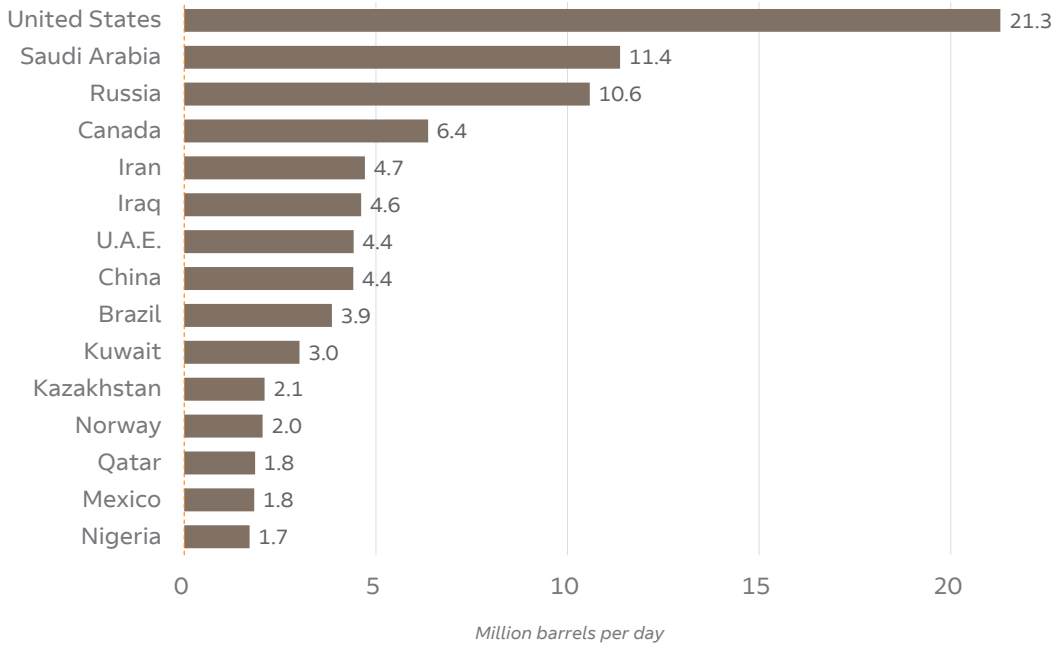
Oil Final Consumption *(Thousand barrels/day)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**24,389**	**24,626**	**25,144**	**24,906**	**21,964**	**23,744**	**24,418**	**24,705**	**25,012**	**25,337**
Canada	2,505	2,506	2,557	2,537	2,230	2,287	2,392	2,468	2,518	2,554
Mexico	2,053	2,019	1,933	1,967	1,685	1,704	1,866	1,846	1,916	1,906
United States	19,831	20,101	20,654	20,402	18,049	19,753	20,160	20,391	20,578	20,876
South and Central America	**6,886**	**6,790**	**6,635**	**6,666**	**5,703**	**6,341**	**6,676**	**6,843**	**6,944**	**7,051**
Argentina	702	691	679	651	555	659	719	685	645	658
Brazil	2,999	3,039	2,975	3,073	2,856	3,028	3,114	3,227	3,330	3,401
Chile	352	357	363	362	331	361	385	383	390	384
Colombia	372	346	348	374	311	397	429	437	424	426
Peru	247	262	266	274	213	265	277	282	299	308
Trinidad & Tobago	47	44	37	29	24	23	27	27	29	30
Venezuela	716	608	482	381	171	203	239	240	250	260
Other	1,450	1,444	1,485	1,522	1,241	1,404	1,487	1,562	1,578	1,584
Europe	**14,803**	**15,196**	**15,082**	**15,108**	**13,144**	**13,874**	**14,365**	**14,232**	**14,394**	**14,353**
Belgium	633	639	685	642	562	623	605	592	602	599
Czech Republic	180	214	217	219	192	212	216	213	224	221
Finland	208	208	208	209	189	184	194	177	179	182
France	1,729	1,756	1,705	1,706	1,436	1,570	1,571	1,549	1,548	1,535
Germany	2,383	2,450	2,327	2,355	2,148	2,131	2,175	2,054	2,040	2,028
Italy	1,237	1,244	1,272	1,255	1,032	1,160	1,261	1,242	1,254	1,220
Netherlands	932	940	924	899	857	852	841	846	854	823
Norway	223	230	235	241	211	228	218	229	215	220
Poland	582	658	680	698	661	698	727	717	736	737
Portugal	237	242	231	249	203	212	233	227	223	223
Romania	204	216	212	225	215	226	235	242	253	248
Spain	1,290	1,297	1,332	1,328	1,089	1,192	1,289	1,271	1,318	1,328
Sweden	315	321	290	297	268	302	282	278	279	285
Türkiye	942	991	958	987	921	974	1,013	1,083	1,113	1,158
United Kingdom	1,599	1,619	1,605	1,578	1,222	1,263	1,372	1,384	1,425	1,413
EU	11,326	11,634	11,566	11,583	10,156	10,752	11,071	10,864	10,964	10,880
Other	2,107	2,171	2,198	2,220	1,938	2,048	2,133	2,128	2,130	2,134
Former Soviet Union	**4,415**	**4,586**	**4,610**	**4,663**	**4,400**	**4,736**	**4,752**	**4,767**	**4,806**	**4,797**
Azerbaijan	97	103	104	112	101	117	122	127	124	127
Kazakhstan	347	334	326	290	314	383	348	389	366	383
Russia	3,252	3,435	3,435	3,514	3,273	3,496	3,598	3,536	3,561	3,518
Ukraine	244	236	243	244	215	233	165	171	175	178
Uzbekistan	88	90	94	98	102	105	114	133	134	141
Other	386	387	408	405	394	403	404	412	446	450
Middle East	**8,815**	**8,999**	**9,007**	**9,190**	**8,483**	**8,739**	**9,355**	**9,495**	**9,386**	**9,394**
Iran	1,681	1,738	1,821	1,933	1,824	1,897	1,980	1,975	1,975	1,966
Iraq	655	680	709	797	710	760	878	915	921	908
Kuwait	494	509	520	517	483	518	537	534	514	523
Qatar	305	314	315	321	284	297	321	336	346	349
Saudi Arabia	3,781	3,768	3,584	3,598	3,404	3,465	3,720	3,735	3,633	3,555
United Arab Emirates	964	985	979	970	857	916	988	1,054	1,080	1,130
Other	934	1,005	1,079	1,055	921	885	932	946	916	963
Africa	**4,121**	**4,156**	**4,190**	**4,183**	**3,846**	**4,302**	**4,538**	**4,716**	**4,777**	**4,917**
Algeria	439	433	444	454	410	421	437	475	499	509
Angola	156	141	140	151	110	141	152	168	172	175
Egypt	829	773	715	651	673	800	846	909	911	933
Libya	202	210	219	210	187	220	250	295	334	296
Nigeria	427	431	456	487	428	488	513	483	472	575
South Africa	609	662	653	619	531	581	605	670	616	622
Other	1,460	1,508	1,564	1,611	1,507	1,651	1,735	1,715	1,773	1,807
Asia-Pacific	**33,002**	**34,224**	**35,340**	**35,950**	**34,169**	**35,674**	**36,570**	**38,210**	**38,718**	**39,100**
Australia	1,098	1,150	1,169	1,152	992	1,016	1,064	1,118	1,142	1,147
China	12,013	12,574	13,531	14,195	14,350	15,265	15,455	16,662	16,744	16,997
India	4,471	4,732	4,906	4,949	4,583	4,793	5,262	5,594	5,770	5,854
Indonesia	1,594	1,703	1,839	1,833	1,658	1,691	1,834	1,853	1,874	1,937
Japan	4,034	3,942	3,847	3,755	3,354	3,400	3,338	3,297	3,163	3,094
Malaysia	709	731	712	752	607	569	683	721	730	746
New Zealand	168	177	179	181	150	147	151	159	161	161
South Korea	2,613	2,642	2,579	2,611	2,462	2,572	2,529	2,439	2,542	2,464
Taiwan	1,026	1,018	1,013	956	912	963	886	838	836	829
Thailand	1,419	1,446	1,485	1,488	1,370	1,361	1,422	1,434	1,466	1,473
Other	3,857	4,110	4,080	4,078	3,730	3,897	3,944	4,094	4,291	4,397
OECD	**47,386**	**47,973**	**48,250**	**47,966**	**42,247**	**45,024**	**46,171**	**46,256**	**46,693**	**46,830**
Non-OECD	**49,046**	**50,604**	**51,758**	**52,701**	**49,462**	**52,386**	**54,504**	**56,712**	**57,343**	**58,118**
World	**96,432**	**98,577**	**100,008**	**100,667**	**91,709**	**97,410**	**100,675**	**102,968**	**104,036**	**104,948**

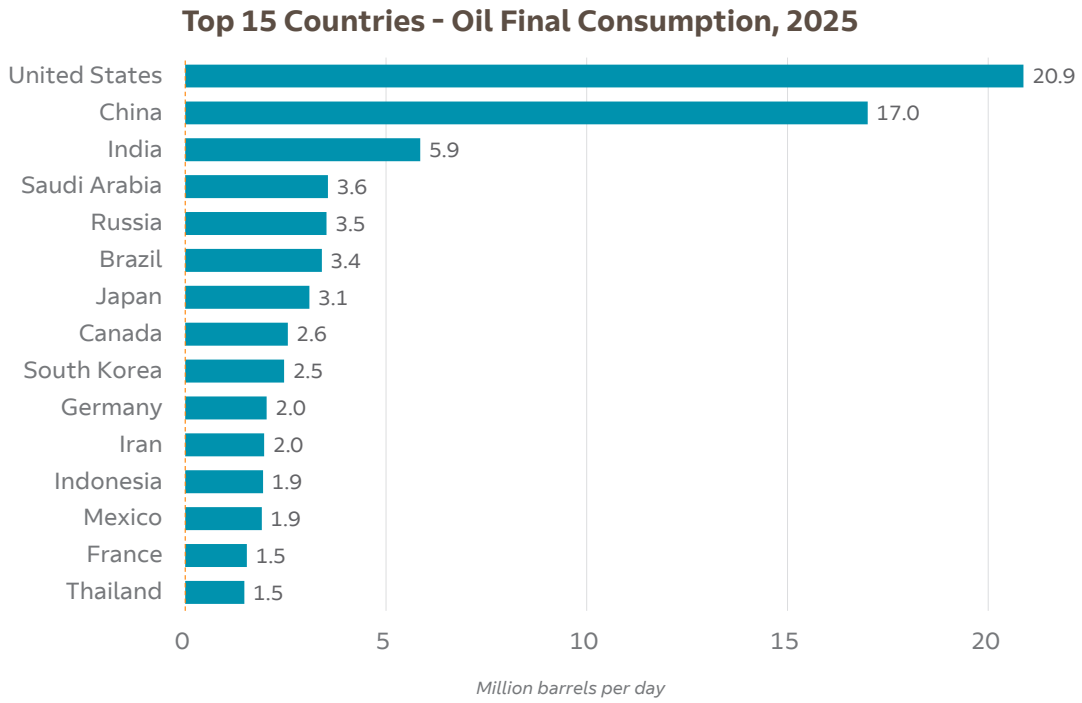
Note: Liquids final consumption including bunker fuel.

Top 15 Countries - Oil Proved Reserves, 2025



Top 15 Countries - Oil Production, 2025




Top 15 Countries - Oil Final Consumption, 2025
United States
China
India
Saudi Arabia
Russia
Brazil
Japan
Canada
South Korea
Germany
Iran
Indonesia
Mexico
France
Thailand
20.9
17.0
5.9
3.6
3.5
3.4
3.1
2.6
2.5
2.0
2.0
1.9
1.9
1.5
1.5
0
5
10
15
20
Million barrels per day



Natural Gas

Natural Gas Proved Reserves *(Tcm)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**11.4**	**14.6**	**15.7**	**15.8**	**15.8**	**19.4**	**19.4**	**21.2**	**18.7**	**18.7**
Canada	2.1	2.0	2.1	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Mexico	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
United States	9.1	12.4	13.4	13.2	13.2	16.7	16.7	18.5	16.0	16.0
South and Central America	**7.6**	**7.5**	**7.3**	**7.3**	**7.2**	**7.2**	**7.1**	**7.2**	**7.3**	**7.3**
Argentina	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
Brazil	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5
Chile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Colombia	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Peru	0.5	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
Trinidad & Tobago	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Venezuela	5.7	5.7	5.7	5.7	5.6	5.5	5.5	5.5	5.5	5.5
Other	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Europa	**3.8**	**3.7**	**3.1**	**3.0**	**3.2**	**3.3**	**3.3**	**3.2**	**2.7**	**2.7**
France	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Germany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Italy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Netherlands	0.7	0.7	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Norway	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.8	1.8
Poland	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Romania	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Türkiye	0.0	0.0	0.0	0.0	0.4	0.5	0.7	0.7	0.3	0.3
United Kingdom	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
EU	1.1	1.1	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4
Other	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Former Soviet Union	**68.3**	**68.6**	**68.0**	**68.0**	**66.7**	**66.6**	**52.7**	**65.5**	**60.7**	**60.7**
Azerbaijan	0.7	1.1	1.4	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Kazakhstan	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Russia	50.6	50.5	49.6	49.1	47.8	47.8	47.2	46.8	42.0	42.0
Turkmenistan	14.0	14.0	14.0	14.0	14.0	14.0	0.5	13.9	13.9	13.9
Ukraine	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.2	0.2	0.2
Uzbekistan	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0
Middle East	**80.3**	**80.0**	**79.5**	**81.4**	**81.3**	**82.0**	**83.0**	**83.2**	**83.1**	**83.1**
Iran	33.7	33.8	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0
Iraq	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Kuwait	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Qatar	24.1	23.9	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
Saudi Arabia	8.6	8.7	8.3	8.4	8.4	8.5	9.5	9.7	9.7	9.7
United Arab Emirates	6.1	6.1	6.1	7.7	7.7	8.2	8.2	8.2	8.2	8.2
Other	2.2	2.0	1.9	2.0	1.8	1.9	2.0	2.0	1.8	1.8
Africa	**15.1**	**15.4**	**15.5**	**16.0**	**15.9**	**16.0**	**15.9**	**15.8**	**15.1**	**15.1**
Algeria	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Angola	0.4	0.4	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.1
Egypt	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Libya	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7
Nigeria	5.5	5.6	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0
South Africa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.9	1.1	1.2	1.6	1.6	1.6	1.6	1.6	0.8	0.6
Asia-Pacific	**14.7**	**14.5**	**13.1**	**12.5**	**12.3**	**12.1**	**11.6**	**11.5**	**11.6**	**11.6**
Australia	3.2	3.2	3.2	2.8	2.8	2.8	2.8	2.7	2.7	2.7
China	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.8	2.9	2.9
India	1.2	1.3	1.3	1.4	1.4	1.4	1.1	1.1	1.1	1.1
Indonesia	2.8	2.7	1.4	1.2	1.1	1.0	0.9	0.9	1.0	1.0
Japan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malaysia	2.5	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.2	2.2
New Zealand	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Thailand	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Other	1.9	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.6
OECD	**19.0**	**22.0**	**22.6**	**22.3**	**22.5**	**26.2**	**26.3**	**27.9**	**24.9**	**24.9**
Non-OECD	**182.3**	**182.3**	**179.7**	**181.7**	**179.9**	**180.3**	**166.8**	**179.8**	**174.4**	**174.4**
World	**201.2**	**204.3**	**202.3**	**204.0**	**202.4**	**206.5**	**193.0**	**207.7**	**199.3**	**199.3**

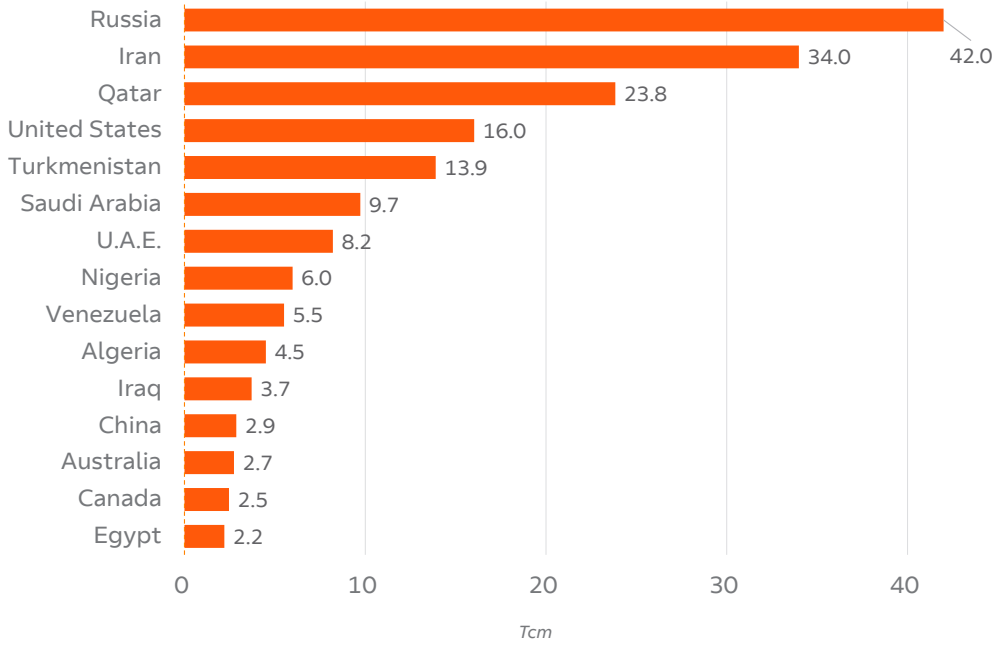
Note: Proved reserves of natural gas on 31/12.

Natural Gas Production *(Bcm)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**995.9**	**1,015.7**	**1,100.7**	**1,209.2**	**1,194.6**	**1,231.3**	**1,299.9**	**1,350.6**	**1,356.4**	**1,406.4**
Canada	188.8	195.8	202.0	194.4	189.7	195.8	210.6	215.2	220.9	228.4
Mexico	37.5	32.6	34.6	33.8	38.6	39.0	40.7	43.6	41.5	37.9
United States	769.5	787.3	864.1	981.0	966.3	996.4	1,048.6	1,091.8	1,094.0	1,140.2
South and Central America	**177.3**	**177.1**	**171.5**	**174.2**	**158.7**	**156.8**	**161.8**	**160.3**	**162.3**	**163.9**
Argentina	41.4	41.1	43.3	45.4	41.5	41.7	44.4	44.0	47.9	48.7
Brazil	23.5	26.6	24.8	25.4	23.6	23.6	22.4	22.7	22.3	25.9
Chile	1.2	1.3	1.3	1.6	1.2	1.2	1.3	1.7	1.8	1.8
Colombia	12.2	12.2	12.6	12.8	12.5	11.6	11.5	11.2	10.4	8.5
Peru	15.5	13.8	13.5	14.3	12.8	13.5	16.2	17.4	17.1	16.2
Trinidad & Tobago	34.1	34.2	36.8	37.4	31.4	27.0	28.5	27.5	26.9	27.1
Venezuela	26.1	25.6	18.4	19.1	18.3	20.3	21.0	21.3	22.6	21.8
Other	23.2	22.4	20.8	18.3	17.5	18.0	16.4	14.5	13.2	13.8
Europa	**262.4**	**263.5**	**249.8**	**232.3**	**215.8**	**208.7**	**219.5**	**202.3**	**207.1**	**203.3**
Czech Republic	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
France	0.0	0.1	0.1	0.1	0.2	0.4	0.6	0.8	1.0	1.2
Germany	9.0	8.2	6.5	6.0	5.9	6.4	6.0	5.6	5.4	5.3
Italy	5.8	5.5	5.5	4.8	4.1	3.4	3.3	3.0	2.9	3.4
Netherlands	53.3	45.7	39.1	33.5	24.4	21.9	18.4	12.2	10.4	9.7
Norway	120.6	128.7	126.2	119.0	115.9	119.0	128.1	121.5	130.3	126.8
Poland	5.8	5.7	5.7	5.7	5.6	5.6	5.5	5.3	5.1	5.4
Romania	9.8	10.6	10.3	10.0	8.9	8.9	9.1	9.2	9.3	9.2
Spain	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1
Türkiye	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.8	2.3	3.1
United Kingdom	44.3	44.5	43.1	41.9	42.2	35.1	40.7	37.0	33.2	31.9
EU	96.6	89.4	79.5	70.4	56.7	53.7	49.8	42.6	41.0	43.0
Other	13.1	13.9	12.6	10.5	7.9	7.3	7.1	6.7	7.0	6.9
Former Soviet Union	**865.0**	**923.9**	**951.2**	**950.5**	**895.0**	**1,000.8**	**920.6**	**873.2**	**918.0**	**892.2**
Azerbaijan	19.2	18.7	19.7	25.2	27.2	33.5	35.9	37.4	39.7	39.9
Kazakhstan	32.6	38.3	41.2	35.3	32.2	28.1	28.4	32.3	35.1	37.2
Russia	659.1	711.2	730.4	729.1	688.9	782.4	693.2	641.6	687.8	666.5
Turkmenistan	79.5	80.3	84.2	86.4	82.5	83.5	92.6	98.0	96.3	92.1
Ukraine	18.6	18.9	20.2	20.0	19.4	17.8	17.2	15.8	16.2	15.8
Uzbekistan	55.8	56.3	55.2	54.3	44.5	55.2	53.1	48.0	42.6	40.4
Other	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Middle East	**631.3**	**646.2**	**644.7**	**684.4**	**712.4**	**725.6**	**742.7**	**766.5**	**779.5**	**802.8**
Iran	207.0	223.4	221.3	247.3	266.2	270.3	272.6	285.9	288.6	291.5
Iraq	9.4	10.7	11.1	11.5	7.4	9.6	9.9	10.2	10.4	14.6
Kuwait	17.1	16.9	17.9	17.4	16.4	15.8	16.7	18.8	19.8	20.2
Qatar	182.1	181.4	180.4	182.6	181.7	183.3	184.8	185.3	182.5	188.3
Saudi Arabia	90.8	95.5	96.8	98.2	100.2	100.9	105.9	106.4	112.1	117.6
United Arab Emirates	62.7	55.5	49.3	56.6	56.5	54.0	57.1	58.2	59.4	61.7
Other	62.3	62.8	67.9	70.8	84.1	91.7	95.7	101.6	106.7	108.8
Africa	**225.8**	**247.9**	**245.5**	**255.9**	**237.5**	**265.0**	**253.2**	**246.6**	**238.9**	**234.6**
Algeria	1.7	5.8	6.2	6.8	7.6	6.1	5.4	5.9	6.0	6.1
Angola	97.5	99.6	100.4	93.2	86.9	108.0	105.6	109.7	108.3	109.0
Egypt	42.6	52.5	50.2	69.6	62.4	71.1	60.9	52.6	43.8	37.5
Libya	18.7	21.6	18.5	15.6	9.0	10.3	10.7	11.2	10.9	10.3
Nigeria	42.2	45.1	45.7	46.2	46.5	43.2	39.8	36.8	38.8	40.8
South Africa	0.7	0.7	1.0	1.2	1.1	0.0	0.0	0.0	0.0	0.0
Other	22.4	22.7	23.4	23.4	24.1	26.3	30.8	30.5	31.2	30.8
Asia-Pacific	**562.1**	**592.3**	**620.3**	**665.3**	**675.4**	**702.0**	**724.9**	**742.8**	**757.2**	**771.9**
Australia	84.6	104.5	119.5	144.3	155.6	150.2	161.3	162.6	160.8	157.5
China	145.6	160.3	175.3	194.9	213.7	232.3	249.6	267.1	283.1	300.9
India	32.3	33.1	33.8	31.1	28.5	34.0	34.6	36.7	36.5	35.2
Indonesia	74.7	72.3	72.6	67.2	69.1	68.9	67.1	68.5	70.5	70.4
Japan	4.8	5.2	4.8	4.6	4.4	4.7	4.9	4.6	4.4	4.1
Malaysia	63.0	64.0	67.5	75.2	67.9	74.1	81.4	81.0	83.4	83.3
New Zealand	5.2	5.1	4.6	4.8	4.7	4.1	3.8	3.9	3.2	2.6
South Korea	0.2	0.5	0.5	0.4	0.3	0.3	0.4	0.4	0.4	0.4
Thailand	31.0	28.9	28.1	28.8	26.1	25.6	21.1	21.2	23.1	23.5
Other	120.7	118.4	113.6	114.1	105.0	107.8	100.7	96.9	91.8	94.0
OECD	**1,343.9**	**1,388.8**	**1,474.9**	**1,568.3**	**1,593.6**	**1,593.6**	**1,593.6**	**1,593.6**	**1,593.6**	**1,593.6**
Non-OECD	**2,333.2**	**2,439.1**	**2,533.4**	**2,590.7**	**2,489.6**	**2,489.6**	**2,489.6**	**2,489.6**	**2,489.6**	**2,489.6**
World	**3,677.1**	**3,827.9**	**4,008.3**	**4,159.0**	**4,083.2**	**4,083.2**	**4,083.2**	**4,083.2**	**4,083.2**	**4,083.2**

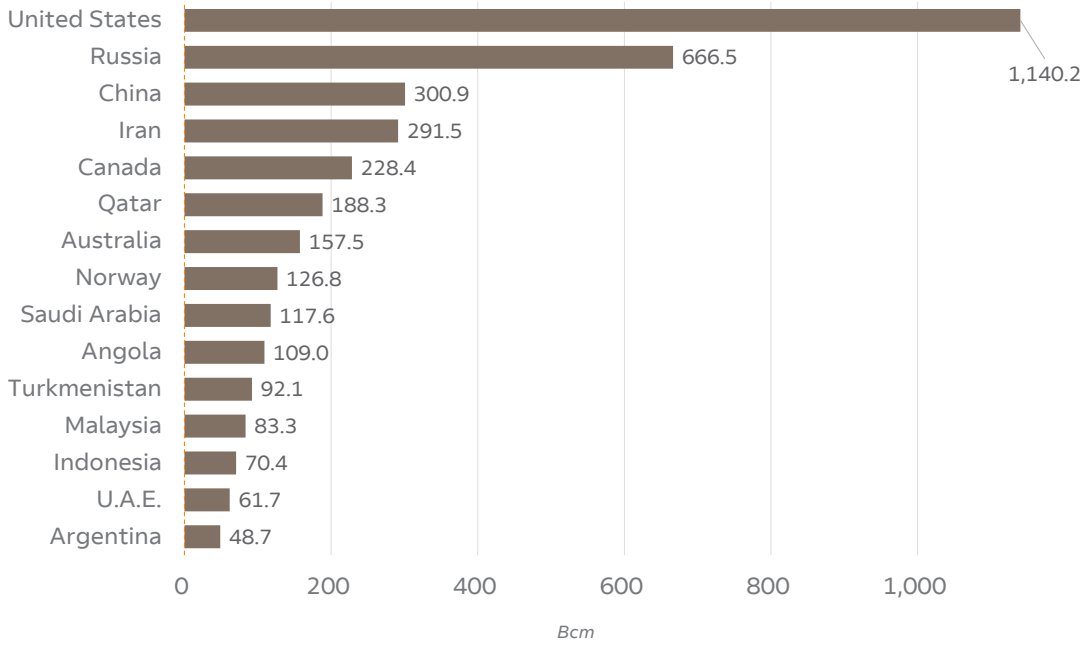
Natural Gas Demand *(Bcm)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**990.8**	**987.9**	**1,086.8**	**1,116.7**	**1,079.6**	**1,098.7**	**1,150.5**	**1,164.4**	**1,181.9**	**1,196.9**
Canada	119.7	125.3	139.5	139.2	131.3	139.0	144.1	140.3	144.2	148.5
Mexico	76.8	78.7	77.7	77.3	72.7	76.4	78.3	84.9	85.1	83.5
United States	794.4	783.8	869.5	900.1	875.6	883.3	928.1	939.2	952.6	964.9
South and Central America	**165.7**	**165.2**	**158.8**	**157.6**	**146.6**	**166.5**	**155.6**	**153.1**	**159.5**	**157.0**
Argentina	49.9	51.2	50.3	49.3	46.3	50.0	46.9	45.4	48.9	47.7
Brazil	36.7	38.4	37.1	36.0	34.1	45.0	34.7	31.5	33.2	36.0
Chile	4.9	5.2	5.5	6.5	6.1	6.6	6.8	7.2	6.8	6.8
Colombia	12.5	11.6	12.2	12.9	11.3	11.4	11.6	12.1	13.1	10.5
Peru	8.9	7.7	7.9	8.4	7.0	9.3	10.5	11.2	10.5	10.6
Trinidad & Tobago	18.9	18.3	19.0	19.4	16.6	17.5	17.3	16.6	16.5	15.7
Venezuela	26.3	24.9	18.9	16.4	17.3	18.0	19.4	19.5	20.6	19.9
Other	7.6	7.8	8.0	8.7	7.9	8.7	8.4	9.6	9.8	9.9
Europe	**530.2**	**557.0**	**545.9**	**551.6**	**537.0**	**571.7**	**503.4**	**462.1**	**459.7**	**473.3**
Belgium	17.4	17.8	18.4	18.5	18.4	18.5	15.6	14.6	14.1	14.4
Czech Republic	8.5	8.7	8.3	8.7	8.8	9.5	7.6	6.8	6.8	7.3
Finland	2.5	2.4	2.6	2.6	2.6	2.6	1.3	1.5	1.2	1.1
France	43.8	43.7	41.6	42.3	39.3	41.7	38.0	33.6	31.6	30.7
Germany	89.2	95.0	94.7	95.6	92.9	98.9	87.2	79.8	80.3	83.2
Italy	70.9	75.2	72.7	74.5	71.3	76.4	68.7	61.7	61.9	63.1
Netherlands	42.3	43.7	42.9	44.8	43.6	42.1	33.0	31.4	30.5	30.4
Norway	6.2	6.3	6.2	6.2	6.0	5.4	5.2	5.0	4.7	4.7
Poland	19.2	20.1	20.2	20.8	21.3	22.8	19.6	20.2	21.0	22.3
Portugal	5.0	6.3	5.7	6.1	6.0	5.8	5.6	4.4	3.4	3.8
Romania	11.3	11.8	11.8	11.0	11.4	12.0	10.0	9.6	9.5	9.6
Spain	28.8	31.1	31.0	35.4	31.9	33.8	32.6	29.0	26.6	28.3
Sweden	0.9	1.1	1.1	1.1	1.0	1.2	0.9	0.9	0.9	0.9
Türkiye	46.4	54.0	49.7	45.3	48.2	59.6	52.3	49.6	53.2	58.6
United Kingdom	84.1	82.3	83.0	82.0	77.4	81.0	74.2	66.5	65.0	64.4
EU	386.9	407.5	400.2	411.4	398.8	418.1	365.0	334.6	330.3	338.2
Other	53.6	57.6	56.1	56.9	57.0	60.6	51.6	47.5	48.9	50.5
Former Soviet Union	**605.2**	**625.7**	**692.3**	**650.8**	**628.7**	**711.1**	**667.5**	**682.4**	**719.0**	**705.5**
Azerbaijan	11.5	11.2	11.4	12.9	13.0	13.5	14.3	14.7	13.6	13.2
Kazakhstan	15.3	16.1	17.5	20.7	18.6	22.8	21.4	25.7	31.9	37.2
Russia	454.5	473.9	536.5	492.3	471.8	528.1	498.4	506.7	535.8	521.6
Turkmenistan	22.7	24.7	26.7	26.5	28.8	39.2	41.8	42.7	44.9	45.4
Ukraine	29.4	27.9	29.1	26.4	28.2	27.6	18.0	20.2	21.5	20.6
Uzbekistan	46.6	46.0	43.7	45.2	42.8	53.6	47.9	48.6	48.1	45.4
Other	25.2	25.8	27.3	26.8	25.4	26.4	25.7	23.7	23.1	22.1
Middle East	**511.4**	**521.2**	**524.0**	**557.7**	**578.7**	**586.3**	**594.5**	**628.8**	**639.0**	**655.5**
Iran	203.8	213.9	209.3	229.9	249.2	253.4	254.3	269.2	271.4	274.7
Iraq	10.9	13.5	16.5	19.9	21.2	20.7	20.4	23.1	21.5	24.0
Kuwait	22.1	22.4	23.7	24.3	23.2	23.7	25.1	29.3	30.8	31.2
Qatar	54.7	52.8	55.3	56.9	56.0	57.8	56.0	63.3	59.8	61.0
Saudi Arabia	90.8	95.5	96.8	98.2	100.2	100.9	105.9	106.4	112.1	117.6
United Arab Emirates	72.2	64.2	62.9	67.4	68.5	66.7	68.1	70.2	73.7	75.2
Other	57.0	58.9	59.4	61.1	60.3	63.1	64.6	67.3	69.7	71.8
Africa	**147.9**	**152.0**	**156.4**	**164.6**	**156.3**	**167.7**	**162.2**	**161.3**	**163.7**	**169.5**
Algeria	41.8	43.3	46.9	48.4	46.5	51.1	54.2	55.3	56.8	60.8
Angola	0.8	0.8	0.9	1.3	1.3	1.3	1.0	1.0	0.9	0.9
Egypt	50.7	58.0	54.9	64.5	62.4	65.8	55.6	50.6	51.0	51.5
Libya	8.6	8.8	8.6	8.7	7.3	9.9	10.0	10.2	10.0	10.2
Nigeria	17.9	16.5	17.0	18.0	17.6	18.2	16.9	17.0	17.9	18.4
South Africa	5.7	4.9	5.2	5.3	5.1	3.8	3.7	3.3	3.4	3.2
Other	22.3	19.7	22.9	18.4	16.1	17.6	20.8	23.9	23.7	24.6
Asia-Pacific	**757.7**	**798.3**	**855.4**	**872.8**	**880.4**	**933.3**	**923.4**	**957.5**	**996.0**	**1,006.3**
Australia	37.2	38.3	39.9	40.6	42.2	40.5	40.5	39.6	39.2	38.3
China	216.4	250.4	295.4	309.6	330.7	373.3	371.4	400.3	429.6	438.2
India	56.4	59.5	61.5	61.6	61.7	66.8	64.4	74.4	77.0	75.5
Indonesia	48.5	47.7	49.9	52.0	47.1	46.3	47.1	48.7	50.7	51.3
Japan	128.0	124.8	119.7	114.6	114.0	108.3	103.3	100.2	97.6	95.6
Malaysia	44.6	43.8	43.5	48.0	44.8	52.2	56.1	54.1	58.0	59.9
New Zealand	5.0	5.2	4.7	5.0	4.8	4.1	3.9	4.0	3.2	2.8
South Korea	50.5	52.6	61.2	59.5	60.1	66.3	65.8	62.9	64.7	65.0
Thailand	45.3	42.8	45.8	49.6	42.0	41.0	38.6	41.5	42.2	40.6
Other	125.7	133.2	133.8	132.3	133.0	134.5	132.3	131.7	133.8	139.2
OECD	**1,749.1**	**1,771.6**	**1,864.2**	**1,897.0**	**1,844.4**	**1,895.8**	**1,877.7**	**1,845.0**	**1,859.5**	**1,882.9**
Non-OECD	**1,959.9**	**2,035.7**	**2,155.4**	**2,174.8**	**2,162.9**	**2,339.6**	**2,279.5**	**2,364.7**	**2,459.2**	**2,481.2**
World	**3,709.0**	**3,807.3**	**4,019.6**	**4,071.8**	**4,007.3**	**4,235.4**	**4,157.2**	**4,209.7**	**4,318.7**	**4,364.0**
						5.69%	-1.85%	1.26%	2.59%	

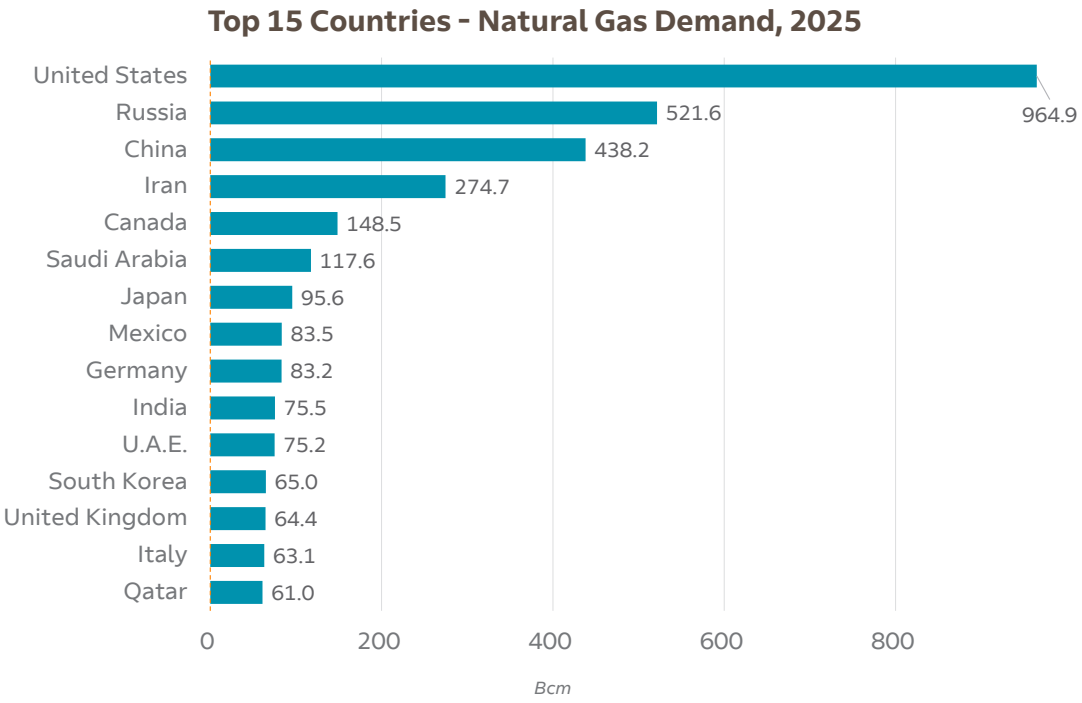
Note: Natural gas primary demand including power generation feedstock.

Top 15 Countries - Natural Gas Proved Reserves, 2025



Top 15 Countries - Natural Gas Production, 2025



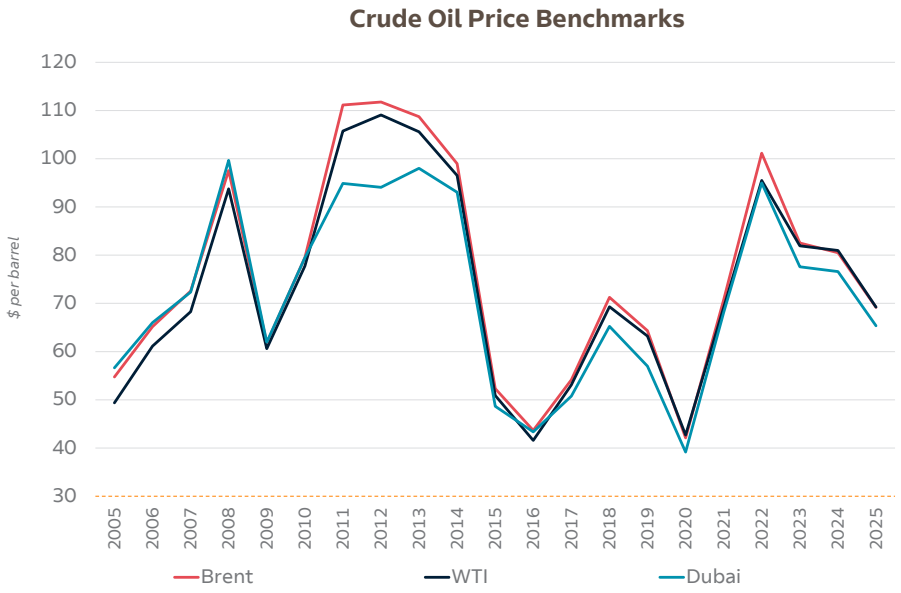

Top 15 Countries - Natural Gas Demand, 2025
United States
Russia
China
Iran
Canada
Saudi Arabia
Japan
Mexico
Germany
India
U.A.E.
South Korea
United Kingdom
Italy
Qatar
964.9
521.6
438.2
274.7
148.5
117.6
95.6
83.5
83.2
75.5
75.2
65.0
64.4
63.1
61.0
0
200
400
600
800
Bcm

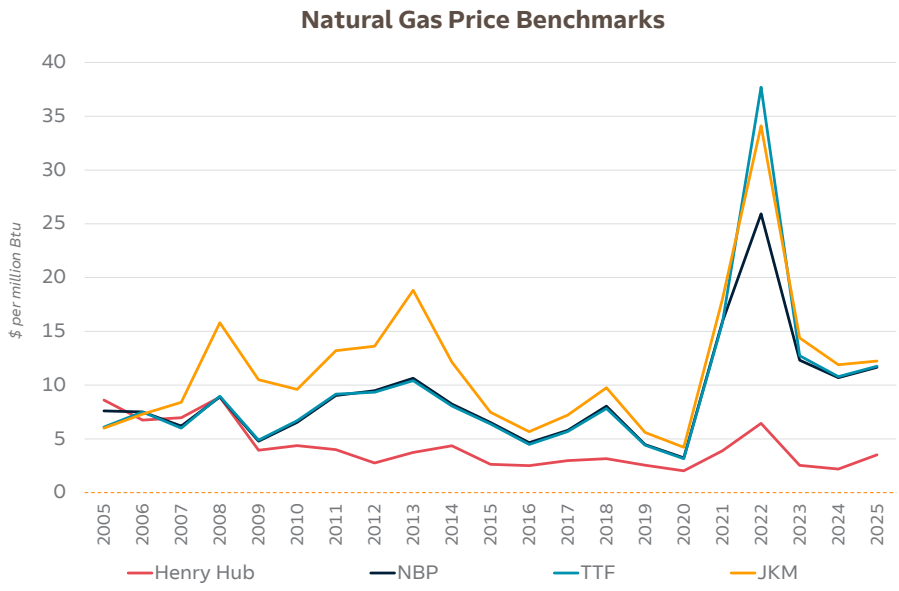


Oil and Natural Gas prices

Oil and Natural Gas Prices	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Crude oil ($ per barrel)										
Brent	43.6	54.1	71.3	64.3	42.1	70.8	101.2	82.5	80.5	69.2
WTI	41.6	53.1	69.3	63.2	42.7	69.2	95.5	81.9	81.0	69.2
Dubai	43.3	50.8	65.2	57.0	39.2	68.1	95.0	77.6	76.6	65.4
Natural gas ($ per million Btu)										
Henry Hub (HH)	2.5	3.0	3.2	2.6	2.0	3.9	6.4	2.5	2.2	3.5
National Balancing Point (NBP)	4.7	5.8	8.0	4.5	3.2	15.9	25.9	12.3	10.7	11.7
Japan Korea Marker (JKM)	5.7	7.2	9.8	5.6	4.2	18.0	34.1	14.4	11.9	12.2
Title Transfer Facility (TTF)	4.5	5.7	7.8	4.4	3.2	15.8	37.7	12.7	10.8	11.8

Source: LSEG Data and Analytics







Electricity Generation

Total Power Generation *(TWh)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**5,307**	**5,273**	**5,467**	**5,384**	**5,244**	**5,372**	**5,519**	**5,466**	**5,590**	**5,735**
Canada	665	663	659	653	652	647	659	633	627	643
Mexico	320	324	352	340	331	350	365	380	384	386
United States	4,322	4,286	4,455	4,392	4,260	4,375	4,495	4,453	4,579	4,706
South and Central America	**1,285**	**1,288**	**1,301**	**1,312**	**1,290**	**1,348**	**1,378**	**1,428**	**1,483**	**1,517**
Argentina	146	146	152	146	145	154	146	153	153	154
Brazil	584	593	604	630	625	656	677	708	751	776
Chile	79	79	82	85	84	88	91	90	92	92
Colombia	74	76	79	80	80	84	86	89	92	93
Peru	52	53	55	57	53	57	60	62	64	n.d.
Trinidad & Tobago	9	9	9	9	9	9	10	10	10	10
Venezuela	118	112	94	80	83	85	89	83	92	94
Other	222	220	225	225	212	215	219	234	229	n.d.
Europe	**3,851**	**3,900**	**3,898**	**3,839**	**3,729**	**3,886**	**3,785**	**3,717**	**3,805**	**3,882**
Belgium	86	87	75	94	89	100	96	84	77	73
Czech Republic	83	87	88	87	82	85	85	77	74	76
Finland	69	68	70	69	69	72	72	82	83	83
France	565	562	583	571	533	556	475	525	571	580
Germany	650	654	640	607	575	593	579	522	514	518
Italy	290	296	290	294	281	289	284	265	271	275
Netherlands	115	117	114	121	123	122	122	122	124	135
Norway	149	149	147	135	155	158	147	155	159	163
Poland	167	170	170	164	158	180	180	167	172	179
Portugal	60	59	60	53	53	51	49	49	51	56
Romania	65	64	65	60	56	59	56	58	53	52
Spain	275	276	274	273	263	274	292	286	288	299
Sweden	156	164	163	168	164	172	173	166	172	171
Turkey	274	297	305	304	307	335	328	331	355	363
United Kingdom	337	337	332	323	311	309	326	293	284	289
EU	2,929	2,961	2,944	2,908	2,790	2,916	2,824	2,760	2,828	2,876
Other	510	512	521	516	510	531	522	536	557	570
Former Soviet Union	**1,541**	**1,550**	**1,591**	**1,591**	**1,561**	**1,658**	**1,613**	**1,623**	**1,669**	**1,660**
Azerbaijan	25	24	25	26	26	28	29	29	28	29
Kazakhstan	95	103	108	107	111	115	114	114	119	124
Russia	1,091	1,094	1,115	1,121	1,090	1,159	1,151	1,162	1,193	1,175
Ukraine	165	156	160	154	148	158	113	106	103	n.d.
Uzbekistan	59	60	62	63	67	71	74	78	83	88
Other	108	112	121	119	119	127	132	135	143	n.d.
Middle East	**1,154**	**1,237**	**1,234**	**1,288**	**1,299**	**1,343**	**1,439**	**1,503**	**1,566**	**1,610**
Iran	289	308	310	327	342	356	369	385	399	407
Iraq	82	94	98	115	117	120	134	150	150	159
Kuwait	70	73	74	75	75	81	84	88	90	83
Qatar	42	46	48	50	49	52	55	56	57	56
Saudi Arabia	345	379	359	368	367	379	438	441	467	489
United Arab Emirates	130	135	137	139	137	149	156	169	181	187
Other	195	202	207	215	210	206	204	212	223	229
Africa	**810**	**829**	**855**	**866**	**851**	**890**	**907**	**916**	**953**	**982**
Algeria	71	76	77	82	79	85	91	96	101	108
Angola	10	11	14	14	14	15	16	17	17	n.d.
Egypt	192	195	203	194	197	205	214	216	229	240
Libya	31	33	34	35	29	35	35	38	38	n.d.
Nigeria	37	32	34	36	35	37	35	37	36	41
South Africa	255	258	256	253	240	244	235	223	233	228
Other	213	224	238	252	256	269	281	290	299	n.d.
Asia-Pacific	**11,016**	**11,651**	**12,316**	**12,729**	**12,965**	**13,925**	**14,518**	**15,286**	**16,144**	**16,702**
Australia	257	258	261	264	265	266	272	274	280	286
China	6,133	6,604	7,166	7,503	7,779	8,534	8,849	9,456	10,090	10,574
India	1,432	1,490	1,522	1,577	1,533	1,610	1,817	1,957	2,058	2,077
Indonesia	233	263	276	281	277	290	344	375	399	412
Japan	1,071	1,081	1,067	1,039	1,017	1,050	1,018	1,003	1,008	1,021
Malaysia	157	165	171	178	174	180	196	193	201	202
New Zealand	44	45	45	45	45	45	45	45	45	45
South Korea	562	574	594	585	594	626	625	611	619	618
Taiwan	264	270	276	274	280	291	288	282	288	288
Thailand	188	182	183	191	188	182	189	199	211	201
Other	675	720	757	790	813	852	876	891	944	977
OECD	**11,104**	**11,153**	**11,349**	**11,194**	**10,937**	**11,278**	**11,312**	**11,164**	**11,419**	**11,653**
Non-OECD	**13,850**	**14,565**	**15,302**	**15,803**	**15,989**	**17,131**	**17,834**	**18,763**	**19,793**	**20,435**
World	**24,965**	**25,729**	**26,662**	**27,009**	**26,937**	**28,422**	**29,159**	**29,939**	**31,211**	**32,087**

Renewables in Power Generation (%)	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**21.6%**	**23.6%**	**23.1%**	**23.9%**	**26.0%**	**26.3%**	**27.7%**	**27.1%**	**27.9%**	**29.1%**
Canada	64.9%	66.6%	66.0%	65.9%	67.1%	67.4%	68.8%	66.2%	65.2%	64.7%
Mexico	15.2%	16.0%	15.9%	17.1%	21.2%	23.6%	22.7%	18.6%	19.0%	20.9%
United States	15.4%	17.5%	17.3%	18.1%	20.1%	20.5%	22.0%	22.3%	23.5%	24.9%
South and Central America	**63.6%**	**65.9%**	**67.8%**	**68.2%**	**69.0%**	**66.4%**	**72.3%**	**73.5%**	**73.7%**	**73.7%**
Argentina	27.9%	30.6%	29.6%	32.3%	25.7%	24.4%	29.4%	39.3%	39.3%	39.2%
Brazil	79.8%	78.8%	82.0%	81.8%	83.5%	77.4%	87.7%	89.0%	88.0%	86.6%
Chile	43.3%	43.9%	46.2%	46.6%	48.7%	48.8%	55.5%	63.6%	68.4%	65.2%
Colombia	65.2%	77.6%	75.2%	70.1%	65.8%	77.3%	75.8%	69.8%	64.6%	79.2%
Peru	51.1%	58.8%	61.0%	60.4%	63.7%	61.9%	55.7%	53.3%	59.8%	n.d.
Trinidad & Tobago	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Venezuela	53.4%	62.5%	69.4%	78.9%	81.5%	80.1%	77.5%	76.6%	77.4%	79.1%
Europe	**34.0%**	**33.9%**	**36.3%**	**38.6%**	**42.8%**	**41.3%**	**42.8%**	**48.3%**	**51.0%**	**50.3%**
Belgium	18.0%	19.5%	24.3%	21.7%	27.4%	23.6%	26.9%	34.3%	35.8%	39.8%
Czech Republic	12.7%	12.4%	11.9%	12.9%	14.3%	13.9%	13.9%	15.9%	18.0%	17.5%
Finland	44.2%	46.6%	45.7%	46.4%	51.9%	52.9%	53.6%	51.9%	56.1%	n.d.
France	18.5%	17.4%	20.5%	20.7%	24.4%	22.9%	25.2%	27.8%	28.2%	28.0%
Germany	30.0%	34.0%	35.6%	40.6%	44.8%	40.3%	44.6%	54.2%	57.5%	57.1%
Italy	37.9%	35.7%	40.1%	40.0%	42.4%	41.0%	36.0%	44.6%	50.2%	48.1%
Netherlands	12.8%	14.9%	16.5%	18.8%	26.5%	33.1%	39.6%	46.8%	50.1%	48.7%
Norway	97.8%	97.8%	97.8%	97.7%	98.4%	99.1%	98.5%	98.5%	98.6%	98.9%
Poland	14.0%	14.4%	13.0%	16.0%	18.4%	17.4%	21.6%	28.2%	31.1%	33.0%
Portugal	55.5%	40.9%	51.4%	54.2%	59.6%	64.9%	61.3%	75.8%	86.2%	81.0%
Romania	42.2%	38.3%	41.0%	42.0%	44.6%	44.9%	42.8%	49.8%	46.4%	45.4%
Spain	39.3%	32.9%	38.8%	37.8%	44.5%	47.0%	43.6%	52.4%	58.1%	57.2%
Sweden	57.2%	57.9%	55.8%	58.7%	68.5%	67.4%	68.3%	69.4%	69.4%	71.6%
Turkey	32.9%	29.3%	32.1%	43.5%	41.8%	35.4%	42.0%	42.3%	45.9%	43.0%
United Kingdom	25.5%	30.2%	33.9%	37.6%	43.5%	40.3%	42.2%	46.9%	50.8%	52.3%
EU	30.7%	30.5%	32.9%	34.5%	39.0%	37.9%	39.4%	45.7%	48.3%	47.8%
Former Soviet Union	**16.9%**	**17.2%**	**17.2%**	**17.4%**	**19.1%**	**18.6%**	**18.3%**	**18.6%**	**19.4%**	**18.9%**
Azerbaijan	8.4%	7.8%	7.8%	7.0%	5.1%	5.5%	6.3%	6.9%	13.2%	13.0%
Kazakhstan	12.7%	11.3%	10.4%	10.8%	11.0%	10.9%	11.8%	12.7%	14.9%	14.5%
Russia	17.2%	17.2%	17.4%	17.7%	20.0%	19.2%	18.1%	18.1%	18.4%	17.7%
Ukraine	6.6%	7.9%	9.1%	8.6%	11.8%	13.0%	15.5%	18.4%	18.1%	n.d.
Uzbekistan	11.7%	13.1%	9.4%	10.3%	7.5%	7.0%	9.3%	9.7%	15.6%	19.1%
Middle East	**2.1%**	**1.9%**	**2.1%**	**3.9%**	**3.5%**	**2.8%**	**3.3%**	**3.9%**	**4.0%**	**4.4%**
Iran	5.8%	5.0%	5.4%	9.9%	6.8%	3.8%	5.0%	4.8%	4.0%	3.3%
Iraq	4.2%	2.4%	1.9%	4.4%	3.6%	2.8%	2.0%	1.0%	2.4%	2.2%
Kuwait	0.0%	0.1%	0.1%	0.2%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%
Qatar	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Saudi Arabia	0.0%	0.0%	0.1%	0.1%	0.3%	0.4%	0.6%	0.6%	1.0%	1.7%
United Arab Emirates	0.2%	0.5%	1.0%	2.7%	4.0%	3.9%	5.0%	8.7%	8.5%	9.4%
Africa	**18.1%**	**18.8%**	**19.9%**	**20.9%**	**22.9%**	**23.0%**	**23.8%**	**24.4%**	**24.1%**	**27.7%**
Algeria	0.6%	0.8%	1.0%	1.0%	0.9%	0.8%	0.7%	0.8%	0.7%	0.6%
Angola	56.6%	69.0%	77.3%	76.6%	86.8%	76.6%	81.3%	82.4%	n.d.	n.d.
Egypt	8.3%	8.1%	7.8%	9.5%	12.1%	12.3%	11.9%	12.2%	12.0%	13.7%
Libya	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	n.d.
Nigeria	22.4%	24.5%	22.9%	23.0%	23.8%	21.5%	26.8%	25.4%	30.5%	37.4%
South Africa	4.3%	5.7%	6.5%	7.0%	7.9%	9.1%	10.0%	10.4%	9.6%	10.5%
Asia-Pacific	**20.6%**	**21.1%**	**22.1%**	**23.1%**	**24.3%**	**25.1%**	**26.4%**	**26.6%**	**28.9%**	**31.9%**
Australia	14.6%	15.7%	17.1%	19.7%	22.6%	26.7%	30.9%	33.9%	35.1%	38.0%
China	24.5%	24.6%	25.1%	26.1%	27.0%	27.5%	29.0%	29.4%	32.6%	35.8%
India	15.7%	16.5%	19.6%	21.3%	23.0%	23.7%	22.9%	21.1%	22.2%	26.0%
Indonesia	15.1%	12.7%	12.5%	12.5%	13.5%	13.2%	12.9%	13.2%	13.9%	15.1%
Japan	14.7%	16.2%	17.1%	18.6%	20.3%	21.1%	22.4%	23.6%	24.0%	24.8%
Malaysia	13.5%	16.9%	16.6%	16.1%	17.6%	19.1%	18.7%	19.0%	19.8%	20.3%
New Zealand	84.6%	81.5%	83.7%	82.0%	80.4%	81.4%	86.6%	87.6%	84.9%	87.9%
South Korea	3.5%	4.0%	4.5%	5.3%	6.2%	6.6%	7.9%	8.4%	9.0%	9.8%
Taiwan	5.4%	5.2%	5.2%	6.1%	5.9%	6.5%	8.7%	10.0%	12.0%	13.3%
Thailand	13.5%	14.2%	16.5%	17.5%	19.6%	18.4%	20.4%	19.1%	19.7%	22.0%
OECD	**24.5%**	**25.8%**	**26.4%**	**27.8%**	**30.5%**	**30.3%**	**31.8%**	**33.5%**	**34.9%**	**35.6%**
Non-OECD	**23.4%**	**23.6%**	**24.5%**	**25.3%**	**26.2%**	**26.4%**	**27.6%**	**27.9%**	**29.8%**	**32.1%**
World	**23.9%**	**24.6%**	**25.3%**	**26.3%**	**28.0%**	**28.0%**	**29.3%**	**30.0%**	**31.6%**	**33.4%**



CO2 Emissions from Fossil Fuels

Total CO_2 Emissions *(Million tonnes of carbon dioxide)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**6,115**	**6,061**	**6,228**	**6,083**	**5,477**	**5,789**	**5,894**	**5,699**	**5,701**	**5,841**
Canada	581	599	621	617	556	570	584	576	577	591
Mexico	497	503	489	497	449	463	491	506	515	504
United States	5,037	4,959	5,118	4,969	4,472	4,756	4,819	4,618	4,609	4,745
South and Central America	**1,343**	**1,313**	**1,275**	**1,272**	**1,160**	**1,291**	**1,286**	**1,282**	**1,294**	**1,301**
Argentina	197	196	189	204	177	177	177	177	177	177
Brazil	503	508	483	482	462	523	495	496	500	508
Chile	90	91	91	96	89	93	91	78	75	81
Colombia	97	87	92	93	86	96	101	105	108	99
Peru	54	53	53	55	45	58	64	66	66	n.d.
Trinidad & Tobago	34	32	33	33	30	29	29	28	28	28
Venezuela	158	145	126	110	80	86	94	94	97	98
Other	210	202	209	219	195	215	225	234	239	n.d.
Europe	**4,037**	**4,096**	**4,026**	**3,853**	**3,552**	**3,783**	**3,675**	**3,416**	**3,360**	**3,360**
Belgium	96	96	96	97	89	93	87	84	85	85
Czech Republic	108	109	108	102	94	98	97	85	80	81
Finland	49	46	47	44	39	39	37	33	31	29
France	332	336	330	324	288	313	302	279	272	267
Germany	784	766	743	695	642	670	655	587	566	546
Italy	347	344	339	331	295	329	331	305	292	295
Netherlands	169	166	161	155	140	144	131	121	117	122
Norway	47	46	46	44	43	44	43	41	38	40
Poland	318	331	331	313	298	327	309	281	274	283
Portugal	51	56	52	47	41	40	40	38	36	35
Romania	79	83	84	82	77	82	77	71	71	69
Spain	265	280	275	256	215	233	240	222	220	222
Sweden	42	41	39	38	37	39	37	35	38	38
Turkey	392	436	431	415	425	462	446	445	469	479
United Kingdom	392	381	374	359	320	339	322	304	297	292
EU	3,069	3,096	3,040	2,899	2,633	2,805	2,734	2,500	2,433	2,426
Other	567	579	570	549	509	532	523	485	475	476
Former Soviet Union	**2,482**	**2,520**	**2,663**	**2,621**	**2,532**	**2,747**	**2,659**	**2,736**	**2,791**	**n.d.**
Azerbaijan	34	34	35	37	36	38	40	42	43	38
Kazakhstan	229	251	234	231	231	250	238	255	261	285
Russia	1,704	1,734	1,873	1,843	1,768	1,927	1,927	1,974	2,010	1,981
Ukraine	235	215	228	217	207	201	124	131	133	n.d.
Uzbekistan	116	114	114	117	114	132	127	132	133	127
Other	163	171	180	176	177	200	204	202	213	n.d.
Middle East	**2,090**	**2,099**	**2,070**	**2,187**	**2,169**	**2,270**	**2,331**	**2,404**	**2,444**	**n.d.**
Iran	642	672	658	710	734	782	804	835	846	863
Iraq	154	166	180	197	188	203	225	236	241	245
Kuwait	100	99	100	98	95	102	103	111	112	114
Qatar	119	118	119	122	120	123	124	125	123	128
Saudi Arabia	599	565	537	579	570	594	607	618	631	630
United Arab Emirates	209	199	196	198	196	200	198	207	215	220
Other	268	280	279	282	267	267	270	273	277	n.d.
Africa	**1,441**	**1,451**	**1,474**	**1,519**	**1,429**	**1,516**	**1,486**	**1,499**	**1,533**	**1,585**
Algeria	159	164	173	179	168	178	188	189	196	207
Angola	27	24	23	22	18	21	22	23	23	n.d.
Egypt	245	252	236	245	234	263	247	237	245	245
Libya	51	55	57	57	45	58	58	63	64	n.d.
Nigeria	114	112	117	124	116	127	126	120	123	139
South Africa	518	515	520	531	504	499	456	466	470	468
Other	328	329	348	360	343	371	390	400	410	n.d.
Asia-Pacific	**17,860**	**18,489**	**19,258**	**19,602**	**19,370**	**20,200**	**20,781**	**21,657**	**21,930**	**n.d.**
Australia	401	414	411	410	394	387	380	379	379	371
China	10,764	11,027	11,504	11,775	11,940	12,568	12,704	13,213	13,279	13,111
India	2,541	2,726	2,896	2,889	2,670	2,840	3,083	3,510	3,620	3,630
Indonesia	507	536	651	691	664	645	864	866	930	969
Japan	1,222	1,209	1,161	1,124	1,064	1,077	1,053	1,004	990	974
Malaysia	250	248	248	255	253	258	289	290	304	315
New Zealand	35	36	36	37	35	35	32	32	31	30
South Korea	653	679	697	672	632	661	647	619	602	598
Taiwan	310	317	311	301	300	310	300	291	286	285
Thailand	275	276	270	275	264	256	262	260	263	259
Other	903	1,022	1,074	1,172	1,155	1,163	1,166	1,193	1,244	.
OECD	**12,470**	**12,486**	**12,555**	**12,187**	**11,155**	**11,736**	**11,691**	**11,168**	**11,084**	**11,195**
Non-OECD	**22,891**	**23,535**	**24,432**	**24,940**	**24,535**	**25,860**	**26,421**	**27,526**	**27,970**	**28,034**
World	**35,369**	**36,029**	**36,995**	**37,136**	**35,689**	**37,597**	**38,111**	**38,694**	**39,054**	**39,229**

Note: Total CO_2 emissions includes emissions from fuel combustion, emissions from industrial process, fugitive emissions from flared gas and emissions from wastes

Oil CO_2 Emissions *(Million tonnes of carbon dioxide)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**2,477**	**2,466**	**2,507**	**2,476**	**2,139**	**2,308**	**2,383**	**2,328**	**2,334**	**2,380**
Canada	251	257	263	260	225	228	239	238	240	250
Mexico	254	247	237	244	206	210	232	229	240	236
United States	1,972	1,962	2,007	1,972	1,707	1,870	1,913	1,860	1,855	1,894
South and Central America	**756**	**738**	**713**	**701**	**618**	**685**	**717**	**727**	**724**	**732**
Argentina	83	78	71	68	65	71	74	71	65	67
Brazil	297	300	281	284	272	292	297	305	302	302
Chile	47	47	48	48	44	47	49	48	47	51
Colombia	48	42	43	40	36	46	49	50	50	51
Peru	29	30	30	31	25	31	34	35	36	n.d.
Trinidad & Tobago	4	4	3	3	3	3	3	3	3	3
Venezuela	77	72	65	51	23	28	32	32	33	35
Other	172	165	172	175	151	168	179	183	188	n.d.
Europe	**1,505**	**1,529**	**1,517**	**1,511**	**1,357**	**1,432**	**1,468**	**1,443**	**1,446**	**1,450**
Belgium	42	41	41	40	36	38	37	37	38	37
Czech Republic	20	21	21	21	20	21	22	22	23	24
Finland	22	21	20	20	19	18	18	17	17	16
France	185	184	178	175	153	168	170	163	161	159
Germany	243	241	238	245	230	215	220	209	207	194
Italy	144	137	140	138	116	137	148	146	142	143
Netherlands	48	47	48	47	42	43	43	44	40	43
Norway	22	21	21	20	20	20	20	20	18	20
Poland	67	76	78	80	77	83	84	84	84	93
Portugal	25	25	25	25	22	22	24	25	24	23
Romania	25	27	27	28	27	29	30	31	33	31
Spain	141	143	144	142	118	131	137	131	134	134
Sweden	26	25	23	23	22	24	22	21	25	25
Turkey	101	122	118	114	112	119	122	129	134	138
United Kingdom	160	161	158	156	129	140	140	139	141	143
EU	1,169	1,173	1,169	1,169	1,051	1,104	1,136	1,107	1,104	1,143
Other	234	237	236	237	215	226	231	226	225	226
Former Soviet Union	**456**	**464**	**442**	**450**	**432**	**471**	**483**	**488**	**484**	**497**
Azerbaijan	11	11	11	11	9	10	11	12	16	11
Kazakhstan	45	45	42	36	41	49	46	48	46	50
Russia	310	320	301	313	295	321	338	338	327	335
Ukraine	32	30	29	30	26	29	24	25	25	n.d.
Uzbekistan	10	10	10	11	12	12	13	15	15	14
Other	48	48	49	49	49	50	50	50	55	n.d.
Middle East	**847**	**831**	**798**	**858**	**796**	**855**	**906**	**911**	**922**	**917**
Iran	186	195	189	210	197	212	235	226	228	238
Iraq	91	97	101	110	99	114	135	141	147	146
Kuwait	48	47	47	44	42	48	46	45	42	44
Qatar	16	17	15	16	15	16	18	18	19	20
Saudi Arabia	355	311	281	320	302	323	329	335	336	324
United Arab Emirates	43	46	46	42	37	41	42	45	46	47
Other	108	116	118	116	104	100	101	102	103	99
Africa	**535**	**525**	**525**	**528**	**485**	**543**	**561**	**571**	**587**	**621**
Algeria	55	53	54	56	49	51	54	56	60	63
Angola	14	13	14	13	10	13	14	16	16	n.d.
Egypt	112	102	91	81	79	98	101	107	112	112
Libya	27	28	28	28	25	25	26	27	31	n.d.
Nigeria	55	56	59	63	56	62	66	62	61	75
South Africa	75	73	72	69	58	67	67	71	67	67
Other	196	199	206	218	208	226	233	233	240	n.d.
Asia-Pacific	**3,249**	**3,341**	**3,397**	**3,463**	**3,244**	**3,342**	**3,461**	**3,566**	**3,619**	**3,647**
Australia	129	132	135	135	127	127	128	136	139	137
China	1,272	1,318	1,351	1,416	1,368	1,442	1,428	1,522	1,526	1,532
India	521	549	562	570	506	531	589	611	640	662
Indonesia	197	213	239	233	209	207	244	241	250	254
Japan	394	380	364	349	327	327	330	314	308	305
Malaysia	76	79	75	84	67	66	78	81	86	90
New Zealand	19	20	20	20	18	19	19	18	18	18
South Korea	167	161	157	158	150	153	149	143	141	137
Taiwan	73	72	68	66	63	62	62	60	57	60
Thailand	94	95	101	102	98	94	101	104	104	103
Other	307	323	324	329	311	315	335	335	350	348
OECD	**4,730**	**4,719**	**4,732**	**4,678**	**4,143**	**4,399**	**4,512**	**4,417**	**4,416**	**4,465**
Non-OECD	**5,087**	**5,165**	**5,158**	**5,301**	**4,929**	**5,237**	**5,466**	**5,616**	**5,700**	**5,780**
World	**9,825**	**9,892**	**9,898**	**9,986**	**9,072**	**9,636**	**9,978**	**10,033**	**10,116**	**10,245**

Natural Gas CO_2 Emissions *(Million tonnes of carbon dioxide)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**1,848**	**1,822**	**2,003**	**2,062**	**2,033**	**2,047**	**2,148**	**2,183**	**2,217**	**2,245**
Canada	221	224	243	243	236	244	254	257	265	273
Mexico	146	150	149	148	139	146	150	162	163	160
United States	1,481	1,448	1,612	1,672	1,658	1,657	1,743	1,764	1,789	1,813
South and Central America	**283**	**281**	**268**	**261**	**245**	**279**	**261**	**258**	**272**	**269**
Argentina	90	91	90	86	80	87	83	81	90	88
Brazil	68	71	69	68	64	85	64	59	62	68
Chile	9	9	9	10	10	11	12	12	11	11
Colombia	24	22	23	23	20	20	21	22	23	19
Peru	17	15	15	16	13	18	20	22	20	n.d.
Trinidad & Tobago	14	14	14	13	12	10	11	11	11	11
Venezuela	46	44	33	29	30	31	34	34	36	35
Other	15	15	15	16	15	16	15	18	18	n.d.
Europe	**983**	**1,027**	**1,004**	**1,015**	**993**	**1,062**	**941**	**868**	**864**	**890**
Belgium	31	32	33	33	33	34	29	27	26	27
Czech Republic	17	17	16	17	17	18	15	13	13	14
Finland	5	5	5	5	5	5	2	3	2	2
France	87	87	83	85	79	84	77	68	64	62
Germany	167	172	169	170	172	183	160	151	153	159
Italy	134	142	138	141	135	145	130	117	118	120
Netherlands	66	67	67	69	68	65	52	49	47	48
Norway	12	13	12	12	11	11	10	10	9	9
Poland	30	31	32	33	34	37	32	34	35	37
Portugal	10	13	12	12	12	12	11	9	7	8
Romania	20	21	22	20	21	22	19	18	18	18
Spain	57	62	62	71	64	67	66	58	53	57
Sweden	2	1	2	1	1	2	1	1	1	1
Turkey	88	103	94	86	92	113	100	94	101	111
United Kingdom	159	156	158	156	147	154	141	127	124	123
EU	711	742	728	749	731	769	677	625	617	647
Other	97	103	101	103	103	110	97	89	91	94
Former Soviet Union	**1,052**	**1,078**	**1,196**	**1,116**	**1,066**	**1,213**	**1,141**	**1,174**	**1,235**	**1,211**
Azerbaijan	20	20	21	22	23	23	25	26	24	23
Kazakhstan	28	30	32	39	34	42	40	48	60	69
Russia	775	796	906	825	785	884	834	856	903	878
Ukraine	54	53	56	49	49	49	33	34	37	n.d.
Uzbekistan	87	86	82	85	79	96	88	88	87	83
Other	88	93	99	96	97	119	122	121	124	n.d.
Middle East	**901**	**920**	**921**	**981**	**1,018**	**1,047**	**1,065**	**1,115**	**1,138**	**1,168**
Iran	366	380	373	408	441	466	466	494	498	505
Iraq	20	25	31	38	40	39	38	43	40	45
Kuwait	42	43	46	47	45	46	48	56	59	60
Qatar	71	72	72	75	74	75	77	77	73	74
Saudi Arabia	162	171	173	177	180	182	189	190	201	212
United Arab Emirates	138	123	120	128	130	127	130	134	140	143
Other	102	105	106	109	108	113	116	120	125	129
Africa	**255**	**262**	**263**	**284**	**270**	**291**	**284**	**283**	**287**	**298**
Algeria	71	75	80	83	81	88	95	96	100	106
Angola	2	2	2	2	3	3	2	2	2	n.d.
Egypt	88	99	88	111	107	113	97	80	81	81
Libya	16	16	16	16	14	18	18	19	18	n.d.
Nigeria	30	28	29	31	30	30	28	28	29	30
South Africa	5	5	5	5	5	4	4	5	5	4
Other	43	38	44	35	31	34	40	53	53	n.d.
Asia-Pacific	**1,334**	**1,412**	**1,522**	**1,515**	**1,526**	**1,616**	**1,598**	**1,644**	**1,712**	**1,728**
Australia	68	71	73	75	78	75	75	73	72	71
China	405	475	565	566	599	672	664	704	755	771
India	69	76	80	79	77	86	81	95	100	97
Indonesia	70	70	75	73	62	63	66	69	72	73
Japan	245	239	229	219	218	207	197	191	187	183
Malaysia	68	59	57	64	60	69	81	79	84	87
New Zealand	7	7	7	7	7	6	6	6	5	5
South Korea	97	101	117	114	113	125	125	119	122	123
Taiwan	47	52	53	52	56	61	63	62	68	76
Thailand	83	78	80	84	76	76	69	74	75	72
Other	175	185	185	182	179	176	171	172	171	173
OECD	**3,264**	**3,280**	**3,446**	**3,509**	**3,455**	**3,533**	**3,509**	**3,459**	**3,488**	**3,534**
Non-OECD	**3,392**	**3,523**	**3,731**	**3,726**	**3,696**	**4,022**	**3,929**	**4,065**	**4,235**	**4,275**
World	**6,655**	**6,802**	**7,177**	**7,235**	**7,151**	**7,555**	**7,438**	**7,524**	**7,723**	**7,809**

Coal CO_2 Emissions *(Million tonnes of carbon dioxide)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**1,490**	**1,453**	**1,373**	**1,183**	**958**	**1,078**	**1,011**	**849**	**814**	**878**
Canada	70	70	58	56	46	44	36	34	28	24
Mexico	47	51	43	43	32	27	37	42	40	37
United States	1,373	1,332	1,272	1,084	879	1,007	938	773	746	818
South and Central America	**139**	**133**	**133**	**141**	**133**	**149**	**130**	**122**	**123**	**120**
Argentina	8	8	9	7	7	9	9	9	7	7
Brazil	76	74	73	69	64	79	64	62	67	69
Chile	31	31	30	34	31	31	26	14	13	15
Colombia	15	12	14	17	17	15	16	20	22	17
Peru	3	3	3	3	2	3	3	3	2	n.d.
Trinidad & Tobago	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Venezuela	1	0	0	0	0	0	0	0	0	0
Other	6	4	5	11	12	13	12	14	12	n.d.
Europe	**1,133**	**1,117**	**1,077**	**909**	**788**	**861**	**866**	**711**	**654**	**624**
Belgium	8	8	8	8	6	7	7	6	7	8
Czech Republic	61	60	60	54	47	50	51	42	35	35
Finland	17	16	17	14	11	12	11	8	7	7
France	24	30	33	27	22	27	23	17	15	14
Germany	298	277	265	211	173	200	212	164	144	132
Italy	40	35	33	24	18	19	27	16	7	6
Netherlands	39	35	31	23	15	21	21	14	16	17
Norway	3	3	3	3	3	3	3	3	3	3
Poland	193	195	190	170	157	177	165	136	128	126
Portugal	11	13	11	5	2	1	0	0	0	0
Romania	24	24	23	22	16	18	16	12	10	10
Spain	41	50	44	19	10	11	13	9	8	7
Sweden	5	6	6	5	4	5	4	4	4	4
Turkey	150	156	160	161	158	164	163	157	167	163
United Kingdom	48	39	33	23	21	21	20	17	10	5
EU	870	858	821	662	545	616	623	480	423	407
Other	170	171	161	140	123	126	128	105	93	88
Former Soviet Union	**630**	**627**	**656**	**650**	**622**	**638**	**637**	**662**	**650**	**653**
Azerbaijan	0	0	0	0	0	0	0	0	0	0
Kazakhstan	132	153	138	136	134	138	132	138	134	144
Russia	362	360	393	395	377	395	437	447	438	431
Ukraine	120	97	106	100	90	84	46	50	51	n.d.
Uzbekistan	6	5	7	7	10	9	10	14	15	15
Other	10	11	12	11	11	12	12	12	13	n.d.
Middle East	**38**	**36**	**34**	**36**	**34**	**36**	**29**	**30**	**26**	**28**
Iran	5	4	5	6	5	7	7	7	6	6
Iraq	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Kuwait	0	0	0	0	0	0	0	0	1	1
Qatar	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Saudi Arabia	0	1	0	1	0	1	1	1	1	1
United Arab Emirates	7	9	8	7	9	11	4	6	5	7
Other	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Africa	**436**	**443**	**461**	**481**	**463**	**452**	**416**	**415**	**427**	**423**
Algeria	0	1	1	1	0	1	0	0	0	0
Angola	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Egypt	2	7	13	11	6	9	8	6	8	8
Libya	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Nigeria	2	2	2	2	2	3	3	3	3	2
South Africa	397	395	403	419	409	390	350	352	359	357
Other	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Asia-Pacific	**10,838**	**11,240**	**11,761**	**11,925**	**11,859**	**12,428**	**12,956**	**13,666**	**13,843**	**13,768**
Australia	180	189	179	176	165	161	153	148	146	140
China	7,381	7,499	7,774	7,869	7,990	8,456	8,685	9,067	9,120	9,028
India	1,715	1,852	1,998	1,975	1,839	1,949	2,124	2,483	2,544	2,531
Indonesia	184	192	271	317	329	306	483	481	533	566
Japan	458	463	448	442	412	431	414	392	392	380
Malaysia	75	83	89	84	99	91	94	93	94	97
New Zealand	5	5	5	6	6	7	5	4	5	4
South Korea	313	338	353	332	292	301	291	279	260	259
Taiwan	164	168	166	161	158	164	152	146	139	128
Thailand	64	68	53	53	55	50	55	44	46	46
Other	299	382	425	511	515	513	500	529	565	588
OECD	**3,535**	**3,517**	**3,393**	**3,014**	**2,592**	**2,804**	**2,698**	**2,351**	**2,243**	**2,255**
Non-OECD	**11,168**	**11,532**	**12,103**	**12,309**	**12,264**	**12,839**	**13,347**	**14,104**	**14,295**	**14,240**
World	**14,704**	**15,049**	**15,496**	**15,324**	**14,856**	**15,643**	**16,045**	**16,454**	**16,538**	**16,495**

CO_2 Emissions Intensity to GDP *(kCO_2/thousand $15ppp)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**266**	**256**	**256**	**242**	**223**	**224**	**221**	**207**	**201**	**203**
Canada	337	333	332	322	309	296	292	287	284	289
Mexico	190	187	176	179	170	163	171	171	172	167
United States	260	249	250	235	216	218	215	200	194	196
South and Central America	**171**	**167**	**160**	**159**	**154**	**157**	**154**	**152**	**150**	**147**
Argentina	214	205	200	194	203	202	191	188	192	184
Brazil	152	152	142	140	137	149	136	132	129	128
Chile	209	209	199	211	207	195	186	159	148	158
Colombia	136	118	120	117	114	115	113	121	123	109
Peru	134	126	121	124	113	126	137	143	138	n.d.
Trinidad & Tobago	473	495	487	469	460	409	439	421	427	413
Venezuela	260	288	304	340	325	358	369	355	352	351
Europe	**157**	**154**	**148**	**139**	**134**	**134**	**126**	**115**	**112**	**110**
Belgium	161	158	157	152	149	146	129	123	123	123
Czech Republic	269	259	249	228	220	224	214	189	174	173
Finland	189	173	175	161	146	141	132	117	108	103
France	110	110	106	101	97	100	94	86	83	80
Germany	180	170	164	151	145	146	142	127	122	117
Italy	142	138	135	131	128	131	127	116	110	110
Netherlands	177	169	160	151	140	136	117	108	103	106
Norway	120	116	114	110	107	103	98	95	86	91
Poland	279	276	259	234	226	234	210	190	180	181
Portugal	151	160	144	126	119	107	102	94	87	83
Romania	157	151	143	135	130	133	121	111	109	106
Spain	143	148	142	130	121	123	120	107	103	101
Sweden	74	72	66	63	62	63	57	55	60	59
Turkey	162	170	163	157	155	152	140	132	135	134
United Kingdom	132	124	120	114	113	110	101	94	91	89
EU	161	158	151	141	135	136	128	116	111	109
Former Soviet Union	**421**	**417**	**428**	**403**	**397**	**411**	**410**	**404**	**394**	**383**
Azerbaijan	222	220	220	227	228	229	234	244	243	206
Kazakhstan	500	533	476	452	461	484	445	456	445	459
Russia	419	419	442	417	408	423	431	423	412	402
Ukraine	465	399	409	371	364	347	309	n.d.	n.d.	n.d.
Uzbekistan	463	435	404	395	379	408	367	364	343	303
Middle East	**344**	**340**	**329**	**350**	**356**	**356**	**342**	**345**	**344**	**340**
Iran	453	459	456	518	517	526	524	512	501	520
Iraq	280	313	328	347	372	404	424	450	464	474
Kuwait	506	531	528	505	510	540	509	561	578	573
Qatar	351	364	353	366	368	370	373	368	350	347
Saudi Arabia	316	292	267	286	289	285	260	263	264	252
United Arab Emirates	293	273	265	267	279	272	249	252	253	246
Africa	**201**	**195**	**191**	**193**	**186**	**187**	**177**	**173**	**172**	**170**
Algeria	219	220	228	234	231	239	246	241	245	249
Angola	81	76	79	82	72	83	88	93	89	n.d.
Egypt	179	177	155	155	142	157	137	124	126	121
Libya	372	286	268	301	371	327	364	345	368	n.d.
Nigeria	90	87	90	93	87	92	91	83	82	90
South Africa	624	612	610	625	638	595	532	537	538	530
Asia-Pacific	**330**	**330**	**320**	**310**	**310**	**300**	**300**	**300**	**290**	**280**
Australia	334	338	326	317	305	292	275	267	263	252
China	458	440	429	411	406	397	392	390	375	356
India	296	297	298	285	279	270	273	285	276	257
Indonesia	163	164	192	195	191	177	232	220	227	225
Japan	215	209	201	195	193	190	184	173	171	166
Malaysia	274	261	250	250	258	249	257	248	246	243
New Zealand	169	174	165	168	157	152	135	132	130	125
South Korea	298	303	305	286	267	267	254	240	228	224
Taiwan	527	522	497	468	451	437	411	395	370	356
Thailand	210	201	188	188	191	182	182	177	175	168
OECD	**212**	**206**	**203**	**193**	**183**	**181**	**176**	**165**	**160**	**159**
Non-OECD	**323**	**317**	**314**	**308**	**310**	**310**	**310**	**310**	**310**	**310**
World	**270**	**265**	**262**	**255**	**250**	**248**	**244**	**240**	**235**	**228**

Note: CO_2 Emissions Intensity to GDP is calculatesd with CO_2 emissions from fuel combustion only.

CO_2 Emissions per capita *(tCO_2 per capita)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**12.7**	**12.5**	**12.7**	**12.3**	**11.0**	**11.6**	**11.8**	**11.2**	**11.1**	**11.3**
Canada	16.1	16.4	16.7	16.4	14.6	14.9	15.0	14.4	14.0	14.2
Mexico	4.1	4.1	3.9	3.9	3.5	3.6	3.8	3.9	3.9	3.8
United States	15.5	15.2	15.6	15.0	13.5	14.3	14.4	13.7	13.6	13.9
South and Central America	**2.7**	**2.6**	**2.5**	**2.5**	**2.3**	**2.5**	**2.5**	**2.4**	**2.5**	**2.4**
Argentina	4.5	4.4	4.2	4.1	3.8	4.2	4.1	4.0	4.0	4.0
Brazil	2.5	2.5	2.3	2.3	2.2	2.5	2.4	2.4	2.4	2.4
Chile	4.9	4.9	4.8	5.0	4.6	4.8	4.6	4.0	3.8	4.1
Colombia	2.1	1.8	1.9	1.9	1.7	1.9	1.9	2.0	2.0	1.9
Peru	1.8	1.7	1.7	1.7	1.4	1.7	1.9	2.0	1.9	n.d.
Trinidad & Tobago	24.8	23.9	23.9	24.3	21.8	20.9	21.2	20.1	20.5	20.2
Venezuela	5.1	4.7	4.2	3.8	2.8	3.1	3.3	3.3	3.4	3.4
Other	1.7	1.6	1.7	1.7	1.5	1.7	1.7	1.8	1.8	n.d.
Europe	**6.5**	**6.6**	**6.4**	**6.1**	**5.6**	**6.0**	**5.8**	**5.4**	**5.3**	**5.3**
Belgium	8.5	8.4	8.4	8.4	7.7	8.0	7.4	7.1	7.1	7.2
Czech Republic	10.2	10.3	10.1	9.6	8.8	9.4	9.1	7.8	7.3	7.5
Finland	8.8	8.3	8.5	8.0	7.1	7.0	6.6	5.9	5.4	5.2
France	5.0	5.0	4.9	4.8	4.3	4.6	4.4	4.1	4.0	3.9
Germany	9.5	9.3	9.0	8.4	7.7	8.0	7.8	7.0	6.8	6.5
Italy	5.8	5.7	5.6	5.5	5.0	5.6	5.6	5.2	5.0	5.0
Netherlands	9.9	9.7	9.3	9.0	8.0	8.2	7.4	6.8	6.5	6.7
Norway	8.9	8.8	8.6	8.3	8.0	8.1	7.8	7.4	6.9	7.1
Poland	8.4	8.7	8.7	8.3	7.9	8.8	8.4	7.6	7.5	7.8
Portugal	5.0	5.4	5.1	4.6	4.0	3.8	3.8	3.6	3.4	3.3
Romania	4.0	4.2	4.3	4.2	4.0	4.3	4.0	3.7	3.7	3.6
Spain	5.7	6.0	5.9	5.4	4.5	4.9	5.0	4.6	4.5	4.5
Sweden	4.2	4.1	3.8	3.7	3.6	3.8	3.5	3.4	3.6	3.5
Turkey	4.9	5.4	5.3	5.0	5.1	5.5	5.3	5.2	5.5	5.6
United Kingdom	6.0	5.8	5.6	5.4	4.8	5.1	4.8	4.4	4.3	4.2
EU	6.9	7.0	6.8	6.5	5.9	6.3	6.1	5.6	5.4	5.4
Other	6.1	6.2	6.1	6	5	6	6	5	5	5
Former Soviet Union	**8.0**	**8.2**	**8.3**	**8.3**	**8.3**	**8.3**	**8.3**	**8.3**	**8.3**	**8.3**
Azerbaijan	3.3	3.3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Kazakhstan	13.1	13.2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
Russia	11.0	11.7	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
Ukraine	4.5	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Uzbekistan	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Other	163	171	180	176	177	200	204	202	213	n.d.
Middle East	**8.3**	**8.2**	**8.0**	**8.3**	**8.1**	**8.4**	**8.4**	**8.5**	**8.4**	**n.d.**
Iran	7.7	7.9	7.6	8.2	8.4	8.8	9.0	9.2	9.2	9.3
Iraq	4.0	4.2	4.5	4.8	4.5	4.7	5.1	5.2	5.2	5.2
Kuwait	25.0	23.8	23.2	22.0	21.5	23.3	22.3	22.9	22.4	22.5
Qatar	47.9	46.5	46.1	46.2	42.9	49.1	46.7	47.0	43.2	44.3
Saudi Arabia	19.3	18.2	17.8	19.3	18.1	19.3	18.9	18.3	17.9	17.5
United Arab Emirates	23.4	21.5	21.0	21.0	20.9	20.9	19.6	19.7	19.7	20.1
Other	3.3	3.4	3.3	3.2	3.0	2.9	2.9	2.8	2.8	n.d.
Africa	**1.2**	**1.1**	**1.1**	**1.1**	**1.0**	**1.1**	**1.0**	**1.0**	**1.0**	**1.0**
Algeria	3.9	3.9	4.1	4.1	3.8	4.0	4.1	4.1	4.2	4.4
Angola	0.9	0.8	0.7	0.7	0.5	0.6	0.6	0.6	n.d.	n.d.
Egypt	2.4	2.4	2.2	2.3	2.1	2.4	2.2	2.1	2.1	2.1
Libya	7.7	8.2	8.3	8.2	6.4	8.1	8.0	8.6	8.7	n.d.
Nigeria	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.6
South Africa	9.0	8.9	8.9	8.9	8.3	8.1	7.3	7.4	7.3	7.2
Other	0.40	0.39	0.40	0.41	0.38	0.40	0.41	0.41	0.41	n.d.
Asia-Pacific	**4.3**	**4.4**	**4.6**	**4.6**	**4.5**	**4.7**	**4.8**	**5.0**	**5.0**	**n.d.**
Australia	16.6	16.8	16.5	16.2	15.4	15.0	14.6	14.2	13.9	13.5
China	7.8	7.9	8.2	8.4	8.5	8.9	9.0	9.4	9.4	9.3
India	1.9	2.0	2.1	2.1	1.9	2.0	2.2	2.4	2.5	2.5
Indonesia	1.9	2.0	2.4	2.5	2.4	2.3	3.1	3.1	3.3	3.4
Japan	9.6	9.5	9.2	8.9	8.4	8.6	8.4	8.1	8.0	7.9
Malaysia	7.9	7.6	7.5	7.6	7.5	7.5	8.3	8.3	8.6	8.7
New Zealand	7.4	7.5	7.3	7.5	6.8	6.8	6.3	6.0	5.8	5.6
South Korea	12.7	13.2	13.5	13.0	12.2	12.8	12.5	12.0	11.6	11.6
Taiwan	13.2	13.4	13.2	12.7	12.7	13.1	12.7	12.3	12.1	12.0
Thailand	3.9	3.9	3.8	3.9	3.7	3.6	3.7	3.6	3.7	3.6
Other	1.1	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	n.d.
OECD	**9.3**	**9.3**	**9.3**	**9.0**	**8.2**	**8.6**	**8.5**	**8.1**	**8.0**	**8.0**
Non-OECD	**3.7**	**3.8**	**3.9**	**3.9**	**3.8**	**4.0**	**4.0**	**4.1**	**4.2**	**4.1**
World	**4.7**	**4.7**	**4.8**	**4.8**	**4.6**	**4.8**	**4.8**	**4.8**	**4.8**	**4.8**

Note: CO_2 Emissions per capita is calculated with total CO_2 emissions.

Primary Energy Intensity to GDP

Primary Energy Intensity to GDP *(ktep/$15ppp)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
North America	**121**	**118**	**118**	**115**	**109**	**107**	**107**	**102**	**101**	**101**
Canada	181	182	180	178	176	167	165	162	160	161
Mexico	80	77	77	77	79	77	76	76	75	74
United States	116	113	113	110	104	102	102	97	96	96
South and Central America	**91**	**89**	**87**	**89**	**90**	**90**	**86**	**87**	**87**	**85**
Argentina	97	93	93	95	97	98	92	93	95	90
Brazil	105	106	102	103	105	105	100	101	101	101
Chile	94	94	92	97	93	90	90	88	83	85
Colombia	67	57	62	66	66	65	60	61	61	58
Peru	65	66	65	65	63	66	68	70	68	n.d.
Trinidad & Tobago	451	477	485	487	458	483	434	414	401	384
Venezuela	120	136	127	168	189	216	213	200	201	202
Europe	**78**	**77**	**74**	**72**	**71**	**70**	**64**	**61**	**60**	**59**
Belgium	106	104	98	99	96	99	86	80	81	78
Czech Republic	113	112	109	104	103	105	100	91	88	87
Finland	143	138	138	134	131	133	125	130	127	127
France	90	88	86	83	81	82	71	72	72	71
Germany	77	75	72	70	68	68	64	57	57	56
Italy	66	66	64	64	64	64	58	55	54	53
Netherlands	84	83	79	76	76	74	63	60	60	59
Norway	88	90	89	84	86	83	73	77	75	79
Poland	95	94	93	85	85	84	76	71	69	69
Portugal	70	71	66	64	64	61	57	54	53	52
Romania	72	70	66	63	64	64	57	54	53	52
Spain	71	72	70	67	68	67	63	59	58	57
Sweden	97	98	98	94	86	87	82	81	81	78
Turkey	66	66	63	63	62	60	56	54	55	55
United Kingdom	63	61	59	56	58	55	50	48	47	46
EU	81	80	78	75	74	74	67	64	63	61
Former Soviet Union	**194**	**194**	**199**	**185**	**187**	**198**	**198**	**185**	**180**	**176**
Azerbaijan	102	102	101	108	110	110	111	111	105	97
Kazakhstan	159	159	161	156	148	149	143	145	142	152
Russia	203	206	214	197	201	213	215	199	194	190
Ukraine	224	205	208	192	190	189	n.d.	n.d.	n.d.	n.d.
Uzbekistan	189	185	166	167	163	181	163	161	150	131
Middle East	**152**	**154**	**151**	**157**	**160**	**159**	**149**	**153**	**151**	**150**
Iran	200	210	204	231	231	230	219	219	214	222
Iraq	104	119	129	128	129	144	152	164	167	168
Kuwait	217	229	231	205	189	176	221	229	240	242
Qatar	168	195	193	191	198	202	196	199	187	186
Saudi Arabia	148	142	138	143	141	142	119	119	119	114
United Arab Emirates	136	121	121	120	131	124	124	135	135	134
Africa	**116**	**114**	**112**	**113**	**113**	**114**	**109**	**107**	**107**	**106**
Algeria	93	95	100	103	101	106	108	106	108	110
Angola	64	67	72	73	70	74	73	75	73	n.d.
Egypt	78	79	72	68	70	72	63	56	56	54
Libya	179	154	127	162	115	127	150	145	151	n.d.
Nigeria	68	66	63	69	70	76	70	67	69	70
South Africa	177	173	175	180	180	179	164	170	168	166
Asia-Pacific	**120**	**120**	**120**	**120**	**120**	**120**	**120**	**120**	**110**	**110**
Australia	113	111	107	109	109	104	100	102	99	97
China	149	145	143	141	142	140	142	145	142	138
India	115	114	111	107	109	106	108	105	101	95
Indonesia	68	63	71	75	73	71	83	80	81	81
Japan	84	83	81	80	77	79	76	72	72	70
Malaysia	102	99	103	103	102	104	106	103	102	100
New Zealand	112	109	105	106	100	97	90	89	89	89
South Korea	143	143	141	134	131	133	127	123	122	120
Taiwan	218	211	207	196	185	182	171	160	149	143
Thailand	116	112	111	109	110	107	101	100	100	94
OECD	**97**	**95**	**94**	**92**	**89**	**88**	**84**	**81**	**80**	**80**
Non-OECD	**130**	**128**	**127**	**125**	**127**	**126**	**125**	**125**	**122**	**119**
World	**118**	**116**	**115**	**113**	**112**	**111**	**110**	**108**	**107**	**105**



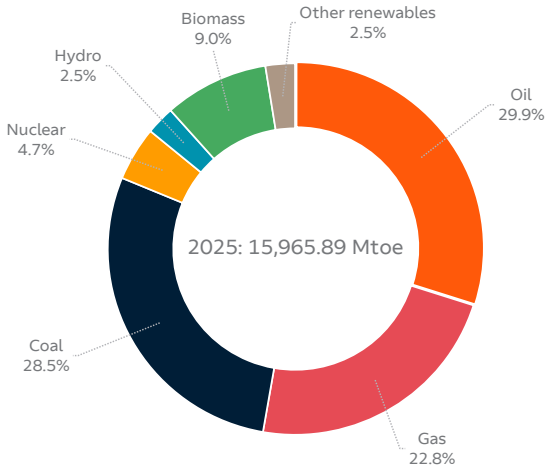
Regional and country data

World *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**13,675.6**	**13,997.4**	**14,352.2**	**14,551.4**	**14,015.4**	**14,831.1**	**15,114.2**	**15,439.0**	**15,738.3**	**15,965.9**	**100.0**
Oil	4,436.7	4,540.9	4,532.6	4,586.9	4,179.2	4,434.3	4,519.9	4,639.2	4,669.6	4,748.8	29.7
Gas	3,029.7	3,115.0	3,271.4	3,325.7	3,311.8	3,501.0	3,456.8	3,467.0	3,567.0	3,601.1	22.6
Coal	3,772.6	3,831.0	3,945.1	3,962.2	3,835.3	4,095.1	4,302.5	4,406.9	4,451.9	4,466.8	28.0
Nuclear	680.0	687.4	705.7	726.7	697.9	732.6	698.4	712.9	734.1	742.5	4.7
Hydro	346.5	350.7	361.5	367.8	374.7	369.4	373.8	367.5	386.4	387.3	2.4
Biomass	1,198.3	1,232.9	1,271.5	1,290.1	1,293.8	1,332.7	1,348.9	1,382.7	1,410.5	1,434.5	9.0
Other renewables	111.5	135.4	160.6	185.4	212.8	252.1	296.6	342.1	396.8	465.9	2.9
Electricity balance of trade*	100.4	104.0	103.8	106.6	109.8	114.0	117.3	120.5	121.9	119.0	0.7
Total final consumption, by source	**9,432.0**	**9,624.4**	**9,836.8**	**9,925.1**	**9,508.3**	**9,978.6**	**10,214.2**	**10,437.6**	**10,653.4**	**10,846.2**	**100.0**
Oil	3,887.9	3,983.1	4,002.6	4,036.8	3,645.8	3,868.9	3,990.2	4,077.7	4,132.7	4,178.5	38.5
Gas	1,473.3	1,523.5	1,611.9	1,645.1	1,611.5	1,717.5	1,689.8	1,686.1	1,732.4	1,752.2	16.2
Coal	1,043.1	1,006.3	991.1	968.4	971.0	940.5	991.9	1,031.5	1,040.6	1,067.9	9.8
Electricity	1,787.8	1,845.9	1,916.8	1,944.3	1,940.0	2,044.5	2,105.1	2,157.4	2,247.6	2,306.8	21.3
Heat	317.9	324.6	340.7	343.6	350.7	389.4	404.6	422.7	452.3	479.7	4.4
Biomass	921.7	940.8	973.5	986.7	988.8	1,017.6	1,032.0	1,061.5	1,083.6	1,095.9	10.1
Electricity generation, by source	**2,146.9**	**2,212.6**	**2,292.8**	**2,322.7**	**2,316.6**	**2,444.3**	**2,507.6**	**2,574.3**	**2,683.6**	**2,759.0**	**100.0**
Oil	75.8	69.5	63.1	61.4	56.7	60.0	65.1	61.7	61.4	60.6	2.2
Gas	503.6	513.3	531.2	549.1	551.6	566.8	567.9	580.5	594.7	602.0	21.8
Coal	817.8	846.6	875.7	851.7	820.7	881.9	899.9	914.8	925.7	919.4	33.3
Nuclear	224.4	226.8	232.9	239.8	230.3	241.8	230.5	235.3	242.3	245.0	8.9
Hydro	355.8	360.6	371.1	377.1	384.4	379.0	384.1	378.0	397.5	398.7	14.5
Biomass	46.7	47.8	49.3	49.7	51.1	53.1	52.9	51.8	53.3	55.3	2.0
Wind	81.7	96.2	109.6	122.7	137.6	160.7	182.4	200.5	216.7	234.4	8.5
Solar	27.4	36.7	48.7	59.8	72.5	89.3	112.2	139.3	179.6	231.1	8.4
Other renewables	13.6	15.0	11.3	11.4	11.7	11.9	12.6	12.5	12.3	12.5	0.5
Total final consumption, by sector	**9,432.0**	**9,624.4**	**9,836.8**	**9,925.1**	**9,508.3**	**9,978.6**	**10,214.2**	**10,437.6**	**10,653.4**	**10,846.2**	**100.0**
Industry	2,809.9	2,848.2	2,915.5	2,920.9	2,923.3	3,035.0	3,117.2	3,203.8	3,279.6	3,328.4	30.7
Transport	2,759.8	2,828.3	2,875.9	2,913.9	2,513.7	2,717.3	2,846.6	2,928.9	2,953.2	2,974.1	27.4
Residential/Comercial	2,697.8	2,740.3	2,823.5	2,842.4	2,814.3	2,924.1	2,938.1	2,933.6	3,017.9	3,100.3	28.6
Oil final consumption, by sector	**3,887.9**	**3,983.1**	**4,002.6**	**4,036.8**	**3,645.8**	**3,868.9**	**3,990.2**	**4,077.7**	**4,132.7**	**4,178.5**	**100.0**
Industry	259.6	258.9	251.3	254.4	240.3	244.2	251.1	256.2	258.0	256.8	6.1
Transport	2,541.0	2,600.3	2,632.6	2,657.9	2,268.8	2,450.8	2,573.1	2,636.7	2,680.9	2,704.1	64.7
Residential/Comercial	287.9	292.9	291.2	287.2	286.6	281.9	278.5	275.1	279.1	284.4	6.8
Natural gas final consumption, by sector	**1,473.3**	**1,523.5**	**1,611.9**	**1,645.1**	**1,611.5**	**1,717.5**	**1,689.8**	**1,686.1**	**1,732.4**	**1,752.2**	**100.0**
Industry	580.0	594.1	619.9	632.9	635.2	689.9	686.4	701.4	722.5	723.9	41.3
Transport	102.4	106.6	112.7	117.7	112.9	124.2	125.1	129.3	136.1	129.5	7.4
Residential/Comercial	614.4	630.8	680.0	690.3	673.0	706.8	692.2	664.6	678.3	703.8	40.2
Refined products consumption	**3,875.4**	**3,970.7**	**3,989.3**	**4,030.7**	**3,639.4**	**3,862.1**	**3,984.9**	**4,071.6**	**4,127.3**	**4,173.5**	**100.0**
Gasoline	1,077.2	1,089.5	1,100.6	1,110.0	982.1	1,061.1	1,095.0	1,114.2	1,131.4	1,144.4	27.4
Diesel	1,272.4	1,294.0	1,304.4	1,302.7	1,196.5	1,266.9	1,317.3	1,306.5	1,305.9	1,318.9	31.6
Heating Oil	234.7	236.7	228.8	231.7	216.3	228.5	233.6	227.7	231.3	215.6	5.2
Aviation Jet	311.2	329.0	342.0	349.6	197.0	225.2	269.9	323.7	343.6	355.8	8.5
LPG	285.3	292.8	305.4	311.1	306.2	315.3	323.7	338.0	351.0	354.8	8.5
Imports	**4,599.4**	**4,777.1**	**4,837.1**	**4,824.8**	**4,464.1**	**4,611.8**	**4,729.0**	**4,808.6**	**4,863.8**	**4,873.3**	**100.0**
Oil	3,717.4	3,842.2	3,866.9	3,828.9	3,496.4	3,589.9	3,706.0	3,823.8	3,859.3	3,850.8	79.0
Gas	882.0	935.0	970.2	995.9	967.7	1,022.0	1,022.9	984.8	1,004.5	1,022.4	21.0
Gasoline	237.8	238.2	246.9	254.7	227.6	252.2	256.5	260.2	259.8	249.7	5.1
Diesel	388.8	391.4	393.0	389.5	357.2	378.7	378.0	385.8	389.6	441.6	9.1
Heating Oil	232.2	223.1	217.1	204.1	193.0	206.7	216.1	226.7	230.4	220.2	4.5
Aviation Jet	87.8	94.0	95.3	101.0	62.3	59.8	77.4	88.4	97.0	103.1	2.1
LPG	122.0	127.9	133.4	140.4	140.2	147.7	155.6	161.7	171.2	174.4	3.6
Exports	**4,709.5**	**4,822.8**	**4,891.7**	**4,887.8**	**4,558.8**	**4,628.4**	**4,799.8**	**4,808.3**	**4,802.7**	**4,874.4**	**100.0**
Oil	3,798.3	3,854.7	3,926.1	3,845.8	3,548.2	3,577.3	3,742.5	3,767.4	3,749.7	3,794.9	77.9
Gas	911.2	968.1	965.5	1,042.0	1,010.6	1,051.1	1,057.3	1,040.9	1,053.0	1,079.6	22.1
Gasoline	239.1	244.3	253.8	246.5	225.5	244.4	249.7	246.9	244.8	238.7	4.9
Diesel	412.5	424.1	432.7	424.5	396.8	406.9	397.4	393.7	403.8	400.0	8.2
Heating Oil	290.3	278.4	274.2	236.9	215.4	233.6	240.5	237.3	238.0	236.7	4.9
Aviation Jet	94.0	99.2	104.4	104.1	70.7	69.5	80.1	78.6	82.9	90.7	1.9
LPG	112.8	117.6	124.4	127.1	129.1	133.9	151.8	151.3	160.3	164.3	3.4
CO_2 Emissions *(Million tons CO_2)*	**31,396.8**	**31,964.4**	**32,800.6**	**32,773.5**	**31,311.7**	**33,068.9**	**33,699.3**	**34,250.9**	**34,619.7**	**34,775.1**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**269.3**	**264.1**	**261.6**	**254.0**	**249.7**	**247.5**	**243.2**	**239.3**	**233.9**	**227.3**	**-**
Final energy intensity *(toe/million $15ppp)*	**73.0**	**71.6**	**70.7**	**69.2**	**67.8**	**66.8**	**66.1**	**65.2**	**64.3**	**63.2**	**-**
Total energy intensity *(toe/million $15ppp)*	**117.3**	**115.7**	**114.4**	**112.8**	**111.8**	**111.0**	**109.1**	**107.9**	**106.4**	**104.4**	**-**

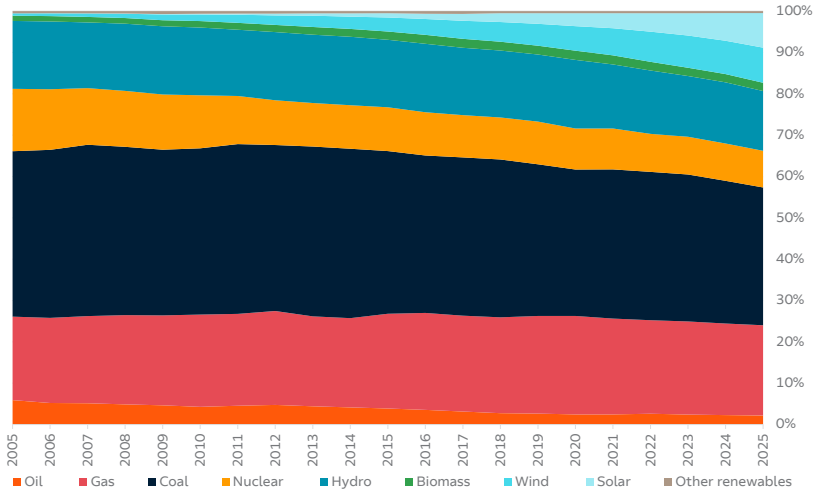
**Heat is included*

2.04%

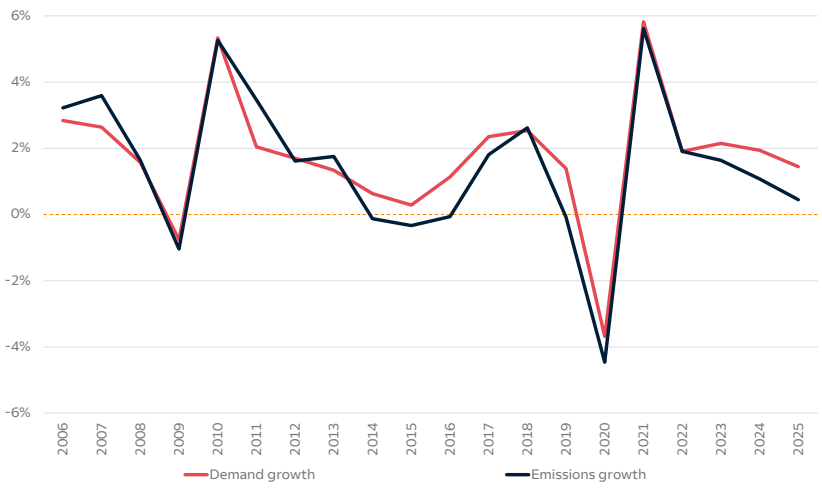
Primary energy demand mix



Electricity generation by source



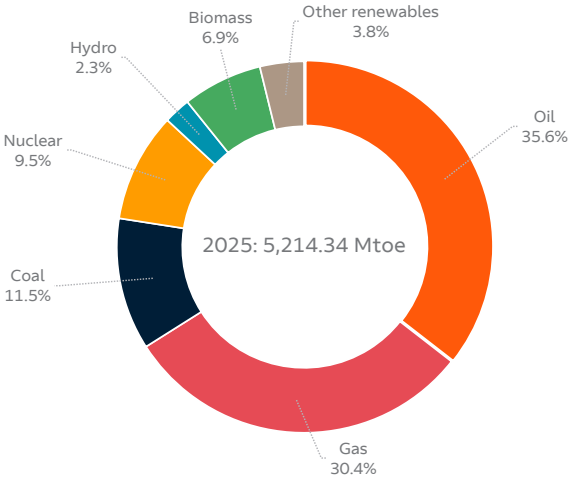
Primary energy demand and CO_2 emissions growth



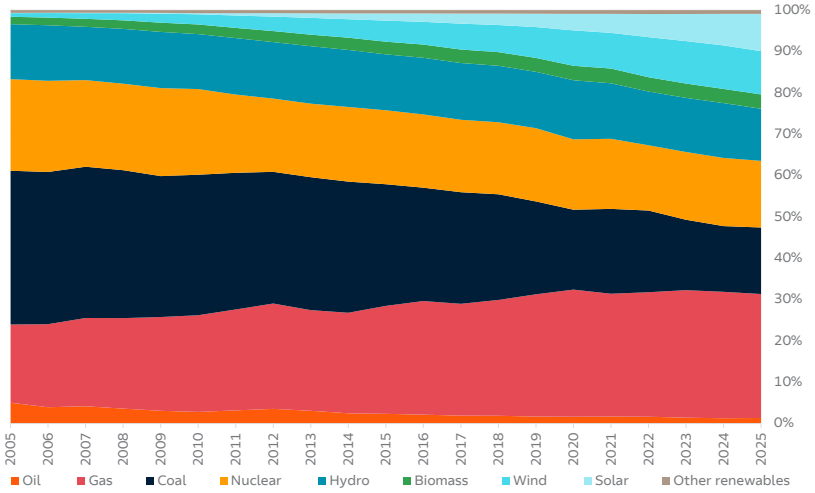
OECD *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**5,340.5**	**5,381.6**	**5,442.7**	**5,407.4**	**5,050.6**	**5,288.7**	**5,231.2**	**5,130.5**	**5,164.8**	**5,214.3**	**100.0**
Oil	1,908.4	1,924.6	1,921.8	1,910.7	1,727.3	1,835.6	1,827.6	1,815.4	1,822.4	1,834.4	35.2
Gas	1,440.3	1,453.6	1,513.1	1,564.3	1,533.5	1,563.7	1,559.2	1,528.2	1,552.6	1,569.0	30.1
Coal	913.4	906.7	878.4	787.0	669.6	727.7	703.5	614.7	581.9	592.7	11.4
Nuclear	512.3	509.6	515.8	517.4	485.0	498.9	465.7	477.2	490.9	489.7	9.4
Hydro	125.5	125.8	127.9	125.9	128.6	124.6	119.9	119.5	123.3	119.6	2.3
Biomass	319.8	329.0	340.5	344.4	333.5	353.7	350.6	356.0	359.8	356.3	6.8
Other renewables	73.9	85.6	93.0	105.0	120.2	129.9	149.9	163.0	178.8	195.8	3.8
Electricity balance of trade*	47.0	46.8	52.3	52.6	52.9	54.6	54.8	56.5	55.2	56.8	1.1
Total final consumption, by source	**3,700.2**	**3,741.5**	**3,802.9**	**3,775.1**	**3,526.2**	**3,687.6**	**3,687.4**	**3,617.3**	**3,649.8**	**3,676.2**	**100.0**
Oil	1,746.2	1,760.8	1,761.4	1,751.0	1,575.6	1,663.8	1,686.4	1,663.2	1,676.9	1,684.1	45.8
Gas	742.1	761.1	795.2	795.9	755.9	794.0	772.3	738.9	743.2	758.7	20.6
Coal	107.0	108.1	104.1	96.9	91.3	92.8	87.0	80.4	76.3	72.7	2.0
Electricity	825.3	826.9	843.5	831.6	816.7	837.4	844.0	827.3	844.8	856.8	23.3
Heat	70.5	71.3	72.7	72.0	70.4	72.4	68.9	68.7	69.4	70.3	1.9
Biomass	209.1	213.4	225.9	227.7	216.3	227.2	228.7	238.9	240.1	234.3	6.4
Electricity generation, by source	**954.9**	**959.1**	**976.0**	**962.7**	**940.6**	**969.9**	**972.8**	**960.1**	**982.0**	**1,002.2**	**100.0**
Oil	20.6	18.4	18.3	16.3	15.5	16.2	16.2	13.7	12.4	13.4	1.3
Gas	262.4	259.4	273.6	284.8	289.1	288.4	292.8	296.0	300.6	300.5	30.0
Coal	261.9	258.9	249.2	216.0	181.9	198.9	192.3	163.4	156.0	161.3	16.1
Nuclear	169.1	168.2	170.2	170.8	160.1	164.6	153.7	157.5	162.0	161.6	16.1
Hydro	131.0	131.6	133.4	131.2	134.3	130.2	126.2	125.8	130.0	126.4	12.6
Biomass	30.4	31.2	32.0	32.4	32.9	34.4	33.9	33.2	33.8	34.6	3.5
Wind	52.3	60.1	64.1	71.6	80.6	83.8	94.2	98.5	103.3	105.0	10.5
Solar	19.4	23.2	26.9	31.1	37.6	44.7	54.3	63.0	74.9	90.2	9.0
Other renewables	7.7	8.1	8.3	8.4	8.6	8.6	9.2	9.0	8.9	9.1	0.9
Total final consumption, by sector	**3,700.2**	**3,741.5**	**3,802.9**	**3,775.1**	**3,526.2**	**3,687.6**	**3,687.4**	**3,617.3**	**3,649.8**	**3,676.2**	**100.0**
Industry	827.6	838.2	856.4	834.8	814.8	838.1	829.6	803.9	806.6	802.0	21.8
Transport	1,246.7	1,257.3	1,275.5	1,276.3	1,105.0	1,198.8	1,240.2	1,240.1	1,247.3	1,243.6	33.8
Residential/Comercial	1,165.6	1,170.4	1,203.1	1,194.1	1,161.2	1,192.7	1,175.0	1,131.7	1,139.1	1,172.4	31.9
Oil final consumption, by sector	**1,746.2**	**1,760.8**	**1,761.4**	**1,751.0**	**1,575.6**	**1,663.8**	**1,686.4**	**1,663.2**	**1,676.9**	**1,684.1**	**100.0**
Industry	81.8	81.9	81.7	78.2	79.2	81.7	82.6	78.0	75.1	75.5	4.5
Transport	1,159.6	1,168.6	1,181.1	1,177.9	1,010.8	1,095.0	1,129.4	1,120.7	1,123.2	1,129.7	67.1
Residential/Comercial	116.3	113.9	110.8	107.7	108.7	103.0	100.6	93.6	92.1	91.1	5.4
Natural gas final consumption, by sector	**742.1**	**761.1**	**795.2**	**795.9**	**755.9**	**794.0**	**772.3**	**738.9**	**743.2**	**758.7**	**100.0**
Industry	273.7	278.0	284.2	282.4	277.8	287.1	278.6	274.0	277.3	276.5	36.4
Transport	26.7	27.1	30.9	33.4	33.5	37.3	39.9	40.1	42.2	36.6	4.8
Residential/Comercial	395.7	403.7	427.5	427.5	406.4	424.5	414.7	384.6	383.8	406.0	53.5
Refined products consumption	**1,740.8**	**1,754.0**	**1,753.8**	**1,749.4**	**1,573.9**	**1,662.3**	**1,684.9**	**1,660.4**	**1,674.9**	**1,682.6**	**100.0**
Gasoline	609.1	604.8	607.7	607.1	522.8	563.3	579.8	585.7	591.6	594.9	35.4
Diesel	613.3	623.2	627.3	619.7	569.7	596.7	603.1	574.5	568.7	573.6	34.1
Heating Oil	18.4	17.5	16.3	13.9	12.4	14.3	15.0	12.1	10.6	10.6	0.6
Aviation Jet	78.0	81.4	82.9	84.3	51.3	64.2	75.9	81.2	81.7	83.7	5.0
LPG	108.0	105.5	110.8	113.0	108.1	109.0	110.4	113.4	117.5	118.9	7.1
Imports	**2,719.5**	**2,767.3**	**2,751.9**	**2,710.8**	**2,414.1**	**2,516.5**	**2,593.4**	**2,527.4**	**2,519.0**	**2,505.7**	**100.0**
Oil	2,086.4	2,112.5	2,090.7	2,031.5	1,778.1	1,847.5	1,899.0	1,887.6	1,893.2	1,853.0	74.0
Gas	633.1	654.8	661.2	679.4	636.0	669.0	694.5	639.8	625.8	652.7	26.0
Gasoline	100.2	98.0	100.1	108.0	88.0	105.5	100.7	107.4	107.5	107.0	4.3
Diesel	201.3	200.1	198.5	198.0	187.5	191.7	196.6	201.1	202.4	189.8	7.6
Heating Oil	85.0	67.5	68.1	57.9	60.6	67.7	66.9	59.4	59.2	54.8	2.2
Aviation Jet	55.3	58.4	60.7	62.9	40.6	40.4	52.1	59.4	63.7	67.5	2.7
LPG	58.6	59.1	59.8	62.5	60.8	62.7	64.6	62.3	63.2	63.3	2.5
Exports	**1,462.4**	**1,559.5**	**1,634.3**	**1,701.2**	**1,657.1**	**1,725.3**	**1,826.5**	**1,878.5**	**1,891.8**	**1,909.8**	**100.0**
Oil	1,140.3	1,207.9	1,272.4	1,300.9	1,246.8	1,272.1	1,314.6	1,355.3	1,369.3	1,345.1	70.4
Gas	322.1	351.6	361.8	400.3	410.3	453.3	511.8	523.2	522.4	564.7	29.6
Gasoline	141.9	150.4	153.1	152.0	129.6	148.3	149.3	144.1	142.9	140.0	7.3
Diesel	212.4	226.1	210.8	214.7	201.8	201.6	205.3	202.9	214.8	210.6	11.0
Heating Oil	113.8	96.3	95.7	76.2	72.7	82.6	83.7	78.9	80.9	76.5	4.0
Aviation Jet	43.0	46.0	49.8	49.9	30.9	30.1	38.6	40.6	42.5	45.0	2.4
LPG	48.8	53.7	56.9	63.9	72.4	76.8	80.2	86.1	93.3	95.7	5.0
CO_2 Emissions *(Million tons CO_2)*	**11,671.9**	**11,665.1**	**11,725.2**	**11,350.9**	**10,339.8**	**10,889.2**	**10,871.6**	**10,378.8**	**10,299.1**	**10,410.2**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**211.2**	**205.4**	**201.6**	**191.7**	**181.8**	**180.1**	**174.1**	**163.3**	**159.2**	**158.1**	**-**
Final energy intensity *(toe/million $15ppp)*	**60.1**	**59.0**	**58.8**	**57.3**	**55.6**	**54.8**	**53.3**	**51.3**	**50.7**	**50.2**	**-**
Total energy intensity *(toe/million $15ppp)*	**96.6**	**94.8**	**93.6**	**91.3**	**88.8**	**87.5**	**83.8**	**80.7**	**79.8**	**79.2**	**-**

**Heat is included*

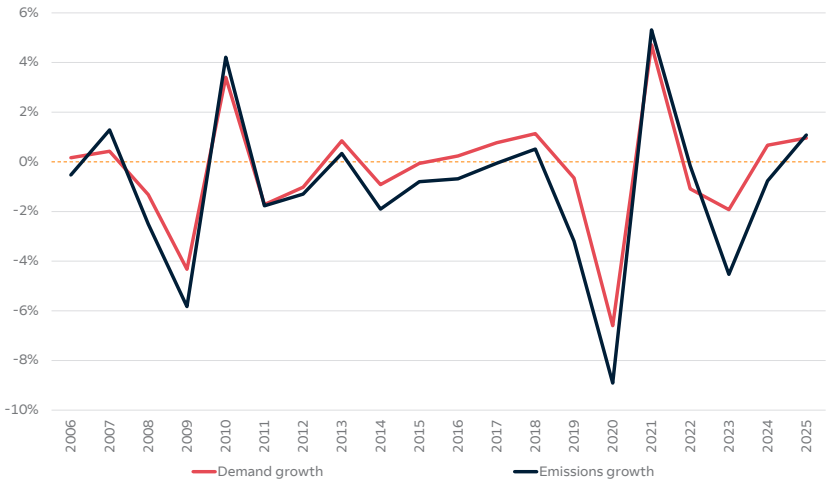
Primary energy demand mix



Electricity generation by source



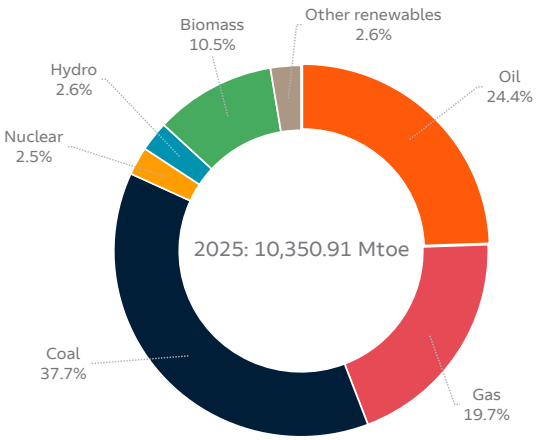
Primary energy demand and CO_2 emissions growth



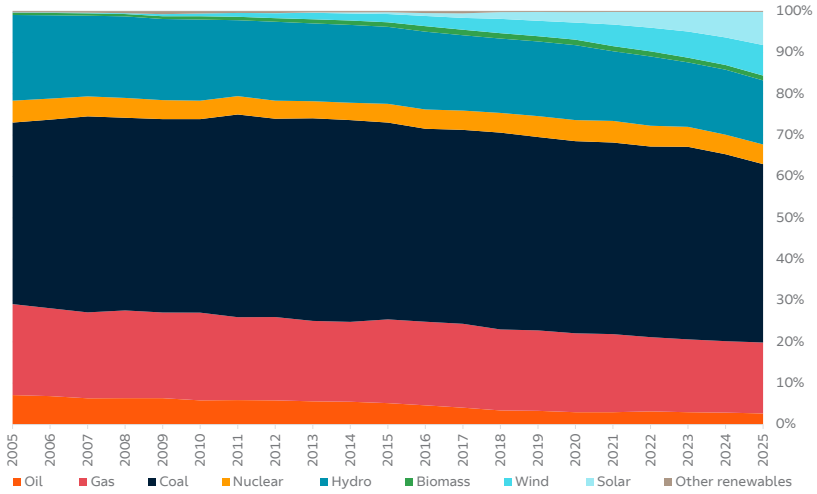
Non-OECD *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**7,936.2**	**8,203.4**	**8,494.8**	**8,725.7**	**8,674.0**	**9,236.1**	**9,531.1**	**9,924.5**	**10,174.1**	**10,350.9**	**100.0**
Oil	2,132.3	2,206.6	2,198.7	2,261.1	2,164.7	2,295.7	2,344.1	2,443.9	2,449.5	2,515.7	24.3
Gas	1,589.4	1,661.3	1,758.1	1,761.1	1,778.0	1,937.0	1,897.3	1,938.2	2,013.3	2,030.8	19.6
Coal	2,859.2	2,924.4	3,066.7	3,175.2	3,165.8	3,367.4	3,599.0	3,792.2	3,870.1	3,874.1	37.4
Nuclear	167.7	177.8	189.9	209.3	212.9	233.7	232.7	235.6	243.3	252.8	2.4
Hydro	220.3	224.2	232.9	241.2	245.4	244.0	253.1	247.4	263.1	267.7	2.6
Biomass	877.8	903.4	930.5	945.1	959.7	978.3	997.8	1,026.1	1,050.7	1,078.2	10.4
Other renewables	37.5	49.7	67.5	80.2	92.4	122.1	146.6	179.0	218.0	270.1	2.6
Electricity balance of trade*	52.1	56.0	50.6	52.4	55.1	58.0	60.7	62.1	66.1	61.6	0.6
Total final consumption, by source	**5,334.2**	**5,471.5**	**5,620.1**	**5,733.0**	**5,692.8**	**5,985.9**	**6,176.2**	**6,437.7**	**6,604.1**	**6,769.4**	**100.0**
Oil	1,745.8	1,812.6	1,829.2	1,870.7	1,783.0	1,902.1	1,955.5	2,034.8	2,058.1	2,095.7	31.0
Gas	731.2	762.3	816.5	849.1	855.3	923.1	917.1	946.6	988.1	992.2	14.7
Coal	936.2	898.2	886.9	871.4	879.7	847.7	904.9	951.1	964.4	995.2	14.7
Electricity	961.7	1,018.2	1,072.4	1,111.8	1,122.4	1,206.2	1,260.2	1,329.2	1,402.8	1,450.1	21.4
Heat	247.4	253.4	267.9	271.6	280.3	317.0	335.7	354.0	382.9	409.4	6.0
Biomass	712.0	726.8	747.0	758.5	772.0	789.8	802.8	822.1	843.5	861.6	12.7
Electricity generation, by source	**1,191.0**	**1,252.5**	**1,315.8**	**1,359.0**	**1,375.0**	**1,473.3**	**1,533.7**	**1,613.1**	**1,701.6**	**1,756.8**	**100.0**
Oil	55.2	51.1	44.8	45.1	41.2	43.8	49.0	48.0	49.0	47.1	2.7
Gas	241.2	254.0	257.7	264.2	262.4	278.4	275.0	284.4	294.1	301.5	17.2
Coal	555.9	587.7	626.5	635.7	638.8	683.0	707.6	751.4	769.7	758.2	43.2
Nuclear	55.3	58.7	62.7	69.1	70.3	77.1	76.8	77.8	80.3	83.4	4.7
Hydro	224.1	228.2	236.9	245.2	249.4	248.0	257.1	251.4	267.5	272.2	15.5
Biomass	16.2	16.6	17.3	17.2	18.2	18.6	19.0	18.6	19.5	20.7	1.2
Wind	29.3	36.0	45.3	51.0	56.9	76.7	88.1	101.9	113.5	129.4	7.4
Solar	8.0	13.5	21.8	28.7	34.9	44.6	57.9	76.3	104.7	140.8	8.0
Other renewables	5.7	6.8	2.9	2.9	3.0	3.1	3.3	3.4	3.4	3.4	0.2
Total final consumption, by sector	**5,334.2**	**5,471.5**	**5,620.1**	**5,733.0**	**5,692.8**	**5,985.9**	**6,176.2**	**6,437.7**	**6,604.1**	**6,769.4**	**100.0**
Industry	1,981.2	2,008.9	2,058.1	2,085.2	2,107.6	2,196.0	2,286.6	2,398.9	2,473.0	2,526.4	37.3
Transport	1,117.6	1,161.6	1,188.6	1,222.6	1,121.2	1,215.4	1,257.9	1,308.3	1,306.5	1,329.9	19.6
Residential/Comercial	1,531.4	1,569.1	1,619.6	1,647.4	1,652.2	1,730.5	1,762.2	1,800.9	1,878.8	1,927.9	28.5
Oil final consumption, by sector	**1,745.8**	**1,812.6**	**1,829.2**	**1,870.7**	**1,783.0**	**1,902.1**	**1,955.5**	**2,034.8**	**2,058.1**	**2,095.7**	**100.0**
Industry	177.4	176.6	169.3	175.9	160.8	162.1	168.2	177.9	182.9	181.3	8.6
Transport	986.1	1,022.7	1,040.1	1,065.5	971.4	1,053.4	1,096.1	1,136.7	1,160.1	1,175.7	56.1
Residential/Comercial	171.5	178.9	180.3	179.4	177.8	178.8	177.8	181.3	187.0	193.3	9.2
Natural gas final consumption, by sector	**731.2**	**762.3**	**816.5**	**849.1**	**855.3**	**923.1**	**917.1**	**946.6**	**988.1**	**992.2**	**100.0**
Industry	306.3	316.1	335.7	350.6	357.5	402.8	407.8	427.4	445.2	447.4	45.1
Transport	75.7	79.5	81.7	84.1	79.2	86.5	84.9	88.6	92.8	91.6	9.2
Residential/Comercial	218.7	227.1	252.5	262.8	266.7	282.3	277.5	280.0	294.5	297.9	30.0
Refined products consumption	**1,738.6**	**1,807.0**	**1,823.5**	**1,866.1**	**1,778.3**	**1,896.9**	**1,951.8**	**2,031.4**	**2,054.7**	**2,092.2**	**100.0**
Gasoline	467.1	483.6	491.9	501.9	458.4	496.8	514.2	527.4	539.8	549.5	26.3
Diesel	613.8	622.9	633.6	634.7	588.8	631.9	674.8	695.0	701.9	708.2	33.9
Heating Oil	55.4	55.1	49.9	57.0	53.5	57.9	61.8	57.5	56.0	50.5	2.4
Aviation Jet	45.3	52.0	54.9	61.0	48.6	54.3	43.7	59.6	64.5	65.4	3.1
LPG	177.1	187.1	194.4	197.9	197.9	206.1	213.0	224.3	233.6	235.9	11.3
Imports	**1,877.2**	**2,007.0**	**2,082.4**	**2,111.1**	**2,047.8**	**2,092.6**	**2,132.8**	**2,278.1**	**2,344.9**	**2,367.5**	**100.0**
Oil	1,628.4	1,726.8	1,773.5	1,794.5	1,716.1	1,739.6	1,804.3	1,933.2	1,966.1	1,997.8	84.4
Gas	248.9	280.2	308.9	316.6	331.7	353.0	328.5	344.9	378.7	369.7	15.6
Gasoline	136.6	139.1	145.9	145.6	138.9	145.6	154.8	151.8	152.3	142.8	6.0
Diesel	186.5	190.3	193.5	190.4	168.8	186.0	180.4	183.6	187.2	251.5	10.6
Heating Oil	147.0	155.6	148.9	146.0	132.3	138.9	149.1	167.1	171.2	165.3	7.0
Aviation Jet	32.3	35.4	34.4	37.8	21.6	19.3	25.1	28.7	33.3	35.6	1.5
LPG	63.3	68.6	73.4	77.8	79.2	84.7	90.8	99.1	108.0	111.1	4.7
Exports	**3,247.1**	**3,263.3**	**3,257.4**	**3,186.6**	**2,901.6**	**2,903.1**	**2,973.4**	**2,929.9**	**2,910.9**	**2,964.7**	**100.0**
Oil	2,658.0	2,646.8	2,653.7	2,544.9	2,301.3	2,305.2	2,427.9	2,412.2	2,380.3	2,449.8	82.6
Gas	589.1	616.5	603.7	641.6	600.3	597.8	545.5	517.7	530.6	514.9	17.4
Gasoline	97.1	93.9	100.7	94.6	95.9	96.1	100.5	102.8	101.9	98.7	3.3
Diesel	200.0	198.1	221.9	209.8	195.0	205.3	192.1	190.8	188.9	189.4	6.4
Heating Oil	176.6	182.1	178.5	160.6	142.7	151.0	156.8	158.4	157.1	160.1	5.4
Aviation Jet	51.0	53.2	54.6	54.2	39.7	39.4	41.5	38.0	40.5	45.6	1.5
LPG	64.0	63.9	67.5	63.2	56.7	57.1	71.7	65.2	67.0	68.6	2.3
CO_2 Emissions *(Million tons CO_2)*	**19,717.5**	**20,291.9**	**21,067.8**	**21,415.2**	**20,971.9**	**22,179.6**	**22,827.8**	**23,872.1**	**24,320.6**	**24,364.8**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**322.1**	**316.4**	**313.8**	**307.2**	**306.6**	**303.5**	**300.2**	**300.3**	**292.4**	**280.0**	**-**
Final energy intensity *(toe/million $15ppp)*	**78.2**	**76.5**	**75.0**	**73.5**	**73.8**	**72.7**	**72.1**	**71.6**	**70.2**	**68.5**	**-**
Total energy intensity *(toe/million $15ppp)*	**129.6**	**127.9**	**126.5**	**125.2**	**126.8**	**126.4**	**125.3**	**124.9**	**122.3**	**118.9**	**-**

**Heat is included*

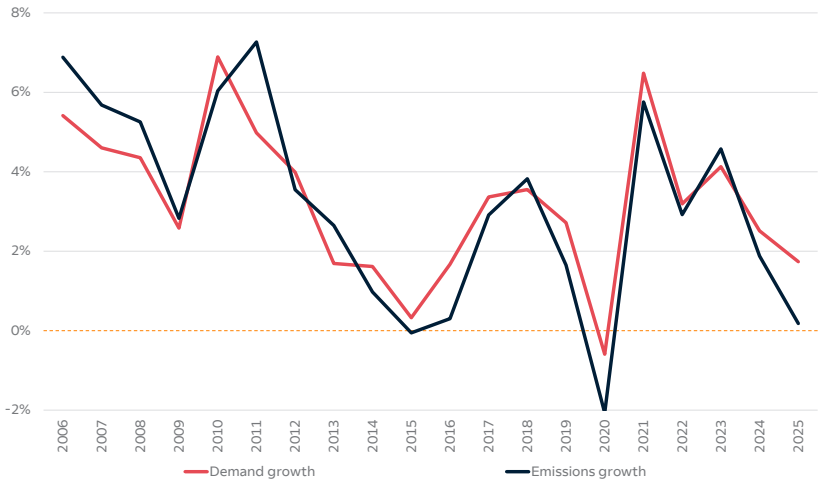
Primary energy demand mix



Electricity generation by source



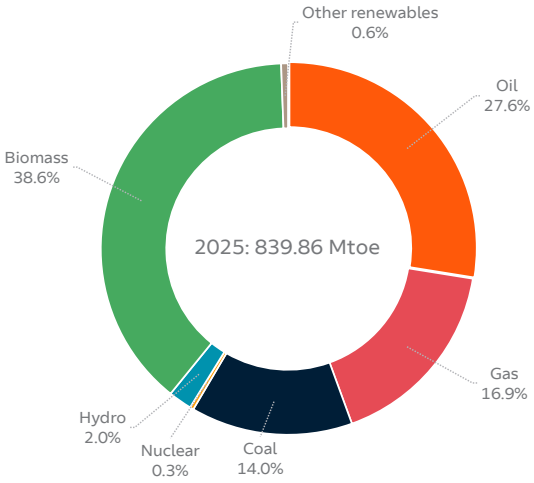
Primary energy demand and CO_2 emissions growth



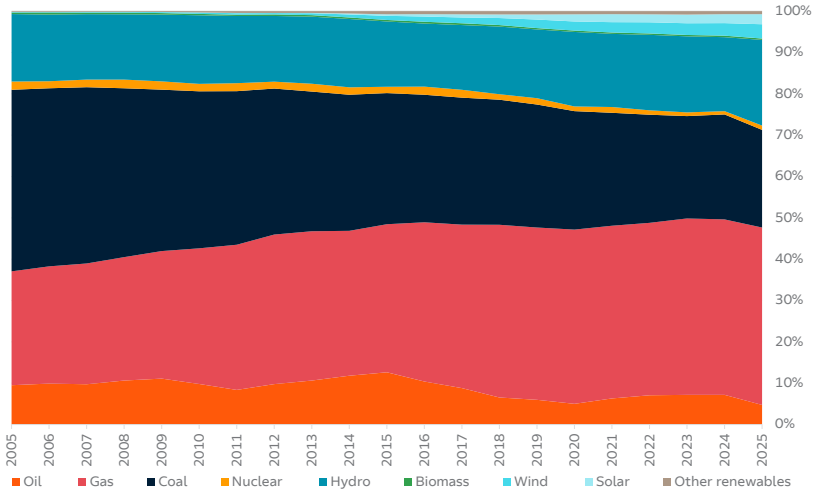
Africa *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**707.7**	**724.5**	**734.3**	**762.4**	**742.2**	**784.9**	**775.4**	**792.2**	**813.5**	**839.9**	**100.0**
Oil	183.1	183.1	177.9	187.0	177.5	202.7	196.7	207.4	218.5	230.4	27.4
Gas	122.3	131.8	132.9	139.6	129.9	142.2	136.8	133.1	135.1	141.4	16.8
Coal	113.0	111.5	119.1	124.9	116.0	116.0	110.8	115.0	118.5	116.9	13.9
Nuclear	4.1	4.1	3.0	3.5	2.6	3.2	2.6	2.1	2.0	2.7	0.3
Hydro	10.3	10.8	11.6	11.9	12.7	13.1	13.9	14.1	14.2	17.0	2.0
Biomass	269.0	276.7	282.5	287.8	295.4	299.2	305.4	310.3	315.5	322.9	38.4
Other renewables	1.4	1.7	2.2	2.9	3.4	4.0	4.1	4.4	4.2	5.0	0.6
Electricity balance of trade*	4.3	4.8	5.1	4.6	4.6	4.6	5.2	5.8	5.5	3.6	0.4
Total final consumption, by source	**488.3**	**494.7**	**515.0**	**520.0**	**507.5**	**536.1**	**553.3**	**564.2**	**573.6**	**590.8**	**100.0**
Oil	160.0	163.5	166.9	169.6	157.7	173.9	179.5	183.8	186.5	197.0	33.3
Gas	43.6	42.8	50.4	45.0	43.3	47.5	51.0	49.4	50.6	52.6	8.9
Coal	17.2	14.9	19.1	22.0	18.6	22.2	25.8	31.0	31.1	31.7	5.4
Electricity	57.1	57.4	60.2	60.0	59.2	60.6	63.0	63.1	65.2	66.3	11.2
Heat	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.0
Biomass	210.3	215.9	218.2	223.1	228.5	231.7	233.7	236.7	240.6	243.5	41.2
Electricity generation, by source	**69.6**	**71.3**	**73.5**	**74.5**	**73.2**	**76.6**	**78.1**	**78.4**	**81.6**	**84.1**	**100.0**
Oil	7.2	6.3	4.8	4.4	3.7	4.8	5.5	5.6	5.9	4.0	4.7
Gas	26.8	28.2	30.7	31.0	30.9	32.0	32.6	33.5	34.6	36.1	42.9
Coal	21.5	21.9	22.2	22.2	21.0	20.9	20.4	19.4	20.7	19.8	23.6
Nuclear	1.4	1.4	1.0	1.1	0.9	1.1	0.8	0.7	0.7	0.9	1.0
Hydro	10.6	11.2	12.0	12.4	13.2	13.5	14.2	14.4	14.6	17.4	20.7
Biomass	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
Wind	0.9	1.0	1.2	1.5	1.6	1.9	2.1	2.2	2.5	2.9	3.4
Solar	0.4	0.5	0.6	0.9	1.3	1.5	1.5	1.7	1.8	2.1	2.4
Other renewables	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
Total final consumption, by sector	**488.3**	**494.7**	**515.0**	**520.0**	**507.5**	**536.1**	**553.3**	**564.2**	**573.6**	**590.8**	**100.0**
Industry	89.2	85.6	93.9	94.0	88.8	96.1	104.2	107.3	110.3	112.6	19.1
Transport	117.3	117.5	120.2	121.4	111.9	124.4	127.7	130.6	131.6	137.8	23.3
Residential/Comercial	251.2	256.5	261.3	266.3	270.7	276.2	280.3	283.3	289.6	300.1	50.8
Oil final consumption, by sector	**160.0**	**163.5**	**166.9**	**169.6**	**157.7**	**173.9**	**179.5**	**183.8**	**186.5**	**197.0**	**100.0**
Industry	16.1	15.6	16.0	15.3	14.8	17.3	18.3	16.9	17.6	18.4	9.3
Transport	115.6	115.7	118.5	119.8	110.3	122.4	125.4	128.3	130.0	136.2	69.1
Residential/Comercial	16.8	16.6	16.7	17.6	17.3	17.0	17.0	19.2	20.5	24.3	12.3
Natural gas final consumption, by sector	**43.6**	**42.8**	**50.4**	**45.0**	**43.3**	**47.5**	**51.0**	**49.4**	**50.6**	**52.6**	**100.0**
Industry	22.6	20.5	23.3	19.6	18.7	20.9	24.8	23.1	24.0	24.7	47.0
Transport	1.2	1.3	1.2	1.0	1.1	1.5	1.8	1.8	1.7	1.7	3.3
Residential/Comercial	10.1	10.9	12.4	13.2	13.0	13.3	14.0	13.8	14.0	14.9	28.3
Refined products consumption	**160.0**	**162.0**	**165.3**	**167.9**	**156.2**	**172.3**	**177.9**	**182.2**	**185.0**	**195.5**	**100.0**
Gasoline	54.9	54.4	56.0	56.7	53.7	58.5	59.4	59.4	59.3	62.5	32.0
Diesel	73.6	73.5	75.1	76.8	70.1	77.7	79.3	81.3	83.1	86.2	44.1
Heating Oil	5.7	5.4	5.3	4.7	3.9	5.4	6.4	4.9	5.7	6.3	3.2
Aviation Jet	2.1	2.1	2.1	1.8	1.2	1.6	2.0	2.0	2.1	2.2	1.1
LPG	13.4	13.6	14.1	14.7	15.2	15.3	15.4	17.9	18.8	20.8	10.6
Imports	**167.9**	**165.3**	**161.0**	**164.0**	**158.1**	**168.9**	**169.0**	**176.4**	**180.4**	**194.8**	**100.0**
Oil	153.3	151.6	147.9	155.6	148.3	157.7	158.0	163.0	164.0	172.0	88.3
Gas	14.6	13.7	13.1	8.4	9.7	11.2	11.1	13.4	16.5	22.8	11.7
Gasoline	37.3	36.9	32.0	39.9	40.1	43.9	46.3	45.4	43.8	38.1	19.5
Diesel	50.6	51.7	51.5	52.1	47.7	53.2	54.7	57.7	59.1	61.9	31.8
Heating Oil	7.6	7.1	5.7	5.9	5.5	5.8	7.8	6.9	9.3	9.1	4.7
Aviation Jet	5.3	6.0	6.4	6.3	4.1	5.1	6.9	7.3	7.3	6.5	3.4
LPG	7.7	8.2	8.6	8.9	9.4	9.2	9.2	10.4	11.2	11.8	6.0
Exports	**411.2**	**441.9**	**445.7**	**450.1**	**367.1**	**391.9**	**366.5**	**376.5**	**359.2**	**359.9**	**100.0**
Oil	333.0	356.0	363.1	370.3	293.4	304.9	284.6	293.5	281.6	285.8	79.4
Gas	78.2	85.8	82.6	79.8	73.6	87.0	81.9	83.0	77.6	74.1	20.6
Gasoline	2.6	2.5	2.1	1.7	1.5	1.3	1.4	2.1	2.5	4.2	1.2
Diesel	3.4	3.3	3.4	3.2	1.9	1.5	1.9	1.7	3.4	4.6	1.3
Heating Oil	9.3	9.5	11.9	11.9	13.7	10.8	8.5	8.2	8.1	8.4	2.3
Aviation Jet	3.2	3.3	3.7	3.4	3.1	2.1	2.4	2.0	2.2	4.4	1.2
LPG	9.4	10.6	10.5	9.9	9.2	9.0	8.8	9.6	9.3	9.3	2.6
CO_2 Emissions *(Million tons CO_2)*	**1,229.5**	**1,233.1**	**1,252.0**	**1,296.0**	**1,221.1**	**1,288.8**	**1,265.0**	**1,270.9**	**1,303.3**	**1,346.8**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**200.0**	**193.7**	**190.2**	**191.8**	**185.9**	**188.2**	**177.4**	**173.0**	**171.8**	**169.9**	**-**
Final energy intensity *(toe/million $15ppp)*	**76.9**	**74.5**	**74.7**	**73.7**	**74.2**	**74.9**	**74.4**	**73.5**	**72.5**	**71.6**	**-**
Total energy intensity *(toe/million $15ppp)*	**115.1**	**113.8**	**111.6**	**112.8**	**113.0**	**114.6**	**108.8**	**107.8**	**107.2**	**105.9**	**-**

**Heat is included*

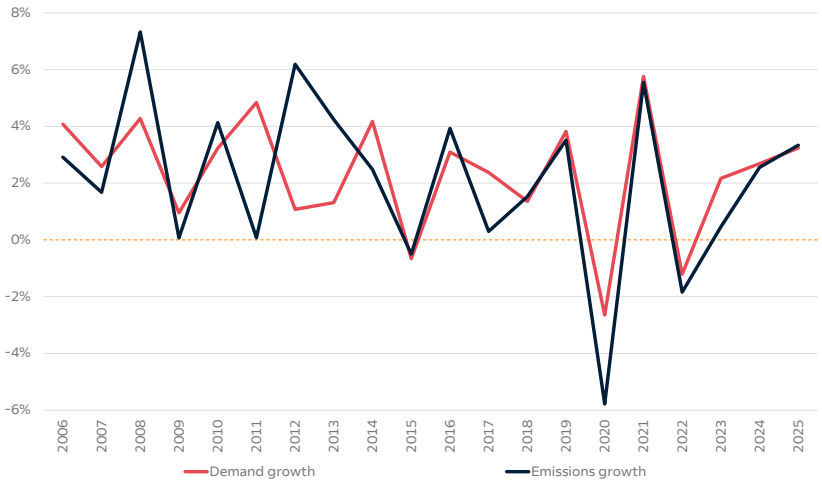
Primary energy demand mix



Electricity generation by source



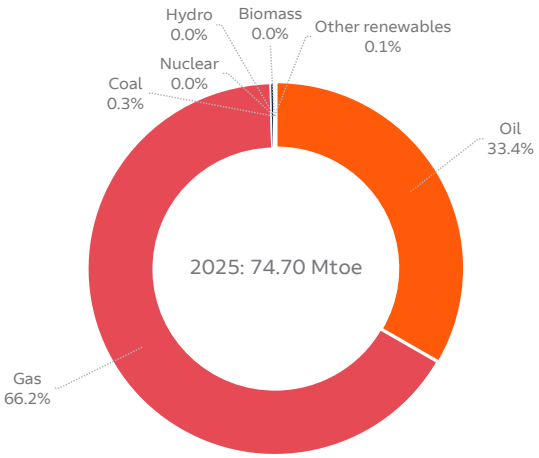
Primary energy demand and CO_2 emissions growth



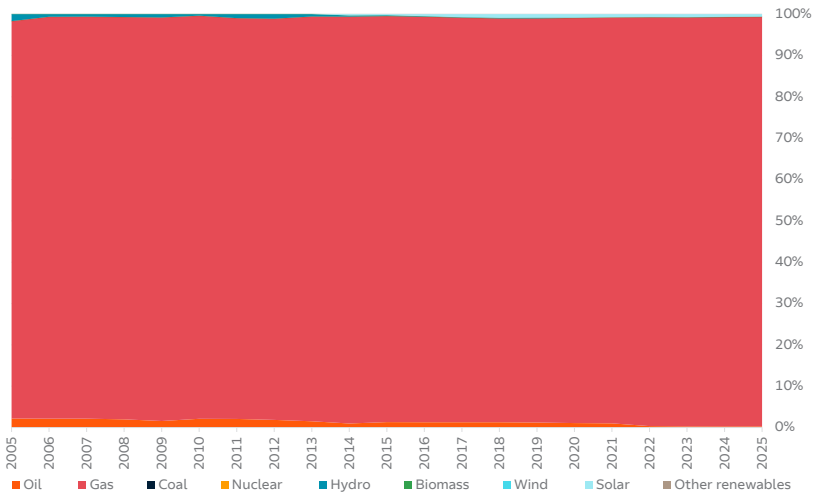
Algeria *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**53.5**	**55.5**	**58.9**	**61.3**	**57.2**	**62.6**	**65.7**	**67.4**	**70.4**	**74.7**	**100.0**
Oil	19.1	19.3	19.5	20.6	19.0	20.3	21.3	22.1	24.0	25.0	33.5
Gas	34.4	36.0	38.8	40.2	38.0	42.1	44.3	45.2	46.4	49.6	66.5
Coal	0.0	0.2	0.4	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.3
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other renewables	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electricity balance of trade*	-0.0	-0.0	-0.0	-0.0	-0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.3
Total final consumption, by source	**37.3**	**37.8**	**41.8**	**42.9**	**39.4**	**42.4**	**44.8**	**45.4**	**47.0**	**49.5**	**100.0**
Oil	17.6	17.3	17.7	18.2	15.9	16.9	17.5	18.2	19.2	19.8	40.0
Gas	15.3	15.5	18.9	19.2	18.4	20.0	21.4	20.9	21.2	22.7	45.9
Coal	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	4.5	4.8	5.0	5.3	5.1	5.5	5.8	6.1	6.5	6.9	14.0
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity generation, by source	**6.1**	**6.5**	**6.6**	**7.0**	**6.8**	**7.3**	**7.8**	**8.2**	**8.7**	**9.3**	**100.0**
Oil	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.3
Gas	6.0	6.4	6.4	6.9	6.7	7.2	7.8	8.1	8.6	9.2	99.1
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6
Other renewables	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	0.0	0.0	0.0
Total final consumption, by sector	**37.3**	**37.8**	**41.8**	**42.9**	**39.4**	**42.4**	**44.8**	**45.4**	**47.0**	**49.5**	**100.0**
Industry	5.9	6.4	6.8	7.3	7.3	8.2	8.4	9.0	9.6	10.2	20.6
Transport	15.0	14.9	15.1	15.1	13.5	14.5	15.1	15.6	16.2	16.8	33.9
Residential/Comercial	11.6	12.4	14.4	15.4	14.2	14.6	15.9	15.3	15.7	16.7	33.8
Oil final consumption, by sector	**17.6**	**17.3**	**17.7**	**18.2**	**15.9**	**16.9**	**17.5**	**18.2**	**19.2**	**19.8**	**100.0**
Industry	0.8	0.7	0.6	0.5	0.6	0.6	0.6	0.6	0.7	0.8	3.8
Transport	14.3	14.0	14.4	14.5	12.8	13.6	14.2	14.9	15.7	16.2	81.8
Residential/Comercial	1.9	2.0	2.2	2.7	1.8	1.8	1.8	1.8	1.9	1.9	9.7
Natural gas final consumption, by sector	**15.3**	**15.5**	**18.9**	**19.2**	**18.4**	**20.0**	**21.4**	**20.9**	**21.2**	**22.7**	**100.0**
Industry	3.5	3.9	4.3	4.8	4.9	5.6	5.8	6.2	6.5	7.0	30.8
Transport	0.7	0.8	0.7	0.6	0.5	0.7	0.7	0.5	0.4	0.4	1.7
Residential/Comercial	7.1	7.6	9.2	9.5	9.4	9.5	10.6	9.9	10.1	10.8	47.6
Refined products consumption	**17.6**	**17.3**	**17.7**	**18.2**	**15.9**	**16.9**	**17.5**	**18.2**	**19.2**	**19.8**	**100.0**
Gasoline	4.5	4.4	4.1	4.1	3.5	3.6	3.5	3.5	3.7	3.9	19.7
Diesel	10.1	10.0	10.3	10.6	9.0	9.4	9.9	10.2	10.9	11.3	57.3
Heating Oil	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.3
Aviation Jet	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5
LPG	2.1	2.2	2.4	2.6	2.7	2.9	3.2	3.4	3.5	3.6	18.0
Imports	**3.9**	**3.8**	**1.0**	**2.1**	**1.1**	**0.8**	**0.6**	**0.7**	**0.8**	**2.4**	**100.0**
Oil	3.9	3.8	1.0	2.1	1.1	0.8	0.6	0.7	0.8	2.4	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	1.7	1.6	0.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Diesel	1.5	1.4	0.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Heating Oil	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**100.9**	**98.6**	**91.8**	**84.1**	**74.7**	**87.3**	**85.0**	**88.2**	**85.0**	**83.7**	**100.0**
Oil	55.6	53.3	48.7	48.2	41.6	41.2	43.2	43.6	43.1	44.3	52.9
Gas	45.3	45.3	43.1	35.9	33.1	46.1	41.8	44.5	41.9	39.4	47.1
Gasoline	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.2	0.2	0.2
Diesel	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Heating Oil	6.7	6.1	5.6	5.5	5.6	5.2	5.3	5.1	5.1	5.4	6.4
Aviation Jet	1.2	1.2	1.0	0.7	0.7	0.5	0.3	0.1	0.0	0.0	0.1
LPG	8.0	7.6	7.3	6.9	6.1	6.5	6.7	7.1	6.8	6.9	8.2
CO_2 Emissions *(Million tons CO_2)*	**126.0**	**128.4**	**134.9**	**139.7**	**130.6**	**140.4**	**149.6**	**152.9**	**160.2**	**169.7**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**219.4**	**220.4**	**228.4**	**234.3**	**230.6**	**238.8**	**245.6**	**241.1**	**244.5**	**249.5**	**-**
Final energy intensity *(toe/million $15ppp)*	**58.2**	**59.4**	**63.1**	**65.2**	**63.4**	**65.0**	**66.8**	**65.0**	**65.5**	**66.6**	**-**
Total energy intensity *(toe/million $15ppp)*	**93.1**	**95.3**	**99.6**	**102.7**	**101.0**	**106.5**	**107.8**	**106.2**	**107.5**	**109.9**	**-**

**Heat is included*

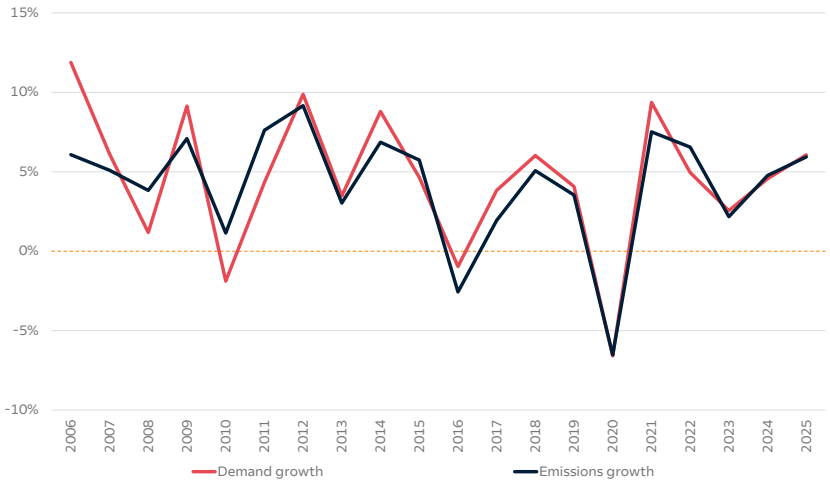
Primary energy demand mix



Electricity generation by source



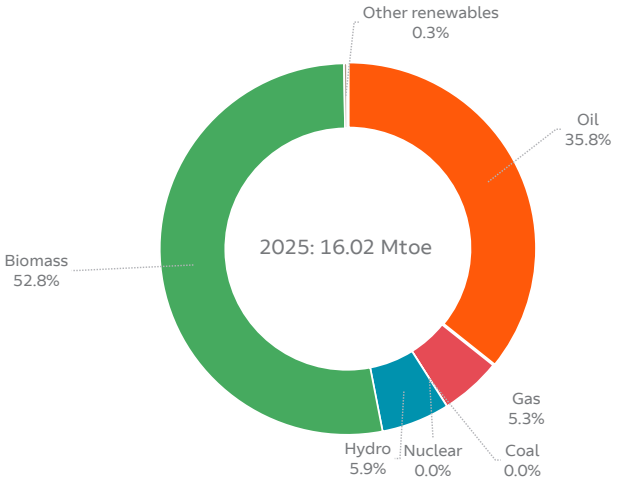
Primary energy demand and CO_2 emissions growth



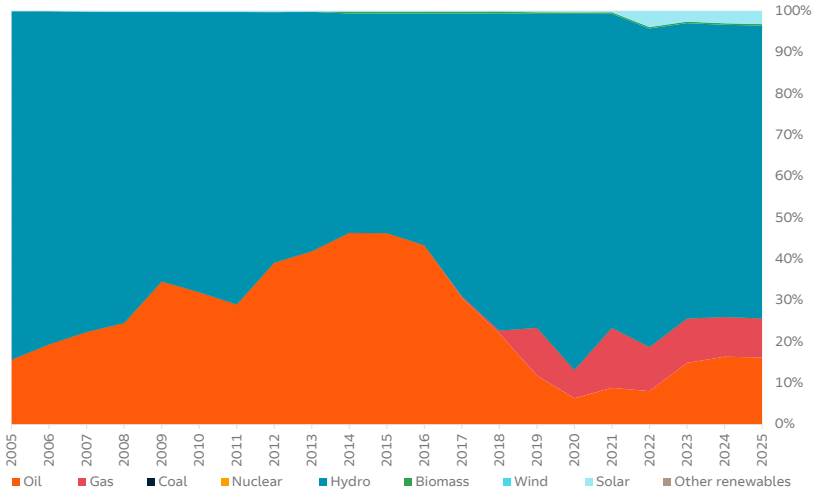
Angola *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**13.5**	**13.8**	**14.6**	**14.8**	**13.8**	**14.6**	**15.4**	**15.6**	**15.7**	**16.0**	**100.0**
Oil	4.9	4.8	5.3	4.9	3.7	4.5	5.3	5.4	5.5	5.7	35.8
Gas	0.7	0.7	0.7	1.1	1.1	1.1	0.8	1.0	0.9	0.8	5.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.5	0.7	0.9	0.9	1.1	1.0	1.1	1.0	0.9	0.9	5.9
Biomass	7.5	7.6	7.8	7.9	7.9	8.0	8.2	8.3	8.4	8.5	52.8
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3
Electricity balance of trade*	-0.0	-0.0	-0.0	0.0	0.0	0.0	0.0	0.0	-0.0	0.0	0.0
Total final consumption, by source	**10.4**	**10.3**	**10.7**	**10.9**	**10.3**	**11.0**	**11.7**	**11.8**	**11.9**	**12.0**	**100.0**
Oil	3.7	3.8	3.9	4.0	3.2	3.9	4.5	4.5	4.6	4.5	37.8
Gas	0.6	0.3	0.3	0.4	0.4	0.4	0.2	0.4	0.3	0.3	2.7
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	0.8	0.8	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.1	9.6
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.9	6.0	49.9
Electricity generation, by source	**0.9**	**1.0**	**1.2**	**1.2**	**1.2**	**1.3**	**1.4**	**1.4**	**1.3**	**1.3**	**100.0**
Oil	0.4	0.3	0.3	0.1	0.1	0.1	0.1	0.2	0.2	0.2	16.2
Gas	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	9.5
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.5	0.7	0.9	0.9	1.1	1.0	1.1	1.0	0.9	0.9	70.9
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	3.1
Other renewables	-0.0	0.0	0.0	0.0	0.0	0.0	-0.0	0.0	-0.0	0.0	0.0
Total final consumption, by sector	**10.4**	**10.3**	**10.7**	**10.9**	**10.3**	**11.0**	**11.7**	**11.8**	**11.9**	**12.0**	**100.0**
Industry	1.6	1.2	1.2	1.3	1.5	1.4	1.4	1.3	1.3	1.3	10.5
Transport	1.9	2.3	2.6	2.5	1.6	2.5	2.8	2.9	2.9	3.0	25.5
Residential/Comercial	6.8	6.7	6.8	7.0	7.1	7.0	7.3	7.4	7.5	7.6	63.4
Oil final consumption, by sector	**3.7**	**3.8**	**3.9**	**4.0**	**3.2**	**3.9**	**4.5**	**4.5**	**4.6**	**4.5**	**100.0**
Industry	0.3	0.2	0.2	0.2	0.4	0.4	0.4	0.2	0.2	0.2	3.3
Transport	1.9	2.3	2.6	2.5	1.6	2.5	2.8	2.9	2.9	3.0	67.3
Residential/Comercial	1.4	1.1	1.1	1.1	1.2	1.0	1.1	1.2	1.3	1.3	27.8
Natural gas final consumption, by sector	**0.6**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.2**	**0.4**	**0.3**	**0.3**	**100.0**
Industry	0.6	0.3	0.3	0.4	0.4	0.4	0.2	0.4	0.3	0.3	100.0
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	1.4	1.1	1.1	1.1	1.2	1.0	1.1	1.2	1.3	1.3	388.1
Refined products consumption	**3.7**	**3.8**	**3.9**	**4.0**	**3.2**	**3.9**	**4.5**	**4.5**	**4.6**	**4.5**	**100.0**
Gasoline	1.1	1.0	1.3	1.2	0.8	1.1	1.3	1.4	1.4	1.5	33.3
Diesel	2.0	2.1	2.0	2.2	1.5	1.9	2.2	2.3	2.2	2.2	49.6
Heating Oil	0.2	0.1	0.1	0.1	0.3	0.3	0.3	0.1	0.1	0.1	1.1
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
LPG	0.3	0.4	0.4	0.3	0.5	0.5	0.5	0.5	0.7	0.6	14.1
Imports	**3.6**	**3.6**	**4.6**	**4.0**	**2.0**	**3.0**	**3.2**	**3.8**	**3.5**	**3.8**	**100.0**
Oil	3.6	3.6	4.6	4.0	2.0	3.0	3.2	3.8	3.5	3.8	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	1.1	1.0	1.9	1.1	0.8	1.2	1.1	1.2	1.1	1.2	31.8
Diesel	2.4	2.1	2.2	2.1	1.2	1.7	2.0	2.4	2.2	2.4	62.7
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	1.7
LPG	0.1	0.4	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**84.8**	**85.4**	**78.3**	**73.0**	**69.3**	**60.3**	**61.3**	**60.0**	**58.4**	**55.8**	**100.0**
Oil	84.1	81.4	73.9	68.5	64.2	56.4	57.7	56.2	54.4	50.5	90.6
Gas	0.7	4.1	4.4	4.5	5.1	3.9	3.6	3.8	4.0	5.2	9.4
Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Heating Oil	0.5	0.6	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.6
Aviation Jet	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.4	2.1	2.3	2.1	2.2	1.8	1.4	1.4	1.3	1.4	2.5
CO_2 Emissions *(Million tons CO_2)*	**15.7**	**14.8**	**15.3**	**15.8**	**12.9**	**15.2**	**16.5**	**17.8**	**17.5**	**18.2**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**69.5**	**65.3**	**67.9**	**70.7**	**61.2**	**71.4**	**74.5**	**79.4**	**74.4**	**75.0**	**-**
Final energy intensity *(toe/million $15ppp)*	**45.3**	**45.1**	**47.1**	**48.3**	**48.4**	**51.2**	**52.3**	**52.0**	**49.9**	**49.2**	**-**
Total energy intensity *(toe/million $15ppp)*	**59.7**	**60.9**	**64.9**	**66.3**	**65.4**	**68.6**	**69.8**	**69.6**	**66.8**	**66.1**	**-**

**Heat is included*

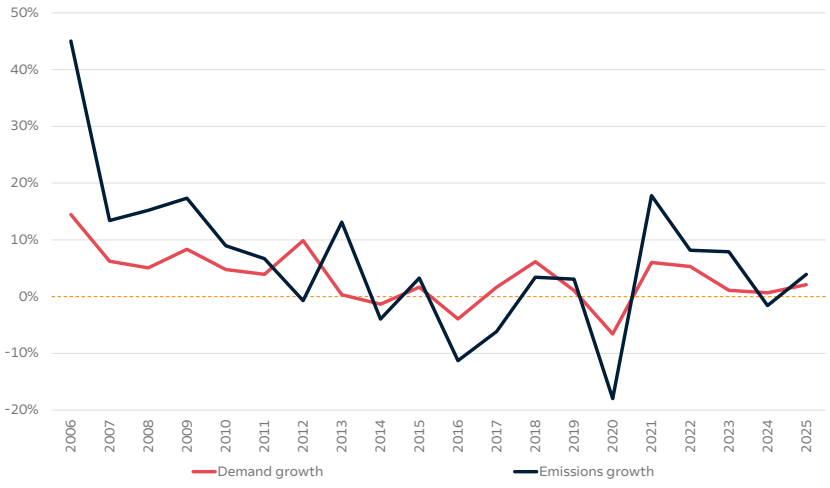
Primary energy demand mix



Electricity generation by source



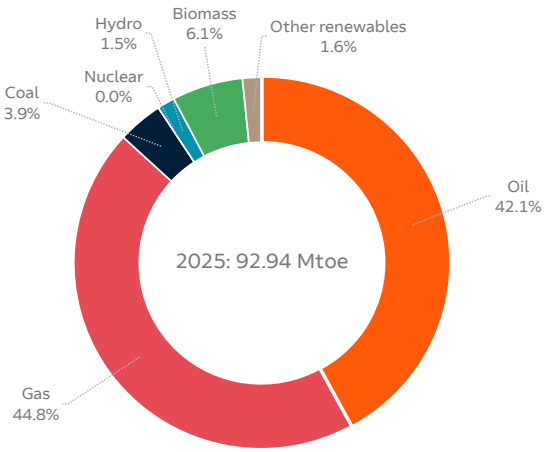
Primary energy demand and CO_2 emissions growth



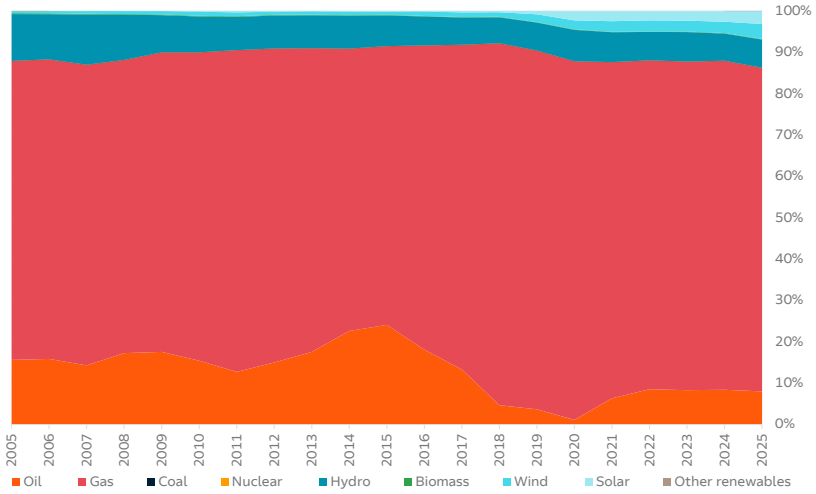
Egypt *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**88.8**	**93.1**	**89.2**	**89.7**	**95.0**	**100.7**	**94.2**	**89.3**	**91.9**	**92.9**	**100.0**
Oil	41.1	38.1	34.8	28.0	35.5	37.7	39.5	38.5	39.3	39.1	42.1
Gas	41.4	47.4	44.9	52.7	51.0	53.7	45.5	40.9	41.3	41.6	44.8
Coal	0.5	1.8	3.7	2.9	1.5	2.5	2.2	2.6	3.7	3.6	3.9
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.2	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.4	1.5
Biomass	4.5	4.5	4.6	4.6	5.0	4.7	5.0	5.1	5.3	5.7	6.1
Other renewables	0.2	0.2	0.2	0.4	0.8	1.0	1.0	1.0	1.1	1.5	1.6
Electricity balance of trade*	-0.1	-0.0	-0.0	-0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.0	-0.1
Total final consumption, by source	**61.9**	**62.4**	**69.6**	**60.7**	**59.6**	**64.5**	**67.1**	**66.7**	**69.8**	**70.8**	**100.0**
Oil	30.1	30.3	30.3	27.9	28.5	31.9	31.8	32.7	33.6	33.5	47.3
Gas	15.4	15.0	19.3	14.3	13.5	14.3	15.8	14.5	14.7	15.0	21.2
Coal	0.2	1.6	3.3	2.7	1.4	2.3	2.0	2.4	3.5	3.4	4.8
Electricity	14.0	13.0	14.2	13.4	13.5	13.6	14.8	14.6	15.4	16.1	22.7
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	2.3	2.3	2.4	2.4	2.7	2.4	2.8	2.5	2.6	2.8	4.0
Electricity generation, by source	**16.5**	**16.8**	**17.4**	**16.7**	**17.0**	**17.6**	**18.4**	**18.6**	**19.7**	**20.7**	**100.0**
Oil	3.0	2.2	0.8	0.6	0.2	1.1	1.6	1.5	1.7	1.7	8.0
Gas	12.1	13.2	15.3	14.5	14.7	14.3	14.6	14.8	15.7	16.2	78.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.2	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.4	6.8
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Wind	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.7	3.6
Solar	0.0	0.0	0.0	0.1	0.4	0.4	0.4	0.4	0.5	0.6	3.1
Other renewables	-0.0	0.0	-0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	0.0
Total final consumption, by sector	**61.9**	**62.4**	**69.6**	**60.7**	**59.6**	**64.5**	**67.1**	**66.7**	**69.8**	**70.8**	**100.0**
Industry	18.8	17.8	22.2	16.9	15.1	17.8	21.8	18.7	20.7	21.1	29.7
Transport	18.5	18.0	18.0	16.7	17.3	19.2	18.5	20.9	21.5	21.4	30.2
Residential/Comercial	17.8	16.9	17.5	16.6	17.0	16.4	16.5	17.4	18.2	19.0	26.9
Oil final consumption, by sector	**30.1**	**30.3**	**30.3**	**27.9**	**28.5**	**31.9**	**31.8**	**32.7**	**33.6**	**33.5**	**100.0**
Industry	4.8	4.2	4.3	3.1	3.5	5.1	5.7	3.7	4.3	4.3	12.7
Transport	18.2	17.6	17.7	16.3	16.8	18.6	17.7	19.9	20.5	20.5	61.1
Residential/Comercial	4.7	4.5	4.3	4.0	4.0	3.4	3.0	4.3	4.5	4.5	13.6
Natural gas final consumption, by sector	**15.4**	**15.0**	**19.3**	**14.3**	**13.5**	**14.3**	**15.8**	**14.5**	**14.7**	**15.0**	**100.0**
Industry	9.5	7.7	10.1	6.3	5.5	5.8	9.0	7.0	7.1	7.3	48.4
Transport	0.3	0.3	0.3	0.4	0.5	0.5	0.7	0.9	0.9	0.9	6.0
Residential/Comercial	4.7	4.5	4.3	4.0	4.0	3.4	3.0	4.3	4.5	4.5	30.2
Refined products consumption	**30.1**	**28.8**	**28.8**	**26.2**	**27.1**	**30.4**	**30.2**	**31.1**	**32.0**	**32.0**	**100.0**
Gasoline	7.6	7.5	7.6	7.0	7.6	7.9	7.3	9.0	9.1	9.1	28.5
Diesel	13.4	12.9	12.9	11.7	12.6	14.2	13.8	13.1	13.4	13.4	41.8
Heating Oil	2.3	1.8	1.9	1.0	0.4	1.9	2.7	1.2	1.9	1.9	6.0
Aviation Jet	0.6	0.5	0.6	0.5	0.4	0.7	0.6	0.7	0.8	0.8	2.4
LPG	4.7	4.5	4.3	4.0	4.0	3.4	3.0	4.3	4.5	4.6	14.2
Imports	**29.8**	**25.4**	**23.1**	**12.8**	**21.9**	**22.5**	**20.3**	**19.3**	**23.0**	**29.3**	**100.0**
Oil	22.0	18.9	18.4	12.8	20.1	19.2	16.6	13.9	14.5	16.2	55.2
Gas	7.8	6.4	4.7	0.0	1.8	3.4	3.8	5.4	8.5	13.1	44.8
Gasoline	3.1	2.9	2.8	1.5	2.1	1.8	1.6	1.9	1.9	1.9	6.6
Diesel	7.7	6.7	6.7	3.4	3.4	5.1	4.7	4.5	5.7	5.8	19.8
Heating Oil	2.2	0.5	0.0	0.0	0.0	0.0	0.7	0.5	2.1	2.1	7.3
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	2.7	2.6	2.4	2.2	2.6	2.4	1.9	2.1	2.6	2.7	9.2
Exports	**14.5**	**17.4**	**18.5**	**23.1**	**19.4**	**20.4**	**16.1**	**13.6**	**7.4**	**6.3**	**100.0**
Oil	13.4	15.4	17.6	19.0	17.7	12.7	8.0	6.2	4.4	4.2	65.8
Gas	1.1	1.9	0.9	4.1	1.7	7.7	8.1	7.4	2.9	2.2	34.2
Gasoline	0.2	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Diesel	0.1	0.7	0.6	0.5	0.1	0.0	0.0	0.1	0.4	0.4	6.7
Heating Oil	0.1	0.2	3.3	4.4	5.4	2.3	0.0	0.1	0.1	0.1	1.5
Aviation Jet	0.9	1.0	1.3	1.5	1.2	0.7	0.6	0.6	0.9	0.9	13.7
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**211.3**	**210.9**	**200.7**	**201.0**	**184.4**	**211.8**	**200.8**	**193.5**	**202.1**	**202.3**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**186.5**	**178.7**	**161.4**	**153.1**	**135.6**	**150.9**	**134.2**	**124.6**	**127.1**	**121.9**	**-**
Final energy intensity *(toe/million $15ppp)*	**49.9**	**45.9**	**47.6**	**39.4**	**37.4**	**39.2**	**39.1**	**37.5**	**38.8**	**37.8**	**-**
Total energy intensity *(toe/million $15ppp)*	**78.3**	**78.9**	**71.8**	**68.3**	**69.9**	**71.7**	**63.0**	**57.5**	**57.8**	**56.0**	**-**

**Heat is included*

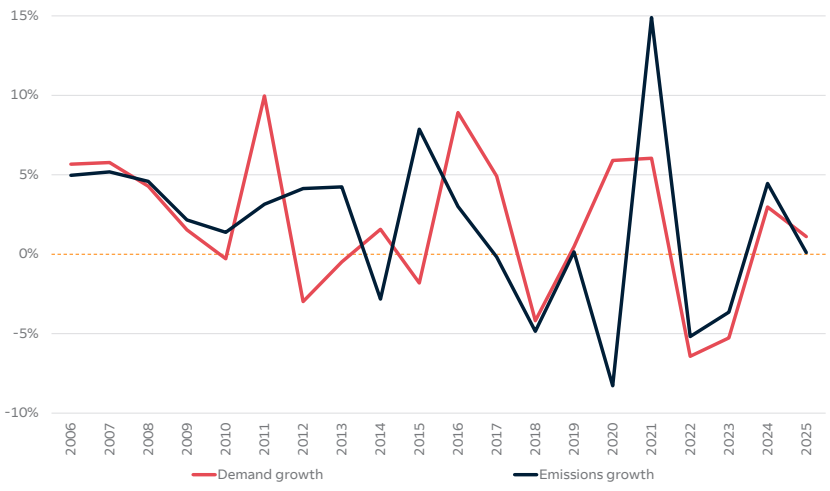
Primary energy demand mix



Electricity generation by source



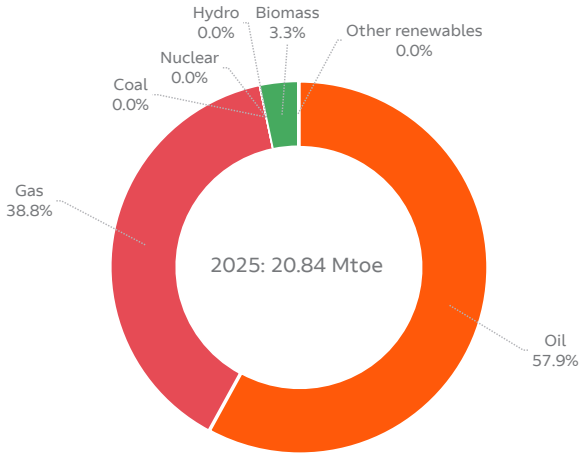
Primary energy demand and CO_2 emissions growth



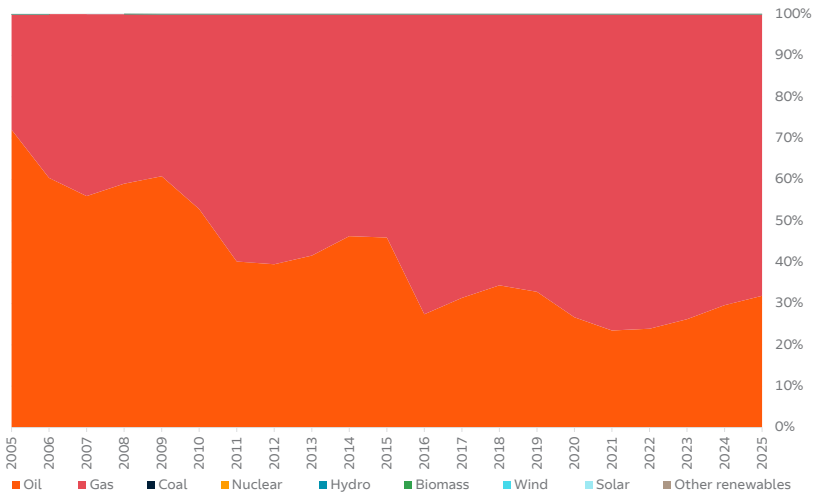
Libya *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**22.2**	**24.9**	**22.9**	**25.6**	**9.9**	**15.0**	**11.2**	**19.4**	**19.6**	**20.8**	**100.0**
Oil	8.7	8.9	8.8	14.8	5.9	6.9	2.9	10.4	10.8	12.0	57.7
Gas	12.8	15.3	13.4	10.1	3.3	7.4	7.5	8.3	8.1	8.1	38.6
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	3.3
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity balance of trade*	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3
Total final consumption, by source	**11.4**	**11.1**	**10.9**	**10.9**	**9.8**	**11.0**	**11.4**	**11.9**	**12.5**	**12.8**	**100.0**
Oil	7.0	6.7	6.5	6.5	6.3	6.4	6.7	6.9	7.5	7.8	60.5
Gas	2.1	2.0	1.8	1.7	1.2	1.9	2.0	2.4	2.4	2.4	18.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	2.1	2.2	2.3	2.4	2.1	2.4	2.4	2.3	2.4	2.4	18.9
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2.3
Electricity generation, by source	**2.7**	**2.9**	**2.9**	**3.0**	**2.5**	**3.0**	**3.0**	**2.9**	**3.0**	**3.0**	**100.0**
Oil	0.7	0.9	1.0	1.0	0.7	0.7	0.7	0.8	0.9	1.0	31.9
Gas	2.0	2.0	1.9	2.0	1.9	2.3	2.3	2.1	2.1	2.1	68.1
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other renewables	0.0	0.0	-0.0	0.0	0.0	-0.0	0.0	-0.0	-0.0	-0.0	-0.0
Total final consumption, by sector	**11.4**	**11.1**	**10.9**	**10.9**	**9.8**	**11.0**	**11.4**	**11.9**	**12.5**	**12.8**	**100.0**
Industry	1.2	1.1	1.1	1.0	0.6	1.0	1.1	1.4	1.5	1.6	12.5
Transport	6.1	5.7	5.6	5.7	5.6	5.6	5.9	6.0	6.4	6.6	51.6
Residential/Comercial	3.5	3.6	3.7	3.7	3.4	3.7	3.8	3.7	3.7	3.8	29.5
Oil final consumption, by sector	**7.0**	**6.7**	**6.5**	**6.5**	**6.3**	**6.4**	**6.7**	**6.9**	**7.5**	**7.8**	**100.0**
Industry	0.4	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.5	0.6	8.3
Transport	6.1	5.7	5.6	5.7	5.6	5.6	5.9	6.0	6.4	6.6	85.3
Residential/Comercial	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	5.0
Natural gas final consumption, by sector	**2.1**	**2.0**	**1.8**	**1.7**	**1.2**	**1.9**	**2.0**	**2.4**	**2.4**	**2.4**	**100.0**
Industry	0.7	0.6	0.5	0.5	0.2	0.6	0.6	0.9	0.9	0.9	36.3
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	0.9	0.9	39.9
Refined products consumption	**7.0**	**6.7**	**6.5**	**6.5**	**6.3**	**6.4**	**6.7**	**6.9**	**7.5**	**7.8**	**100.0**
Gasoline	4.2	4.2	4.2	4.2	4.6	4.7	4.9	5.0	5.3	5.4	70.2
Diesel	1.9	1.6	1.4	1.5	0.9	1.0	1.0	1.0	1.1	1.2	14.9
Heating Oil	0.4	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.5	0.6	8.3
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
LPG	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	4.0
Imports	**6.1**	**5.9**	**5.7**	**6.6**	**5.5**	**4.4**	**4.3**	**4.8**	**5.4**	**5.4**	**100.0**
Oil	6.1	5.9	5.7	6.6	5.5	4.4	4.3	4.8	5.4	5.4	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	3.7	3.7	3.7	4.0	4.4	4.2	4.3	4.5	4.9	4.9	91.1
Diesel	2.2	2.1	1.8	2.4	1.0	0.2	0.0	0.2	0.4	0.4	7.2
Heating Oil	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**21.7**	**46.3**	**57.9**	**61.0**	**24.3**	**63.3**	**55.4**	**58.5**	**55.8**	**66.8**	**100.0**
Oil	17.8	42.6	54.3	56.3	20.6	60.7	53.3	56.4	53.8	64.8	97.0
Gas	3.9	3.8	3.7	4.7	3.7	2.6	2.1	2.1	2.0	2.0	3.0
Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Heating Oil	0.4	0.3	0.2	0.0	0.4	0.9	1.5	0.6	0.2	0.2	0.4
Aviation Jet	0.1	0.4	0.6	0.4	0.4	0.7	0.9	0.6	0.5	0.5	0.8
LPG	0.0	0.0	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1
CO_2 Emissions *(Million tons CO_2)*	**45.3**	**46.1**	**46.6**	**46.6**	**40.5**	**46.2**	**47.2**	**47.7**	**49.9**	**52.8**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**393.2**	**302.1**	**282.9**	**318.6**	**392.5**	**348.7**	**388.2**	**356.4**	**375.2**	**342.7**	**-**
Final energy intensity *(toe/million $15ppp)*	**94.5**	**69.6**	**63.9**	**72.0**	**93.9**	**79.6**	**89.4**	**84.1**	**88.9**	**78.9**	**-**
Total energy intensity *(toe/million $15ppp)*	**192.4**	**162.9**	**138.9**	**174.9**	**96.2**	**113.3**	**92.0**	**145.1**	**147.5**	**135.2**	**-**

**Heat is included*

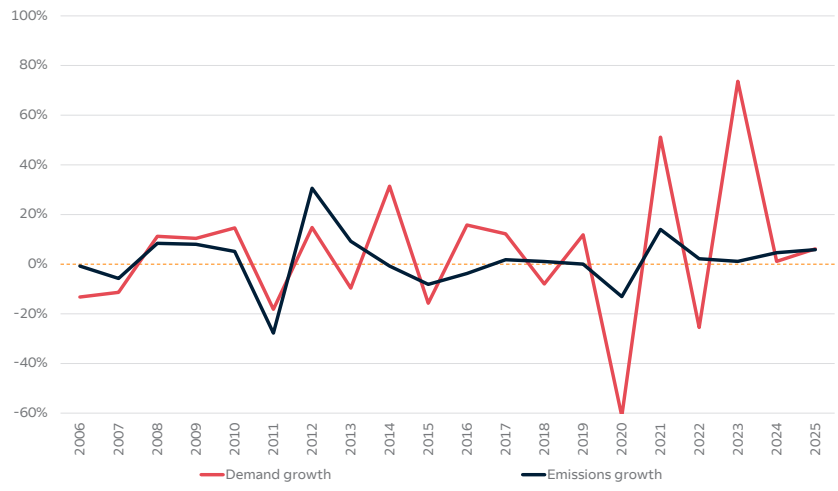
Primary energy demand mix



Electricity generation by source



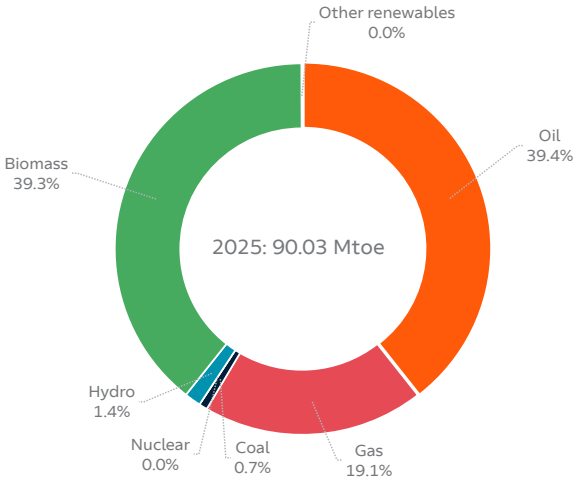
Primary energy demand and CO_2 emissions growth



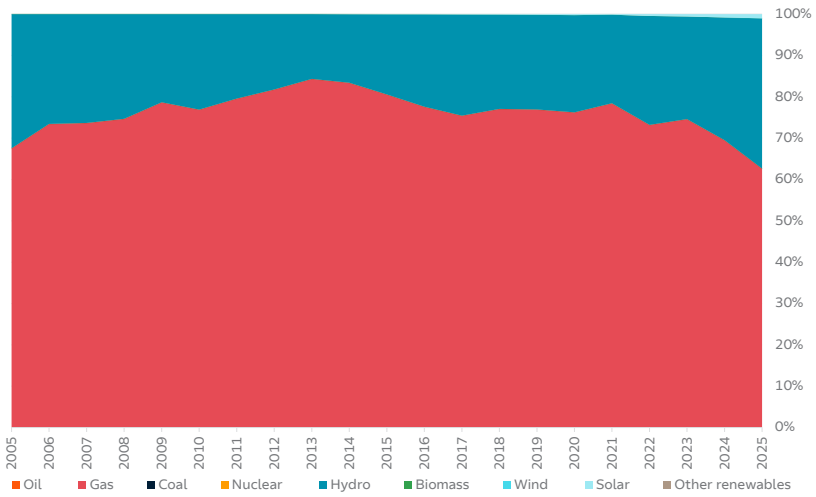
Nigeria *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**65.9**	**64.5**	**62.7**	**70.4**	**70.5**	**79.5**	**75.6**	**74.0**	**82.0**	**90.0**	**100.0**
Oil	21.0	20.2	16.8	23.4	22.2	28.4	23.9	23.3	29.5	35.5	39.5
Gas	15.0	14.2	15.0	15.3	15.4	16.7	16.6	15.4	16.2	17.2	19.1
Coal	0.5	0.4	0.5	0.5	0.6	0.9	0.9	0.7	0.7	0.7	0.7
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.9	1.3	1.4
Biomass	28.8	29.3	30.0	30.6	31.8	33.1	33.6	34.1	34.9	35.5	39.4
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity balance of trade*	-0.2	-0.2	-0.3	-0.2	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
Total final consumption, by source	**51.0**	**51.0**	**53.3**	**55.4**	**54.5**	**58.7**	**60.8**	**59.5**	**60.9**	**66.3**	**100.0**
Oil	18.6	18.6	19.9	21.3	19.0	21.3	22.6	21.1	21.2	25.7	38.7
Gas	3.7	3.4	3.6	3.6	3.8	4.4	4.4	4.4	5.0	5.1	7.7
Coal	0.5	0.4	0.5	0.5	0.6	0.9	0.9	0.7	0.7	0.7	1.0
Electricity	2.5	2.5	2.6	2.6	2.7	2.4	2.9	2.9	2.8	3.2	4.8
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	25.7	26.1	26.8	27.3	28.4	29.6	30.0	30.4	31.2	31.7	47.8
Electricity generation, by source	**3.1**	**2.7**	**2.9**	**3.1**	**3.0**	**3.2**	**3.0**	**3.2**	**3.1**	**3.5**	**100.0**
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gas	2.4	2.1	2.2	2.4	2.3	2.5	2.2	2.4	2.2	2.2	62.6
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.9	1.3	36.4
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**51.0**	**51.0**	**53.3**	**55.4**	**54.5**	**58.7**	**60.8**	**59.5**	**60.9**	**66.3**	**100.0**
Industry	8.3	8.0	8.4	8.5	8.8	9.0	9.6	9.2	9.7	10.3	15.5
Transport	17.1	17.1	18.3	19.6	16.9	19.1	20.4	18.5	17.9	20.5	31.0
Residential/Comercial	24.0	24.5	25.2	26.0	27.5	28.9	29.2	30.1	31.2	33.5	50.6
Oil final consumption, by sector	**18.6**	**18.6**	**19.9**	**21.3**	**19.0**	**21.3**	**22.6**	**21.1**	**21.2**	**25.7**	**100.0**
Industry	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.8	3.3
Transport	17.1	17.1	18.3	19.6	16.9	19.1	20.4	18.5	17.9	20.5	79.9
Residential/Comercial	0.8	0.9	0.9	1.1	1.5	1.7	1.6	2.0	2.5	4.2	16.2
Natural gas final consumption, by sector	**3.7**	**3.4**	**3.6**	**3.6**	**3.8**	**4.4**	**4.4**	**4.4**	**5.0**	**5.1**	**100.0**
Industry	2.4	2.2	2.4	2.4	2.6	2.9	3.0	2.8	3.2	3.2	63.8
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Refined products consumption	**18.6**	**18.6**	**19.9**	**21.3**	**19.0**	**21.3**	**22.6**	**21.1**	**21.2**	**25.7**	**100.0**
Gasoline	13.5	13.5	14.2	15.2	13.4	15.1	16.1	14.1	12.8	14.3	55.5
Diesel	3.5	3.5	4.0	4.4	3.4	4.0	4.1	4.2	4.8	6.0	23.4
Heating Oil	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.8	3.2
Aviation Jet	0.2	0.2	0.2	0.1	0.1	0.0	0.2	0.2	0.3	0.3	1.1
LPG	0.1	0.1	0.2	0.4	0.8	0.9	0.8	1.2	1.3	2.0	7.9
Imports	**19.6**	**18.2**	**13.2**	**22.5**	**22.2**	**22.9**	**23.9**	**22.4**	**20.6**	**22.1**	**100.0**
Oil	19.6	18.2	13.2	22.5	22.2	22.9	23.9	22.4	20.6	22.1	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	14.2	13.1	8.4	16.5	15.4	17.2	18.3	15.8	13.6	10.5	47.3
Diesel	3.9	3.7	3.5	4.3	4.9	3.9	3.4	4.3	3.8	4.0	17.9
Heating Oil	0.3	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.6	0.7	0.9	0.8	0.4	0.5	0.8	0.8	0.5	0.2	0.9
LPG	0.0	0.0	0.1	0.0	0.6	0.5	0.4	0.6	0.6	0.6	2.8
Exports	**110.0**	**114.5**	**117.8**	**123.4**	**99.9**	**87.7**	**73.3**	**78.5**	**76.2**	**78.2**	**100.0**
Oil	90.6	91.8	95.5	101.0	77.3	69.1	57.4	63.8	60.8	62.1	79.4
Gas	19.4	22.7	22.3	22.4	22.5	18.6	15.9	14.7	15.4	16.1	20.6
Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.2	1.6
Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.3	3.0
Heating Oil	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**87.4**	**85.1**	**89.5**	**95.3**	**87.7**	**95.9**	**97.3**	**92.2**	**93.2**	**107.2**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**89.8**	**86.7**	**89.5**	**93.2**	**87.3**	**92.1**	**90.6**	**83.4**	**81.5**	**90.2**	**-**
Final energy intensity *(toe/million $15ppp)*	**50.8**	**50.6**	**51.9**	**52.9**	**53.0**	**54.8**	**55.1**	**52.3**	**51.5**	**54.2**	**-**
Total energy intensity *(toe/million $15ppp)*	**67.7**	**65.8**	**62.7**	**68.9**	**70.2**	**76.4**	**70.4**	**67.0**	**68.5**	**70.0**	**-**

**Heat is included*

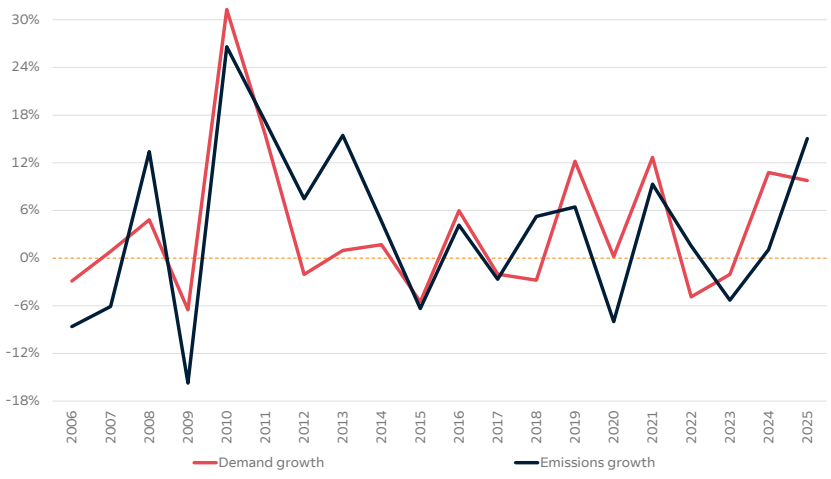
Primary energy demand mix



Electricity generation by source



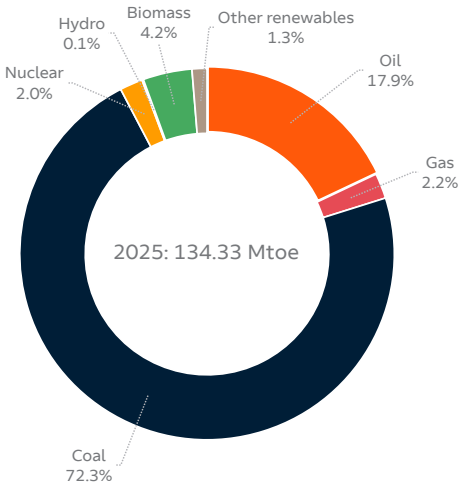
Primary energy demand and CO_2 emissions growth



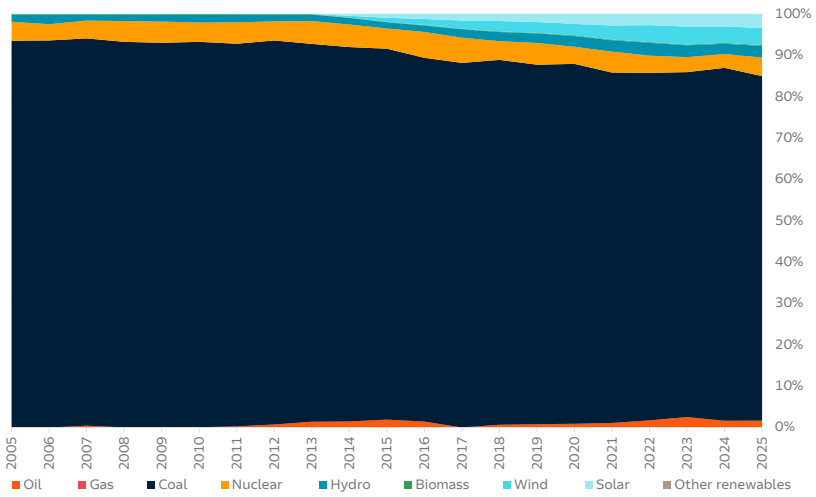
South Africa *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**135.4**	**134.2**	**137.2**	**142.2**	**133.1**	**139.2**	**130.0**	**135.2**	**134.4**	**134.3**	**100.0**
Oil	20.3	22.5	21.4	19.8	19.0	27.5	24.6	26.3	23.9	24.1	18.0
Gas	3.4	3.2	4.3	4.3	4.2	3.1	3.0	3.1	3.2	3.0	2.2
Coal	102.1	98.2	102.0	107.7	100.6	98.4	92.4	96.3	97.9	97.4	72.5
Nuclear	4.1	4.1	3.0	3.5	2.6	3.2	2.6	2.1	2.0	2.7	2.0
Hydro	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.2	0.1
Biomass	5.2	5.6	5.6	6.0	5.6	5.4	5.4	5.6	5.6	5.7	4.3
Other renewables	0.7	0.9	1.1	1.3	1.3	1.6	1.7	1.7	1.6	1.7	1.3
Electricity balance of trade*	-0.5	-0.5	-0.3	-0.3	-0.2	-0.2	-0.0	0.0	0.0	-0.5	-0.3
Total final consumption, by source	**62.0**	**61.4**	**62.0**	**64.3**	**58.2**	**62.0**	**66.2**	**72.3**	**69.7**	**69.7**	**100.0**
Oil	24.3	27.4	26.0	24.6	21.7	23.8	25.0	26.9	25.0	25.2	36.1
Gas	2.3	2.4	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.0	2.8
Coal	14.2	10.3	12.4	15.9	13.7	15.4	19.0	23.7	22.4	23.1	33.1
Electricity	17.5	17.4	17.5	17.1	16.4	16.6	16.0	15.4	15.8	15.1	21.6
Heat	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Biomass	3.6	3.8	3.9	4.5	4.2	4.1	4.1	4.1	4.2	4.2	6.1
Electricity generation, by source	**21.9**	**22.2**	**22.1**	**21.7**	**20.6**	**21.0**	**20.2**	**19.2**	**20.0**	**19.6**	**100.0**
Oil	0.3	0.0	0.2	0.2	0.2	0.2	0.4	0.5	0.3	0.3	1.7
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coal	19.3	19.5	19.5	18.9	17.9	17.8	17.0	16.0	17.1	16.4	83.3
Nuclear	1.4	1.4	1.0	1.1	0.9	1.1	0.8	0.7	0.7	0.9	4.5
Hydro	0.3	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.5	2.8
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Wind	0.3	0.4	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.8	4.2
Solar	0.3	0.3	0.4	0.4	0.5	0.6	0.5	0.6	0.6	0.7	3.3
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	-0.0
Total final consumption, by sector	**62.0**	**61.4**	**62.0**	**64.3**	**58.2**	**62.0**	**66.2**	**72.3**	**69.7**	**69.7**	**100.0**
Industry	25.8	22.5	23.7	27.7	24.6	26.4	28.3	33.7	32.8	32.8	47.0
Transport	19.3	19.3	18.5	17.4	14.7	16.3	16.1	16.1	15.1	15.3	21.9
Residential/Comercial	10.2	10.1	10.2	10.2	9.8	10.1	10.1	9.2	9.2	9.0	12.9
Oil final consumption, by sector	**24.3**	**27.4**	**26.0**	**24.6**	**21.7**	**23.8**	**25.0**	**26.9**	**25.0**	**25.2**	**100.0**
Industry	1.9	1.8	2.0	1.9	1.5	1.6	1.6	2.3	2.0	2.0	8.0
Transport	19.0	19.0	18.2	17.1	14.5	16.1	15.9	15.9	14.9	15.1	60.1
Residential/Comercial	0.8	0.7	0.7	0.7	0.6	0.7	0.9	0.9	0.8	0.8	3.4
Natural gas final consumption, by sector	**2.3**	**2.4**	**2.1**	**2.1**	**2.1**	**2.0**	**2.0**	**2.1**	**2.1**	**2.0**	**100.0**
Industry	2.2	2.3	2.1	2.1	2.1	1.9	1.9	2.0	2.1	1.9	98.3
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
Refined products consumption	**24.3**	**27.4**	**26.0**	**24.6**	**21.7**	**23.8**	**25.0**	**26.9**	**25.0**	**25.2**	**100.0**
Gasoline	9.8	9.6	9.2	7.9	6.3	7.0	6.9	6.7	6.4	6.6	26.4
Diesel	11.5	12.0	11.7	12.0	10.5	11.6	11.3	12.1	11.1	11.0	43.9
Heating Oil	0.6	0.5	0.4	0.3	0.4	0.4	0.5	0.6	0.4	0.4	1.4
Aviation Jet	0.6	0.7	0.6	0.6	0.3	0.3	0.4	0.5	0.5	0.5	2.0
LPG	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.7
Imports	**29.8**	**31.6**	**34.7**	**31.6**	**28.1**	**31.7**	**31.3**	**35.6**	**33.0**	**32.8**	**100.0**
Oil	27.0	29.0	31.3	28.3	24.8	28.6	28.3	32.5	29.8	29.8	90.9
Gas	2.8	2.7	3.4	3.3	3.3	3.1	3.0	3.1	3.2	3.0	9.1
Gasoline	1.1	1.6	1.7	1.1	1.3	3.1	4.2	4.7	4.2	4.7	14.3
Diesel	3.9	5.3	5.4	5.2	6.0	8.6	10.5	11.4	9.6	10.3	31.3
Heating Oil	0.0	0.0	0.1	0.1	0.2	0.5	0.9	0.9	0.6	0.5	1.5
Aviation Jet	0.1	0.4	0.3	0.4	0.5	0.4	0.7	0.7	0.7	0.9	2.6
LPG	0.1	0.1	0.1	0.1	0.1	0.0	0.2	0.3	0.3	0.4	1.1
Exports	**3.4**	**3.7**	**4.5**	**3.8**	**2.8**	**2.1**	**2.1**	**3.9**	**3.7**	**3.3**	**100.0**
Oil	3.4	3.7	4.5	3.8	2.8	2.1	2.1	3.9	3.7	3.3	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.9	0.8	1.0	0.9	0.9	0.8	0.7	1.1	1.0	0.9	26.2
Diesel	1.7	1.6	1.6	1.6	0.8	0.8	0.8	0.9	0.8	0.8	23.4
Heating Oil	0.0	0.4	0.9	0.4	0.0	0.0	0.0	0.7	0.7	0.5	16.8
Aviation Jet	0.3	0.3	0.4	0.3	0.5	0.1	0.3	0.5	0.5	0.5	15.1
LPG	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.3	10.5
CO_2 Emissions *(Million tons CO_2)*	**477.0**	**473.6**	**479.7**	**492.7**	**471.9**	**461.5**	**420.6**	**427.3**	**430.8**	**429.0**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**623.5**	**612.0**	**610.4**	**625.3**	**638.3**	**594.8**	**531.9**	**536.5**	**537.9**	**529.6**	**-**
Final energy intensity *(toe/million $15ppp)*	**78.4**	**73.2**	**73.6**	**76.6**	**73.0**	**74.2**	**76.8**	**82.4**	**79.3**	**78.4**	**-**
Total energy intensity *(toe/million $15ppp)*	**177.0**	**173.4**	**174.5**	**180.4**	**180.0**	**179.4**	**164.3**	**169.8**	**167.8**	**165.9**	**-**

**Heat is included*

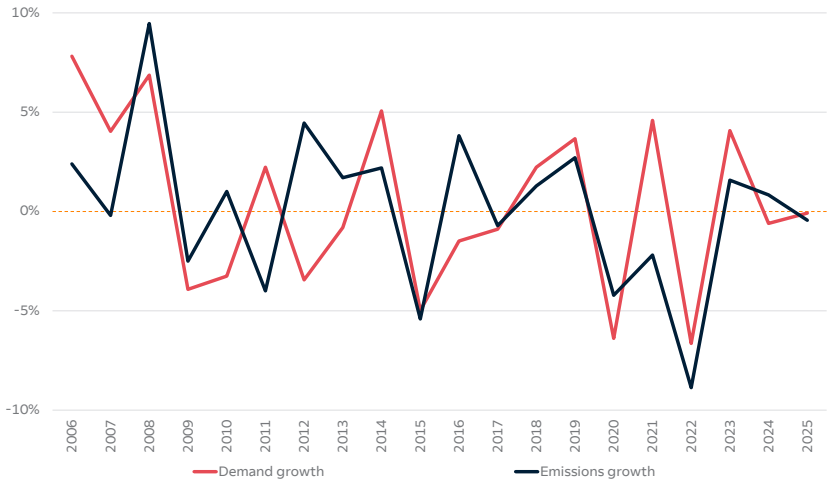
Primary energy demand mix



Electricity generation by source



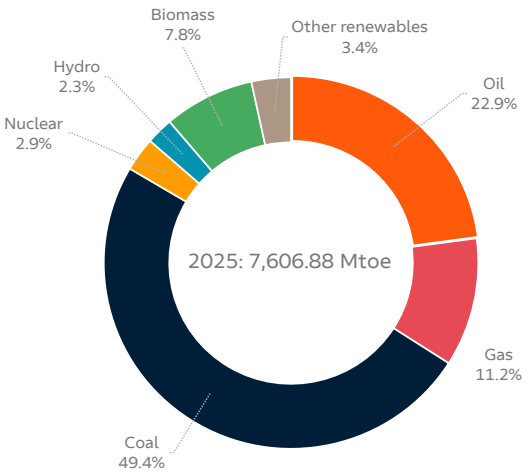
Primary energy demand and CO_2 emissions growth



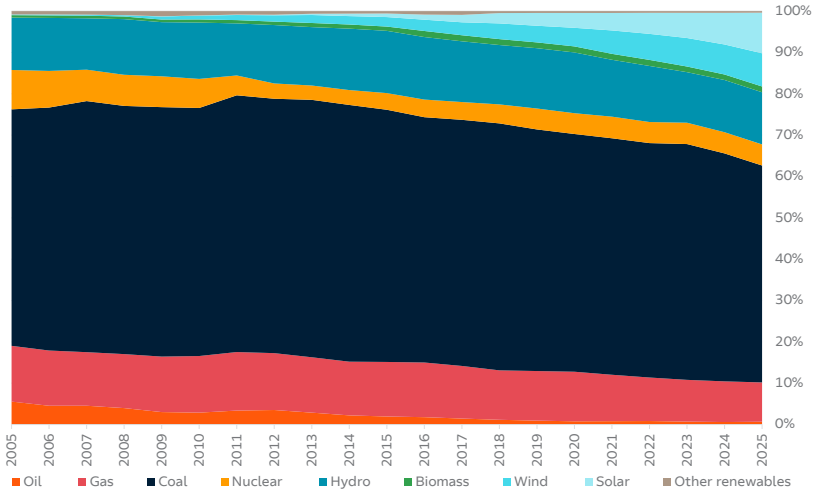
Asia-Pacific *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**5,650.9**	**5,869.5**	**6,110.4**	**6,304.6**	**6,298.1**	**6,645.0**	**6,956.4**	**7,298.1**	**7,483.2**	**7,606.9**	**100.0**
Oil	1,454.5	1,515.8	1,529.8	1,563.1	1,521.3	1,563.9	1,602.6	1,690.4	1,690.3	1,723.8	22.7
Gas	616.0	646.6	695.8	715.5	738.6	783.3	773.7	800.4	837.1	844.2	11.1
Coal	2,752.0	2,833.2	2,958.5	3,055.2	3,048.0	3,239.6	3,468.3	3,649.5	3,723.5	3,725.3	49.0
Nuclear	122.4	130.3	147.9	168.5	169.6	189.8	193.7	205.6	214.8	221.9	2.9
Hydro	139.5	143.4	147.8	155.6	159.9	160.4	165.0	156.3	170.7	176.3	2.3
Biomass	473.2	492.1	509.5	512.6	512.8	528.4	547.9	560.7	573.0	589.9	7.8
Other renewables	37.7	49.6	66.8	78.1	90.1	118.4	142.0	171.0	207.5	256.4	3.4
Electricity balance of trade*	55.5	58.4	54.4	55.8	57.9	61.3	63.1	64.4	66.3	69.0	0.9
Total final consumption, by source	**3,763.1**	**3,867.7**	**3,983.7**	**4,049.8**	**4,046.7**	**4,222.3**	**4,386.4**	**4,598.9**	**4,746.7**	**4,880.4**	**100.0**
Oil	1,247.8	1,299.2	1,315.2	1,336.3	1,293.5	1,357.9	1,378.9	1,444.2	1,453.7	1,467.1	30.1
Gas	291.8	317.7	351.2	368.2	374.0	412.4	409.8	436.0	457.8	463.2	9.5
Coal	907.8	869.8	856.9	838.1	848.0	810.7	868.2	907.5	921.9	948.8	19.4
Electricity	794.5	844.2	893.5	930.8	941.4	1,009.7	1,058.9	1,116.5	1,179.6	1,222.3	25.0
Heat	122.1	129.7	142.2	149.1	160.6	188.6	212.9	228.5	256.7	288.7	5.9
Biomass	399.1	407.1	424.8	427.2	429.3	443.1	457.6	466.2	479.2	492.4	10.1
Electricity generation, by source	**947.4**	**1,002.0**	**1,059.2**	**1,094.7**	**1,115.0**	**1,197.6**	**1,248.6**	**1,314.6**	**1,388.4**	**1,436.4**	**100.0**
Oil	16.9	14.4	12.1	10.3	8.9	9.9	10.4	9.2	8.3	9.9	0.7
Gas	125.4	127.7	126.6	131.2	133.5	134.2	131.7	132.7	136.5	136.5	9.5
Coal	562.1	596.5	633.0	639.9	641.2	685.4	707.8	750.0	765.9	753.7	52.5
Nuclear	40.4	43.0	48.8	55.6	56.0	62.6	63.9	67.8	70.9	73.2	5.1
Hydro	143.3	147.5	151.9	159.6	164.0	164.7	169.3	160.6	175.5	181.2	12.6
Biomass	13.8	14.5	15.3	15.1	16.4	17.2	18.3	18.1	18.4	20.0	1.4
Wind	25.8	31.5	40.1	44.4	49.9	67.9	78.3	90.8	101.0	115.5	8.0
Solar	11.9	18.1	26.7	33.7	40.2	50.5	63.7	80.1	106.5	140.9	9.8
Other renewables	7.8	8.9	4.8	4.8	4.9	5.2	5.1	5.2	5.3	5.4	0.4
Total final consumption, by sector	**3,763.1**	**3,867.7**	**3,983.7**	**4,049.8**	**4,046.7**	**4,222.3**	**4,386.4**	**4,598.9**	**4,746.7**	**4,880.4**	**100.0**
Industry	1,556.1	1,591.2	1,665.0	1,676.0	1,695.2	1,756.3	1,839.3	1,932.0	1,993.8	2,044.5	41.9
Transport	718.1	751.8	777.8	794.5	740.3	781.8	803.5	842.3	858.5	864.3	17.7
Residential/Comercial	960.7	984.9	999.6	1,011.6	1,016.7	1,055.4	1,090.4	1,112.3	1,167.4	1,204.9	24.7
Oil final consumption, by sector	**1,247.8**	**1,299.2**	**1,315.2**	**1,336.3**	**1,293.5**	**1,357.9**	**1,378.9**	**1,444.2**	**1,453.7**	**1,467.1**	**100.0**
Industry	106.8	109.8	112.9	117.2	108.7	105.9	107.2	118.7	121.1	120.5	8.2
Transport	656.6	684.2	704.9	714.7	659.9	697.4	717.0	749.4	760.9	759.9	51.8
Residential/Comercial	138.8	143.7	140.4	135.8	136.3	134.2	131.9	130.7	133.2	134.4	9.2
Natural gas final consumption, by sector	**291.8**	**317.7**	**351.2**	**368.2**	**374.0**	**412.4**	**409.8**	**436.0**	**457.8**	**463.2**	**100.0**
Industry	125.0	141.4	168.4	176.7	182.4	213.6	213.1	230.2	243.4	245.7	53.1
Transport	30.6	33.2	33.8	37.2	37.1	38.3	37.4	39.4	42.1	42.3	9.1
Residential/Comercial	88.2	94.6	99.7	100.8	102.6	107.6	107.3	107.2	111.9	113.7	24.6
Refined products consumption	**1,243.9**	**1,297.6**	**1,313.8**	**1,335.1**	**1,291.2**	**1,355.1**	**1,377.8**	**1,443.5**	**1,452.8**	**1,466.3**	**100.0**
Gasoline	294.8	303.9	314.8	323.6	303.2	318.4	322.2	332.1	340.9	342.6	23.4
Diesel	419.8	430.3	439.6	424.9	395.1	416.2	445.9	461.4	461.4	458.4	31.3
Heating Oil	29.8	30.1	27.7	34.1	33.3	35.9	38.4	34.6	31.0	27.8	1.9
Aviation Jet	39.7	45.3	47.8	54.1	43.8	46.2	35.5	52.2	55.9	56.8	3.9
LPG	117.8	125.2	132.0	131.5	129.9	134.1	141.9	150.6	158.2	161.0	11.0
Imports	**1,905.0**	**2,030.0**	**2,096.5**	**2,118.8**	**2,046.2**	**2,076.5**	**2,112.0**	**2,232.1**	**2,274.5**	**2,291.2**	**100.0**
Oil	1,628.0	1,722.7	1,755.3	1,778.4	1,691.6	1,701.0	1,751.8	1,865.2	1,883.4	1,910.4	83.4
Gas	277.0	307.2	341.2	340.4	354.6	375.5	360.2	366.8	391.1	380.8	16.6
Gasoline	62.9	61.9	65.9	72.7	69.2	72.0	76.4	76.2	77.6	74.5	3.3
Diesel	84.6	89.7	89.6	93.3	84.0	85.0	80.6	85.2	90.3	78.0	3.4
Heating Oil	107.6	119.0	109.1	101.7	90.0	98.5	102.4	117.4	125.0	112.2	4.9
Aviation Jet	26.9	29.6	28.5	31.1	19.5	13.6	16.9	23.4	28.5	29.7	1.3
LPG	64.8	68.4	71.9	77.1	78.1	82.5	89.9	96.0	103.3	106.1	4.6
Exports	**547.0**	**577.1**	**571.0**	**584.5**	**540.7**	**549.6**	**555.3**	**544.7**	**541.3**	**535.8**	**100.0**
Oil	423.9	434.1	422.8	416.4	372.0	383.7	380.1	373.1	372.3	375.0	70.0
Gas	123.1	143.0	148.2	168.1	168.7	166.0	175.2	171.7	169.0	160.8	30.0
Gasoline	71.5	71.3	71.2	75.7	69.6	81.0	79.1	80.4	81.4	80.0	14.9
Diesel	121.0	125.0	128.3	132.2	122.0	121.0	117.3	110.2	104.0	106.2	19.8
Heating Oil	54.8	58.9	55.3	48.4	42.4	48.0	50.7	49.5	52.4	55.1	10.3
Aviation Jet	49.0	51.2	50.6	52.7	33.4	30.5	39.6	37.0	38.2	38.4	7.2
LPG	4.4	4.8	5.2	5.9	6.8	7.0	7.2	6.5	7.1	6.7	1.3
CO_2 Emissions *(Million tons CO_2)*	**15,505.2**	**16,085.6**	**16,771.2**	**16,985.3**	**16,709.4**	**17,465.6**	**18,097.6**	**18,958.7**	**19,258.6**	**19,206.4**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**331.6**	**325.6**	**322.0**	**312.5**	**310.9**	**303.8**	**302.5**	**302.7**	**294.0**	**279.6**	**-**
Final energy intensity *(toe/million $15ppp)*	**80.5**	**78.3**	**76.5**	**74.5**	**75.3**	**73.4**	**73.3**	**73.4**	**72.5**	**71.1**	**-**
Total energy intensity *(toe/million $15ppp)*	**120.8**	**118.8**	**117.3**	**116.0**	**117.2**	**115.6**	**116.3**	**116.5**	**114.2**	**110.8**	**-**

**Heat is included*

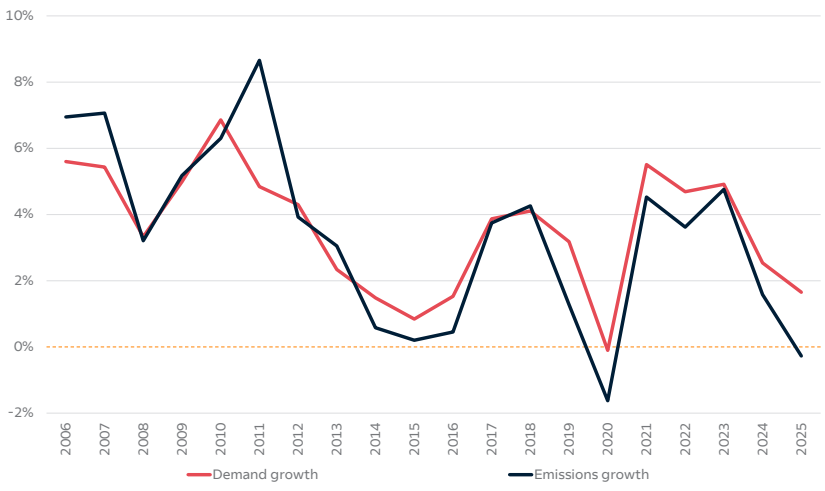
Primary energy demand mix



Electricity generation by source



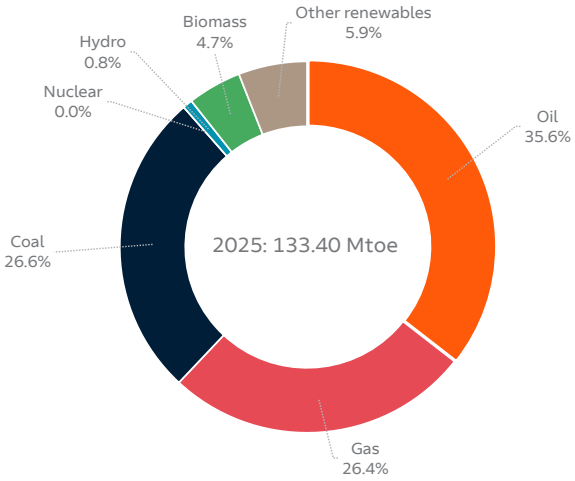
Primary energy demand and CO_2 emissions growth



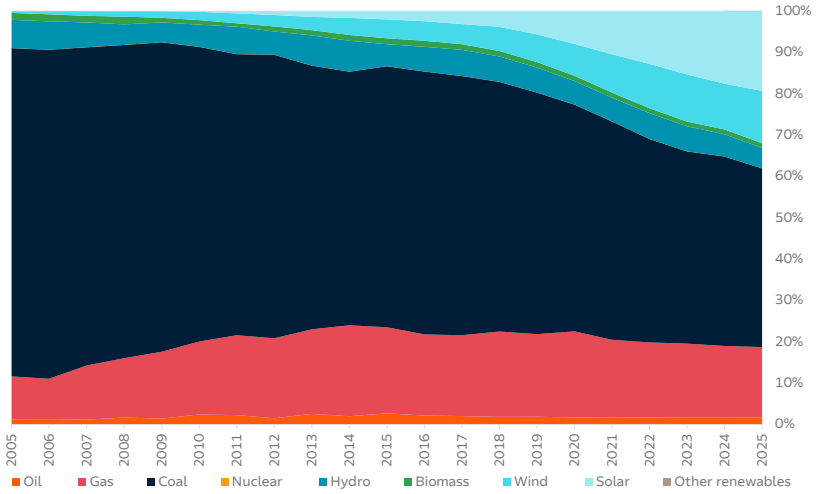
Australia *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**127.6**	**128.4**	**127.7**	**133.2**	**132.9**	**129.5**	**129.3**	**135.9**	**134.0**	**133.4**	**100.0**
Oil	42.7	42.8	43.9	43.8	44.3	42.4	43.0	46.8	46.8	47.2	35.4
Gas	30.5	27.3	27.7	32.3	35.4	34.8	35.9	36.3	35.9	35.1	26.3
Coal	44.5	47.2	45.1	45.8	41.6	39.5	36.6	37.9	36.3	35.3	26.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.3	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.2	1.1	0.8
Biomass	6.8	7.6	7.1	6.7	6.3	6.5	6.4	6.7	6.2	6.2	4.6
Other renewables	1.6	1.8	2.2	2.8	3.6	4.5	5.5	6.3	6.9	7.9	5.9
Electricity balance of trade*	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.5
Total final consumption, by source	**81.1**	**82.2**	**83.3**	**82.3**	**79.8**	**80.0**	**80.3**	**82.6**	**83.0**	**82.9**	**100.0**
Oil	42.0	42.5	43.6	43.0	40.7	40.5	40.5	42.7	43.5	43.6	52.5
Gas	12.5	12.4	12.4	12.2	12.4	12.6	12.5	12.1	12.0	11.5	13.9
Coal	2.3	2.4	2.6	2.6	2.5	2.5	2.5	2.3	2.1	2.1	2.5
Electricity	18.5	18.3	18.5	18.6	18.6	18.6	19.0	19.3	19.7	20.1	24.2
Heat	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.8
Biomass	5.5	6.3	5.8	5.4	5.1	5.3	5.2	5.6	5.1	5.1	6.1
Electricity generation, by source	**22.1**	**22.2**	**22.5**	**22.7**	**22.8**	**22.8**	**23.4**	**23.6**	**24.1**	**24.6**	**100.0**
Oil	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.8
Gas	4.3	4.3	4.6	4.5	4.7	4.3	4.2	4.2	4.1	4.2	17.0
Coal	14.0	13.9	13.6	13.3	12.5	12.1	11.5	11.0	11.1	10.6	43.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.3	1.4	1.4	1.4	1.3	1.3	1.5	1.4	1.3	1.2	4.9
Biomass	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.1
Wind	1.0	1.1	1.3	1.5	1.8	2.1	2.5	2.7	2.7	3.1	12.7
Solar	0.5	0.7	0.9	1.3	1.8	2.4	3.0	3.6	4.2	4.7	19.3
Other renewables	0.0	0.0	0.0	-0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	-0.0
Total final consumption, by sector	**81.1**	**82.2**	**83.3**	**82.3**	**79.8**	**80.0**	**80.3**	**82.6**	**83.0**	**82.9**	**100.0**
Industry	22.6	23.2	23.3	23.0	22.7	23.3	23.2	23.5	23.1	22.9	27.6
Transport	31.8	32.2	33.0	32.9	30.7	29.7	30.2	32.7	33.4	33.5	40.4
Residential/Comercial	18.8	19.0	19.0	19.0	19.2	19.1	19.5	19.5	19.6	19.7	23.7
Oil final consumption, by sector	**42.0**	**42.5**	**43.6**	**43.0**	**40.7**	**40.5**	**40.5**	**42.7**	**43.5**	**43.6**	**100.0**
Industry	3.7	3.8	4.1	4.2	4.3	4.5	4.5	4.8	4.8	4.7	10.9
Transport	30.7	31.2	31.9	31.8	29.6	28.6	29.1	31.6	32.3	32.4	74.4
Residential/Comercial	1.1	1.1	1.1	1.0	1.0	1.0	0.9	1.0	1.0	1.0	2.3
Natural gas final consumption, by sector	**12.5**	**12.4**	**12.4**	**12.2**	**12.4**	**12.6**	**12.5**	**12.1**	**12.0**	**11.5**	**100.0**
Industry	6.5	6.4	6.4	6.2	6.2	6.4	6.3	6.1	6.1	5.8	50.7
Transport	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	3.4
Residential/Comercial	4.3	4.4	4.4	4.4	4.5	4.5	4.6	4.3	4.2	4.1	35.2
Refined products consumption	**42.0**	**42.4**	**43.6**	**43.0**	**40.7**	**40.5**	**40.5**	**42.7**	**43.5**	**43.6**	**100.0**
Gasoline	14.1	14.3	14.1	13.8	12.3	12.2	11.3	12.2	12.2	12.1	27.7
Diesel	18.6	19.3	20.7	20.7	20.6	21.3	22.2	22.8	23.4	23.6	54.2
Heating Oil	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.5
Aviation Jet	3.0	3.1	3.1	2.9	2.3	1.6	2.0	3.1	3.3	3.5	7.9
LPG	1.6	1.3	1.1	1.0	1.0	0.9	0.8	0.9	0.8	0.8	1.9
Imports	**48.4**	**49.6**	**52.8**	**52.4**	**49.3**	**46.5**	**47.2**	**50.5**	**52.2**	**51.9**	**100.0**
Oil	43.6	45.2	48.8	48.0	45.4	42.0	44.0	49.5	51.7	51.7	99.6
Gas	4.9	4.4	4.0	4.3	3.9	4.5	3.3	1.0	0.5	0.2	0.4
Gasoline	5.1	5.3	4.9	4.7	4.5	5.9	6.8	7.8	8.0	8.4	16.1
Diesel	15.1	15.7	17.3	17.6	18.8	19.5	22.7	25.5	26.3	25.7	49.5
Heating Oil	0.3	0.2	0.7	0.7	0.6	0.3	0.4	0.7	1.3	1.1	2.1
Aviation Jet	4.7	4.9	5.2	4.9	4.1	2.3	3.2	5.0	6.2	6.5	12.6
LPG	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.7
Exports	**56.6**	**75.2**	**86.8**	**104.2**	**112.5**	**109.3**	**117.1**	**113.9**	**111.5**	**108.7**	**100.0**
Oil	13.1	12.7	12.9	14.6	17.6	16.5	17.4	16.3	15.6	14.9	13.7
Gas	43.5	62.6	74.0	89.6	94.9	92.7	99.7	97.6	95.9	93.8	86.3
Gasoline	0.1	0.2	0.1	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Diesel	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1
Heating Oil	0.2	0.3	0.2	0.2	0.3	0.4	0.1	0.1	0.1	0.1	0.1
Aviation Jet	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
LPG	1.2	1.3	1.4	1.8	3.1	2.8	3.3	2.6	2.8	2.6	2.4
CO_2 Emissions *(Million tons CO_2)*	**378.0**	**391.2**	**388.4**	**386.1**	**370.5**	**362.7**	**356.2**	**357.1**	**357.6**	**348.6**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**333.9**	**337.8**	**326.0**	**317.2**	**304.7**	**292.2**	**275.3**	**266.8**	**263.3**	**252.2**	**-**
Final energy intensity *(toe/million $15ppp)*	**66.8**	**66.5**	**65.4**	**63.4**	**61.3**	**60.3**	**58.3**	**58.4**	**57.8**	**56.8**	**-**
Total energy intensity *(toe/million $15ppp)*	**112.7**	**110.9**	**107.2**	**109.5**	**109.3**	**104.3**	**99.9**	**101.5**	**98.7**	**96.5**	**-**

**Heat is included*

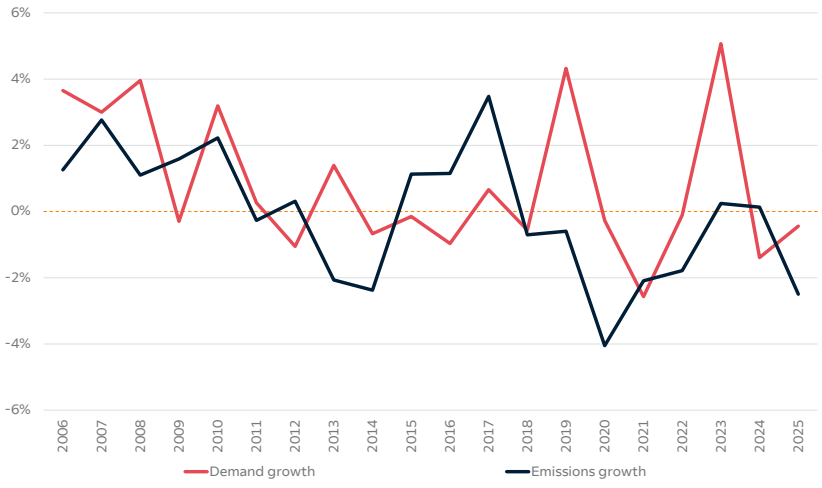
Primary energy demand mix



Electricity generation by source



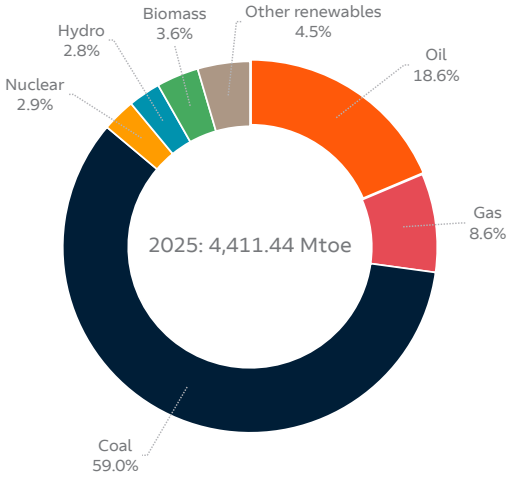
Primary energy demand and CO_2 emissions growth



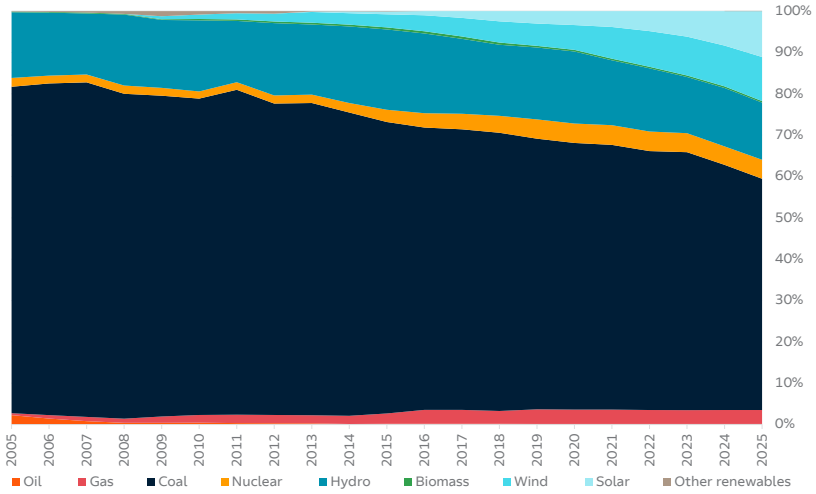
China *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**2,964.2**	**3,082.3**	**3,228.1**	**3,394.0**	**3,499.3**	**3,732.4**	**3,912.0**	**4,198.2**	**4,312.3**	**4,411.4**	**100.0**
Oil	567.4	597.5	625.3	670.0	681.2	702.3	717.2	793.3	785.5	815.0	18.5
Gas	178.7	207.4	244.9	263.1	282.4	319.5	319.6	344.1	369.2	376.6	8.5
Coal	1,897.6	1,931.8	1,982.1	2,056.2	2,112.1	2,249.2	2,389.5	2,540.6	2,582.6	2,585.3	58.6
Nuclear	55.6	64.7	76.7	90.8	95.4	106.2	108.9	113.3	117.5	126.4	2.9
Hydro	99.2	100.2	103.1	109.4	113.8	112.4	113.5	107.7	119.5	122.5	2.8
Biomass	118.8	124.1	127.7	128.4	128.9	133.9	135.6	146.8	153.2	159.8	3.6
Other renewables	25.7	34.7	46.7	54.2	62.6	84.4	102.3	126.4	157.9	197.8	4.5
Electricity balance of trade*	21.3	21.9	21.5	21.9	23.0	24.4	25.5	26.1	27.1	28.0	0.6
Total final consumption, by source	**1,919.2**	**1,946.4**	**2,009.4**	**2,053.0**	**2,126.9**	**2,258.8**	**2,324.7**	**2,499.6**	**2,609.2**	**2,712.2**	**100.0**
Oil	488.9	509.5	524.0	546.4	557.4	602.2	597.0	662.0	663.9	675.0	24.9
Gas	128.2	146.9	175.6	187.8	202.9	227.7	225.3	248.2	266.3	270.2	10.0
Coal	649.8	591.8	555.2	532.9	545.9	517.8	538.0	554.5	563.9	577.1	21.3
Electricity	437.9	474.4	516.1	538.8	561.6	619.0	646.0	692.0	739.0	776.0	28.6
Heat	112.4	118.8	130.0	136.9	148.1	175.5	200.1	215.4	243.2	274.9	10.1
Biomass	102.0	105.0	108.5	110.2	111.1	116.6	118.2	127.4	132.8	138.9	5.1
Electricity generation, by source	**527.5**	**568.0**	**616.3**	**645.3**	**669.0**	**733.9**	**761.0**	**813.3**	**867.7**	**909.4**	**100.0**
Oil	1.0	0.9	1.1	1.0	1.0	1.1	1.1	1.2	1.2	1.2	0.1
Gas	17.7	19.1	19.2	22.7	23.2	25.3	25.6	27.3	29.4	30.8	3.4
Coal	360.2	385.6	414.7	422.6	431.5	470.0	476.8	507.3	514.6	508.8	55.9
Nuclear	18.3	21.3	25.3	30.0	31.5	35.0	35.9	37.4	38.8	41.7	4.6
Hydro	101.8	103.0	105.9	112.2	116.5	115.2	116.3	110.6	122.6	125.7	13.8
Biomass	2.7	3.2	3.3	2.6	2.7	2.9	3.0	3.1	3.3	3.4	0.4
Wind	20.4	25.6	31.5	34.9	40.1	56.4	65.6	76.2	85.7	96.9	10.7
Solar	5.3	9.1	15.3	19.3	22.4	28.0	36.7	50.2	72.2	100.9	11.1
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**1,919.2**	**1,946.4**	**2,009.4**	**2,053.0**	**2,126.9**	**2,258.8**	**2,324.7**	**2,499.6**	**2,609.2**	**2,712.2**	**100.0**
Industry	925.3	922.5	952.5	959.3	990.8	1,043.7	1,072.6	1,129.0	1,174.1	1,207.8	44.5
Transport	301.4	317.3	328.5	339.9	326.5	357.8	337.2	371.8	378.3	378.2	13.9
Residential/Comercial	445.4	460.1	471.9	476.9	491.5	521.6	540.9	564.9	600.2	628.2	23.2
Oil final consumption, by sector	**488.9**	**509.5**	**524.0**	**546.4**	**557.4**	**602.2**	**597.0**	**662.0**	**663.9**	**675.0**	**100.0**
Industry	35.4	36.7	38.7	45.5	41.6	39.6	39.3	48.2	48.2	48.9	7.2
Transport	260.5	271.8	281.1	287.8	273.6	302.4	283.4	314.1	314.5	308.2	45.7
Residential/Comercial	59.3	60.9	58.1	54.0	52.9	52.5	51.4	50.7	51.8	51.4	7.6
Natural gas final consumption, by sector	**128.2**	**146.9**	**175.6**	**187.8**	**202.9**	**227.7**	**225.3**	**248.2**	**266.3**	**270.2**	**100.0**
Industry	56.2	70.2	94.2	102.5	111.3	131.4	128.5	142.6	153.0	155.2	57.4
Transport	20.2	22.6	23.0	26.4	27.9	28.8	26.8	28.1	30.2	30.6	11.3
Residential/Comercial	41.0	45.1	49.8	50.4	54.9	58.5	58.6	61.1	65.6	66.5	24.6
Refined products consumption	**485.8**	**508.9**	**523.3**	**545.8**	**555.7**	**600.1**	**596.3**	**661.7**	**663.6**	**674.7**	**100.0**
Gasoline	124.2	129.0	137.5	142.6	133.7	148.9	137.6	147.5	150.4	148.9	22.1
Diesel	167.1	166.8	163.3	147.8	141.6	155.4	167.6	178.5	172.7	168.8	25.0
Heating Oil	7.8	9.7	8.5	16.6	16.4	19.5	20.5	18.2	15.4	12.5	1.9
Aviation Jet	20.9	23.7	26.0	33.3	30.5	32.2	17.0	32.2	35.8	35.9	5.3
LPG	43.7	49.0	51.6	49.0	48.3	52.8	58.9	67.3	71.6	71.5	10.6
Imports	**505.3**	**568.1**	**642.3**	**697.8**	**734.7**	**731.6**	**717.0**	**811.3**	**816.3**	**836.6**	**100.0**
Oil	442.7	488.8	537.8	591.0	622.7	597.5	596.2	678.7	670.6	694.9	83.1
Gas	62.6	79.4	104.5	106.8	112.0	134.2	120.8	132.6	145.7	141.6	16.9
Gasoline	0.2	0.0	0.5	0.4	0.5	0.4	0.0	0.0	0.0	0.0	0.0
Diesel	0.9	0.8	0.7	1.5	1.4	1.0	1.0	0.7	0.7	1.3	0.2
Heating Oil	11.3	13.0	16.0	19.5	16.9	18.4	17.5	32.0	34.0	30.8	3.7
Aviation Jet	3.7	4.0	4.3	9.0	5.2	4.0	3.5	4.0	4.2	4.2	0.5
LPG	18.5	21.1	21.6	23.2	22.1	27.3	29.6	35.9	39.3	40.1	4.8
Exports	**59.6**	**65.3**	**69.9**	**76.8**	**72.3**	**72.0**	**71.0**	**63.1**	**59.0**	**62.6**	**100.0**
Oil	56.7	62.4	67.1	73.9	68.2	67.6	66.3	58.0	54.2	57.4	91.7
Gas	2.9	3.0	2.8	2.9	4.1	4.4	4.7	5.2	4.8	5.2	8.3
Gasoline	10.2	11.1	13.5	17.2	16.8	15.3	13.2	12.9	10.2	8.4	13.5
Diesel	15.7	17.5	18.8	21.7	20.1	17.5	17.5	11.1	6.4	5.4	8.6
Heating Oil	9.5	10.6	11.8	10.7	15.2	18.8	17.9	19.0	18.7	20.8	33.3
Aviation Jet	14.0	14.0	15.6	18.7	10.5	9.1	11.7	9.1	10.9	12.6	20.1
LPG	1.5	1.5	1.2	1.5	1.0	1.1	1.0	1.0	1.4	1.2	2.0
CO_2 Emissions *(Million tons CO_2)*	**9,088.5**	**9,324.9**	**9,721.8**	**9,877.3**	**9,980.9**	**10,591.4**	**10,798.6**	**11,314.6**	**11,423.9**	**11,353.6**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**458.2**	**439.8**	**429.5**	**411.4**	**406.2**	**397.0**	**392.5**	**390.1**	**375.2**	**355.8**	**-**
Final energy intensity *(toe/million $15ppp)*	**86.8**	**82.6**	**79.6**	**76.0**	**75.6**	**73.9**	**72.8**	**73.0**	**72.5**	**71.1**	**-**
Total energy intensity *(toe/million $15ppp)*	**149.4**	**145.4**	**142.6**	**141.4**	**142.4**	**139.9**	**142.2**	**144.8**	**141.6**	**138.3**	**-**

**Heat is included*

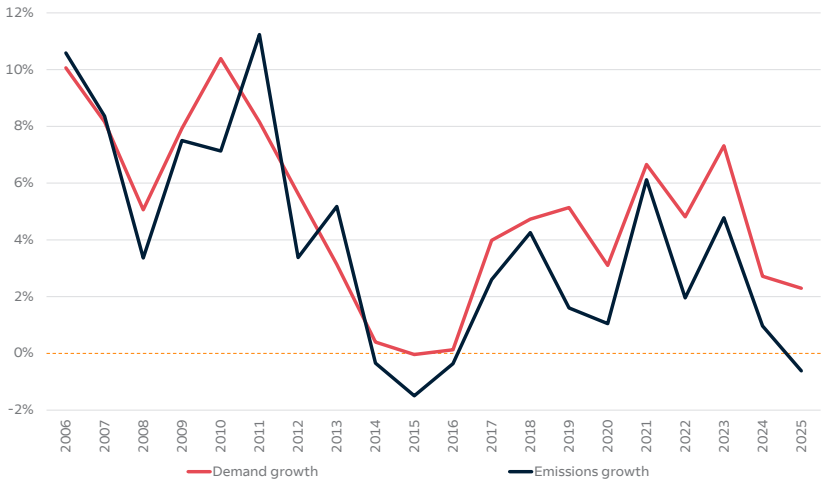
Primary energy demand mix



Electricity generation by source



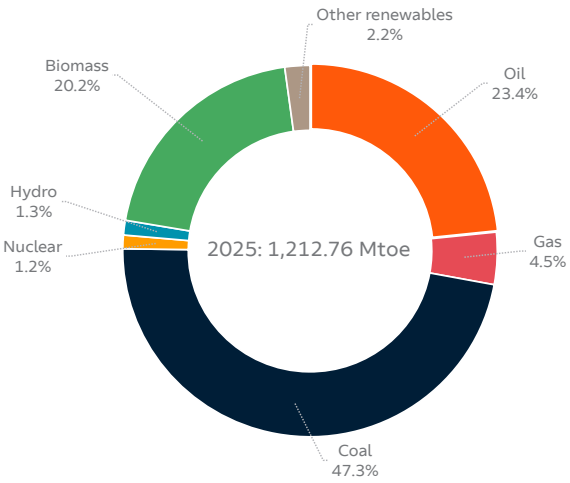
Primary energy demand and CO_2 emissions growth



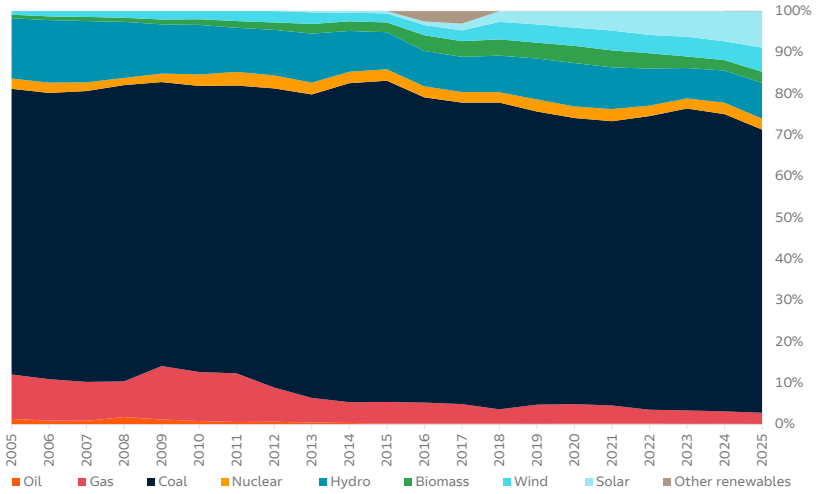
India *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**899.1**	**947.2**	**985.7**	**989.6**	**942.8**	**1,013.0**	**1,102.1**	**1,170.4**	**1,201.3**	**1,212.8**	**100.0**
Oil	225.1	237.4	233.3	236.0	214.9	223.0	247.6	269.7	277.9	283.0	23.3
Gas	47.8	48.9	51.7	51.1	51.0	53.2	49.0	53.9	56.7	55.0	4.5
Coal	401.3	420.7	454.1	450.6	419.7	470.4	526.0	567.9	576.3	572.8	47.2
Nuclear	9.9	10.0	9.9	12.1	11.2	12.3	12.0	12.5	14.8	14.4	1.2
Hydro	10.5	10.9	11.6	13.4	13.8	14.0	14.0	12.4	13.8	15.5	1.3
Biomass	196.6	209.3	215.4	215.1	220.0	225.7	236.4	234.6	239.7	244.4	20.2
Other renewables	4.1	5.4	8.9	10.4	11.1	13.1	15.9	18.5	21.0	26.2	2.2
Electricity balance of trade*	3.7	4.6	0.7	0.8	1.2	1.4	1.2	1.1	1.2	1.6	0.1
Total final consumption, by source	**644.3**	**671.8**	**699.1**	**708.1**	**681.6**	**708.6**	**750.8**	**803.9**	**820.5**	**835.5**	**100.0**
Oil	184.4	195.9	199.7	201.8	185.1	198.0	207.4	222.6	224.0	227.2	27.2
Gas	27.1	27.4	27.7	30.1	29.8	36.7	37.3	43.2	44.7	44.7	5.3
Coal	170.5	175.5	189.7	183.0	177.6	177.1	184.4	207.8	207.6	215.8	25.8
Electricity	91.7	97.2	99.6	111.1	101.7	103.8	120.7	129.4	136.3	137.8	16.5
Heat	0.7	0.8	1.0	1.1	1.2	1.4	1.4	1.6	1.6	1.7	0.2
Biomass	169.8	175.0	181.4	181.0	186.2	191.6	199.4	199.2	206.1	208.3	24.9
Electricity generation, by source	**123.2**	**128.2**	**130.9**	**135.6**	**131.9**	**138.5**	**156.2**	**168.3**	**177.0**	**178.6**	**100.0**
Oil	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
Gas	6.3	6.1	4.5	6.3	6.3	6.1	5.3	5.5	5.3	4.8	2.7
Coal	91.0	93.5	97.1	96.1	91.2	95.3	111.0	122.9	127.3	122.3	68.5
Nuclear	3.3	3.3	3.3	4.0	3.7	4.1	3.9	4.1	4.9	4.7	2.7
Hydro	10.5	10.9	11.6	13.4	13.8	14.0	14.0	12.4	13.8	15.5	8.7
Biomass	4.7	4.9	5.1	5.2	5.5	5.7	5.8	4.7	4.4	4.8	2.7
Wind	3.1	3.3	5.5	6.0	5.8	6.6	6.9	8.0	8.0	10.4	5.8
Solar	1.1	2.1	3.4	4.3	5.3	6.5	9.0	10.4	12.9	15.8	8.8
Other renewables	3.1	3.9	0.0	0.0	-0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**644.3**	**671.8**	**699.1**	**708.1**	**681.6**	**708.6**	**750.8**	**803.9**	**820.5**	**835.5**	**100.0**
Industry	283.5	300.6	320.3	320.2	311.4	313.1	329.6	364.4	370.2	377.6	45.2
Transport	105.7	115.0	119.0	121.3	107.2	116.7	134.8	139.0	144.7	150.8	18.1
Residential/Comercial	182.0	183.2	185.2	189.5	186.3	193.5	205.6	208.3	221.1	225.2	27.0
Oil final consumption, by sector	**184.4**	**195.9**	**199.7**	**201.8**	**185.1**	**198.0**	**207.4**	**222.6**	**224.0**	**227.2**	**100.0**
Industry	22.2	24.5	22.1	22.1	18.7	17.7	18.2	20.2	22.1	20.8	9.2
Transport	100.3	108.9	112.2	113.4	99.4	106.7	122.9	125.5	130.4	136.2	59.9
Residential/Comercial	28.1	28.5	29.9	30.6	31.4	31.9	31.2	32.2	33.8	35.8	15.7
Natural gas final consumption, by sector	**27.1**	**27.4**	**27.7**	**30.1**	**29.8**	**36.7**	**37.3**	**43.2**	**44.7**	**44.7**	**100.0**
Industry	6.2	6.1	6.5	7.4	7.1	12.0	11.4	14.3	15.2	14.9	33.4
Transport	3.5	4.1	4.4	5.1	4.3	5.6	6.6	7.3	8.1	8.1	18.0
Residential/Comercial	0.6	0.7	0.8	0.9	0.8	1.0	1.0	1.1	1.0	1.1	2.4
Refined products consumption	**184.4**	**195.9**	**199.7**	**201.8**	**185.1**	**198.0**	**207.4**	**222.6**	**224.0**	**227.2**	**100.0**
Gasoline	24.0	26.0	27.5	29.6	27.4	29.8	33.9	35.1	37.7	40.1	17.7
Diesel	76.4	81.1	82.9	82.2	72.4	76.0	84.9	87.5	89.4	92.8	40.8
Heating Oil	6.5	6.2	6.0	5.7	6.1	5.7	6.3	6.1	5.9	5.8	2.6
Aviation Jet	2.2	4.1	4.4	4.3	2.6	3.5	4.6	4.7	5.1	5.2	2.3
LPG	23.8	25.7	27.4	29.0	30.3	31.1	31.4	32.6	34.5	36.5	16.1
Imports	**277.7**	**298.7**	**295.9**	**299.8**	**270.6**	**283.5**	**302.5**	**330.2**	**345.1**	**349.7**	**100.0**
Oil	256.4	276.8	271.7	274.0	242.9	258.1	281.7	306.2	318.2	323.5	92.5
Gas	21.4	21.8	24.2	25.7	27.7	25.4	20.8	23.9	26.9	26.2	7.5
Gasoline	0.5	0.2	0.7	2.3	1.4	0.7	1.1	0.8	0.2	0.0	0.0
Diesel	1.0	1.4	0.6	2.8	0.7	0.1	0.3	0.0	0.0	0.0	0.0
Heating Oil	0.9	1.2	1.4	4.4	6.2	8.7	8.2	8.7	7.4	5.1	1.5
Aviation Jet	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	12.1	12.5	14.6	16.3	18.1	18.8	20.1	20.4	22.7	24.8	7.1
Exports	**66.7**	**76.0**	**72.5**	**70.0**	**60.1**	**67.1**	**62.8**	**64.4**	**67.0**	**66.2**	**100.0**
Oil	66.7	76.0	72.5	70.0	60.1	67.1	62.8	64.4	67.0	66.2	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	16.2	14.8	13.5	13.4	12.2	14.2	13.8	14.2	16.6	18.3	27.7
Diesel	27.9	30.2	28.4	32.2	31.1	33.0	29.0	28.7	28.5	28.6	43.2
Heating Oil	2.2	2.4	2.1	1.5	1.1	1.6	1.8	2.0	2.3	1.9	2.9
Aviation Jet	7.7	7.7	7.9	7.4	3.8	5.5	7.7	9.1	9.1	7.7	11.7
LPG	0.3	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	1.0
CO_2 Emissions *(Million tons CO_2)*	**2,304.9**	**2,476.8**	**2,640.1**	**2,625.1**	**2,422.9**	**2,565.7**	**2,793.3**	**3,188.4**	**3,284.3**	**3,290.1**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**295.5**	**297.4**	**297.7**	**285.0**	**279.2**	**269.5**	**272.7**	**285.1**	**275.8**	**256.7**	**-**
Final energy intensity *(toe/million $15ppp)*	**76.7**	**75.2**	**73.5**	**71.6**	**72.7**	**68.5**	**68.4**	**66.4**	**64.3**	**61.2**	**-**
Total energy intensity *(toe/million $15ppp)*	**115.3**	**113.7**	**111.2**	**107.4**	**108.6**	**106.4**	**107.6**	**104.6**	**100.9**	**94.6**	**-**

**Heat is included*

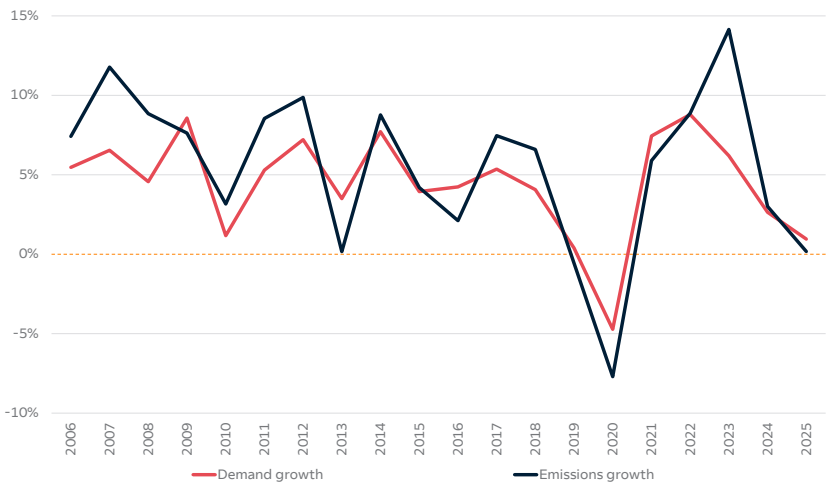
Primary energy demand mix



Electricity generation by source



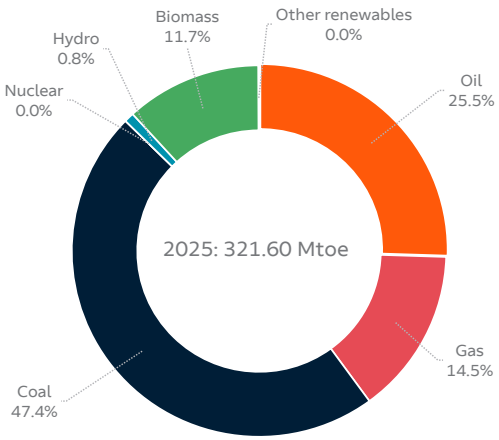
Primary energy demand and CO_2 emissions growth



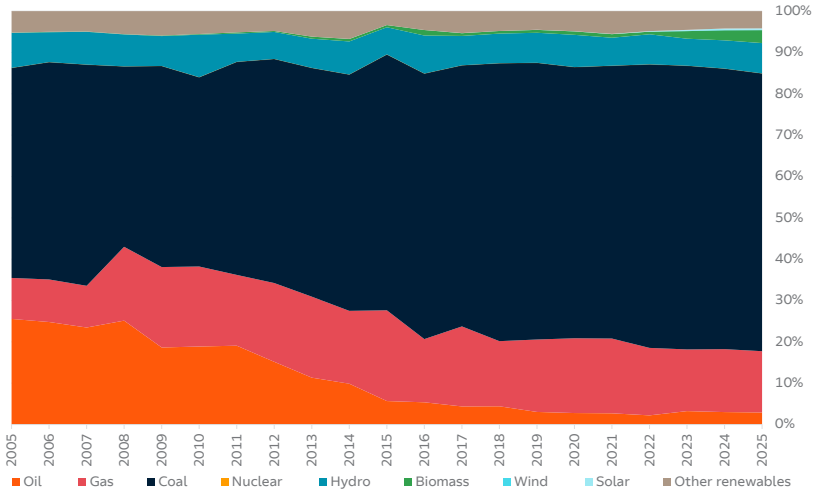
Indonesia *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**188.6**	**183.1**	**217.2**	**238.9**	**228.1**	**230.7**	**284.6**	**287.0**	**305.0**	**321.6**	**100.0**
Oil	72.9	77.2	75.8	76.4	68.7	71.1	75.7	73.5	75.0	78.3	24.3
Gas	38.8	38.3	38.7	38.3	41.5	40.2	40.7	41.9	43.5	44.4	13.8
Coal	49.5	39.6	68.9	89.4	79.1	76.9	122.1	122.5	135.9	145.4	45.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.8	1.6	1.7	1.8	1.9	1.7	2.2	2.1	2.3	2.6	0.8
Biomass	16.4	15.2	21.0	22.2	25.4	27.1	29.5	32.3	33.7	36.0	11.2
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0
Electricity balance of trade*	9.2	11.2	11.0	10.9	11.6	13.7	14.3	14.6	14.4	14.8	4.6
Total final consumption, by source	**122.0**	**127.8**	**156.9**	**163.0**	**155.8**	**151.3**	**206.4**	**213.1**	**226.9**	**238.4**	**100.0**
Oil	62.8	67.4	74.5	72.3	64.2	65.0	78.2	75.0	77.9	79.5	33.3
Gas	17.0	18.0	19.8	20.9	19.0	19.7	19.1	20.8	22.4	22.6	9.5
Coal	8.3	7.3	19.5	25.5	26.3	18.3	54.8	59.2	65.8	72.1	30.2
Electricity	18.6	21.0	21.7	22.2	21.5	22.2	25.3	27.5	28.8	30.2	12.7
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	15.4	14.0	21.4	22.2	24.6	26.1	29.0	30.6	32.1	34.1	14.3
Electricity generation, by source	**20.1**	**22.6**	**23.7**	**24.2**	**23.8**	**24.9**	**29.6**	**32.3**	**34.3**	**35.4**	**100.0**
Oil	1.1	1.0	1.0	0.7	0.7	0.7	0.7	1.1	1.0	1.0	2.9
Gas	3.1	4.4	3.7	4.2	4.3	4.5	4.8	4.8	5.2	5.2	14.8
Coal	12.9	14.3	15.9	16.2	15.6	16.4	20.3	22.1	23.3	23.8	67.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.8	1.6	1.7	1.8	1.9	1.7	2.2	2.1	2.3	2.6	7.4
Biomass	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.6	0.8	1.1	3.1
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3
Other renewables	0.9	1.2	1.1	1.1	1.2	1.4	1.4	1.5	1.4	1.5	4.2
Total final consumption, by sector	**122.0**	**127.8**	**156.9**	**163.0**	**155.8**	**151.3**	**206.4**	**213.1**	**226.9**	**238.4**	**100.0**
Industry	41.1	46.1	62.9	65.2	69.1	63.0	103.8	112.9	122.9	131.4	55.1
Transport	46.1	47.7	55.9	56.4	51.1	52.6	63.2	58.8	60.7	61.7	25.9
Residential/Comercial	26.4	26.7	30.5	31.1	27.5	28.1	29.4	30.6	31.7	32.9	13.8
Oil final consumption, by sector	**62.8**	**67.4**	**74.5**	**72.3**	**64.2**	**65.0**	**78.2**	**75.0**	**77.9**	**79.5**	**100.0**
Industry	7.4	9.3	11.0	9.0	8.7	8.8	10.2	11.6	12.2	12.9	16.2
Transport	44.0	45.9	51.6	50.8	45.0	45.6	55.0	50.0	51.3	51.8	65.2
Residential/Comercial	8.0	9.0	8.9	9.0	8.7	8.9	9.7	9.9	10.2	10.5	13.1
Natural gas final consumption, by sector	**17.0**	**18.0**	**19.8**	**20.9**	**19.0**	**19.7**	**19.1**	**20.8**	**22.4**	**22.6**	**100.0**
Industry	11.8	13.7	15.0	14.4	13.6	14.1	13.6	15.4	16.9	17.0	75.3
Transport	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.3
Residential/Comercial	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8
Refined products consumption	**62.8**	**67.4**	**74.5**	**72.3**	**64.2**	**65.0**	**78.2**	**75.0**	**77.9**	**79.5**	**100.0**
Gasoline	25.6	26.4	26.2	26.9	26.1	25.5	30.8	27.2	27.7	28.1	35.3
Diesel	19.4	20.2	27.7	26.6	22.0	23.9	27.5	28.4	29.7	29.5	37.1
Heating Oil	1.8	1.9	2.0	1.5	1.2	1.2	2.3	1.7	1.8	1.9	2.3
Aviation Jet	2.9	3.6	3.4	2.9	1.9	1.7	2.4	2.8	2.9	3.1	4.0
LPG	7.3	8.2	8.3	8.5	8.2	8.7	9.6	9.7	9.9	10.3	13.0
Imports	**48.9**	**51.2**	**50.1**	**41.9**	**34.7**	**40.1**	**49.8**	**51.3**	**53.9**	**55.6**	**100.0**
Oil	48.9	51.2	50.1	41.9	34.7	40.1	49.8	51.3	53.9	55.6	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	13.1	14.4	14.8	15.4	12.5	14.0	19.0	16.8	17.3	17.2	31.0
Diesel	4.9	5.8	5.8	3.9	2.8	2.8	4.5	5.1	7.2	5.4	9.7
Heating Oil	0.5	0.4	0.8	0.3	0.2	0.2	0.1	0.2	0.1	0.1	0.2
Aviation Jet	0.9	1.8	1.3	0.2	0.0	0.0	0.4	0.2	1.5	1.4	2.5
LPG	4.9	6.0	6.1	6.3	6.7	7.0	7.4	7.6	7.6	8.2	14.8
Exports	**42.3**	**37.7**	**34.1**	**23.5**	**23.4**	**25.5**	**21.4**	**23.8**	**23.7**	**22.2**	**100.0**
Oil	20.1	17.0	13.4	6.9	8.5	9.4	7.4	9.7	9.6	9.1	41.0
Gas	22.2	20.7	20.6	16.6	14.9	16.1	14.1	14.1	14.1	13.1	59.0
Gasoline	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.4	0.3	0.0	0.2
Diesel	0.1	0.1	0.1	0.2	0.1	0.0	0.3	1.0	0.2	0.9	4.2
Heating Oil	1.8	2.1	2.0	2.2	2.4	1.7	4.2	4.8	4.7	4.1	18.6
Aviation Jet	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0
LPG	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**450.5**	**475.3**	**584.4**	**623.2**	**599.5**	**576.3**	**793.0**	**791.5**	**856.0**	**893.4**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**163.4**	**164.1**	**191.8**	**194.8**	**191.3**	**177.3**	**231.7**	**220.2**	**226.7**	**225.1**	**-**
Final energy intensity *(toe/million $15ppp)*	**41.6**	**42.0**	**49.4**	**48.1**	**47.6**	**44.6**	**57.9**	**56.8**	**57.6**	**57.5**	**-**
Total energy intensity *(toe/million $15ppp)*	**68.4**	**63.2**	**71.3**	**74.7**	**72.8**	**71.0**	**83.2**	**79.8**	**80.8**	**81.0**	**-**

**Heat is included*

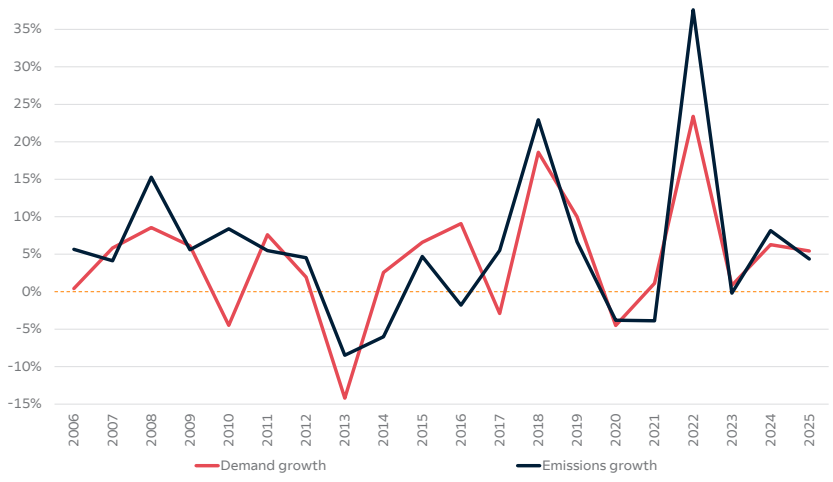
Primary energy demand mix



Electricity generation by source



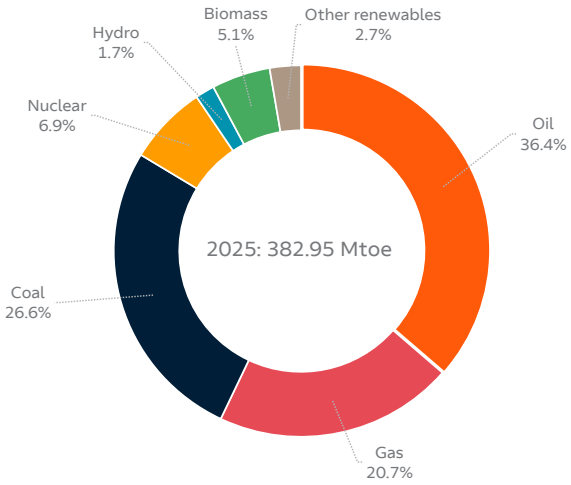
Primary energy demand and CO_2 emissions growth



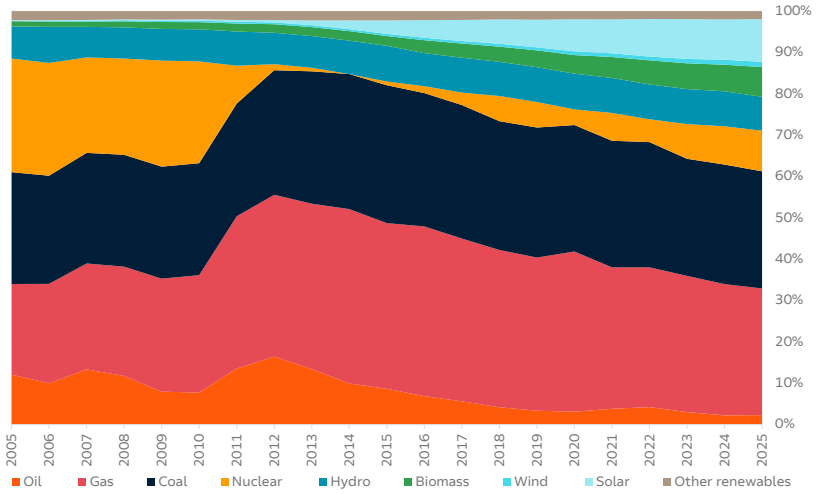
Japan *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**438.2**	**441.4**	**435.1**	**425.1**	**396.1**	**412.7**	**403.8**	**389.4**	**386.5**	**382.9**	**100.0**
Oil	179.3	178.4	168.5	163.3	150.2	153.0	153.4	144.1	139.6	137.6	35.9
Gas	104.4	101.6	97.4	93.7	93.8	88.6	85.0	81.9	80.4	78.3	20.4
Coal	120.7	121.2	119.4	117.6	107.8	116.0	113.9	103.8	103.9	100.7	26.3
Nuclear	4.7	8.6	16.9	16.6	10.1	18.5	14.6	21.9	24.4	26.2	6.8
Hydro	6.8	7.2	7.0	6.9	6.8	6.8	6.6	6.5	6.5	6.3	1.6
Biomass	13.4	14.8	15.7	16.0	15.5	17.2	17.2	17.6	17.6	19.2	5.0
Other renewables	4.5	5.3	6.0	6.6	7.6	8.2	8.8	9.2	9.5	10.2	2.7
Electricity balance of trade*	4.3	4.2	4.1	4.4	4.3	4.4	4.2	4.6	4.6	4.5	1.2
Total final consumption, by source	**289.2**	**292.8**	**285.8**	**280.2**	**264.1**	**265.6**	**258.0**	**249.9**	**245.6**	**244.2**	**100.0**
Oil	150.0	150.3	145.7	142.3	131.9	130.6	127.1	123.4	118.1	116.7	47.8
Gas	28.3	29.6	29.1	29.2	26.9	28.2	27.1	26.0	26.7	26.9	11.0
Coal	22.0	22.7	22.1	21.6	19.6	19.9	18.7	17.4	16.7	16.3	6.7
Electricity	81.8	83.0	81.3	79.7	78.6	79.4	77.6	75.6	76.6	76.8	31.5
Heat	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	0.4
Biomass	6.1	6.3	6.5	6.4	6.1	6.6	6.6	6.4	6.4	6.4	2.6
Electricity generation, by source	**92.1**	**92.9**	**91.7**	**89.3**	**87.5**	**90.3**	**87.5**	**86.2**	**86.7**	**87.8**	**100.0**
Oil	6.3	5.2	3.8	3.0	2.7	3.4	3.7	2.6	1.9	2.0	2.3
Gas	37.8	36.6	34.9	33.1	33.9	30.9	29.6	28.4	27.5	26.9	30.7
Coal	29.7	30.0	28.6	28.1	26.7	27.6	26.5	24.4	25.1	24.9	28.3
Nuclear	1.6	2.8	5.6	5.5	3.3	6.1	4.8	7.2	8.0	8.6	9.8
Hydro	7.4	7.8	7.6	7.5	7.5	7.6	7.4	7.3	7.3	7.2	8.2
Biomass	2.9	3.2	3.4	3.6	4.0	4.6	5.1	5.4	5.6	6.3	7.2
Wind	0.5	0.6	0.6	0.7	0.8	0.8	0.8	0.9	1.0	1.1	1.3
Solar	3.9	4.7	5.4	6.0	6.8	7.4	8.0	8.3	8.5	9.1	10.3
Other renewables	2.0	2.0	1.8	1.9	1.7	1.8	1.7	1.7	1.7	1.7	1.9
Total final consumption, by sector	**289.2**	**292.8**	**285.8**	**280.2**	**264.1**	**265.6**	**258.0**	**249.9**	**245.6**	**244.2**	**100.0**
Industry	76.7	76.9	77.9	74.5	69.9	71.8	69.6	66.9	66.4	65.7	26.9
Transport	72.3	71.6	70.5	69.4	62.3	63.0	63.8	63.9	62.4	62.1	25.4
Residential/Comercial	91.4	94.4	90.7	89.7	89.1	87.9	85.6	81.7	82.8	82.4	33.7
Oil final consumption, by sector	**150.0**	**150.3**	**145.7**	**142.3**	**131.9**	**130.6**	**127.1**	**123.4**	**118.1**	**116.7**	**100.0**
Industry	11.8	11.1	11.4	10.2	10.0	10.3	10.2	9.7	9.4	9.1	7.8
Transport	70.3	69.6	68.5	67.4	60.4	61.1	61.9	62.0	60.5	60.2	51.6
Residential/Comercial	21.7	22.3	21.7	20.5	21.1	18.8	18.6	16.7	15.9	15.0	12.9
Natural gas final consumption, by sector	**28.3**	**29.6**	**29.1**	**29.2**	**26.9**	**28.2**	**27.1**	**26.0**	**26.7**	**26.9**	**100.0**
Industry	10.8	10.8	11.4	10.8	10.2	10.7	10.6	10.3	10.3	10.3	38.4
Transport	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	17.2	18.5	17.4	18.1	16.4	17.2	16.2	15.5	16.1	16.4	60.9
Refined products consumption	**149.8**	**150.0**	**145.6**	**142.2**	**131.9**	**130.5**	**127.1**	**123.4**	**118.1**	**116.7**	**100.0**
Gasoline	40.0	39.4	38.4	37.5	34.5	33.7	33.9	33.7	33.1	33.0	28.3
Diesel	38.0	38.1	37.8	36.9	35.6	35.1	35.6	34.5	34.1	33.7	28.8
Heating Oil	4.4	4.3	4.1	4.0	3.6	3.6	3.6	3.3	2.5	2.5	2.1
Aviation Jet	4.4	4.3	4.1	4.3	2.3	2.8	3.4	3.7	3.5	3.5	3.0
LPG	11.3	11.1	12.0	11.3	10.6	10.4	10.0	9.2	9.1	9.0	7.7
Imports	**305.3**	**303.7**	**292.3**	**282.4**	**252.4**	**258.1**	**260.6**	**243.6**	**238.1**	**237.0**	**100.0**
Oil	206.1	205.4	197.6	192.4	162.6	174.1	177.6	167.2	160.8	161.4	68.1
Gas	99.2	98.2	94.7	90.0	89.8	84.1	83.0	76.3	77.4	75.6	31.9
Gasoline	0.7	0.9	1.7	1.9	2.3	2.2	1.8	2.7	3.8	3.2	1.3
Diesel	0.4	0.5	0.6	0.8	1.3	1.6	0.4	1.1	1.9	1.4	0.6
Heating Oil	2.2	2.1	1.7	0.5	0.5	1.2	1.7	0.5	0.2	1.0	0.4
Aviation Jet	0.7	1.3	1.3	1.2	0.6	0.8	0.8	1.4	1.5	1.5	0.6
LPG	11.6	11.8	11.7	11.5	11.1	11.1	11.6	10.9	10.9	11.0	4.6
Exports	**18.3**	**17.5**	**17.5**	**18.9**	**9.5**	**12.9**	**16.8**	**12.6**	**10.3**	**12.0**	**100.0**
Oil	18.3	17.5	17.5	18.9	9.5	12.9	16.8	12.6	10.3	12.0	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	2.4	2.9	2.6	2.4	1.9	3.1	3.4	3.0	2.5	2.9	24.1
Diesel	8.3	8.6	8.0	9.2	3.5	5.4	7.0	4.8	4.0	5.6	46.4
Heating Oil	2.9	2.3	2.6	2.9	1.3	1.9	2.8	2.8	2.4	3.0	24.8
Aviation Jet	2.9	2.2	2.7	2.6	0.8	1.4	1.8	0.8	0.0	0.0	0.3
LPG	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2
CO_2 Emissions *(Million tons CO_2)*	**1,127.8**	**1,116.0**	**1,078.9**	**1,044.0**	**990.1**	**1,000.1**	**976.4**	**932.8**	**921.5**	**906.5**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**215.2**	**209.5**	**201.2**	**195.5**	**193.5**	**190.3**	**184.0**	**173.3**	**171.0**	**166.3**	**-**
Final energy intensity *(toe/million $15ppp)*	**47.1**	**46.8**	**45.6**	**44.8**	**44.4**	**43.4**	**42.3**	**40.5**	**40.1**	**39.4**	**-**
Total energy intensity *(toe/million $15ppp)*	**83.6**	**82.8**	**81.1**	**79.6**	**77.4**	**78.5**	**76.1**	**72.3**	**71.7**	**70.2**	**-**

**Heat is included*

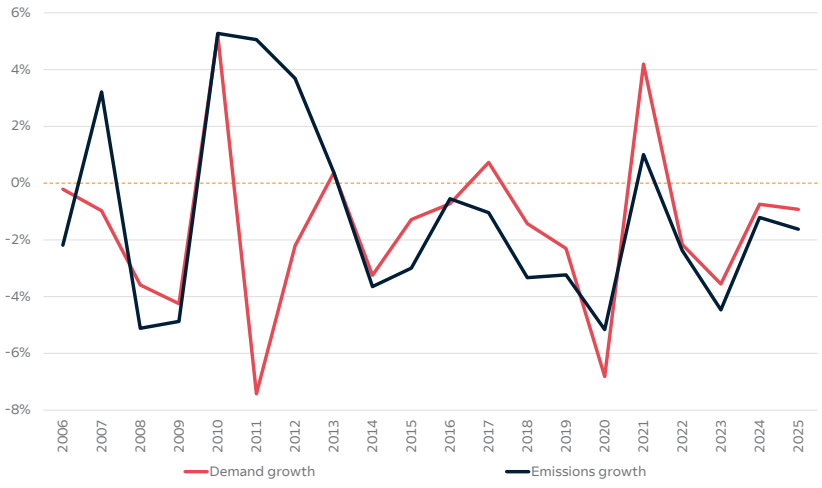
Primary energy demand mix



Electricity generation by source



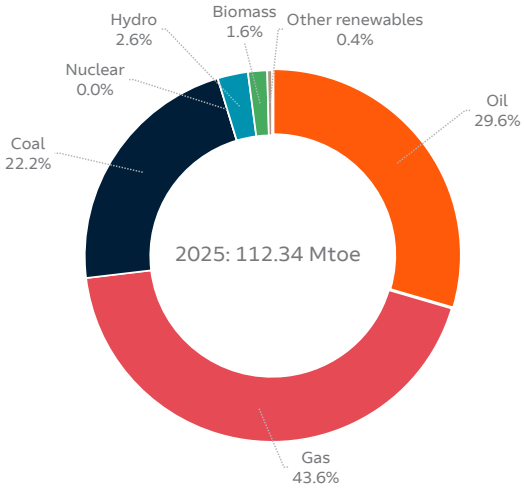
Primary energy demand and CO_2 emissions growth



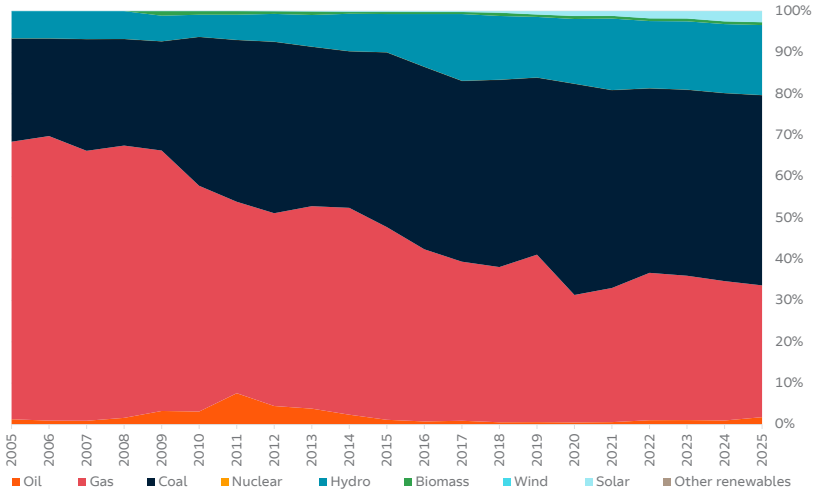
Malaysia *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**82.0**	**83.9**	**91.9**	**95.6**	**89.8**	**93.8**	**104.0**	**104.8**	**109.8**	**112.3**	**100.0**
Oil	28.1	29.1	29.1	31.3	24.2	23.7	29.1	31.9	33.5	33.2	29.6
Gas	32.1	30.8	36.8	39.2	36.6	42.6	45.8	44.2	47.3	49.0	43.6
Coal	18.9	20.8	22.3	21.2	24.9	22.9	24.0	23.6	23.9	25.0	22.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.7	2.3	2.3	2.3	2.3	2.7	2.7	2.7	2.9	2.9	2.6
Biomass	1.2	1.0	1.4	1.6	1.7	1.8	2.2	2.2	1.8	1.9	1.6
Other renewables	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.4
Electricity balance of trade*	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Total final consumption, by source	**54.4**	**59.3**	**60.7**	**65.1**	**57.5**	**57.0**	**59.7**	**62.1**	**65.3**	**67.9**	**100.0**
Oil	28.2	28.8	27.9	30.4	25.7	23.7	27.5	28.6	30.0	30.9	45.5
Gas	11.1	15.1	17.0	18.6	16.6	17.8	15.3	15.3	16.8	17.9	26.4
Coal	1.8	1.8	1.9	1.2	0.7	0.8	0.8	0.8	0.7	0.8	1.2
Electricity	12.4	12.6	13.1	13.6	13.1	13.4	14.5	15.7	16.5	16.9	24.8
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.9	0.9	0.9	1.2	1.3	1.4	1.7	1.8	1.3	1.4	2.1
Electricity generation, by source	**13.5**	**14.1**	**14.7**	**15.3**	**15.0**	**15.5**	**16.9**	**16.6**	**17.3**	**17.4**	**100.0**
Oil	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	1.8
Gas	5.6	5.4	5.5	6.2	4.6	5.0	6.0	5.8	5.8	5.5	31.9
Coal	5.9	6.2	6.6	6.6	7.7	7.4	7.5	7.5	7.9	8.0	46.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.7	2.3	2.3	2.3	2.3	2.7	2.7	2.7	2.9	2.9	16.9
Biomass	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	2.7
Other renewables	0.0	0.0	0.0	0.0	0.0	-0.0	0.0	-0.0	-0.0	0.0	0.0
Total final consumption, by sector	**54.4**	**59.3**	**60.7**	**65.1**	**57.5**	**57.0**	**59.7**	**62.1**	**65.3**	**67.9**	**100.0**
Industry	15.3	16.6	18.1	18.7	17.3	18.8	18.9	19.0	20.2	21.3	31.3
Transport	21.3	20.7	20.7	22.6	17.9	17.4	22.1	22.9	23.8	24.4	36.0
Residential/Comercial	8.6	8.9	8.3	8.6	8.7	8.6	9.1	10.3	10.7	10.9	16.1
Oil final consumption, by sector	**28.2**	**28.8**	**27.9**	**30.4**	**25.7**	**23.7**	**27.5**	**28.6**	**30.0**	**30.9**	**100.0**
Industry	2.3	2.5	2.3	3.1	2.8	2.7	2.1	2.2	2.3	2.4	7.9
Transport	20.7	20.2	20.2	21.9	17.0	16.5	20.8	21.6	22.7	23.4	75.7
Residential/Comercial	1.5	1.9	1.2	1.2	1.5	1.5	1.4	1.4	1.5	1.6	5.1
Natural gas final consumption, by sector	**11.1**	**15.1**	**17.0**	**18.6**	**16.6**	**17.8**	**15.3**	**15.3**	**16.8**	**17.9**	**100.0**
Industry	5.4	6.1	7.4	7.7	7.4	8.7	8.7	8.7	9.6	10.2	57.1
Transport	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2
Residential/Comercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Refined products consumption	**28.2**	**28.8**	**27.9**	**30.4**	**25.7**	**23.7**	**27.5**	**28.6**	**30.0**	**30.9**	**100.0**
Gasoline	13.4	13.4	13.0	13.8	11.2	10.5	13.8	14.3	15.0	15.2	49.3
Diesel	8.9	9.4	9.3	10.6	8.5	8.8	9.0	9.3	9.8	10.0	32.4
Heating Oil	0.5	0.6	0.4	0.4	0.3	0.3	0.4	0.4	0.5	0.6	1.9
Aviation Jet	0.6	0.7	0.6	0.8	0.3	0.2	0.6	0.7	0.7	0.9	3.0
LPG	3.5	3.6	3.3	3.1	3.5	2.7	2.7	2.8	2.9	3.0	9.8
Imports	**32.3**	**29.6**	**35.2**	**36.4**	**29.2**	**33.7**	**40.1**	**41.0**	**42.5**	**39.7**	**100.0**
Oil	26.1	23.3	28.9	29.1	20.7	25.7	29.6	33.2	33.8	33.1	83.6
Gas	6.1	6.3	6.3	7.3	8.5	8.0	10.4	7.8	8.8	6.5	16.4
Gasoline	8.6	5.2	10.6	8.8	6.9	11.1	7.6	7.3	7.8	7.5	18.8
Diesel	3.9	5.2	6.9	6.2	2.8	5.7	4.3	5.1	4.3	3.4	8.5
Heating Oil	0.0	0.2	0.1	0.1	0.2	0.0	3.4	2.6	2.7	2.8	7.0
Aviation Jet	1.5	1.2	0.6	0.6	0.8	0.4	1.5	1.5	1.3	1.6	4.0
LPG	0.5	0.4	0.5	0.4	0.5	0.4	0.4	0.4	0.8	0.6	1.6
Exports	**57.5**	**53.4**	**55.1**	**56.3**	**52.4**	**57.1**	**55.7**	**53.7**	**51.9**	**47.8**	**100.0**
Oil	32.0	25.6	30.5	26.8	25.0	31.2	24.6	23.9	22.3	22.1	46.4
Gas	25.5	27.8	24.6	29.5	27.3	25.9	31.1	29.8	29.6	25.6	53.6
Gasoline	0.5	0.3	3.1	0.3	1.8	7.8	0.6	0.6	0.6	0.7	1.4
Diesel	4.7	4.9	6.8	5.2	3.9	5.3	2.9	3.0	3.0	2.4	5.0
Heating Oil	0.6	0.6	1.3	0.4	0.4	0.6	3.6	2.9	2.9	2.7	5.6
Aviation Jet	1.1	1.4	0.9	0.7	1.2	1.6	1.5	0.8	0.8	0.8	1.8
LPG	0.4	0.2	0.5	0.6	0.3	0.8	1.1	1.3	1.3	1.3	2.7
CO_2 Emissions *(Million tons CO_2)*	**219.1**	**220.6**	**221.6**	**231.7**	**226.0**	**225.7**	**253.5**	**252.6**	**263.9**	**273.7**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**273.8**	**260.5**	**249.6**	**250.0**	**257.9**	**249.3**	**257.2**	**247.5**	**246.0**	**242.6**	**-**
Final energy intensity *(toe/million $15ppp)*	**57.0**	**55.8**	**54.3**	**54.8**	**51.1**	**50.7**	**52.0**	**52.4**	**52.2**	**51.4**	**-**
Total energy intensity *(toe/million $15ppp)*	**102.5**	**99.1**	**103.5**	**103.1**	**102.5**	**103.6**	**105.5**	**102.7**	**102.4**	**99.6**	**-**

**Heat is included*

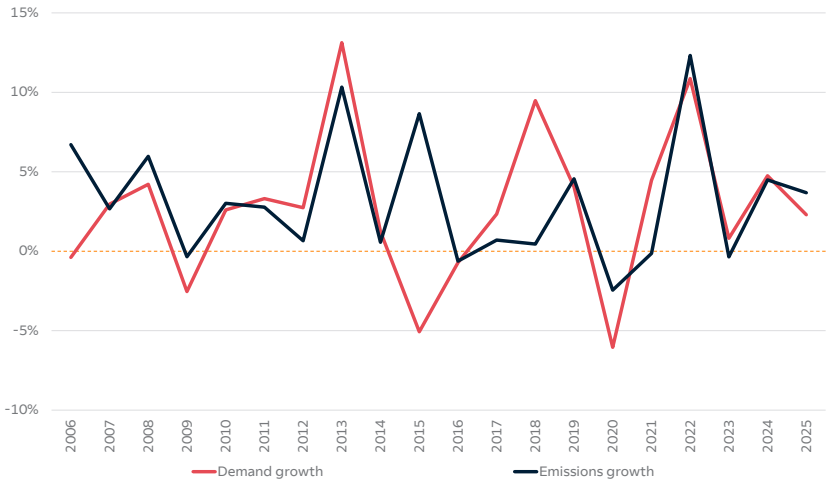
Primary energy demand mix



Electricity generation by source



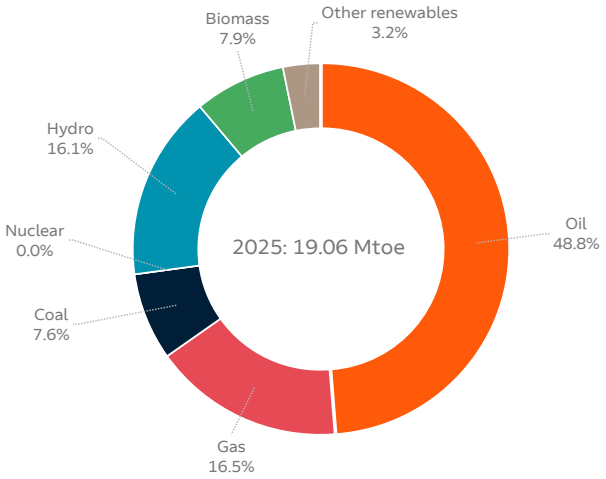
Primary energy demand and CO_2 emissions growth



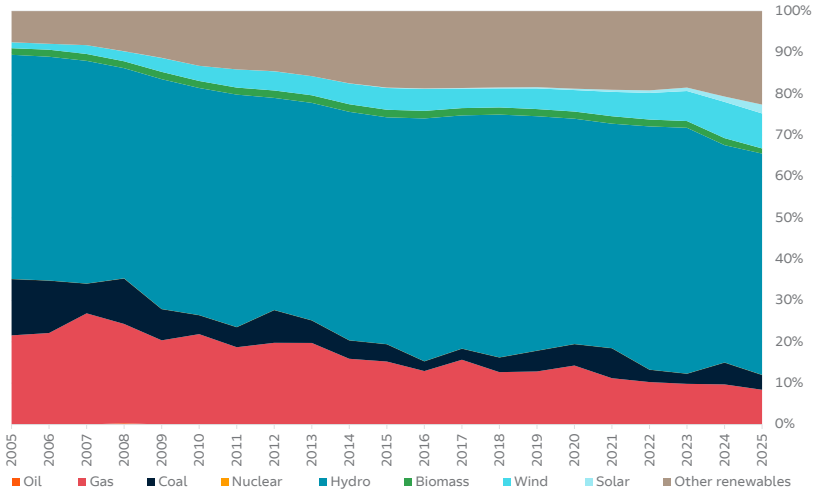
New Zealand *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**20.2**	**20.3**	**20.2**	**20.8**	**19.6**	**19.9**	**19.2**	**19.1**	**19.2**	**19.1**	**100.0**
Oil	6.6	6.7	6.9	7.1	6.4	6.8	6.4	6.5	6.3	6.3	33.1
Gas	4.2	4.2	3.8	4.0	3.9	3.3	3.2	3.2	2.6	2.1	11.2
Coal	1.2	1.2	1.2	1.4	1.3	1.5	1.0	0.9	1.3	1.0	5.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	2.2	2.2	2.3	2.2	2.1	2.1	2.3	2.3	2.0	2.1	10.9
Biomass	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	5.4
Other renewables	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	2.2
Electricity balance of trade*	4.5	4.6	4.7	4.8	4.8	4.9	4.9	4.9	5.6	6.1	32.1
Total final consumption, by source	**14.1**	**14.3**	**14.1**	**14.5**	**13.5**	**13.4**	**13.4**	**13.4**	**12.6**	**12.6**	**100.0**
Oil	6.3	6.6	6.7	6.8	6.2	6.4	6.4	6.4	6.4	6.4	50.5
Gas	2.8	2.8	2.6	2.8	2.6	2.3	2.1	2.3	1.7	1.5	11.9
Coal	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.3	0.4	3.0
Electricity	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	26.5
Heat	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.8
Biomass	0.7	0.7	0.7	0.7	0.6	0.6	0.8	0.6	0.7	0.8	6.3
Electricity generation, by source	**3.8**	**3.8**	**3.8**	**3.9**	**3.8**	**3.8**	**3.8**	**3.8**	**3.9**	**3.9**	**100.0**
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gas	0.5	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	8.4
Coal	0.1	0.1	0.1	0.2	0.2	0.3	0.1	0.1	0.2	0.1	3.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	2.2	2.2	2.3	2.2	2.1	2.1	2.3	2.3	2.0	2.1	53.5
Biomass	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	1.3
Wind	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	8.5
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	2.1
Other renewables	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.9	22.6
Total final consumption, by sector	**14.1**	**14.3**	**14.1**	**14.5**	**13.5**	**13.4**	**13.4**	**13.4**	**12.6**	**12.6**	**100.0**
Industry	4.1	4.1	4.1	4.2	3.9	3.8	3.8	3.7	3.2	3.4	26.9
Transport	4.9	5.2	5.3	5.1	4.7	4.9	4.9	4.9	5.1	5.1	40.1
Residential/Comercial	2.8	2.8	2.8	2.9	2.8	2.9	2.9	2.9	2.8	2.8	22.1
Oil final consumption, by sector	**6.3**	**6.6**	**6.7**	**6.8**	**6.2**	**6.4**	**6.4**	**6.4**	**6.4**	**6.4**	**100.0**
Industry	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.5	0.4	0.4	5.7
Transport	4.9	5.2	5.3	5.1	4.6	4.9	4.9	4.9	5.0	5.0	79.0
Residential/Comercial	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	4.1
Natural gas final consumption, by sector	**2.8**	**2.8**	**2.6**	**2.8**	**2.6**	**2.3**	**2.1**	**2.3**	**1.7**	**1.5**	**100.0**
Industry	1.2	1.3	1.2	1.4	1.2	1.1	1.1	1.1	0.9	0.8	56.3
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	18.7
Refined products consumption	**6.3**	**6.6**	**6.7**	**6.8**	**6.2**	**6.4**	**6.4**	**6.4**	**6.4**	**6.4**	**100.0**
Gasoline	2.5	2.6	2.5	2.5	2.3	2.3	2.3	2.2	2.2	2.2	34.5
Diesel	2.9	3.1	3.2	3.2	3.1	3.3	3.3	3.3	3.2	3.2	50.8
Heating Oil	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.6
Aviation Jet	0.3	0.3	0.4	0.3	0.2	0.3	0.3	0.4	0.3	0.3	4.7
LPG	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.3
Imports	**8.2**	**8.0**	**8.5**	**8.2**	**7.1**	**6.6**	**7.0**	**7.6**	**7.5**	**7.5**	**100.0**
Oil	8.2	8.0	8.5	8.2	7.1	6.6	7.0	7.6	7.5	7.5	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	1.0	1.1	1.2	1.0	1.2	1.2	2.0	2.3	2.2	2.3	30.1
Diesel	1.1	1.0	1.4	1.3	1.6	1.5	3.0	3.4	3.3	3.4	44.6
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	2.5
Aviation Jet	0.2	0.3	0.5	0.2	0.1	0.1	0.7	1.3	1.6	1.5	19.5
LPG	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.5
Exports	**1.7**	**1.6**	**1.2**	**1.2**	**0.9**	**0.8**	**1.0**	**0.8**	**0.7**	**0.7**	**100.0**
Oil	1.7	1.6	1.2	1.2	0.9	0.8	1.0	0.8	0.7	0.7	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Heating Oil	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**30.4**	**32.3**	**31.8**	**33.1**	**30.7**	**31.2**	**28.7**	**28.3**	**28.0**	**26.9**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**169.2**	**173.7**	**165.4**	**168.1**	**156.7**	**152.2**	**135.3**	**131.8**	**130.2**	**125.2**	**-**
Final energy intensity *(toe/million $15ppp)*	**69.4**	**68.9**	**66.6**	**66.1**	**61.8**	**59.9**	**58.0**	**56.8**	**54.9**	**55.3**	**-**
Total energy intensity *(toe/million $15ppp)*	**112.2**	**109.1**	**104.9**	**105.7**	**100.2**	**97.2**	**90.3**	**88.6**	**89.4**	**88.6**	**-**

**Heat is included*

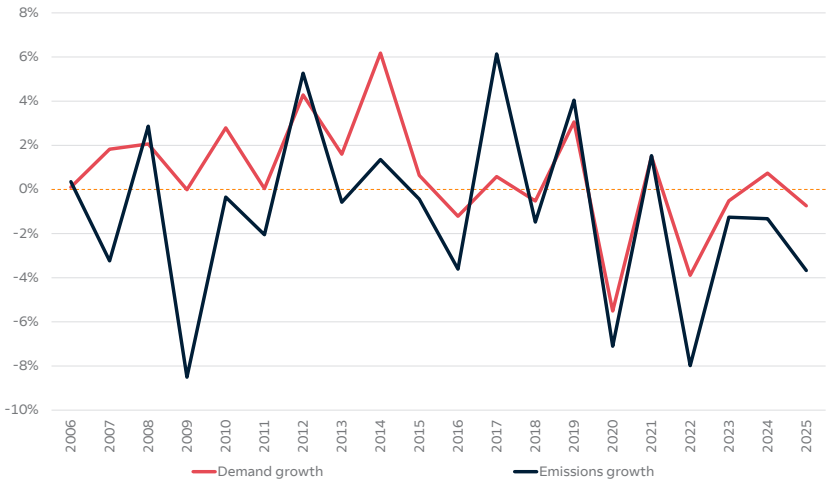
Primary energy demand mix



Electricity generation by source



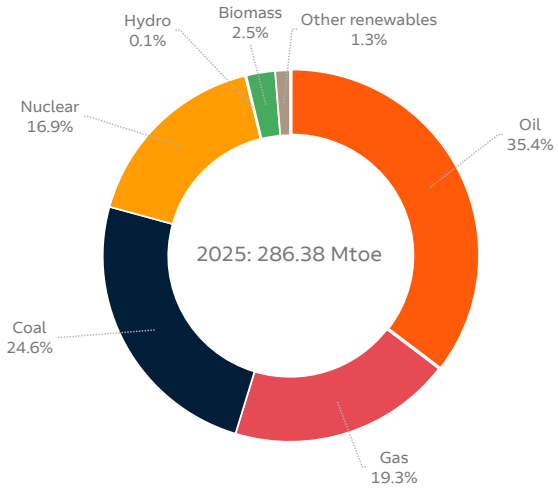
Primary energy demand and CO_2 emissions growth



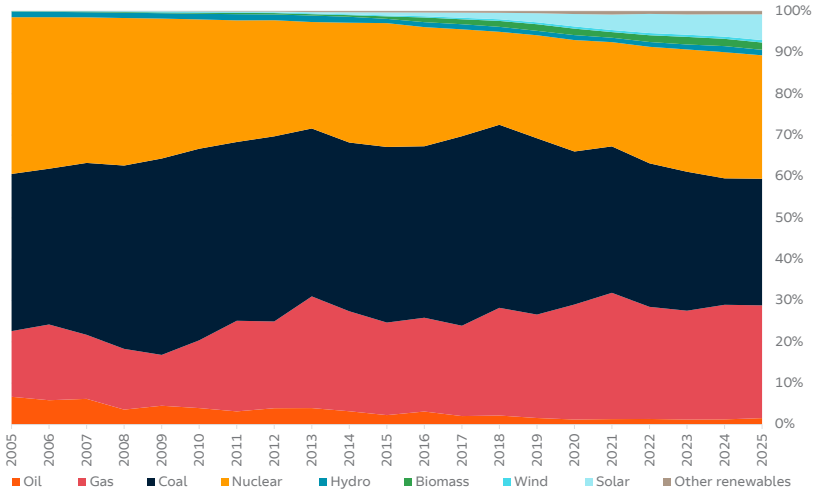
South Korea *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**283.8**	**293.5**	**298.1**	**289.0**	**280.2**	**296.6**	**291.2**	**286.5**	**290.7**	**286.4**	**100.0**
Oil	109.9	111.1	112.4	106.3	102.9	113.2	103.7	102.4	104.2	101.0	35.3
Gas	41.0	43.8	49.7	48.6	48.6	53.9	53.5	51.4	55.0	55.2	19.3
Coal	83.1	91.3	92.4	87.3	77.5	78.7	77.6	74.9	71.1	70.2	24.5
Nuclear	42.2	38.7	34.8	38.0	41.7	41.2	45.9	47.0	49.2	48.1	16.8
Hydro	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.1
Biomass	6.4	7.2	7.0	6.6	6.5	6.3	6.6	6.8	6.9	7.1	2.5
Other renewables	0.6	0.8	1.0	1.3	1.8	2.3	2.8	2.9	3.2	3.6	1.3
Electricity balance of trade*	0.4	0.4	0.5	0.6	0.7	0.8	0.7	0.8	0.8	0.8	0.3
Total final consumption, by source	**180.5**	**186.5**	**186.0**	**185.5**	**179.2**	**187.5**	**183.4**	**175.3**	**177.9**	**176.2**	**100.0**
Oil	94.3	97.6	94.9	97.7	92.9	97.6	93.9	88.5	91.0	89.1	50.6
Gas	20.0	21.2	21.9	21.5	21.7	22.6	22.9	21.5	21.1	21.6	12.2
Coal	12.5	12.0	13.0	11.3	10.5	11.2	10.3	9.4	9.2	8.6	4.9
Electricity	44.5	45.0	45.7	45.0	44.1	46.1	46.6	46.0	46.3	46.4	26.3
Heat	5.0	6.0	6.2	6.2	6.3	6.5	6.2	6.4	6.6	6.9	3.9
Biomass	4.2	4.7	4.2	3.7	3.7	3.5	3.5	3.5	3.6	3.7	2.1
Electricity generation, by source	**48.3**	**49.4**	**51.1**	**50.4**	**51.1**	**53.9**	**53.7**	**52.5**	**53.2**	**53.2**	**100.0**
Oil	1.5	1.0	1.1	0.8	0.6	0.7	0.7	0.6	0.7	0.8	1.5
Gas	11.0	10.8	13.3	12.6	14.2	16.5	14.6	13.8	14.7	14.5	27.3
Coal	20.0	22.6	22.6	21.5	18.9	19.1	18.7	17.7	16.3	16.3	30.6
Nuclear	13.9	12.8	11.5	12.5	13.8	13.6	15.1	15.5	16.2	15.9	29.9
Hydro	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.8	0.7	1.3
Biomass	0.6	0.6	0.7	0.8	0.8	0.7	0.9	1.0	0.9	0.9	1.8
Wind	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.6
Solar	0.4	0.6	0.8	1.1	1.5	2.0	2.5	2.6	2.9	3.3	6.2
Other renewables	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.8
Total final consumption, by sector	**180.5**	**186.5**	**186.0**	**185.5**	**179.2**	**187.5**	**183.4**	**175.3**	**177.9**	**176.2**	**100.0**
Industry	50.0	51.9	52.8	50.4	49.1	52.0	49.9	48.2	48.0	47.0	26.6
Transport	35.0	35.7	35.2	36.6	34.2	35.7	35.6	34.5	34.0	33.1	18.8
Residential/Comercial	41.6	42.1	42.7	41.3	41.4	41.7	42.1	40.9	41.0	42.1	23.9
Oil final consumption, by sector	**94.3**	**97.6**	**94.9**	**97.7**	**92.9**	**97.6**	**93.9**	**88.5**	**91.0**	**89.1**	**100.0**
Industry	3.5	3.5	3.6	3.6	4.1	4.3	3.0	3.1	3.2	3.1	3.5
Transport	33.2	33.9	33.3	34.7	32.4	33.9	33.7	32.7	32.1	31.3	35.1
Residential/Comercial	5.8	5.5	5.2	4.7	4.8	4.4	4.2	4.0	3.9	3.8	4.3
Natural gas final consumption, by sector	**20.0**	**21.2**	**21.9**	**21.5**	**21.7**	**22.6**	**22.9**	**21.5**	**21.1**	**21.6**	**100.0**
Industry	7.0	7.5	7.4	7.4	7.1	7.7	7.7	7.2	7.2	7.1	32.9
Transport	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	3.6
Residential/Comercial	11.9	12.5	13.2	12.8	12.8	13.0	13.5	12.5	12.2	12.8	59.5
Refined products consumption	**94.3**	**97.6**	**94.9**	**97.7**	**92.9**	**97.6**	**93.9**	**88.5**	**91.0**	**89.1**	**100.0**
Gasoline	9.7	9.8	9.8	10.2	10.0	10.5	10.9	11.1	11.7	11.9	13.4
Diesel	22.1	22.9	22.0	23.2	21.9	21.4	20.8	20.6	19.9	18.7	21.0
Heating Oil	1.8	1.6	1.4	1.2	1.0	0.9	1.0	1.0	0.8	0.7	0.8
Aviation Jet	1.7	1.8	1.8	1.5	1.4	2.1	2.1	1.3	0.7	0.7	0.8
LPG	9.1	8.9	9.4	10.5	10.3	9.9	10.5	9.6	10.4	10.6	11.9
Imports	**228.8**	**236.5**	**247.2**	**237.3**	**223.4**	**234.0**	**238.3**	**235.2**	**241.9**	**239.6**	**100.0**
Oil	189.5	192.4	195.5	189.4	176.4	180.0	183.7	183.3	187.4	184.6	77.0
Gas	39.3	44.1	51.7	47.9	47.0	54.0	54.6	51.9	54.5	55.0	23.0
Gasoline	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Diesel	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Heating Oil	6.8	5.7	6.3	4.6	4.3	5.3	3.0	4.5	6.0	5.3	2.2
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	8.0	7.0	7.2	8.7	9.2	8.8	9.7	8.9	9.6	9.2	3.9
Exports	**64.1**	**66.6**	**70.5**	**69.1**	**61.5**	**58.6**	**65.7**	**65.3**	**67.7**	**66.9**	**100.0**
Oil	64.1	66.6	70.5	69.1	61.5	58.6	65.7	65.3	67.7	66.9	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	9.4	10.1	10.8	10.8	9.1	12.1	12.3	12.5	14.1	13.4	20.1
Diesel	23.9	24.0	26.0	26.6	27.2	24.7	27.7	26.8	27.9	28.0	41.9
Heating Oil	1.9	2.4	3.9	2.5	1.9	1.2	1.8	0.9	0.6	1.7	2.5
Aviation Jet	15.0	16.1	15.5	15.4	10.8	8.5	11.5	12.4	12.4	12.1	18.1
LPG	0.2	0.2	0.5	0.5	0.5	0.3	0.1	0.1	0.1	0.2	0.3
CO_2 Emissions *(Million tons CO_2)*	**593.7**	**621.4**	**644.3**	**619.1**	**572.6**	**596.5**	**582.8**	**558.7**	**540.5**	**536.7**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**298.2**	**302.6**	**304.9**	**286.5**	**266.9**	**266.5**	**253.8**	**240.0**	**227.6**	**224.0**	**-**
Final energy intensity *(toe/million $15ppp)*	**65.2**	**64.9**	**63.5**	**61.0**	**59.7**	**59.3**	**57.0**	**54.5**	**53.2**	**52.4**	**-**
Total energy intensity *(toe/million $15ppp)*	**142.5**	**142.9**	**141.0**	**133.7**	**130.6**	**132.5**	**126.8**	**123.1**	**122.4**	**119.6**	**-**

**Heat is included*

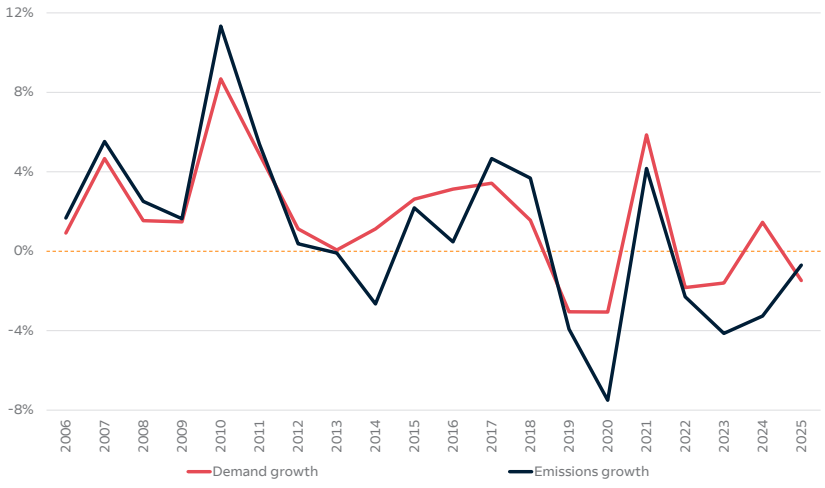
Primary energy demand mix



Electricity generation by source



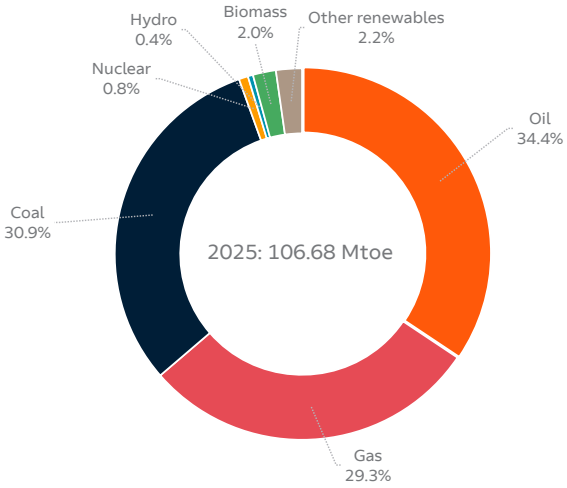
Primary energy demand and CO_2 emissions growth



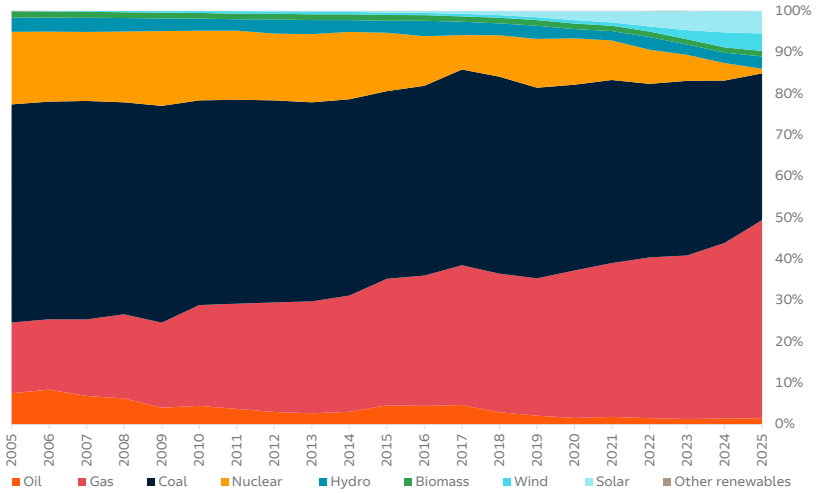
Taiwan *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**119.1**	**119.5**	**120.3**	**117.7**	**115.2**	**120.6**	**116.3**	**109.8**	**107.5**	**106.7**	**100.0**
Oil	46.4	46.4	45.7	42.6	41.3	42.5	40.1	37.6	35.4	36.7	34.4
Gas	20.1	22.1	22.3	22.0	23.7	25.8	26.8	26.4	28.3	31.2	29.2
Coal	41.7	42.6	42.6	41.9	39.2	42.1	39.7	37.3	35.8	32.9	30.8
Nuclear	8.3	5.8	7.2	8.4	8.2	7.2	6.2	4.6	3.2	0.8	0.8
Hydro	0.6	0.5	0.4	0.5	0.3	0.3	0.5	0.3	0.4	0.5	0.4
Biomass	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	2.1	2.1	2.0
Other renewables	0.2	0.3	0.4	0.5	0.7	0.9	1.2	1.6	2.2	2.4	2.2
Electricity balance of trade*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total final consumption, by source	**74.1**	**73.9**	**74.8**	**72.2**	**72.8**	**76.7**	**72.0**	**68.2**	**67.2**	**67.6**	**100.0**
Oil	40.7	40.3	40.7	38.2	38.3	40.3	36.7	33.9	32.0	32.6	48.3
Gas	3.7	4.0	4.3	4.4	4.6	5.1	5.3	5.3	5.5	5.4	8.1
Coal	7.4	7.0	5.9	5.9	5.7	6.0	5.3	4.6	4.6	4.6	6.7
Electricity	20.3	20.8	21.3	21.2	21.7	22.7	22.4	22.2	22.9	23.0	34.0
Heat	1.4	1.4	2.2	2.0	2.0	2.1	1.9	1.8	1.6	1.5	2.2
Biomass	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.5	0.8
Electricity generation, by source	**22.7**	**23.2**	**23.7**	**23.6**	**24.1**	**25.0**	**24.8**	**24.3**	**24.8**	**24.8**	**100.0**
Oil	1.0	1.1	0.7	0.5	0.4	0.5	0.4	0.3	0.4	0.4	1.5
Gas	7.2	7.9	7.9	7.8	8.6	9.3	9.6	9.6	10.5	11.9	47.9
Coal	10.4	11.0	11.3	10.9	10.8	11.1	10.4	10.2	9.7	8.8	35.5
Nuclear	2.7	1.9	2.4	2.8	2.7	2.4	2.0	1.5	1.0	0.3	1.1
Hydro	0.8	0.8	0.7	0.8	0.5	0.6	0.8	0.6	0.6	0.7	3.0
Biomass	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.3
Wind	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.9	1.0	4.2
Solar	0.1	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.3	1.3	5.4
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**74.1**	**73.9**	**74.8**	**72.2**	**72.8**	**76.7**	**72.0**	**68.2**	**67.2**	**67.6**	**100.0**
Industry	24.9	24.9	25.7	25.1	25.2	27.1	25.6	24.4	24.6	24.3	36.0
Transport	14.1	14.0	13.6	13.7	13.9	13.1	13.5	13.5	13.3	13.1	19.4
Residential/Comercial	11.6	11.6	11.3	11.3	11.6	11.6	11.7	11.9	12.2	12.4	18.3
Oil final consumption, by sector	**40.7**	**40.3**	**40.7**	**38.2**	**38.3**	**40.3**	**36.7**	**33.9**	**32.0**	**32.6**	**100.0**
Industry	1.9	1.9	1.9	1.6	1.3	1.4	1.1	0.8	0.7	0.6	2.0
Transport	14.0	13.9	13.5	13.6	13.7	13.0	13.3	13.3	13.2	13.0	39.7
Residential/Comercial	1.8	1.7	1.6	1.6	1.7	1.6	1.6	1.7	1.6	1.7	5.3
Natural gas final consumption, by sector	**3.7**	**4.0**	**4.3**	**4.4**	**4.6**	**5.1**	**5.3**	**5.3**	**5.5**	**5.4**	**100.0**
Industry	2.5	2.8	3.1	3.2	3.3	3.8	4.0	4.0	4.2	4.1	75.3
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	23.6
Refined products consumption	**40.7**	**40.3**	**40.7**	**38.2**	**38.3**	**40.3**	**36.7**	**33.9**	**32.0**	**32.6**	**100.0**
Gasoline	9.1	9.0	8.7	8.7	8.9	8.2	8.4	8.5	8.3	8.2	25.0
Diesel	5.4	5.3	5.3	5.5	5.5	5.5	5.6	5.6	5.8	5.8	17.7
Heating Oil	2.0	1.9	1.6	1.3	1.0	1.0	0.7	0.6	0.5	0.4	1.3
Aviation Jet	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.8
LPG	3.3	2.6	3.1	3.2	2.6	1.8	1.9	2.1	2.0	2.0	6.2
Imports	**89.6**	**91.3**	**92.3**	**90.0**	**82.9**	**86.8**	**88.0**	**84.3**	**84.5**	**89.4**	**100.0**
Oil	69.9	69.4	69.9	67.9	59.2	60.9	61.2	57.7	56.3	58.5	65.5
Gas	19.7	22.0	22.4	22.1	23.7	26.0	26.7	26.6	28.2	30.8	34.5
Gasoline	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.4	0.1	0.1
Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Heating Oil	1.8	2.6	2.3	1.3	0.6	0.9	0.9	0.6	1.1	1.0	1.1
Aviation Jet	0.2	0.1	0.2	0.0	0.1	0.0	0.1	0.1	0.2	0.5	0.5
LPG	2.1	1.5	2.1	2.1	1.8	0.6	0.9	1.3	1.4	1.3	1.4
Exports	**19.2**	**18.6**	**20.1**	**21.3**	**14.0**	**15.3**	**18.1**	**16.0**	**15.8**	**17.3**	**100.0**
Oil	19.2	18.6	20.1	21.3	14.0	15.3	18.1	16.0	15.8	17.3	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	5.3	4.9	4.6	4.1	2.0	3.6	3.8	3.5	3.5	3.7	21.2
Diesel	10.1	9.3	10.6	11.2	7.4	7.5	9.6	8.6	8.0	8.9	51.6
Heating Oil	1.4	1.6	2.0	1.9	1.7	2.0	1.7	1.2	1.9	1.7	10.1
Aviation Jet	1.1	1.0	1.1	1.1	0.9	0.4	1.1	0.8	0.7	0.9	5.0
LPG	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
CO_2 Emissions *(Million tons CO_2)*	**287.5**	**295.2**	**289.7**	**281.1**	**280.1**	**289.5**	**279.7**	**271.4**	**267.2**	**266.3**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**526.5**	**521.5**	**497.3**	**468.2**	**451.1**	**437.0**	**411.2**	**394.5**	**370.5**	**356.2**	**-**
Final energy intensity *(toe/million $15ppp)*	**94.3**	**90.7**	**88.4**	**85.1**	**83.0**	**79.7**	**76.0**	**73.6**	**70.8**	**67.8**	**-**
Total energy intensity *(toe/million $15ppp)*	**218.0**	**211.0**	**206.6**	**196.0**	**185.5**	**182.0**	**171.0**	**159.6**	**149.0**	**142.7**	**-**

**Heat is included*

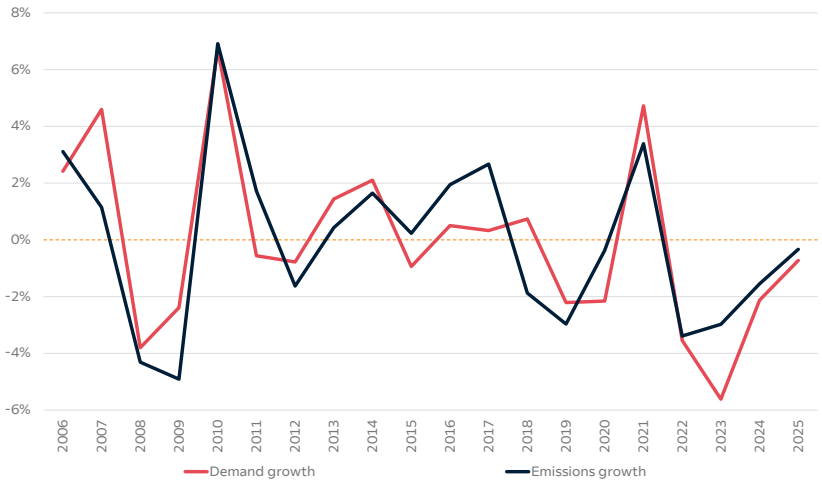
Primary energy demand mix



Electricity generation by source



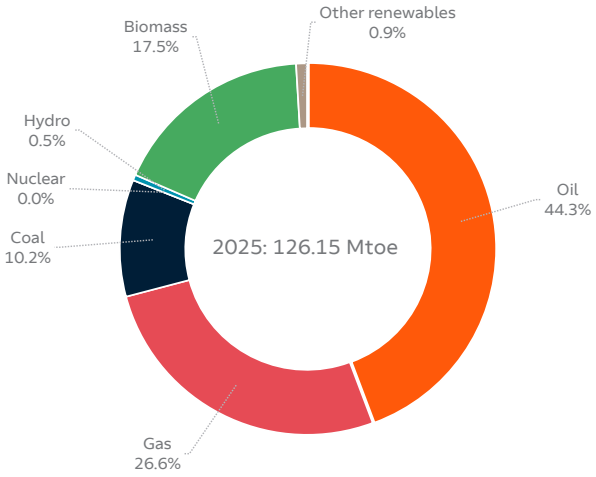
Primary energy demand and CO_2 emissions growth



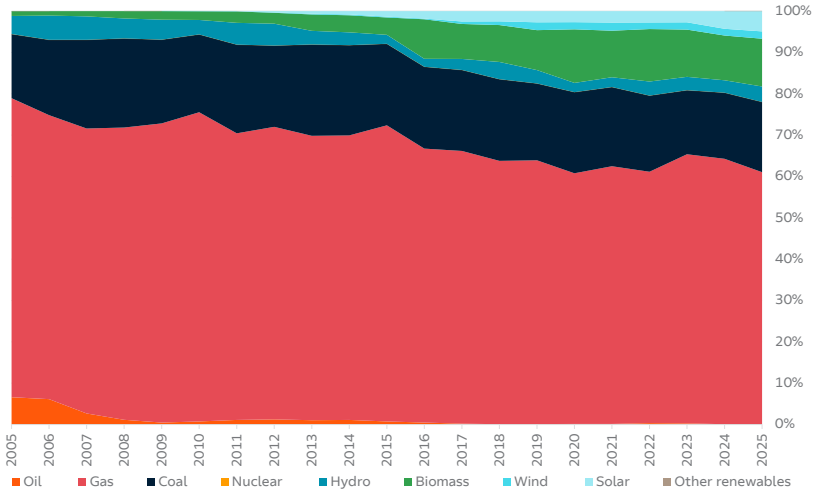
Thailand *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**134.0**	**134.5**	**138.8**	**139.0**	**131.9**	**130.2**	**126.6**	**127.8**	**131.0**	**126.1**	**100.0**
Oil	56.1	56.6	59.2	59.2	57.5	56.4	55.9	54.0	55.1	54.5	43.2
Gas	36.9	36.0	36.5	37.0	35.1	35.4	31.3	34.2	35.9	32.7	25.9
Coal	15.9	16.9	16.6	15.1	15.8	16.2	14.4	12.8	12.9	12.5	9.9
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.3	0.4	0.7	0.5	0.3	0.3	0.5	0.5	0.5	0.6	0.5
Biomass	22.9	22.1	23.1	24.5	20.0	18.4	20.8	22.9	22.7	21.5	17.1
Other renewables	0.3	0.5	0.5	0.8	0.7	0.7	0.7	0.8	1.1	1.2	0.9
Electricity balance of trade*	1.6	2.0	2.2	2.0	2.3	2.7	2.9	2.6	2.8	3.2	2.5
Total final consumption, by source	**92.8**	**94.3**	**92.6**	**94.0**	**87.7**	**85.1**	**94.3**	**92.0**	**93.8**	**92.6**	**100.0**
Oil	51.6	51.7	49.7	50.3	48.8	48.7	52.0	49.8	50.5	49.6	53.6
Gas	7.2	7.0	7.7	7.4	5.6	5.7	8.9	8.6	8.5	8.2	8.9
Coal	6.0	7.4	4.5	4.6	5.2	4.1	5.4	3.8	3.8	3.9	4.2
Electricity	15.9	15.9	17.0	17.5	16.9	17.3	17.9	18.8	20.0	19.2	20.7
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	12.2	12.2	13.8	14.2	11.2	9.3	10.1	10.9	11.0	11.7	12.6
Electricity generation, by source	**16.2**	**15.6**	**15.7**	**16.5**	**16.2**	**15.6**	**16.2**	**17.1**	**18.1**	**17.3**	**100.0**
Oil	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Gas	10.7	10.3	10.0	10.5	9.8	9.7	9.9	11.1	11.6	10.5	61.0
Coal	3.2	3.1	3.1	3.1	3.2	3.0	3.0	2.7	2.9	2.9	17.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.3	0.4	0.7	0.5	0.4	0.4	0.6	0.6	0.5	0.6	3.7
Biomass	1.5	1.3	1.4	1.6	2.1	1.8	2.1	2.0	2.0	2.0	11.6
Wind	0.0	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.8
Solar	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.8	0.8	4.9
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**92.8**	**94.3**	**92.6**	**94.0**	**87.7**	**85.1**	**94.3**	**92.0**	**93.8**	**92.6**	**100.0**
Industry	29.4	29.2	28.9	29.1	26.0	24.4	29.3	28.4	28.1	28.5	30.8
Transport	22.8	24.7	26.7	27.4	26.8	25.1	27.2	28.4	29.2	28.7	31.0
Residential/Comercial	15.1	15.2	15.4	15.9	14.9	14.7	15.1	15.8	16.8	16.3	17.6
Oil final consumption, by sector	**51.6**	**51.7**	**49.7**	**50.3**	**48.8**	**48.7**	**52.0**	**49.8**	**50.5**	**49.6**	**100.0**
Industry	6.4	5.0	4.9	4.8	4.0	4.1	3.9	3.8	3.3	3.0	6.1
Transport	18.9	20.9	22.8	23.5	23.4	22.1	24.3	25.4	26.4	26.2	52.8
Residential/Comercial	2.3	2.4	2.4	2.3	2.2	2.3	2.3	2.3	2.3	2.4	4.8
Natural gas final consumption, by sector	**7.2**	**7.0**	**7.7**	**7.4**	**5.6**	**5.7**	**8.9**	**8.6**	**8.5**	**8.2**	**100.0**
Industry	3.3	3.3	3.8	3.8	3.7	4.1	6.7	6.5	6.5	6.4	77.9
Transport	2.3	2.0	1.9	1.7	1.2	1.0	1.1	1.0	0.9	0.7	8.7
Residential/Comercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Refined products consumption	**50.9**	**51.1**	**49.1**	**49.6**	**48.2**	**48.2**	**51.5**	**49.4**	**50.0**	**49.1**	**100.0**
Gasoline	6.8	7.0	7.5	7.8	7.7	7.1	7.4	7.8	7.8	7.9	16.1
Diesel	17.6	17.9	19.5	20.1	19.5	19.0	20.2	20.8	20.7	20.2	41.1
Heating Oil	0.8	0.7	0.7	0.6	0.7	0.7	0.6	0.5	0.5	0.5	1.0
Aviation Jet	0.8	0.8	0.8	0.8	0.3	0.2	0.4	0.6	0.7	0.8	1.5
LPG	6.6	6.8	7.3	7.2	6.3	6.6	7.0	7.1	7.4	7.2	14.7
Imports	**63.2**	**66.5**	**70.4**	**67.3**	**65.4**	**66.5**	**70.0**	**74.0**	**73.3**	**67.7**	**100.0**
Oil	51.6	54.1	56.9	53.9	51.6	51.9	55.9	56.6	56.1	54.0	79.8
Gas	11.6	12.4	13.6	13.4	13.8	14.6	14.1	17.4	17.2	13.7	20.2
Gasoline	1.2	1.4	1.2	1.7	1.1	0.0	0.4	0.7	0.0	0.1	0.1
Diesel	0.7	0.7	0.5	2.1	0.0	0.2	0.9	0.2	0.3	0.0	0.0
Heating Oil	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.5	0.7	0.8	0.6	0.6	0.6	1.7	1.8	1.6	1.2	1.7
Exports	**12.7**	**13.9**	**14.9**	**11.7**	**12.0**	**12.2**	**9.4**	**10.9**	**10.9**	**9.2**	**100.0**
Oil	12.7	13.9	14.9	11.7	12.0	12.2	9.4	10.9	10.9	9.2	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	1.1	1.2	1.3	1.0	1.0	1.4	1.4	1.4	1.4	1.2	13.0
Diesel	4.2	4.6	4.9	3.3	5.1	5.7	3.0	4.5	3.6	3.4	37.0
Heating Oil	2.9	3.2	3.1	2.9	2.5	2.8	2.7	2.5	3.0	2.4	26.0
Aviation Jet	0.4	0.6	0.9	0.7	0.6	0.3	0.7	0.8	0.7	0.4	4.8
LPG	0.1	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.0	0.5
CO_2 Emissions *(Million tons CO_2)*	**241.6**	**241.0**	**234.7**	**240.7**	**229.5**	**221.5**	**227.9**	**225.9**	**229.0**	**224.5**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**209.7**	**200.8**	**187.6**	**188.4**	**191.2**	**181.8**	**182.3**	**177.1**	**175.1**	**167.7**	**-**
Final energy intensity *(toe/million $15ppp)*	**61.0**	**59.8**	**59.0**	**59.0**	**58.4**	**54.5**	**59.1**	**58.7**	**58.1**	**56.2**	**-**
Total energy intensity *(toe/million $15ppp)*	**116.3**	**112.1**	**111.0**	**108.8**	**109.9**	**106.8**	**101.2**	**100.2**	**100.2**	**94.2**	**-**

**Heat is included*

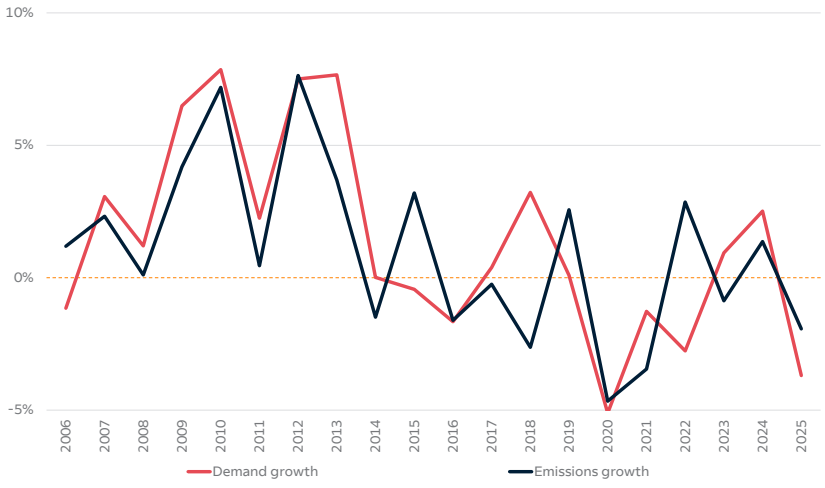
Primary energy demand mix



Electricity generation by source



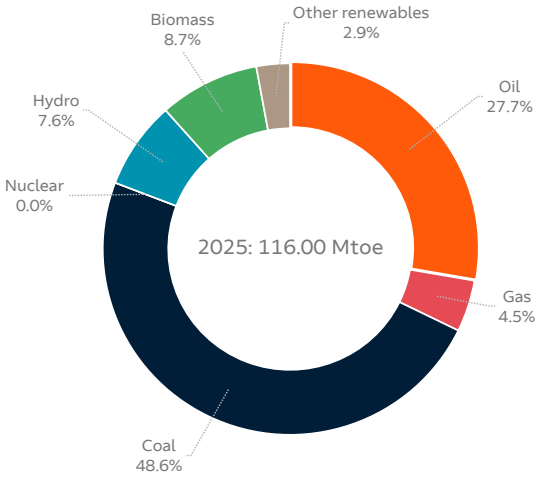
Primary energy demand and CO_2 emissions growth



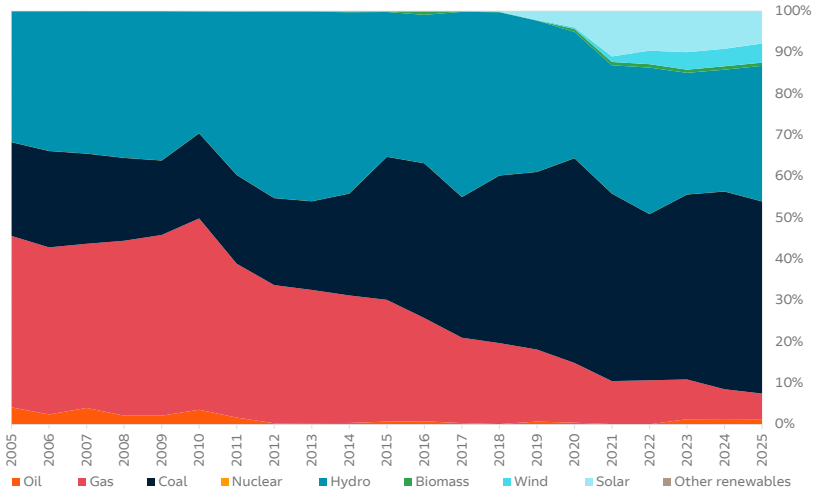
Vietnam *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**77.0**	**76.7**	**89.7**	**103.8**	**101.4**	**101.1**	**103.5**	**105.5**	**113.6**	**116.0**	**100.0**
Oil	21.8	20.3	23.4	24.9	24.2	23.6	27.6	27.7	31.4	32.0	27.6
Gas	8.9	7.8	8.1	8.3	7.4	6.3	6.8	6.5	5.5	5.2	4.5
Coal	28.2	28.6	38.3	50.6	53.0	50.6	46.8	50.7	54.9	56.0	48.3
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	5.6	7.6	7.2	7.3	6.3	6.8	8.4	6.9	7.6	8.8	7.6
Biomass	12.4	12.3	12.6	12.2	9.5	11.1	10.7	10.1	10.3	10.0	8.6
Other renewables	0.0	0.0	0.0	0.5	0.9	2.7	3.1	3.3	3.5	3.3	2.9
Electricity balance of trade*	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.7	0.6
Total final consumption, by source	**56.2**	**58.7**	**62.8**	**72.5**	**73.1**	**75.2**	**79.7**	**76.5**	**81.6**	**83.6**	**100.0**
Oil	20.7	20.4	22.2	22.5	21.3	20.7	27.3	24.8	27.9	28.4	34.0
Gas	1.6	1.0	1.1	1.2	1.5	1.7	2.0	2.0	1.8	2.0	2.3
Coal	8.7	11.1	12.2	20.3	23.5	23.6	20.1	20.4	20.3	20.8	24.9
Electricity	14.0	15.3	16.6	18.3	19.1	20.1	22.0	21.7	23.9	25.0	29.9
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	11.1	10.9	10.8	10.3	7.7	9.0	8.4	7.6	7.6	7.4	8.9
Electricity generation, by source	**15.6**	**17.1**	**18.3**	**20.0**	**20.7**	**21.8**	**23.8**	**23.6**	**25.9**	**26.8**	**100.0**
Oil	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.3	0.3	0.3	1.3
Gas	3.9	3.5	3.6	3.5	3.0	2.3	2.5	2.3	1.9	1.7	6.2
Coal	5.9	5.8	7.4	8.6	10.2	9.9	9.6	10.5	12.4	12.4	46.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	5.6	7.6	7.2	7.3	6.3	6.8	8.4	6.9	7.6	8.8	32.8
Biomass	0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.8
Wind	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.0	1.1	1.2	4.6
Solar	0.0	0.0	0.0	0.4	0.8	2.4	2.3	2.3	2.4	2.1	7.8
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	0.0
Total final consumption, by sector	**56.2**	**58.7**	**62.8**	**72.5**	**73.1**	**75.2**	**79.7**	**76.5**	**81.6**	**83.6**	**100.0**
Industry	20.6	22.8	25.1	33.9	38.0	41.0	39.6	39.9	41.2	42.1	50.3
Transport	12.2	13.1	13.9	14.5	13.0	11.5	15.3	15.2	17.2	17.1	20.4
Residential/Comercial	17.4	17.6	17.6	18.1	16.9	16.2	17.0	15.0	16.2	17.2	20.6
Oil final consumption, by sector	**20.7**	**20.4**	**22.2**	**22.5**	**21.3**	**20.7**	**27.3**	**24.8**	**27.9**	**28.4**	**100.0**
Industry	2.0	1.6	1.6	1.6	2.7	2.4	3.9	3.3	3.7	3.6	12.7
Transport	12.2	13.1	13.7	14.3	12.8	11.5	15.3	15.2	17.2	17.0	60.0
Residential/Comercial	1.7	1.9	2.0	2.2	2.2	2.4	2.4	2.1	2.4	2.9	10.1
Natural gas final consumption, by sector	**1.6**	**1.0**	**1.1**	**1.2**	**1.5**	**1.7**	**2.0**	**2.0**	**1.8**	**2.0**	**100.0**
Industry	1.0	0.4	0.4	0.5	0.8	0.8	1.0	1.0	0.9	1.0	50.2
Transport	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Residential/Comercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Refined products consumption	**20.7**	**20.4**	**22.2**	**22.5**	**21.3**	**20.7**	**27.3**	**24.8**	**27.9**	**28.4**	**100.0**
Gasoline	6.4	6.8	7.0	7.6	6.5	6.1	7.5	7.7	8.7	8.9	31.2
Diesel	8.9	9.4	9.8	10.1	8.7	9.0	11.7	11.5	13.0	12.3	43.5
Heating Oil	0.4	0.1	0.2	0.2	0.3	0.2	0.4	0.2	0.2	0.1	0.5
Aviation Jet	0.8	0.8	0.9	0.9	0.8	0.5	1.2	1.2	1.3	1.5	5.2
LPG	1.9	2.2	2.4	2.5	2.6	2.8	2.9	2.5	2.8	3.4	11.9
Imports	**16.9**	**18.3**	**21.2**	**20.9**	**23.3**	**20.5**	**23.3**	**24.9**	**28.3**	**29.0**	**100.0**
Oil	16.9	18.3	21.2	20.9	23.3	20.5	23.3	24.9	28.3	29.0	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	2.6	3.3	2.2	2.1	1.6	0.9	2.0	2.2	2.3	2.4	8.2
Diesel	6.8	7.4	6.5	5.1	4.9	5.0	4.9	5.6	6.1	5.1	17.6
Heating Oil	0.8	0.6	0.7	0.8	0.6	0.7	0.6	0.6	0.6	0.5	1.7
Aviation Jet	1.6	2.3	2.7	2.2	1.3	0.7	1.5	1.9	2.1	2.3	8.0
LPG	2.1	2.4	2.0	2.0	2.0	2.2	2.2	2.0	2.4	2.8	9.7
Exports	**8.8**	**8.9**	**6.3**	**6.2**	**7.1**	**5.6**	**4.2**	**4.4**	**4.2**	**3.4**	**100.0**
Oil	8.8	8.9	6.3	6.2	7.1	5.6	4.2	4.4	4.2	3.4	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.2	0.3	0.2	0.2	0.3	0.5	0.3	0.1	0.1	0.1	1.9
Diesel	0.5	0.5	0.6	0.5	0.6	0.7	0.5	0.7	0.7	0.4	11.5
Heating Oil	0.2	0.3	0.4	0.3	0.4	0.5	0.2	0.3	0.3	0.2	4.8
Aviation Jet	0.5	0.6	0.7	0.8	0.6	0.5	0.1	0.2	0.2	0.1	3.3
LPG	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	4.5
CO_2 Emissions *(Million tons CO_2)*	**189.3**	**189.1**	**219.7**	**298.5**	**306.6**	**294.3**	**290.9**	**302.3**	**328.3**	**332.1**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**249.2**	**232.7**	**251.6**	**318.4**	**318.0**	**297.6**	**271.0**	**268.1**	**271.9**	**254.6**	**-**
Final energy intensity *(toe/million $15ppp)*	**70.1**	**70.1**	**68.9**	**75.4**	**73.9**	**73.0**	**70.4**	**65.5**	**65.3**	**61.7**	**-**
Total energy intensity *(toe/million $15ppp)*	**101.4**	**94.4**	**102.8**	**110.7**	**105.2**	**102.2**	**96.5**	**93.6**	**94.1**	**88.9**	**-**

**Heat is included*

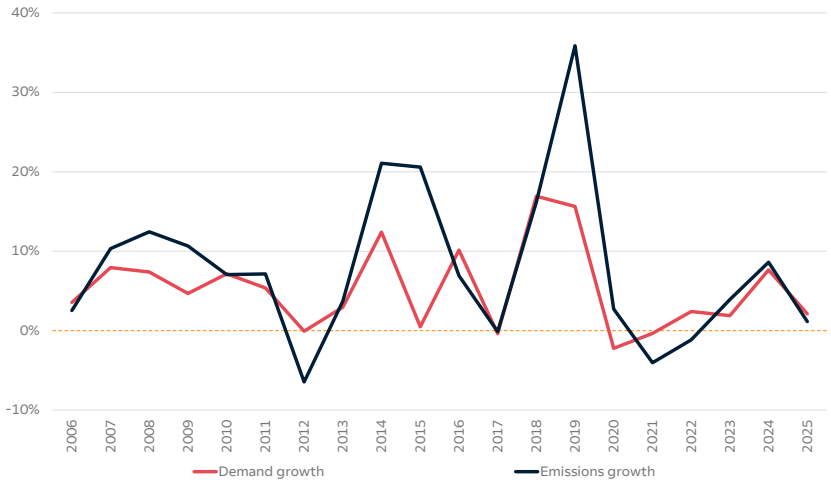
Primary energy demand mix



Electricity generation by source



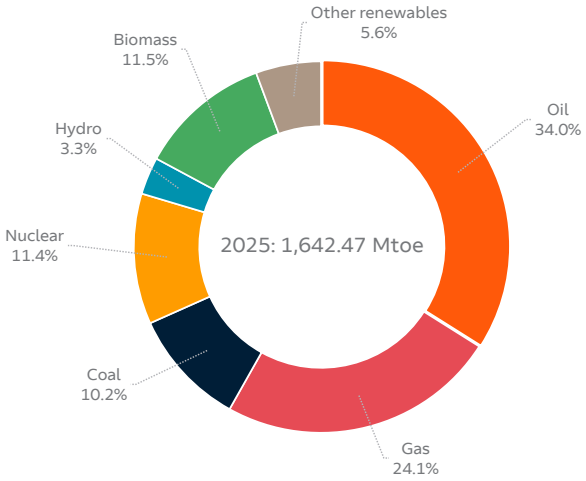
Primary energy demand and CO_2 emissions growth



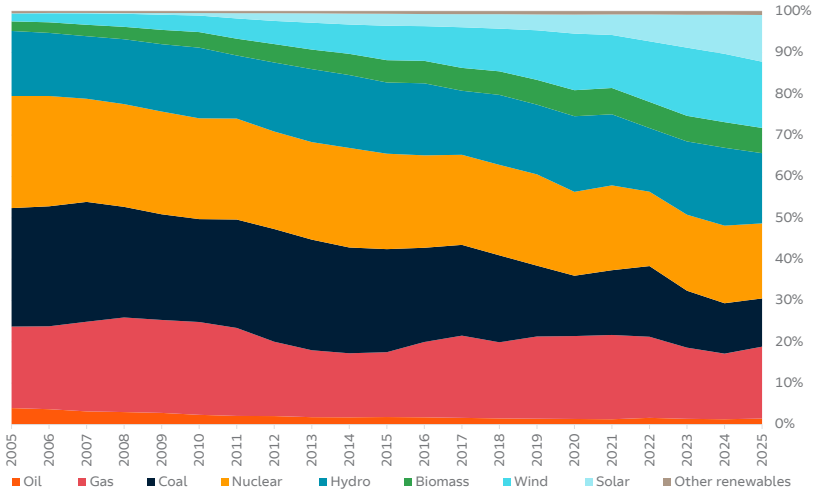
Europe *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**1,822.1**	**1,858.3**	**1,843.6**	**1,812.5**	**1,704.5**	**1,798.7**	**1,704.8**	**1,639.7**	**1,642.6**	**1,642.5**	**100.0**
Oil	589.5	605.4	592.4	588.5	537.3	560.8	559.0	550.6	550.5	550.1	33.5
Gas	431.0	453.4	445.0	449.0	440.8	467.1	409.1	380.4	379.8	390.6	23.8
Coal	297.4	291.4	281.7	240.6	205.5	227.0	227.1	185.7	170.3	164.5	10.0
Nuclear	224.3	221.5	222.2	221.0	197.5	207.7	177.4	178.4	186.1	184.0	11.2
Hydro	54.8	48.9	53.9	52.9	55.6	54.6	46.8	53.3	58.0	52.6	3.2
Biomass	164.1	168.8	174.8	178.8	179.9	192.4	187.7	183.7	184.8	185.6	11.3
Other renewables	39.2	45.4	47.8	54.1	60.2	60.4	69.6	79.1	85.0	91.2	5.6
Electricity balance of trade*	21.7	23.4	25.8	27.7	27.7	28.6	28.0	28.5	28.1	23.9	1.5
Total final consumption, by source	**1,298.0**	**1,322.3**	**1,317.9**	**1,309.9**	**1,247.0**	**1,316.9**	**1,251.5**	**1,214.4**	**1,227.6**	**1,227.9**	**100.0**
Oil	536.4	547.6	540.6	539.6	493.1	516.5	512.7	503.4	511.2	510.3	41.6
Gas	279.4	286.6	286.3	284.1	278.6	303.8	261.8	245.0	250.4	249.5	20.3
Coal	47.5	47.0	43.8	40.3	40.7	41.5	37.0	34.0	31.2	30.1	2.5
Electricity	280.2	283.7	284.9	282.1	272.7	285.5	276.2	270.4	276.0	278.2	22.7
Heat	57.1	57.6	56.9	56.8	55.0	56.9	53.3	52.5	52.3	52.4	4.3
Biomass	97.4	99.8	105.4	107.0	106.9	112.7	110.5	109.1	107.6	108.2	8.8
Electricity generation, by source	**331.2**	**335.4**	**335.2**	**330.2**	**320.7**	**334.2**	**325.5**	**319.7**	**327.3**	**333.9**	**100.0**
Oil	5.7	5.4	4.9	4.7	4.3	4.3	5.2	4.4	4.2	4.8	1.4
Gas	60.4	66.8	61.8	65.6	64.3	68.1	63.9	55.0	52.0	58.1	17.4
Coal	75.4	73.5	70.5	56.6	46.8	52.4	55.6	44.0	39.9	38.9	11.7
Nuclear	74.0	73.1	73.3	72.9	65.2	68.6	58.5	58.9	61.4	60.7	18.2
Hydro	57.7	52.0	56.8	55.6	58.6	57.4	50.2	56.6	61.6	56.7	17.0
Biomass	18.1	18.6	19.1	19.8	20.2	21.4	20.6	19.8	20.3	20.4	6.1
Wind	27.7	33.0	34.6	39.6	44.0	42.8	47.8	52.7	54.0	53.5	16.0
Solar	9.8	10.6	11.7	12.7	14.7	16.6	21.1	25.5	31.0	37.7	11.3
Other renewables	2.3	2.4	2.5	2.6	2.7	2.6	2.6	2.7	2.8	3.1	0.9
Total final consumption, by sector	**1,298.0**	**1,322.3**	**1,317.9**	**1,309.9**	**1,247.0**	**1,316.9**	**1,251.5**	**1,214.4**	**1,227.6**	**1,227.9**	**100.0**
Industry	300.5	310.1	311.7	306.6	299.0	314.2	293.8	280.0	280.3	276.5	22.5
Transport	366.6	373.9	378.3	381.0	332.1	361.3	371.1	372.1	376.0	379.1	30.9
Residential/Comercial	483.8	486.3	482.8	478.1	471.1	496.0	458.4	439.1	443.0	447.6	36.5
Oil final consumption, by sector	**536.4**	**547.6**	**540.6**	**539.6**	**493.1**	**516.5**	**512.7**	**503.4**	**511.2**	**510.3**	**100.0**
Industry	29.0	32.0	32.1	31.2	31.3	30.9	31.7	30.9	28.4	28.7	5.6
Transport	342.7	348.4	350.8	352.0	304.4	331.9	340.4	339.8	344.7	347.8	68.2
Residential/Comercial	50.2	49.6	46.9	46.6	46.7	42.6	40.0	37.0	37.4	36.6	7.2
Natural gas final consumption, by sector	**279.4**	**286.6**	**286.3**	**284.1**	**278.6**	**303.8**	**261.8**	**245.0**	**250.4**	**249.5**	**100.0**
Industry	93.4	97.9	97.3	95.3	92.9	102.6	88.9	84.4	87.0	84.9	34.0
Transport	3.7	3.9	4.0	4.2	3.4	4.0	3.8	3.6	3.7	3.1	1.2
Residential/Comercial	163.0	164.3	164.3	163.8	162.1	177.2	155.0	142.9	145.8	147.8	59.2
Refined products consumption	**534.1**	**545.4**	**538.8**	**538.1**	**491.5**	**515.1**	**511.1**	**500.6**	**509.2**	**508.7**	**100.0**
Gasoline	85.3	85.5	88.0	89.6	77.1	84.4	89.1	92.7	96.6	100.6	19.8
Diesel	307.1	312.6	309.5	308.7	281.3	295.9	294.6	286.0	286.8	287.8	56.6
Heating Oil	7.1	6.9	6.5	5.9	5.0	4.7	4.9	4.1	3.6	3.5	0.7
Aviation Jet	9.2	9.3	9.5	9.8	5.0	6.5	9.1	9.8	9.3	9.7	1.9
LPG	36.2	36.5	37.4	37.9	34.4	34.4	33.7	34.5	34.6	33.6	6.6
Imports	**1,400.3**	**1,437.9**	**1,421.9**	**1,444.3**	**1,282.5**	**1,340.2**	**1,418.2**	**1,348.8**	**1,336.4**	**1,350.4**	**100.0**
Oil	1,031.7	1,053.6	1,038.0	1,029.4	901.4	932.3	984.5	964.9	978.0	962.5	71.3
Gas	368.6	384.3	384.0	414.9	381.1	407.9	433.7	383.9	358.4	388.0	28.7
Gasoline	32.4	32.0	28.8	30.3	26.7	28.7	28.8	30.0	33.9	38.4	2.8
Diesel	163.9	162.5	155.3	156.7	145.0	146.9	148.7	151.7	155.8	144.3	10.7
Heating Oil	68.4	52.0	51.2	46.6	49.4	56.4	57.1	53.2	50.9	45.1	3.3
Aviation Jet	37.4	38.7	41.4	42.2	25.6	25.9	36.6	39.9	43.9	47.1	3.5
LPG	28.3	27.9	29.0	28.6	26.2	27.1	29.2	29.9	29.3	29.1	2.2
Exports	**666.9**	**662.2**	**642.0**	**623.7**	**586.5**	**612.6**	**648.0**	**643.4**	**633.0**	**638.1**	**100.0**
Oil	512.1	519.4	506.3	487.0	458.5	483.6	474.3	476.7	473.6	468.3	73.4
Gas	154.8	142.8	135.8	136.7	128.0	129.0	173.7	166.8	159.4	169.7	26.6
Gasoline	91.8	94.6	93.3	93.6	79.0	87.4	88.3	84.2	83.1	77.9	12.2
Diesel	115.4	118.3	106.1	104.8	100.7	107.2	102.3	105.2	107.9	102.3	16.0
Heating Oil	80.2	63.0	58.4	50.1	52.9	61.6	59.5	55.1	55.2	50.5	7.9
Aviation Jet	16.3	17.6	19.6	20.2	14.0	14.2	16.4	18.7	19.7	22.9	3.6
LPG	17.1	17.4	16.6	16.1	14.8	15.5	14.7	14.8	15.1	14.9	2.3
CO_2 Emissions *(Million tons CO_2)*	**3,692.5**	**3,744.3**	**3,676.1**	**3,515.4**	**3,219.0**	**3,437.9**	**3,358.1**	**3,104.9**	**3,050.6**	**3,050.8**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**156.8**	**153.8**	**147.6**	**138.6**	**133.9**	**133.5**	**125.3**	**114.7**	**111.0**	**109.1**	**-**
Final energy intensity *(toe/million $15ppp)*	**50.5**	**49.7**	**48.7**	**47.5**	**47.5**	**47.0**	**43.3**	**41.7**	**41.4**	**40.9**	**-**
Total energy intensity *(toe/million $15ppp)*	**77.4**	**76.4**	**74.0**	**71.4**	**70.9**	**69.8**	**63.6**	**60.6**	**59.8**	**58.7**	**-**

**Heat is included*

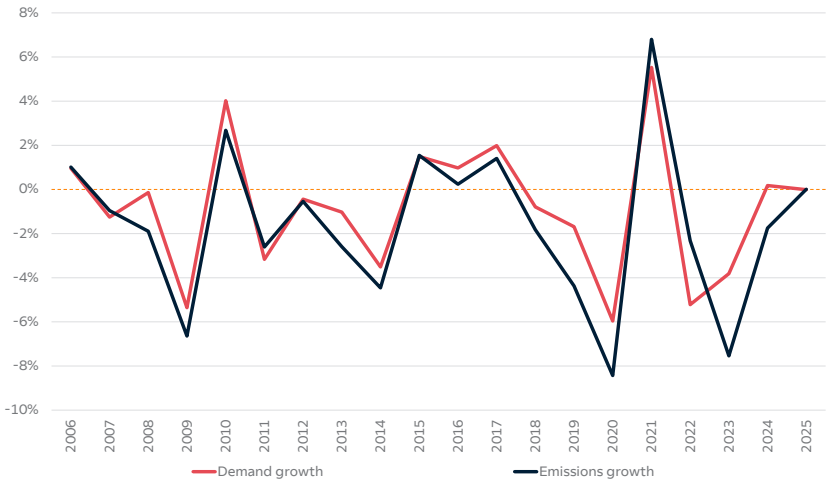
Primary energy demand mix



Electricity generation by source



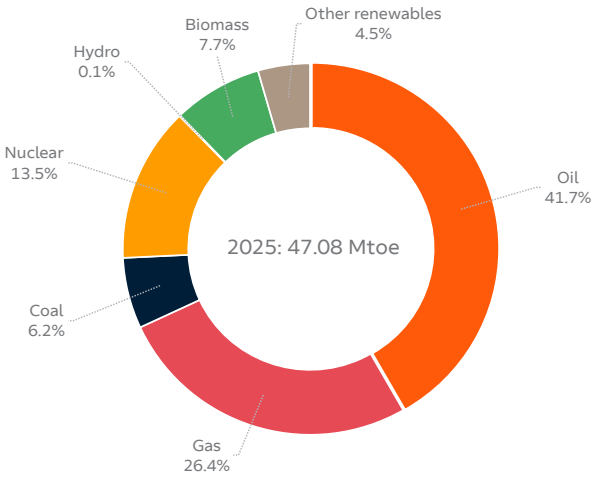
Primary energy demand and CO_2 emissions growth



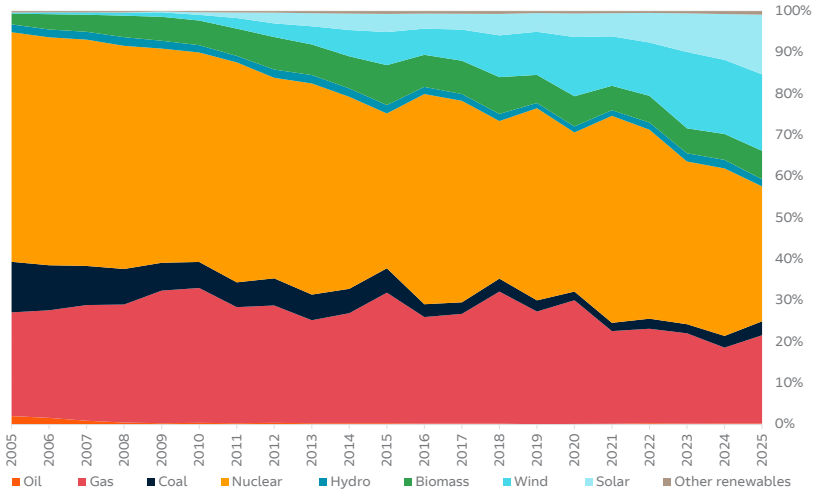
Belgium *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**55.6**	**55.4**	**53.3**	**55.0**	**50.7**	**55.7**	**50.7**	**47.6**	**48.4**	**47.1**	**100.0**
Oil	21.5	21.2	21.2	20.3	18.5	19.8	18.6	18.4	19.1	19.1	40.6
Gas	14.2	14.5	15.0	15.2	15.1	15.2	12.9	12.2	11.9	12.1	25.7
Coal	3.2	3.1	3.1	3.1	2.4	2.6	2.8	2.4	2.7	2.8	6.0
Nuclear	11.3	11.0	7.5	11.3	9.0	13.1	11.4	8.6	8.1	6.2	13.1
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Biomass	3.8	3.8	3.8	3.7	3.8	4.0	4.0	3.8	3.6	3.5	7.5
Other renewables	0.7	0.8	1.0	1.2	1.5	1.5	1.7	2.0	1.9	2.1	4.4
Electricity balance of trade*	0.8	0.8	1.8	0.1	0.2	-0.7	-0.6	0.2	0.9	1.2	2.6
Total final consumption, by source	**40.9**	**40.3**	**40.9**	**39.6**	**37.9**	**40.4**	**36.7**	**36.1**	**37.2**	**37.2**	**100.0**
Oil	20.2	19.5	19.9	18.8	17.6	18.7	17.5	17.4	18.0	18.0	48.6
Gas	10.2	10.5	10.5	10.5	10.2	11.2	9.1	8.9	9.4	9.3	25.0
Coal	0.9	0.9	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	1.6
Electricity	7.0	7.0	7.0	6.9	6.7	6.9	6.6	6.4	6.6	6.6	17.6
Heat	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.4	1.0
Biomass	2.0	2.0	2.0	2.0	2.1	2.4	2.4	2.3	2.2	2.3	6.1
Electricity generation, by source	**7.4**	**7.4**	**6.5**	**8.1**	**7.7**	**8.6**	**8.3**	**7.2**	**6.6**	**6.3**	**100.0**
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Gas	1.9	2.0	2.1	2.2	2.3	1.9	1.9	1.6	1.2	1.3	21.3
Coal	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.4
Nuclear	3.7	3.6	2.5	3.7	3.0	4.3	3.8	2.8	2.7	2.0	32.6
Hydro	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.7
Biomass	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.4	0.4	0.4	6.9
Wind	0.5	0.6	0.7	0.8	1.1	1.0	1.1	1.3	1.2	1.2	18.5
Solar	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.7	0.9	14.4
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9
Total final consumption, by sector	**40.9**	**40.3**	**40.9**	**39.6**	**37.9**	**40.4**	**36.7**	**36.1**	**37.2**	**37.2**	**100.0**
Industry	9.4	9.5	9.7	9.9	9.8	10.1	9.2	8.8	9.2	9.1	24.4
Transport	9.1	8.9	9.0	8.9	7.8	8.6	8.8	8.9	9.0	9.0	24.1
Residential/Comercial	12.8	12.6	12.5	11.8	11.7	12.5	10.7	10.5	10.6	10.6	28.5
Oil final consumption, by sector	**20.2**	**19.5**	**19.9**	**18.8**	**17.6**	**18.7**	**17.5**	**17.4**	**18.0**	**18.0**	**100.0**
Industry	0.5	0.5	0.5	0.9	0.9	0.9	0.9	0.9	0.8	0.8	4.3
Transport	8.5	8.3	8.3	8.2	6.9	7.6	7.7	7.8	7.9	7.9	43.8
Residential/Comercial	3.3	3.3	3.2	2.5	2.9	2.6	2.3	2.2	2.2	2.2	12.2
Natural gas final consumption, by sector	**10.2**	**10.5**	**10.5**	**10.5**	**10.2**	**11.2**	**9.1**	**8.9**	**9.4**	**9.3**	**100.0**
Industry	3.8	4.0	4.0	4.0	4.1	4.3	3.6	3.6	3.8	3.8	41.0
Transport	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.9
Residential/Comercial	5.2	5.1	5.1	5.1	4.8	5.6	4.5	4.3	4.4	4.4	46.9
Refined products consumption	**20.2**	**19.5**	**19.9**	**18.8**	**17.6**	**18.7**	**17.5**	**17.4**	**18.0**	**18.0**	**100.0**
Gasoline	1.5	1.5	1.7	1.9	1.5	1.9	2.1	2.3	2.6	2.7	14.9
Diesel	10.5	10.3	10.1	9.5	8.8	8.9	8.4	8.3	8.1	7.9	44.0
Heating Oil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.2
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
LPG	1.7	1.7	2.5	2.6	2.5	2.6	2.6	3.0	2.9	2.9	16.2
Imports	**73.7**	**78.1**	**81.4**	**82.4**	**71.7**	**76.1**	**76.4**	**76.4**	**73.8**	**76.6**	**100.0**
Oil	58.8	63.5	65.2	63.1	53.8	58.5	56.2	57.3	57.8	56.5	73.8
Gas	14.9	14.6	16.2	19.3	17.9	17.6	20.2	19.1	15.9	20.0	26.2
Gasoline	1.5	0.9	1.6	1.3	0.7	0.9	1.0	1.3	1.7	1.4	1.8
Diesel	11.3	10.8	10.0	8.3	8.4	7.0	7.9	7.7	7.5	7.6	10.0
Heating Oil	3.9	4.8	5.9	5.5	4.2	5.5	4.8	3.8	3.7	3.1	4.0
Aviation Jet	0.5	1.5	1.7	1.5	1.0	1.1	0.9	1.2	1.4	1.8	2.4
LPG	1.8	1.8	2.3	2.3	2.4	2.5	2.9	3.2	3.0	3.2	4.2
Exports	**30.2**	**34.3**	**33.9**	**36.2**	**30.0**	**33.2**	**35.3**	**37.1**	**34.6**	**37.0**	**100.0**
Oil	29.6	34.1	32.8	32.5	27.1	30.8	28.1	30.2	30.5	29.1	78.7
Gas	0.6	0.3	1.1	3.8	2.9	2.4	7.2	6.8	4.1	7.9	21.3
Gasoline	5.4	4.9	4.5	5.0	3.4	3.8	4.5	6.0	6.5	4.5	12.3
Diesel	11.9	12.5	11.8	11.2	9.4	11.3	10.1	10.9	11.7	11.7	31.5
Heating Oil	4.0	6.0	5.5	4.1	3.2	3.0	2.4	1.8	1.2	1.0	2.8
Aviation Jet	0.8	1.8	1.6	2.2	1.1	0.6	0.8	1.3	1.4	1.7	4.6
LPG	0.9	0.9	0.7	0.8	0.9	1.0	1.0	1.0	1.1	1.2	3.3
CO_2 Emissions *(Million tons CO_2)*	**84.8**	**84.3**	**85.2**	**84.7**	**78.8**	**82.0**	**75.9**	**73.3**	**74.1**	**74.6**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**161.3**	**158.1**	**156.7**	**152.1**	**148.7**	**145.6**	**129.2**	**123.3**	**123.4**	**122.9**	**-**
Final energy intensity *(toe/million $15ppp)*	**61.0**	**59.7**	**59.0**	**56.7**	**56.9**	**57.1**	**50.2**	**49.0**	**49.5**	**48.6**	**-**
Total energy intensity *(toe/million $15ppp)*	**105.8**	**103.8**	**98.1**	**98.7**	**95.6**	**98.9**	**86.4**	**80.1**	**80.6**	**77.6**	**-**

**Heat is included*

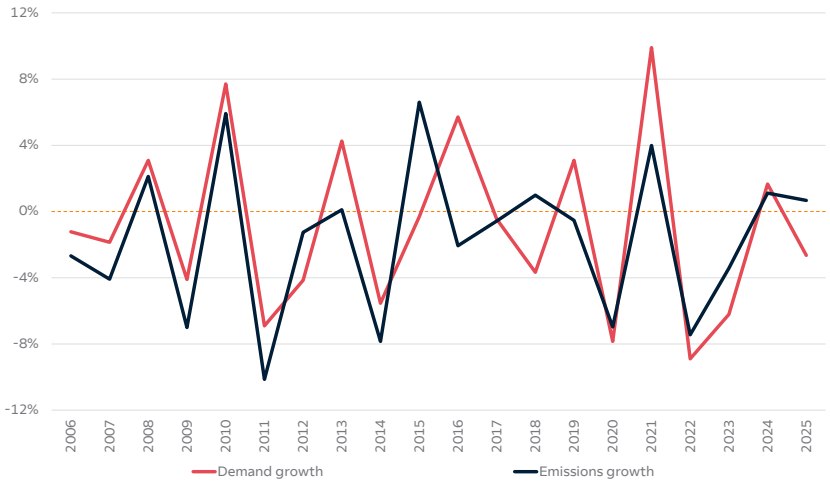
Primary energy demand mix



Electricity generation by source



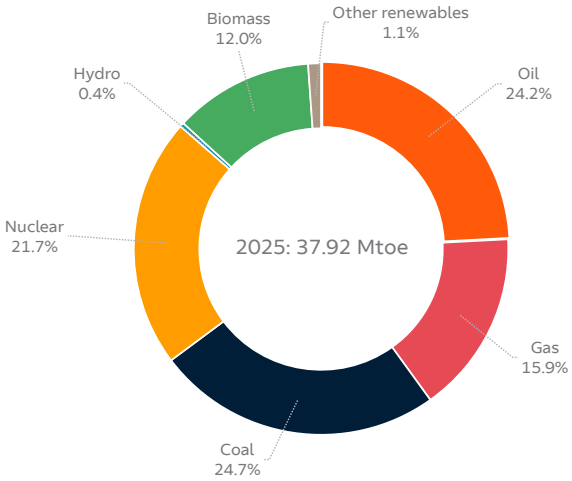
Primary energy demand and CO_2 emissions growth



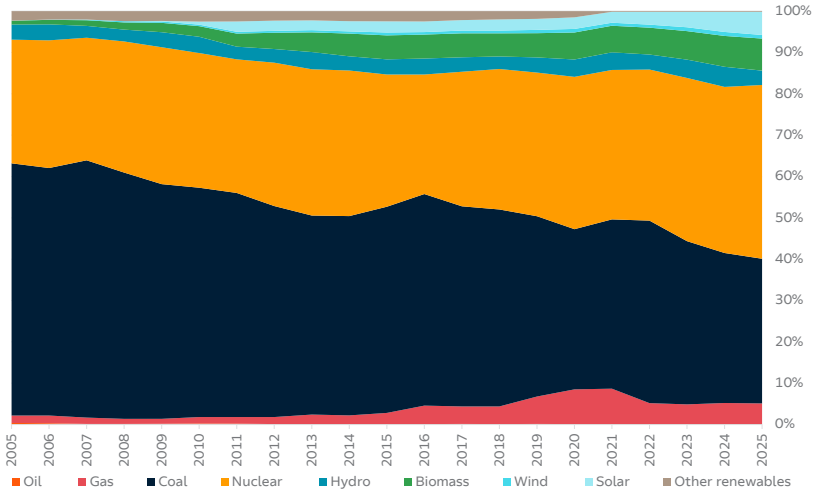
Czech Republic *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**41.6**	**43.4**	**43.5**	**42.8**	**40.3**	**42.7**	**41.7**	**37.9**	**37.3**	**37.9**	**100.0**
Oil	8.0	9.3	9.4	9.5	8.5	9.3	9.5	9.3	9.5	9.3	24.5
Gas	7.0	7.2	6.8	7.2	7.3	7.8	6.3	5.5	5.8	6.1	16.2
Coal	16.6	15.9	15.8	14.3	12.3	12.8	13.6	10.8	9.5	9.5	25.1
Nuclear	6.3	7.4	7.8	7.9	7.8	8.0	8.1	7.9	7.7	8.4	22.0
Hydro	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.4
Biomass	4.2	4.3	4.3	4.6	4.8	5.1	4.9	4.6	4.7	4.6	12.2
Other renewables	0.2	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.4	1.1
Electricity balance of trade*	-0.9	-1.1	-1.1	-1.1	-0.8	-0.9	-1.1	-0.7	-0.5	-0.6	-1.5
Total final consumption, by source	**25.3**	**27.2**	**26.9**	**26.9**	**25.9**	**27.8**	**26.4**	**24.6**	**24.5**	**24.6**	**100.0**
Oil	7.7	9.1	9.2	9.2	8.4	9.2	9.3	9.1	9.4	9.2	37.4
Gas	5.4	5.6	5.3	5.3	5.3	5.6	4.8	4.3	4.3	4.7	18.9
Coal	2.3	2.4	2.3	2.0	1.9	2.1	1.9	1.6	1.2	1.2	5.0
Electricity	4.8	4.9	5.0	5.0	4.9	5.2	5.0	4.8	4.7	4.9	19.8
Heat	2.1	2.2	2.1	2.0	2.0	2.2	2.0	1.8	1.7	1.6	6.5
Biomass	3.0	3.0	3.1	3.3	3.4	3.7	3.5	3.1	3.1	3.0	12.3
Electricity generation, by source	**7.2**	**7.5**	**7.6**	**7.5**	**7.0**	**7.3**	**7.3**	**6.6**	**6.4**	**6.6**	**100.0**
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Gas	0.3	0.3	0.3	0.5	0.6	0.6	0.4	0.3	0.3	0.3	5.0
Coal	3.7	3.6	3.6	3.3	2.7	3.0	3.2	2.6	2.3	2.3	35.0
Nuclear	2.1	2.4	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.8	42.0
Hydro	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	3.5
Biomass	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	7.7
Wind	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.9
Solar	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	5.6
Other renewables	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2
Total final consumption, by sector	**25.3**	**27.2**	**26.9**	**26.9**	**25.9**	**27.8**	**26.4**	**24.6**	**24.5**	**24.6**	**100.0**
Industry	6.4	6.7	6.7	6.6	6.5	7.0	6.5	5.9	5.6	5.6	22.9
Transport	6.4	6.6	6.7	6.8	6.4	6.8	6.9	7.0	7.3	7.5	30.5
Residential/Comercial	10.1	10.3	10.0	10.0	9.9	10.6	9.7	8.7	8.5	8.8	35.9
Oil final consumption, by sector	**7.7**	**9.1**	**9.2**	**9.2**	**8.4**	**9.2**	**9.3**	**9.1**	**9.4**	**9.2**	**100.0**
Industry	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	2.2
Transport	5.9	6.1	6.1	6.2	5.7	6.2	6.3	6.5	6.7	6.9	75.2
Residential/Comercial	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8
Natural gas final consumption, by sector	**5.4**	**5.6**	**5.3**	**5.3**	**5.3**	**5.6**	**4.8**	**4.3**	**4.3**	**4.7**	**100.0**
Industry	2.0	2.1	2.0	2.0	2.0	2.2	2.0	1.8	1.8	1.9	40.6
Transport	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.8
Residential/Comercial	3.1	3.2	3.0	3.0	2.9	3.1	2.6	2.3	2.4	2.6	55.1
Refined products consumption	**7.7**	**9.1**	**9.2**	**9.2**	**8.4**	**9.2**	**9.3**	**9.1**	**9.4**	**9.2**	**100.0**
Gasoline	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.7	1.8	1.8	19.5
Diesel	4.6	4.7	4.8	4.9	4.6	4.9	5.0	5.1	5.2	5.4	58.5
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.5
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
LPG	0.3	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	4.0
Imports	**17.0**	**19.1**	**18.6**	**19.7**	**16.8**	**18.6**	**18.7**	**17.4**	**16.4**	**18.2**	**100.0**
Oil	10.3	11.8	12.0	11.9	10.5	11.4	11.5	11.6	11.5	12.1	66.4
Gas	6.7	7.3	6.6	7.9	6.3	7.2	7.2	5.8	4.8	6.1	33.6
Gasoline	0.8	0.6	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.9	4.9
Diesel	2.9	2.1	2.4	2.2	2.6	2.7	2.4	2.6	3.1	3.3	18.0
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Aviation Jet	0.3	0.2	0.3	0.3	0.1	0.1	0.2	0.1	0.2	0.2	1.1
LPG	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.6
Exports	**2.2**	**2.4**	**2.2**	**2.2**	**1.8**	**2.2**	**1.8**	**2.1**	**1.7**	**2.3**	**100.0**
Oil	2.2	2.4	2.2	2.2	1.8	2.2	1.8	2.1	1.7	2.3	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.4	0.6	0.6	0.6	0.4	0.6	0.5	0.6	0.5	0.7	29.7
Diesel	0.8	0.9	0.8	0.8	0.8	1.0	0.7	0.8	0.6	0.9	39.0
Heating Oil	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	2.4
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	5.9
CO_2 Emissions *(Million tons CO_2)*	**99.4**	**100.3**	**99.2**	**94.2**	**86.2**	**91.1**	**89.6**	**78.9**	**73.7**	**75.0**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**269.5**	**258.5**	**248.6**	**228.0**	**220.2**	**223.7**	**214.1**	**188.6**	**174.1**	**172.9**	**-**
Final energy intensity *(toe/million $15ppp)*	**63.8**	**62.6**	**60.2**	**58.1**	**60.1**	**61.4**	**56.7**	**53.3**	**52.2**	**52.0**	**-**
Total energy intensity *(toe/million $15ppp)*	**112.8**	**111.9**	**109.0**	**103.5**	**103.1**	**104.8**	**99.6**	**90.5**	**88.1**	**87.4**	**-**

**Heat is included*

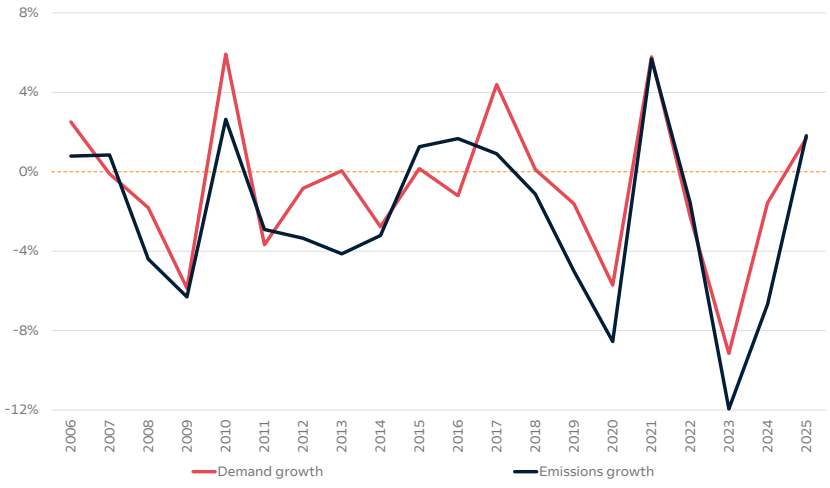
Primary energy demand mix



Electricity generation by source



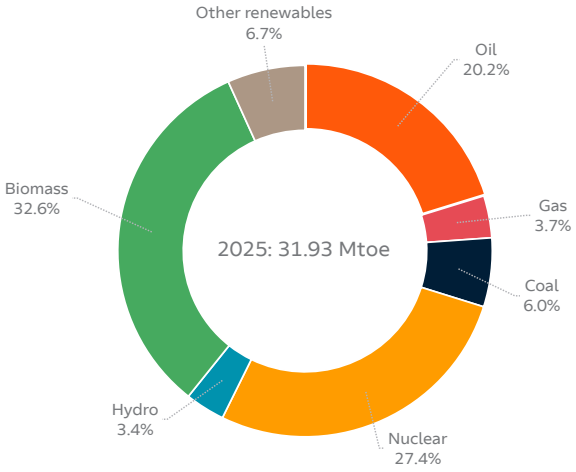
Primary energy demand and CO_2 emissions growth



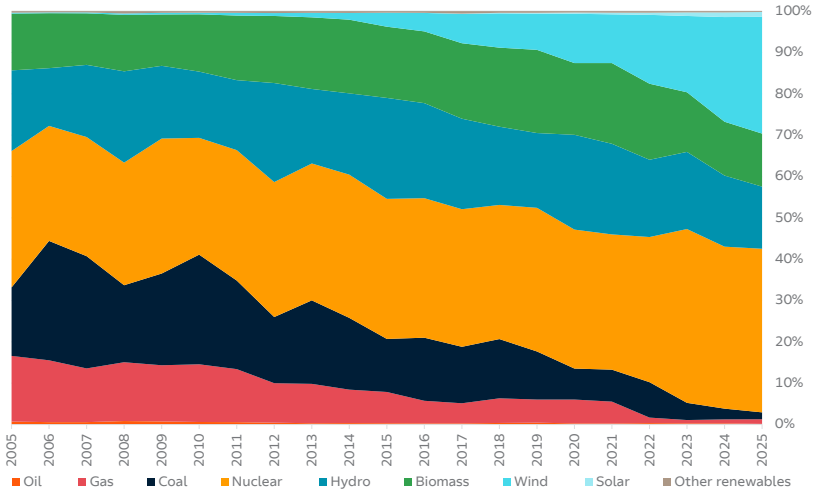
Finland *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**34.0**	**33.8**	**34.3**	**33.6**	**32.1**	**33.6**	**31.8**	**32.8**	**32.0**	**31.9**	**100.0**
Oil	8.8	8.4	8.3	7.9	7.8	7.2	7.3	7.1	6.7	6.3	19.7
Gas	2.1	1.9	2.2	2.1	2.1	2.1	1.1	1.3	1.4	1.1	3.6
Coal	4.3	4.1	4.2	3.5	2.9	3.0	3.0	2.3	1.8	1.9	5.9
Nuclear	6.0	5.9	5.9	6.2	6.1	6.1	6.6	8.9	8.5	8.5	26.8
Hydro	1.4	1.3	1.1	1.1	1.4	1.4	1.2	1.3	1.2	1.1	3.4
Biomass	9.3	9.8	10.1	10.3	9.6	11.2	10.2	10.1	9.9	10.2	31.8
Other renewables	0.3	0.4	0.5	0.5	0.7	0.8	1.1	1.4	1.9	2.1	6.6
Electricity balance of trade*	1.9	2.0	1.9	1.9	1.5	1.8	1.3	0.4	0.6	0.8	2.4
Total final consumption, by source	**25.5**	**25.5**	**25.8**	**25.6**	**24.2**	**25.4**	**23.7**	**22.6**	**22.5**	**22.8**	**100.0**
Oil	7.8	7.5	7.5	7.3	7.1	6.6	6.6	5.9	6.0	5.9	25.8
Gas	0.6	0.7	0.6	0.7	0.7	0.8	0.7	0.6	0.5	0.5	2.1
Coal	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	1.2
Electricity	7.0	7.0	7.1	7.0	6.6	7.1	6.6	6.4	6.5	6.6	29.1
Heat	4.1	4.0	4.0	3.9	3.6	4.1	3.9	3.9	3.8	3.8	16.7
Biomass	5.5	5.9	6.1	6.2	5.8	6.4	5.6	5.6	5.5	5.7	25.2
Electricity generation, by source	**5.9**	**5.8**	**6.0**	**5.9**	**6.0**	**6.2**	**6.2**	**7.0**	**7.2**	**7.1**	**100.0**
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Gas	0.3	0.3	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.1	1.1
Coal	0.9	0.8	0.9	0.7	0.4	0.5	0.5	0.3	0.2	0.1	1.7
Nuclear	2.0	1.9	2.0	2.1	2.0	2.0	2.2	3.0	2.8	2.8	39.6
Hydro	1.4	1.3	1.1	1.1	1.4	1.4	1.2	1.3	1.2	1.1	15.0
Biomass	1.0	1.1	1.2	1.2	1.0	1.2	1.1	1.0	0.9	0.9	12.8
Wind	0.3	0.4	0.5	0.5	0.7	0.7	1.0	1.3	1.8	2.0	28.2
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	1.2
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Total final consumption, by sector	**25.5**	**25.5**	**25.8**	**25.6**	**24.2**	**25.4**	**23.7**	**22.6**	**22.5**	**22.8**	**100.0**
Industry	10.4	10.6	11.0	10.9	10.2	10.7	9.7	9.2	9.1	9.3	40.8
Transport	4.3	4.3	4.3	4.3	4.0	4.1	3.9	3.9	3.9	3.8	16.6
Residential/Comercial	8.2	8.1	8.2	8.0	7.5	8.3	7.8	7.5	7.5	7.6	33.5
Oil final consumption, by sector	**7.8**	**7.5**	**7.5**	**7.3**	**7.1**	**6.6**	**6.6**	**5.9**	**6.0**	**5.9**	**100.0**
Industry	1.1	1.1	1.1	1.0	0.9	0.9	1.0	0.9	0.8	0.8	14.2
Transport	4.1	3.8	3.9	3.8	3.5	3.3	3.3	3.2	3.2	3.1	52.9
Residential/Comercial	0.6	0.6	0.5	0.5	0.4	0.5	0.4	0.3	0.3	0.3	4.4
Natural gas final consumption, by sector	**0.6**	**0.7**	**0.6**	**0.7**	**0.7**	**0.8**	**0.7**	**0.6**	**0.5**	**0.5**	**100.0**
Industry	0.5	0.6	0.6	0.6	0.6	0.7	0.6	0.5	0.5	0.4	91.9
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
Residential/Comercial	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	3.3
Refined products consumption	**7.8**	**7.5**	**7.5**	**7.3**	**7.1**	**6.6**	**6.6**	**5.9**	**6.0**	**5.9**	**100.0**
Gasoline	1.4	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.2	1.2	19.7
Diesel	4.0	3.9	3.9	3.8	3.7	3.4	3.4	3.1	3.1	2.9	49.5
Heating Oil	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	1.8
Aviation Jet	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.8
LPG	1.1	1.1	1.1	1.2	1.2	1.1	1.1	0.9	1.1	1.2	20.5
Imports	**20.5**	**19.9**	**20.2**	**20.2**	**19.4**	**15.9**	**17.4**	**16.4**	**15.8**	**17.2**	**100.0**
Oil	18.5	18.0	18.0	18.1	17.3	13.8	16.2	15.0	14.4	16.0	93.5
Gas	2.1	1.9	2.2	2.1	2.1	2.1	1.1	1.3	1.4	1.1	6.5
Gasoline	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.7	0.6	3.8
Diesel	2.0	1.8	1.6	1.6	2.0	1.6	1.9	1.6	1.8	1.7	9.8
Heating Oil	1.2	0.9	0.4	0.6	0.4	0.6	0.9	0.1	0.2	0.2	1.3
Aviation Jet	0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.0	0.2	0.0	0.0
LPG	0.8	0.8	0.9	0.9	0.9	1.0	1.2	0.8	1.0	1.0	5.9
Exports	**9.2**	**9.1**	**9.0**	**9.7**	**8.9**	**6.6**	**8.0**	**8.1**	**7.0**	**8.8**	**100.0**
Oil	9.2	9.1	9.0	9.7	8.9	6.6	8.0	8.1	7.0	8.8	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	3.1	3.2	3.1	3.5	3.1	2.5	3.3	3.0	2.5	2.9	33.7
Diesel	3.9	3.8	3.7	3.9	3.5	2.3	2.3	2.9	2.5	3.3	37.9
Heating Oil	1.3	1.1	1.1	1.1	1.1	0.9	1.4	1.3	1.1	1.3	15.1
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
CO_2 Emissions *(Million tons CO_2)*	**44.9**	**42.4**	**43.4**	**40.5**	**35.8**	**35.6**	**33.6**	**29.5**	**27.1**	**25.9**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**188.9**	**172.6**	**174.9**	**160.9**	**145.9**	**141.1**	**132.2**	**117.3**	**108.0**	**103.0**	**-**
Final energy intensity *(toe/million $15ppp)*	**100.8**	**98.0**	**98.1**	**96.0**	**92.1**	**95.3**	**87.8**	**85.6**	**85.2**	**86.0**	**-**
Total energy intensity *(toe/million $15ppp)*	**143.0**	**137.8**	**138.3**	**133.6**	**130.7**	**133.2**	**125.2**	**130.3**	**127.3**	**126.9**	**-**

**Heat is included*

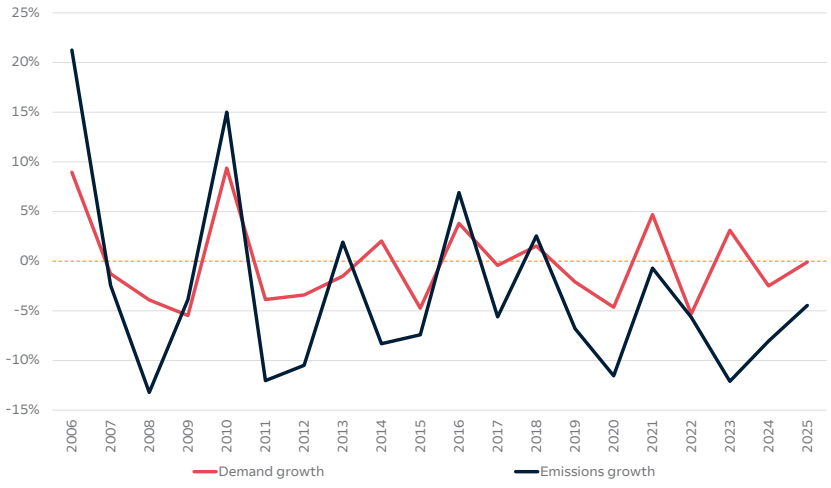
Primary energy demand mix



Electricity generation by source



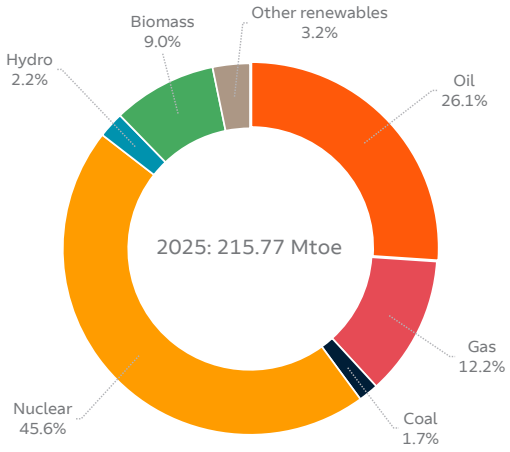
Primary energy demand and CO_2 emissions growth



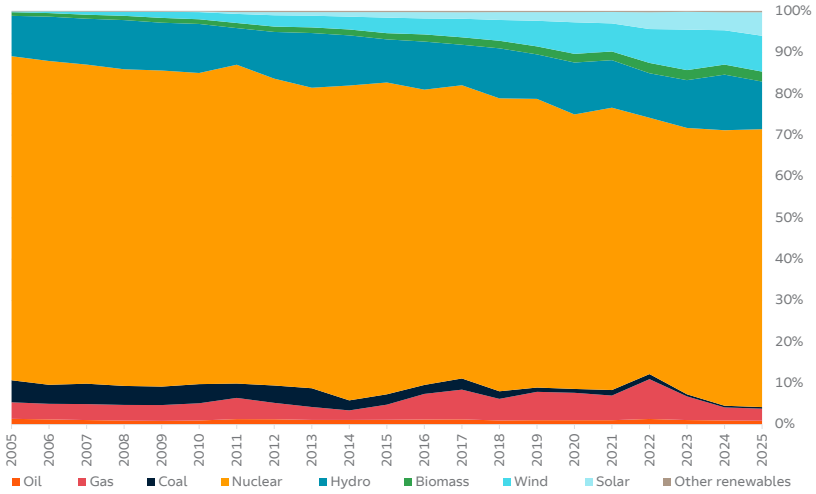
France *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**247.0**	**246.7**	**245.0**	**241.4**	**218.4**	**234.5**	**210.5**	**214.1**	**217.8**	**215.8**	**100.0**
Oil	71.9	72.2	69.2	69.7	62.1	65.9	64.3	64.5	61.2	58.2	27.0
Gas	38.3	38.5	36.8	37.6	35.0	37.3	33.6	29.8	28.0	27.1	12.6
Coal	9.1	9.9	9.1	7.3	5.3	7.1	6.0	4.7	4.1	3.9	1.8
Nuclear	105.1	103.8	107.6	104.0	92.2	98.9	76.8	88.1	99.1	101.6	47.1
Hydro	5.2	4.3	5.6	4.9	5.4	5.1	3.9	4.9	6.1	5.0	2.3
Biomass	17.8	17.8	17.9	18.2	17.0	18.9	18.9	19.4	19.9	20.1	9.3
Other renewables	2.6	2.9	3.5	4.1	4.6	4.6	5.0	6.4	6.2	7.2	3.3
Electricity balance of trade*	-3.1	-2.9	-4.8	-4.3	-3.2	-3.2	2.0	-3.6	-7.0	-7.3	-3.4
Total final consumption, by source	**155.9**	**155.5**	**152.4**	**150.6**	**138.2**	**150.2**	**140.7**	**135.5**	**135.2**	**133.5**	**100.0**
Oil	68.9	69.5	67.0	66.6	59.1	64.7	62.1	60.3	59.9	58.6	43.9
Gas	31.2	30.4	29.9	29.1	27.3	29.7	25.2	23.3	23.5	22.7	17.0
Coal	1.4	1.4	1.5	1.2	1.1	1.3	1.0	0.9	0.7	0.7	0.5
Electricity	38.1	37.8	37.6	37.1	35.4	37.2	35.6	34.2	34.3	34.7	26.0
Heat	3.7	3.8	3.8	4.0	3.9	4.4	4.3	4.0	4.0	4.0	3.0
Biomass	12.6	12.6	12.6	12.6	11.5	12.9	12.5	12.7	12.8	12.7	9.5
Electricity generation, by source	**48.5**	**48.3**	**50.1**	**49.1**	**45.8**	**47.8**	**40.9**	**45.1**	**49.1**	**49.9**	**100.0**
Oil	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9
Gas	3.0	3.5	2.6	3.4	3.0	2.9	3.9	2.6	1.6	1.5	2.9
Coal	1.1	1.3	0.9	0.5	0.4	0.6	0.5	0.2	0.2	0.2	0.4
Nuclear	34.7	34.3	35.5	34.3	30.4	32.6	25.3	29.1	32.7	33.5	67.2
Hydro	5.6	4.7	6.1	5.3	5.8	5.5	4.4	5.2	6.6	5.7	11.5
Biomass	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.2	1.2	2.4
Wind	1.9	2.2	2.5	3.0	3.5	3.2	3.4	4.4	4.1	4.3	8.7
Solar	0.7	0.8	1.0	1.0	1.1	1.3	1.7	1.9	2.1	2.8	5.7
Other renewables	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3
Total final consumption, by sector	**155.9**	**155.5**	**152.4**	**150.6**	**138.2**	**150.2**	**140.7**	**135.5**	**135.2**	**133.5**	**100.0**
Industry	28.7	28.0	28.1	27.6	25.5	27.6	26.0	24.5	24.1	23.2	17.4
Transport	47.0	47.3	46.5	46.2	38.9	44.3	45.7	44.6	44.7	44.5	33.3
Residential/Comercial	61.8	61.3	59.6	58.5	56.2	60.0	53.5	50.6	50.6	50.9	38.1
Oil final consumption, by sector	**68.9**	**69.5**	**67.0**	**66.6**	**59.1**	**64.7**	**62.1**	**60.3**	**59.9**	**58.6**	**100.0**
Industry	3.0	2.9	2.7	2.9	2.7	2.7	2.9	2.8	2.5	2.3	4.0
Transport	43.0	43.1	42.4	42.0	35.3	40.3	41.4	40.1	40.0	39.8	67.8
Residential/Comercial	7.3	7.3	6.7	6.3	6.1	6.0	4.8	4.1	4.2	4.1	7.0
Natural gas final consumption, by sector	**31.2**	**30.4**	**29.9**	**29.1**	**27.3**	**29.7**	**25.2**	**23.3**	**23.5**	**22.7**	**100.0**
Industry	11.2	10.5	10.7	10.2	9.3	10.5	9.1	8.3	8.6	8.1	35.7
Transport	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	1.7
Residential/Comercial	18.6	18.4	17.7	17.3	16.6	17.9	14.8	13.6	13.4	13.1	57.7
Refined products consumption	**68.9**	**69.5**	**67.0**	**66.6**	**59.1**	**64.6**	**62.1**	**60.3**	**59.9**	**58.6**	**100.0**
Gasoline	7.4	7.6	7.8	8.3	7.2	8.6	9.4	10.0	10.8	11.2	19.1
Diesel	45.5	45.3	43.5	42.1	37.2	40.2	39.1	36.5	35.2	34.3	58.5
Heating Oil	0.6	0.4	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.5
Aviation Jet	1.7	1.8	1.9	1.9	1.2	1.6	1.9	1.8	1.8	1.8	3.1
LPG	4.3	4.2	4.3	4.7	3.8	3.9	3.4	3.8	3.6	3.2	5.4
Imports	**138.6**	**142.1**	**139.0**	**142.6**	**117.9**	**120.9**	**132.8**	**125.7**	**121.3**	**121.5**	**100.0**
Oil	99.2	100.8	97.2	95.3	77.6	80.6	83.3	84.5	84.1	81.4	67.0
Gas	39.3	41.2	41.7	47.3	40.3	40.3	49.4	41.2	37.2	40.1	33.0
Gasoline	1.3	1.5	1.4	1.6	1.4	2.7	3.1	2.7	2.9	2.4	2.0
Diesel	22.8	22.3	22.8	24.8	24.9	25.0	22.0	20.2	19.6	16.3	13.4
Heating Oil	4.0	3.4	3.3	2.8	1.9	1.5	1.6	1.3	1.2	1.2	1.0
Aviation Jet	4.7	4.5	5.9	6.2	4.1	5.1	5.7	5.7	6.1	6.4	5.3
LPG	3.8	3.6	3.5	3.7	3.3	3.6	3.4	3.2	3.0	2.7	2.2
Exports	**22.3**	**24.2**	**23.5**	**25.7**	**20.2**	**17.5**	**27.1**	**26.8**	**28.4**	**31.8**	**100.0**
Oil	20.9	20.6	20.3	17.5	12.9	12.7	13.9	14.8	16.1	17.6	55.4
Gas	1.4	3.5	3.2	8.2	7.3	4.8	13.3	12.1	12.3	14.2	44.6
Gasoline	4.8	4.6	3.3	2.8	2.3	2.2	1.8	1.6	2.0	1.5	4.8
Diesel	2.1	2.6	2.2	2.6	1.5	1.5	1.4	2.2	3.0	2.6	8.1
Heating Oil	5.6	4.6	4.7	3.7	2.5	2.6	3.5	3.4	3.2	4.2	13.3
Aviation Jet	1.0	1.2	2.0	1.8	1.5	1.7	1.3	1.2	1.5	1.9	6.0
LPG	1.3	1.3	1.2	1.0	1.0	1.0	1.2	0.9	1.0	1.2	3.8
CO_2 Emissions *(Million tons CO_2)*	**303.3**	**308.5**	**301.7**	**294.6**	**260.9**	**286.6**	**277.6**	**255.3**	**248.8**	**243.6**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**110.4**	**110.0**	**105.9**	**101.3**	**97.0**	**99.7**	**94.1**	**85.7**	**82.6**	**80.1**	**-**
Final energy intensity *(toe/million $15ppp)*	**51.8**	**50.4**	**48.8**	**47.2**	**46.7**	**47.7**	**44.2**	**41.9**	**41.3**	**40.7**	**-**
Total energy intensity *(toe/million $15ppp)*	**89.9**	**88.0**	**86.0**	**83.0**	**81.2**	**81.5**	**71.4**	**71.9**	**72.3**	**71.0**	**-**

**Heat is included*

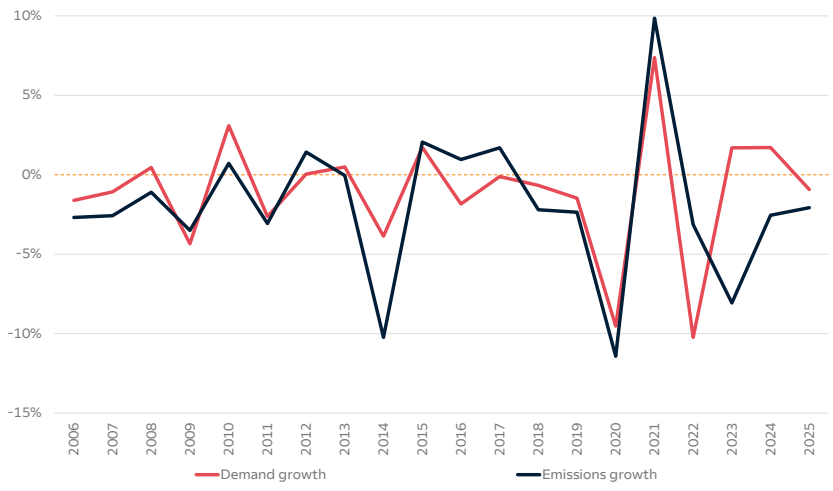
Primary energy demand mix



Electricity generation by source



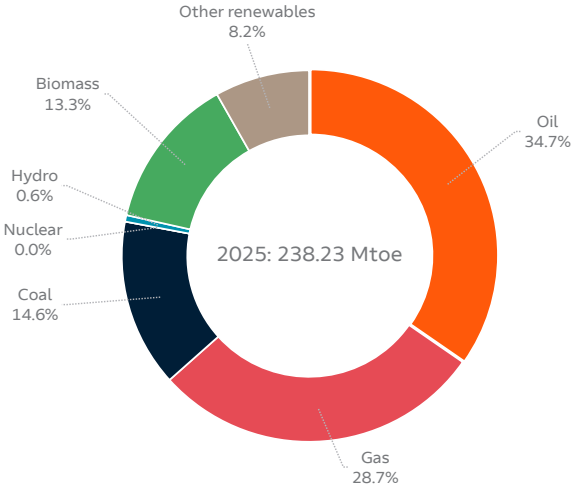
Primary energy demand and CO_2 emissions growth



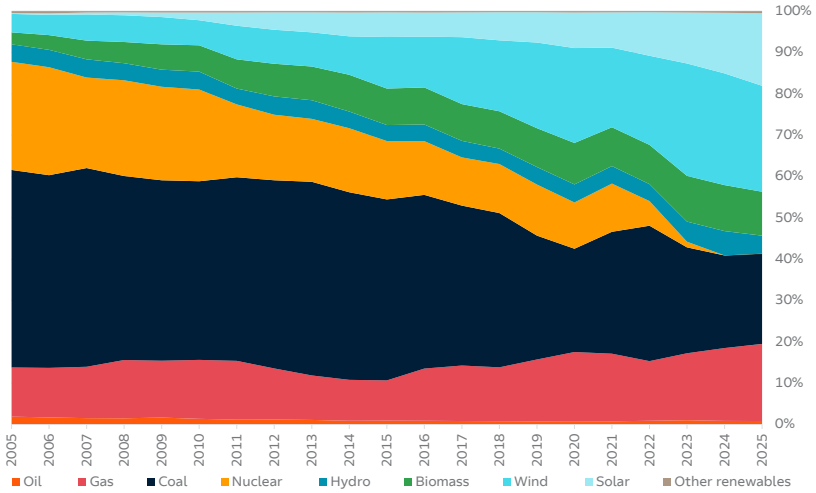
Germany *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**310.5**	**311.4**	**303.7**	**296.9**	**278.8**	**289.2**	**272.4**	**244.7**	**241.3**	**238.2**	**100.0**
Oil	101.7	103.2	98.2	99.8	94.5	91.3	90.7	83.5	83.1	81.6	34.3
Gas	70.3	75.3	73.5	75.6	74.6	77.6	67.7	64.9	65.7	67.6	28.4
Coal	77.2	71.4	69.6	56.4	44.7	53.9	55.7	42.0	37.9	34.4	14.4
Nuclear	22.1	19.9	19.8	19.6	16.8	18.0	9.0	1.9	0.0	0.0	0.0
Hydro	1.8	1.7	1.5	1.7	1.6	1.7	1.5	1.7	2.0	1.3	0.6
Biomass	30.5	30.8	30.8	30.9	31.5	32.8	32.8	30.9	30.6	31.3	13.1
Other renewables	10.1	12.5	13.2	14.6	15.6	14.2	16.0	17.7	18.4	19.2	8.1
Electricity balance of trade*	-3.3	-3.5	-3.0	-1.7	-0.4	-0.4	-1.1	2.1	3.5	2.9	1.2
Total final consumption, by source	**224.1**	**227.0**	**221.2**	**221.2**	**214.1**	**219.1**	**207.6**	**194.0**	**194.4**	**192.8**	**100.0**
Oil	92.1	93.6	88.6	90.3	85.7	83.1	81.6	76.1	77.9	75.0	38.9
Gas	55.0	56.1	56.3	56.0	54.8	59.8	51.7	47.4	46.4	47.4	24.6
Coal	7.1	7.0	6.5	6.0	6.0	5.6	6.0	5.4	5.0	4.7	2.4
Electricity	44.5	44.6	43.8	42.7	41.5	43.0	41.0	39.9	40.1	39.4	20.4
Heat	10.5	10.6	10.4	10.4	9.8	10.7	9.8	9.5	9.5	9.8	5.1
Biomass	14.8	15.1	15.7	15.9	16.3	17.0	17.5	15.7	15.5	16.5	8.5
Electricity generation, by source	**55.9**	**56.2**	**55.1**	**52.2**	**49.5**	**51.0**	**49.8**	**44.9**	**44.2**	**44.6**	**100.0**
Oil	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.8
Gas	7.1	7.5	7.2	7.8	8.3	8.3	7.2	7.3	7.8	8.3	18.7
Coal	23.5	21.7	20.6	15.6	12.4	15.0	16.3	11.5	9.9	9.7	21.8
Nuclear	7.3	6.6	6.5	6.5	5.5	5.9	3.0	0.6	0.0	0.0	0.0
Hydro	2.2	2.2	2.1	2.2	2.2	2.1	2.0	2.2	2.6	2.0	4.4
Biomass	5.0	5.0	5.0	4.9	5.0	4.8	4.7	5.0	4.9	4.7	10.6
Wind	6.9	9.1	9.5	10.8	11.4	9.8	10.7	12.2	11.9	11.4	25.6
Solar	3.3	3.4	3.7	3.8	4.3	4.3	5.2	5.5	6.5	7.8	17.6
Other renewables	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.5
Total final consumption, by sector	**224.1**	**227.0**	**221.2**	**221.2**	**214.1**	**219.1**	**207.6**	**194.0**	**194.4**	**192.8**	**100.0**
Industry	57.8	58.5	57.5	55.5	54.5	55.7	52.5	49.1	47.4	46.6	24.2
Transport	56.9	57.6	58.6	59.3	54.3	53.3	53.9	52.1	52.2	50.4	26.1
Residential/Comercial	84.0	84.3	82.5	83.9	83.2	85.7	80.3	74.5	74.2	76.0	39.4
Oil final consumption, by sector	**92.1**	**93.6**	**88.6**	**90.3**	**85.7**	**83.1**	**81.6**	**76.1**	**77.9**	**75.0**	**100.0**
Industry	3.6	3.3	3.3	3.2	3.4	3.2	3.3	3.4	2.1	2.1	2.8
Transport	52.9	53.5	54.2	54.9	49.4	48.8	48.8	46.9	47.4	45.8	61.0
Residential/Comercial	14.9	14.8	13.3	15.0	15.6	11.5	12.3	11.2	11.3	10.7	14.3
Natural gas final consumption, by sector	**55.0**	**56.1**	**56.3**	**56.0**	**54.8**	**59.8**	**51.7**	**47.4**	**46.4**	**47.4**	**100.0**
Industry	20.0	21.2	20.2	19.5	19.6	20.4	18.1	17.0	16.8	16.4	34.7
Transport	0.4	0.5	0.6	0.8	0.5	0.6	0.9	0.8	0.7	0.2	0.4
Residential/Comercial	31.6	31.6	32.1	31.9	31.6	35.7	30.6	27.5	27.1	29.0	61.1
Refined products consumption	**92.1**	**93.6**	**88.6**	**90.3**	**85.7**	**83.1**	**81.6**	**76.1**	**77.9**	**75.0**	**100.0**
Gasoline	17.3	17.6	19.6	19.8	18.2	18.3	18.6	18.1	18.0	17.8	23.8
Diesel	52.6	53.2	50.0	52.1	49.7	45.3	45.5	43.2	43.7	43.5	58.0
Heating Oil	1.5	1.5	1.4	1.3	1.2	1.0	0.9	0.6	0.3	0.3	0.4
Aviation Jet	0.8	0.7	0.6	0.7	0.3	0.2	0.3	0.4	0.4	0.4	0.5
LPG	2.7	3.6	3.2	3.3	3.0	3.1	2.9	2.5	2.8	2.4	3.2
Imports	**194.5**	**202.8**	**198.1**	**205.8**	**185.8**	**190.0**	**196.5**	**174.8**	**179.4**	**175.1**	**100.0**
Oil	132.2	133.9	127.5	130.2	119.3	120.0	125.8	114.8	120.0	115.6	66.0
Gas	62.3	68.8	70.5	75.7	66.5	70.0	70.7	60.0	59.4	59.5	34.0
Gasoline	1.5	2.2	2.4	3.2	1.9	2.3	1.8	3.5	3.2	3.5	2.0
Diesel	19.8	19.9	18.9	20.3	18.0	16.8	15.9	17.0	15.4	14.6	8.3
Heating Oil	2.4	2.2	2.1	1.6	1.3	1.2	1.1	1.2	1.1	1.2	0.7
Aviation Jet	5.1	6.1	6.7	6.9	3.1	4.1	6.5	6.7	6.0	6.3	3.6
LPG	0.8	1.0	1.1	1.3	1.3	1.5	1.4	1.2	1.2	1.2	0.7
Exports	**22.7**	**23.3**	**22.3**	**21.8**	**22.0**	**25.3**	**27.3**	**24.4**	**29.2**	**27.4**	**100.0**
Oil	22.7	23.3	22.3	21.8	22.0	25.3	27.3	24.4	29.2	27.4	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	5.1	5.7	5.1	4.9	5.4	6.0	6.0	5.6	6.8	6.6	24.1
Diesel	9.6	9.1	8.2	7.4	8.3	9.3	11.1	9.5	11.6	11.1	40.6
Heating Oil	2.1	1.8	2.6	2.6	2.7	3.5	3.3	3.0	3.3	2.9	10.7
Aviation Jet	0.9	1.3	1.4	1.4	0.7	1.0	1.7	1.6	1.6	1.4	5.1
LPG	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.5	0.5	1.9
CO_2 Emissions *(Million tons CO_2)*	**729.0**	**710.3**	**690.5**	**644.3**	**593.1**	**617.0**	**609.4**	**542.2**	**521.3**	**501.5**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**179.7**	**170.4**	**163.8**	**151.4**	**145.3**	**145.8**	**142.1**	**126.7**	**122.1**	**117.2**	**-**
Final energy intensity *(toe/million $15ppp)*	**49.9**	**49.0**	**48.0**	**47.5**	**47.9**	**46.9**	**44.4**	**41.9**	**41.6**	**41.3**	**-**
Total energy intensity *(toe/million $15ppp)*	**76.5**	**74.7**	**72.1**	**69.8**	**68.3**	**68.3**	**63.5**	**57.2**	**56.5**	**55.7**	**-**

**Heat is included*

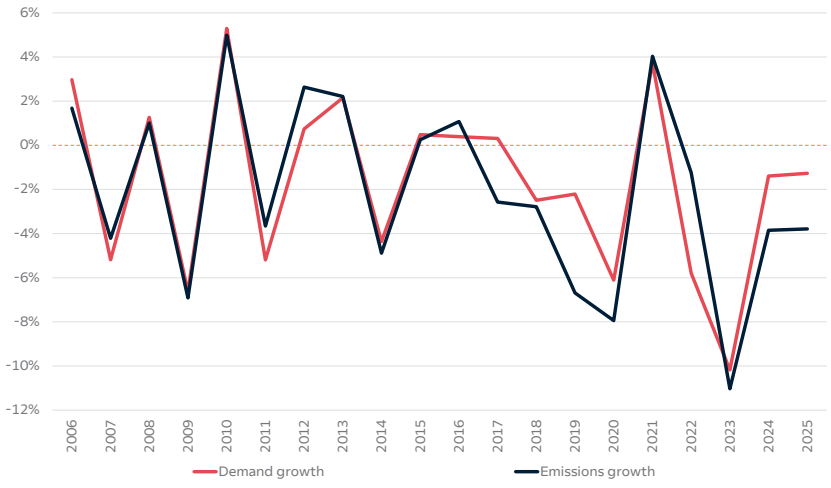
Primary energy demand mix



Electricity generation by source



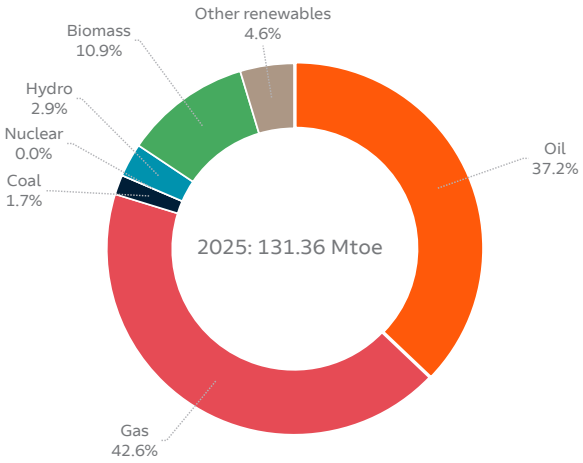
Primary energy demand and CO_2 emissions growth



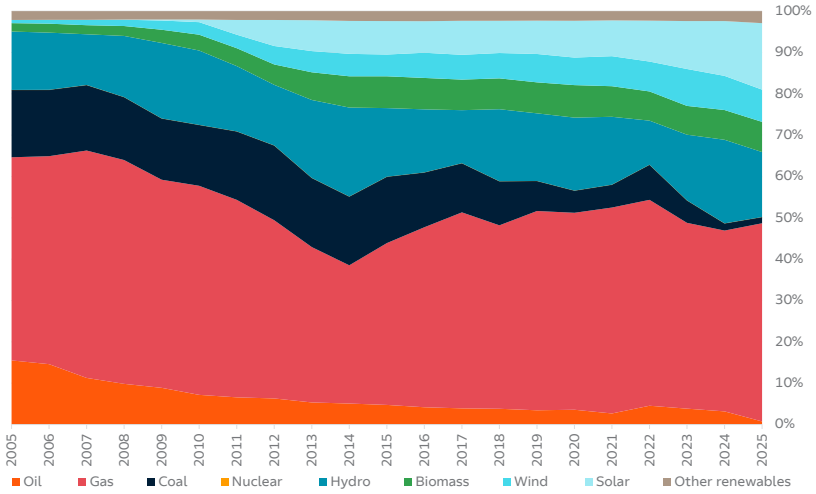
Italy *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**151.0**	**153.5**	**150.6**	**149.0**	**137.7**	**149.8**	**142.1**	**134.9**	**133.2**	**131.4**	**100.0**
Oil	51.5	52.0	50.9	50.1	43.4	49.4	48.7	48.6	47.5	45.3	34.5
Gas	58.1	61.6	59.5	61.0	58.4	62.6	56.3	50.6	50.9	51.9	39.5
Coal	11.0	9.3	8.6	6.5	5.1	5.5	7.4	4.8	2.3	2.1	1.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	3.6	3.1	4.2	4.0	4.1	3.9	2.4	3.5	4.6	3.6	2.7
Biomass	14.4	14.9	14.5	14.8	14.6	15.3	13.9	13.0	13.1	13.3	10.2
Other renewables	3.4	3.6	3.5	3.8	3.8	4.0	4.2	4.7	5.0	5.7	4.3
Electricity balance of trade*	9.0	9.0	9.4	8.9	8.4	9.2	9.2	9.8	9.8	9.5	7.2
Total final consumption, by source	**117.8**	**118.8**	**118.8**	**117.6**	**107.4**	**117.8**	**113.1**	**108.6**	**110.8**	**109.5**	**100.0**
Oil	46.1	45.5	45.9	45.3	38.3	44.1	46.1	45.0	46.4	45.4	41.4
Gas	33.9	34.6	34.2	33.7	32.5	37.3	32.1	29.9	30.3	30.3	27.7
Coal	0.9	0.6	0.8	0.7	0.5	0.4	0.4	0.4	0.4	0.3	0.3
Electricity	24.6	25.1	25.2	25.1	23.7	25.1	24.7	24.0	24.4	24.3	22.2
Heat	4.3	4.5	4.4	4.5	4.2	1.9	1.9	1.8	1.9	1.9	1.8
Biomass	8.0	8.6	8.3	8.3	8.1	9.1	8.0	7.5	7.3	7.4	6.7
Electricity generation, by source	**24.9**	**25.4**	**24.9**	**25.3**	**24.1**	**24.9**	**24.4**	**22.8**	**23.3**	**23.7**	**100.0**
Oil	1.0	1.0	0.9	0.9	0.9	0.7	1.1	0.9	0.7	0.2	0.7
Gas	10.8	12.1	11.1	12.2	11.5	12.4	12.2	10.2	10.2	11.3	47.9
Coal	3.3	3.0	2.7	1.8	1.3	1.4	2.1	1.2	0.4	0.4	1.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	3.8	3.3	4.3	4.1	4.3	4.1	2.6	3.6	4.7	3.7	15.7
Biomass	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.6	1.7	1.7	7.3
Wind	1.5	1.5	1.5	1.7	1.6	1.8	1.8	2.0	1.9	1.8	7.8
Solar	1.9	2.1	1.9	2.0	2.1	2.2	2.4	2.6	3.1	3.8	16.1
Other renewables	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.7	2.9
Total final consumption, by sector	**117.8**	**118.8**	**118.8**	**117.6**	**107.4**	**117.8**	**113.1**	**108.6**	**110.8**	**109.5**	**100.0**
Industry	24.9	24.8	24.5	24.8	23.8	26.4	24.6	23.5	22.7	23.7	21.7
Transport	36.1	34.8	35.8	36.1	29.1	34.9	36.9	37.3	38.2	38.6	35.2
Residential/Comercial	47.6	48.5	48.3	46.8	44.7	47.5	42.8	40.3	40.8	40.5	37.0
Oil final consumption, by sector	**46.1**	**45.5**	**45.9**	**45.3**	**38.3**	**44.1**	**46.1**	**45.0**	**46.4**	**45.4**	**100.0**
Industry	2.5	1.8	1.9	1.6	1.7	2.8	3.1	2.9	2.0	3.1	6.9
Transport	33.0	31.7	32.5	32.7	26.0	31.5	33.7	34.1	35.1	35.1	77.5
Residential/Comercial	2.8	2.6	2.7	2.5	2.4	2.4	2.2	2.1	1.9	2.0	4.3
Natural gas final consumption, by sector	**33.9**	**34.6**	**34.2**	**33.7**	**32.5**	**37.3**	**32.1**	**29.9**	**30.3**	**30.3**	**100.0**
Industry	8.4	8.9	8.6	8.5	8.1	11.7	10.2	9.7	9.6	9.7	32.1
Transport	1.1	1.1	1.1	1.1	1.0	1.3	1.0	1.0	1.0	0.9	3.1
Residential/Comercial	23.6	23.9	23.7	23.2	22.6	23.3	20.0	18.4	18.9	18.8	61.9
Refined products consumption	**46.1**	**45.5**	**45.9**	**45.3**	**38.3**	**44.1**	**46.1**	**45.0**	**46.4**	**45.4**	**100.0**
Gasoline	7.8	7.6	7.8	7.9	6.2	7.4	8.3	8.6	9.0	9.3	20.5
Diesel	26.1	24.6	25.6	25.2	21.0	25.1	25.5	25.2	25.6	25.4	55.9
Heating Oil	1.7	1.3	1.2	0.9	0.8	0.9	1.0	0.8	0.7	0.7	1.5
Aviation Jet	0.9	0.9	1.0	1.0	0.4	0.6	1.0	1.2	0.9	0.9	2.0
LPG	3.6	3.7	3.5	3.6	3.2	3.5	3.5	3.5	3.5	3.5	7.8
Imports	**135.2**	**142.0**	**137.1**	**138.8**	**120.1**	**131.8**	**137.7**	**127.3**	**122.4**	**122.7**	**100.0**
Oil	81.8	85.0	81.5	80.6	65.7	72.0	78.3	76.7	73.7	72.2	58.9
Gas	53.5	57.0	55.6	58.2	54.4	59.8	59.5	50.6	48.7	50.4	41.1
Gasoline	0.4	0.1	0.4	0.4	0.4	0.3	0.5	0.8	0.7	0.8	0.6
Diesel	4.5	5.1	5.4	5.3	4.7	4.9	5.1	4.6	5.9	5.6	4.6
Heating Oil	0.8	0.8	1.6	1.0	1.2	1.2	1.3	1.0	0.7	0.6	0.5
Aviation Jet	2.1	2.3	2.4	2.6	0.8	0.7	1.6	2.4	2.7	2.7	2.2
LPG	2.6	2.6	2.5	2.7	2.3	2.5	2.8	2.8	2.8	2.7	2.2
Exports	**30.1**	**32.4**	**30.2**	**28.4**	**24.0**	**28.1**	**31.9**	**30.3**	**25.8**	**27.1**	**100.0**
Oil	29.9	32.1	29.9	28.2	23.7	26.9	28.1	28.1	25.2	25.4	93.6
Gas	0.2	0.2	0.3	0.3	0.3	1.3	3.8	2.1	0.5	1.7	6.4
Gasoline	8.5	8.9	8.9	8.9	6.6	8.0	8.1	7.6	7.3	6.0	22.2
Diesel	9.5	10.4	9.1	9.8	7.8	8.2	9.7	8.7	8.0	8.1	30.0
Heating Oil	4.5	5.0	4.3	3.6	3.2	4.9	3.3	3.3	3.5	4.2	15.5
Aviation Jet	0.1	0.2	0.3	0.3	0.1	0.0	0.0	0.1	0.3	0.1	0.5
LPG	0.4	0.3	0.2	0.3	0.3	0.4	0.3	0.4	0.4	0.3	1.2
CO_2 Emissions *(Million tons CO_2)*	**323.5**	**320.0**	**315.8**	**308.1**	**274.4**	**305.9**	**310.4**	**284.3**	**271.5**	**274.7**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**141.9**	**138.1**	**135.2**	**131.3**	**128.3**	**131.4**	**127.2**	**115.6**	**109.7**	**110.3**	**-**
Final energy intensity *(toe/million $15ppp)*	**48.9**	**47.9**	**47.8**	**47.2**	**47.1**	**48.1**	**44.0**	**42.3**	**42.2**	**42.4**	**-**
Total energy intensity *(toe/million $15ppp)*	**66.2**	**66.3**	**64.5**	**63.5**	**64.4**	**64.3**	**58.2**	**54.9**	**53.8**	**52.8**	**-**

**Heat is included*

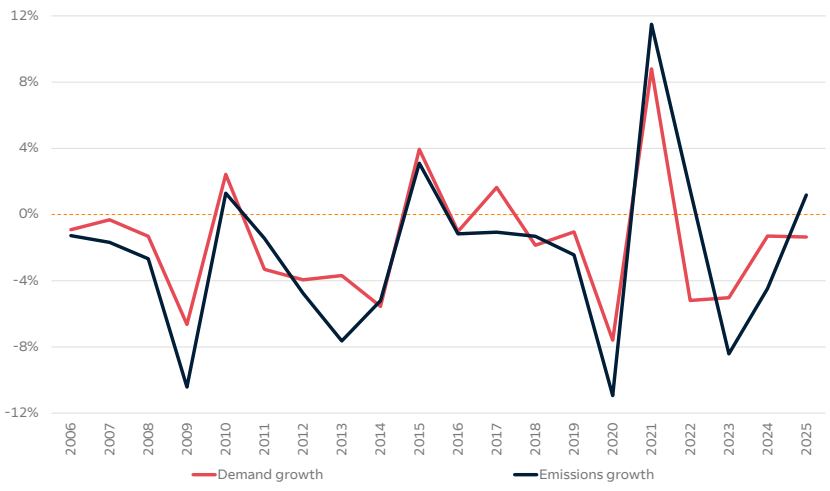
Primary energy demand mix



Electricity generation by source



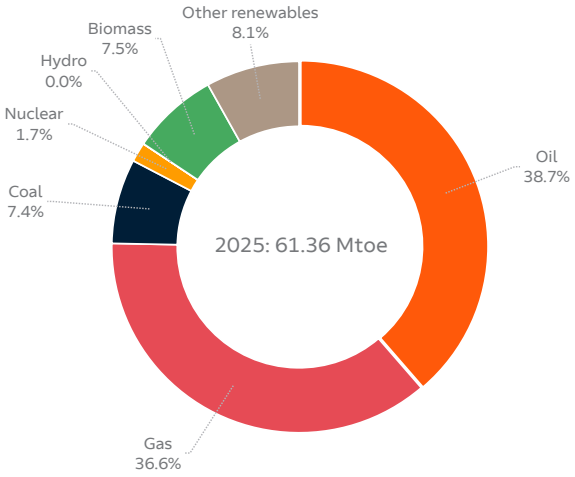
Primary energy demand and CO_2 emissions growth



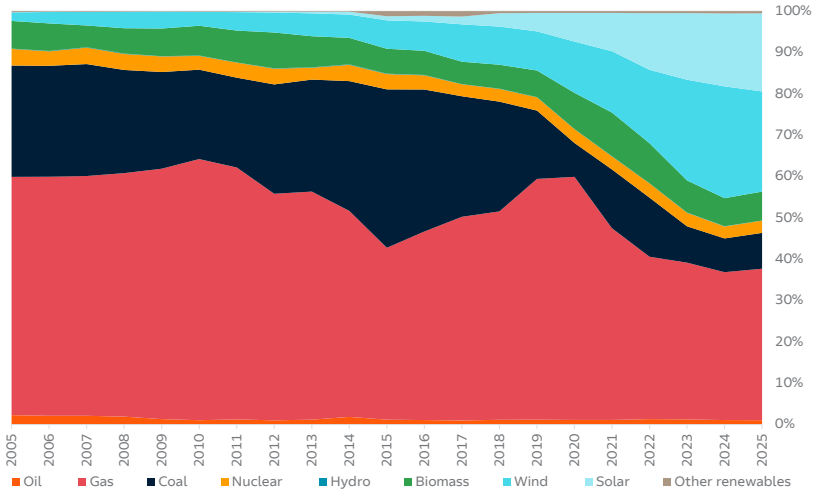
Netherlands *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**74.1**	**75.3**	**73.8**	**71.8**	**69.3**	**71.5**	**64.0**	**61.1**	**62.1**	**61.4**	**100.0**
Oil	27.3	28.2	27.3	25.8	25.1	25.7	24.5	25.2	24.6	24.0	39.1
Gas	30.1	31.3	30.9	32.2	31.6	30.4	23.6	22.5	22.8	22.7	37.0
Coal	10.3	9.2	8.3	6.4	4.1	5.6	5.5	3.8	4.1	4.6	7.5
Nuclear	1.0	0.9	0.9	1.0	1.1	1.0	1.1	1.0	0.9	1.0	1.7
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	3.7	3.9	4.2	4.4	5.0	5.8	5.8	4.5	4.7	4.7	7.6
Other renewables	0.8	1.1	1.2	1.5	2.1	2.5	3.3	4.2	4.8	5.0	8.2
Electricity balance of trade*	0.8	0.7	1.0	0.5	0.3	0.5	0.1	-0.1	0.2	-0.6	-1.0
Total final consumption, by source	**57.0**	**58.1**	**57.4**	**55.8**	**54.4**	**55.7**	**48.8**	**48.2**	**47.9**	**47.0**	**100.0**
Oil	24.3	25.0	24.4	23.0	22.8	22.5	20.8	21.5	20.8	20.4	43.4
Gas	19.8	20.1	19.6	19.3	18.4	19.8	15.2	14.3	14.0	13.5	28.8
Coal	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	1.0
Electricity	9.0	9.1	9.3	9.2	9.1	9.2	8.9	8.7	8.9	9.1	19.3
Heat	2.3	2.2	2.1	2.2	2.1	2.2	2.0	1.8	1.9	1.8	3.9
Biomass	1.1	1.2	1.5	1.6	1.5	1.6	1.5	1.4	1.8	1.8	3.7
Electricity generation, by source	**9.9**	**10.1**	**9.8**	**10.4**	**10.6**	**10.5**	**10.5**	**10.5**	**10.7**	**11.6**	**100.0**
Oil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1
Gas	4.5	5.0	5.0	6.1	6.2	4.9	4.1	4.0	3.8	4.3	36.6
Coal	3.4	2.9	2.6	1.7	0.9	1.5	1.5	0.9	0.9	1.0	8.7
Nuclear	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.3	0.3	3.0
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.6	0.5	0.6	0.7	0.9	1.1	1.0	0.8	0.7	0.8	7.0
Wind	0.7	0.9	0.9	1.0	1.3	1.6	1.9	2.5	2.9	2.8	24.2
Solar	0.1	0.2	0.3	0.5	0.7	1.0	1.4	1.7	1.9	2.2	18.9
Other renewables	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.5
Total final consumption, by sector	**57.0**	**58.1**	**57.4**	**55.8**	**54.4**	**55.7**	**48.8**	**48.2**	**47.9**	**47.0**	**100.0**
Industry	13.8	13.7	13.6	13.2	13.3	13.3	12.2	11.6	11.3	10.7	22.7
Transport	10.0	10.4	10.6	10.6	9.1	9.2	9.2	9.6	9.5	8.8	18.8
Residential/Comercial	16.5	16.3	16.2	15.7	15.1	16.3	14.0	13.2	13.1	13.3	28.3
Oil final consumption, by sector	**24.3**	**25.0**	**24.4**	**23.0**	**22.8**	**22.5**	**20.8**	**21.5**	**20.8**	**20.4**	**100.0**
Industry	3.4	3.3	3.3	3.1	3.3	3.2	3.0	3.0	2.7	2.5	12.3
Transport	9.6	9.9	9.9	9.7	8.3	8.3	8.3	8.6	8.1	7.6	37.4
Residential/Comercial	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	1.8
Natural gas final consumption, by sector	**19.8**	**20.1**	**19.6**	**19.3**	**18.4**	**19.8**	**15.2**	**14.3**	**14.0**	**13.5**	**100.0**
Industry	5.0	5.2	5.1	5.1	5.0	5.1	4.4	4.2	4.1	3.7	27.7
Transport	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6
Residential/Comercial	10.2	10.0	9.8	9.4	8.8	9.9	7.6	6.9	6.6	6.6	48.8
Refined products consumption	**22.0**	**22.8**	**22.7**	**21.5**	**21.2**	**21.0**	**19.3**	**18.8**	**18.9**	**18.8**	**100.0**
Gasoline	3.9	4.0	4.1	4.2	3.5	3.6	3.7	4.1	4.1	4.0	21.2
Diesel	6.8	6.9	6.9	6.6	6.0	5.8	5.7	5.6	5.0	4.7	25.1
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
LPG	2.3	2.0	2.3	1.9	2.1	1.7	1.6	1.9	2.1	2.4	12.5
Imports	**186.3**	**168.2**	**171.6**	**173.3**	**158.3**	**165.9**	**178.0**	**171.6**	**165.1**	**169.0**	**100.0**
Oil	156.3	151.0	149.3	147.7	132.3	143.7	150.2	142.7	140.4	140.5	83.1
Gas	30.0	17.2	22.3	25.5	25.9	22.1	27.8	28.9	24.7	28.5	16.9
Gasoline	10.2	11.1	7.9	7.5	7.8	8.6	8.0	6.8	8.1	8.2	4.8
Diesel	19.5	17.4	12.5	13.2	11.9	9.2	13.1	14.0	14.0	10.2	6.0
Heating Oil	31.0	15.7	12.8	11.5	19.5	27.2	24.4	23.6	24.0	20.5	12.1
Aviation Jet	4.6	3.8	3.5	3.6	4.2	4.6	4.0	2.8	4.3	4.8	2.8
LPG	4.0	3.5	4.3	3.6	3.6	3.4	3.4	3.7	3.9	4.1	2.4
Exports	**154.8**	**129.6**	**126.7**	**122.9**	**104.7**	**121.7**	**120.9**	**120.9**	**113.9**	**114.8**	**100.0**
Oil	115.0	111.0	109.0	105.8	92.9	109.8	108.2	106.6	102.1	101.7	88.6
Gas	39.8	18.6	17.7	17.1	11.7	11.9	12.7	14.3	11.8	13.0	11.4
Gasoline	20.1	20.8	23.8	26.6	20.9	25.3	25.2	21.5	19.4	19.5	17.0
Diesel	31.1	30.2	24.1	25.3	24.1	28.1	24.5	26.6	25.5	23.1	20.2
Heating Oil	31.1	14.8	11.1	9.5	18.1	23.8	23.7	22.2	20.6	17.8	15.5
Aviation Jet	8.5	7.8	8.5	8.4	6.2	5.7	8.0	8.6	9.2	10.8	9.4
LPG	2.6	2.2	2.4	2.3	2.1	2.5	2.2	2.3	2.0	2.0	1.8
CO_2 Emissions *(Million tons CO_2)*	**156.2**	**153.3**	**149.2**	**143.5**	**128.3**	**132.1**	**118.9**	**110.1**	**105.8**	**110.8**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**176.6**	**168.6**	**160.5**	**150.9**	**140.4**	**136.0**	**116.5**	**107.9**	**102.7**	**106.0**	**-**
Final energy intensity *(toe/million $15ppp)*	**50.0**	**48.8**	**48.0**	**46.1**	**45.5**	**44.1**	**37.7**	**36.7**	**36.0**	**34.6**	**-**
Total energy intensity *(toe/million $15ppp)*	**83.8**	**82.9**	**79.4**	**75.5**	**75.8**	**73.6**	**62.8**	**59.9**	**60.3**	**58.7**	**-**

**Heat is included*

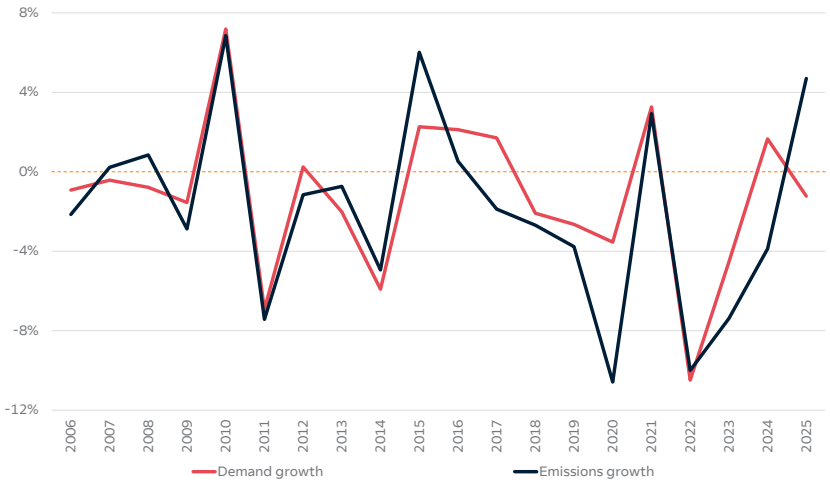
Primary energy demand mix



Electricity generation by source



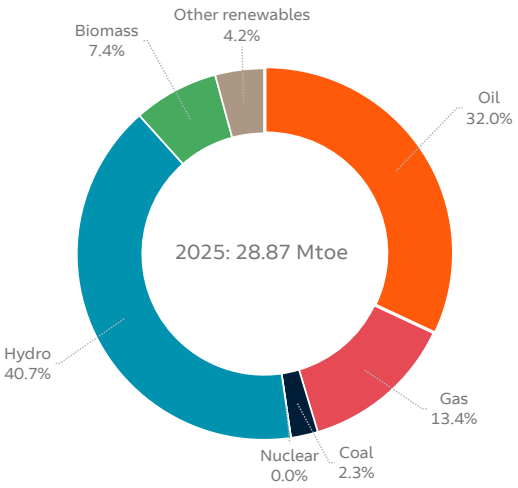
Primary energy demand and CO_2 emissions growth



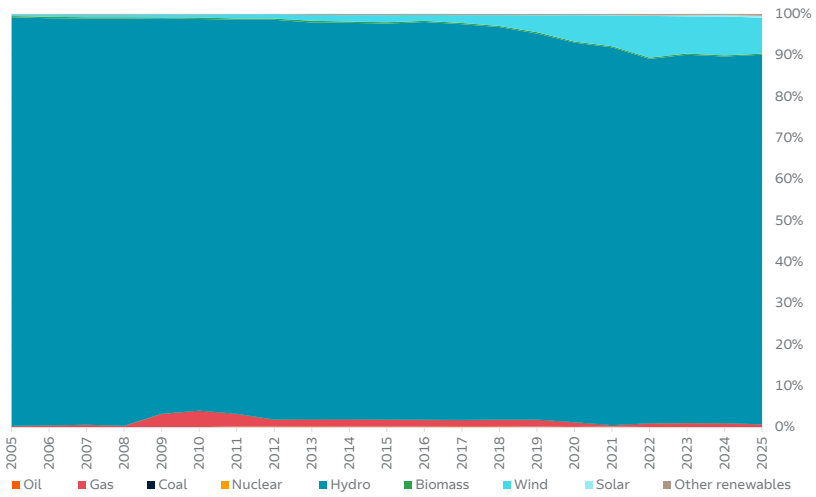
Norway *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**28.0**	**29.5**	**29.4**	**28.0**	**28.2**	**28.4**	**25.9**	**27.1**	**27.0**	**28.9**	**100.0**
Oil	8.8	10.4	9.7	8.8	8.9	8.6	7.0	7.9	8.2	9.8	34.0
Gas	5.7	5.0	5.5	5.0	5.1	4.8	4.5	4.7	4.0	4.1	14.2
Coal	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	2.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	12.3	12.2	12.0	10.8	12.2	12.4	11.0	11.8	12.0	12.5	43.2
Biomass	1.6	1.9	1.8	2.0	1.9	2.1	2.1	2.2	2.2	2.3	7.8
Other renewables	0.2	0.2	0.3	0.5	0.9	1.0	1.3	1.2	1.3	1.3	4.5
Electricity balance of trade*	-1.3	-1.2	-0.7	0.1	-1.6	-1.3	-0.9	-1.3	-1.4	-1.8	-6.2
Total final consumption, by source	**20.9**	**21.1**	**21.2**	**21.2**	**20.8**	**21.5**	**20.8**	**20.8**	**20.3**	**20.7**	**100.0**
Oil	8.0	7.8	8.0	7.8	7.4	7.6	7.6	7.6	7.1	7.3	35.3
Gas	0.9	1.0	0.9	0.9	0.9	0.8	0.7	0.7	0.5	0.5	2.3
Coal	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.5	0.6	2.7
Electricity	9.8	9.9	10.1	10.0	10.0	10.5	9.9	9.9	10.0	10.1	49.1
Heat	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.6	2.8
Biomass	1.1	1.4	1.3	1.4	1.4	1.5	1.5	1.5	1.6	1.6	7.8
Electricity generation, by source	**12.8**	**12.9**	**12.7**	**11.6**	**13.3**	**13.6**	**12.6**	**13.3**	**13.6**	**14.1**	**100.0**
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gas	0.2	0.2	0.2	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.7
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	12.3	12.3	12.0	10.8	12.3	12.4	11.1	11.9	12.1	12.6	89.4
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Wind	0.2	0.2	0.3	0.5	0.9	1.0	1.3	1.2	1.3	1.2	8.7
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4
Total final consumption, by sector	**20.9**	**21.1**	**21.2**	**21.2**	**20.8**	**21.5**	**20.8**	**20.8**	**20.3**	**20.7**	**100.0**
Industry	6.0	6.1	6.2	6.2	6.2	6.6	6.4	6.0	6.0	6.1	29.7
Transport	5.0	5.0	4.8	4.9	4.5	4.7	4.9	4.7	4.6	4.5	21.9
Residential/Comercial	6.9	7.0	7.1	6.9	6.8	7.3	6.7	7.0	6.9	6.9	33.3
Oil final consumption, by sector	**8.0**	**7.8**	**8.0**	**7.8**	**7.4**	**7.6**	**7.6**	**7.6**	**7.1**	**7.3**	**100.0**
Industry	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.8	10.9
Transport	4.5	4.2	4.2	4.1	3.9	4.0	4.1	3.9	3.6	3.5	48.0
Residential/Comercial	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3	4.4
Natural gas final consumption, by sector	**0.9**	**1.0**	**0.9**	**0.9**	**0.9**	**0.8**	**0.7**	**0.7**	**0.5**	**0.5**	**100.0**
Industry	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	45.9
Transport	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	21.9
Residential/Comercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
Refined products consumption	**8.0**	**7.8**	**8.0**	**7.8**	**7.4**	**7.6**	**7.6**	**7.6**	**7.1**	**7.3**	**100.0**
Gasoline	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	7.2
Diesel	4.4	4.1	4.3	4.1	4.0	4.2	4.2	4.1	3.7	3.6	49.0
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.4	0.4	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.4	5.7
LPG	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	7.3
Imports	**6.3**	**7.9**	**9.2**	**9.6**	**9.3**	**8.9**	**9.1**	**9.4**	**9.0**	**8.1**	**100.0**
Oil	6.3	7.9	9.1	9.6	9.3	8.7	9.1	9.3	8.9	8.0	99.1
Gas	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.9
Gasoline	0.4	0.4	0.4	0.5	0.4	0.5	0.7	0.6	0.7	0.6	7.7
Diesel	1.8	1.8	1.6	2.1	2.5	2.7	3.9	3.4	3.3	2.6	31.7
Heating Oil	1.3	1.8	1.4	1.0	0.8	0.9	1.2	1.3	1.3	0.8	9.4
Aviation Jet	0.4	0.2	0.2	0.3	0.2	0.2	0.4	0.3	0.4	0.4	5.1
LPG	0.4	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.3	4.1
Exports	**185.3**	**192.8**	**184.9**	**177.6**	**187.3**	**194.1**	**197.9**	**198.6**	**203.9**	**201.9**	**100.0**
Oil	88.6	88.8	83.7	81.6	94.4	97.9	93.1	99.6	97.6	98.8	48.9
Gas	96.7	104.0	101.3	95.9	92.9	96.1	104.8	99.0	106.3	103.1	51.1
Gasoline	3.5	3.8	4.1	3.8	3.3	4.1	3.9	3.8	3.9	3.2	1.6
Diesel	2.8	4.4	4.2	4.2	3.4	3.5	2.4	2.7	2.1	2.2	1.1
Heating Oil	1.0	1.4	1.4	1.6	1.6	0.8	0.1	0.3	0.2	0.5	0.2
Aviation Jet	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.1	0.0
LPG	7.0	7.1	7.0	6.5	6.3	5.9	4.5	4.8	4.8	4.3	2.1
CO_2 Emissions *(Million tons CO_2)*	**38.2**	**38.0**	**37.5**	**36.5**	**35.1**	**35.3**	**34.7**	**33.4**	**31.1**	**33.2**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**115.9**	**112.3**	**109.6**	**105.3**	**102.5**	**99.1**	**93.6**	**89.7**	**82.4**	**87.1**	**-**
Final energy intensity *(toe/million $15ppp)*	**56.2**	**55.1**	**54.7**	**53.6**	**53.4**	**54.0**	**50.1**	**49.5**	**48.1**	**47.9**	**-**
Total energy intensity *(toe/million $15ppp)*	**85.1**	**87.1**	**86.0**	**80.6**	**82.4**	**79.7**	**69.8**	**72.8**	**71.5**	**75.6**	**-**

**Heat is included*

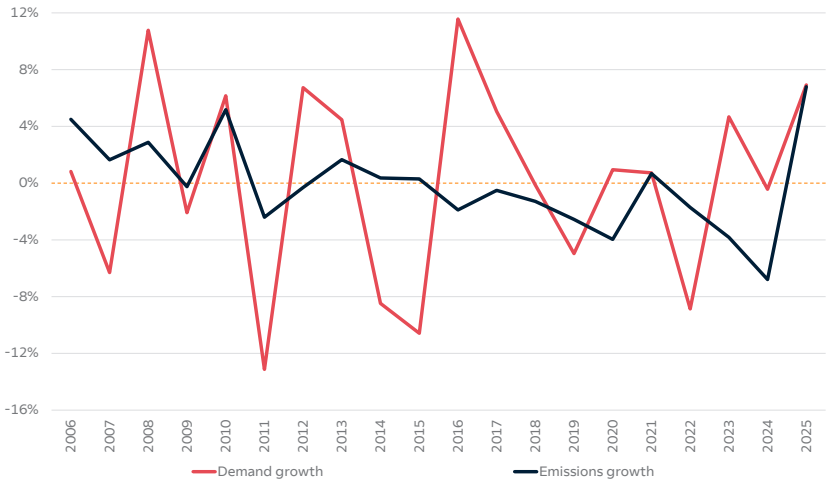
Primary energy demand mix



Electricity generation by source



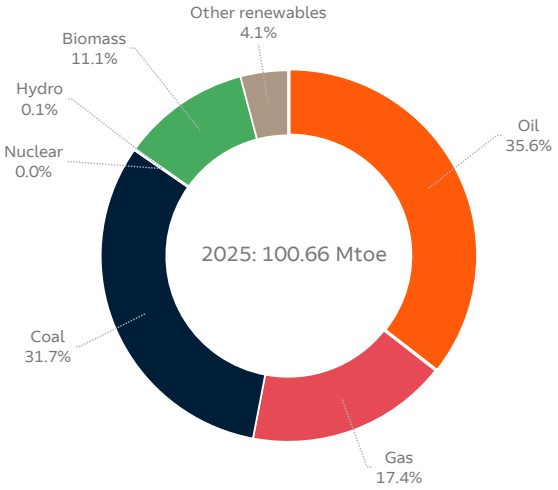
Primary energy demand and CO_2 emissions growth



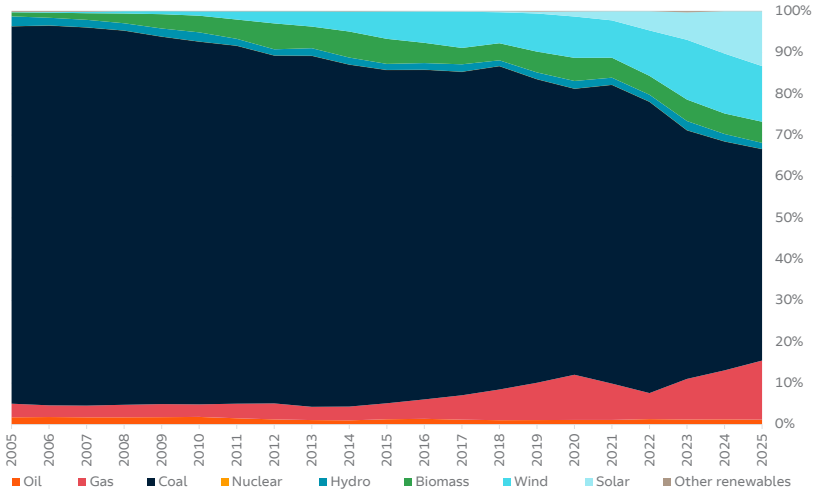
Poland *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**99.9**	**104.5**	**109.5**	**105.5**	**102.3**	**108.6**	**103.4**	**97.1**	**96.4**	**100.7**	**100.0**
Oil	26.4	29.7	30.4	30.8	29.5	31.1	32.2	32.2	32.2	35.7	35.5
Gas	14.6	15.4	16.1	16.2	17.1	18.2	15.0	15.8	17.0	17.5	17.4
Coal	49.1	49.4	49.4	44.0	40.9	45.4	42.3	34.5	31.9	31.8	31.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
Biomass	8.1	8.1	11.7	11.9	11.9	11.6	11.2	10.9	11.1	11.1	11.1
Other renewables	1.1	1.3	1.1	1.4	1.5	1.7	2.4	3.0	3.7	4.1	4.1
Electricity balance of trade*	0.3	0.3	0.6	1.0	1.3	0.2	0.0	0.5	0.3	0.3	0.3
Total final consumption, by source	**70.5**	**74.9**	**78.5**	**77.2**	**75.6**	**79.0**	**75.9**	**72.7**	**73.4**	**76.0**	**100.0**
Oil	24.3	27.8	28.4	29.1	28.0	29.3	30.0	29.3	30.1	32.4	42.6
Gas	11.4	11.4	11.2	11.2	11.2	12.7	11.4	10.8	11.1	11.0	14.5
Coal	11.6	11.8	11.2	9.5	9.4	9.2	7.7	7.1	6.3	6.4	8.5
Electricity	11.4	11.7	12.1	12.1	11.8	12.4	12.0	11.5	12.0	12.6	16.6
Heat	5.7	5.9	5.7	5.7	5.7	6.1	5.8	5.3	5.1	4.8	6.4
Biomass	6.1	6.4	9.9	9.7	9.4	9.3	9.0	8.7	8.8	8.7	11.4
Electricity generation, by source	**14.3**	**14.7**	**14.6**	**14.1**	**13.6**	**15.4**	**15.5**	**14.4**	**14.8**	**15.4**	**100.0**
Oil	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.2
Gas	0.7	0.9	1.1	1.3	1.5	1.4	1.0	1.4	1.8	2.2	14.3
Coal	11.4	11.5	11.4	10.4	9.4	11.2	10.9	8.7	8.2	7.9	51.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	1.5
Biomass	0.7	0.6	0.6	0.7	0.8	0.7	0.7	0.8	0.7	0.8	5.1
Wind	1.1	1.3	1.1	1.3	1.4	1.4	1.7	2.1	2.1	2.1	13.5
Solar	0.0	0.0	0.0	0.1	0.2	0.3	0.7	1.0	1.5	2.0	13.3
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**70.5**	**74.9**	**78.5**	**77.2**	**75.6**	**79.0**	**75.9**	**72.7**	**73.4**	**76.0**	**100.0**
Industry	14.6	15.8	16.3	16.5	15.9	16.3	15.0	13.7	14.5	14.3	18.8
Transport	18.6	21.4	22.3	22.8	21.7	23.5	23.9	23.8	24.4	26.8	35.2
Residential/Comercial	28.3	27.9	30.3	28.6	28.4	30.2	28.1	27.4	26.4	26.6	35.0
Oil final consumption, by sector	**24.3**	**27.8**	**28.4**	**29.1**	**28.0**	**29.3**	**30.0**	**29.3**	**30.1**	**32.4**	**100.0**
Industry	0.6	0.7	0.7	0.9	0.9	0.9	0.9	1.0	0.8	0.8	2.4
Transport	17.4	20.2	20.7	21.1	20.1	21.8	22.3	22.1	22.6	24.9	76.7
Residential/Comercial	1.0	1.0	1.1	1.1	1.0	1.0	1.0	0.8	0.9	0.9	2.8
Natural gas final consumption, by sector	**11.4**	**11.4**	**11.2**	**11.2**	**11.2**	**12.7**	**11.4**	**10.8**	**11.1**	**11.0**	**100.0**
Industry	3.4	3.7	3.9	3.9	3.9	4.2	3.7	3.7	3.9	4.0	36.1
Transport	0.4	0.4	0.4	0.4	0.3	0.3	0.1	0.1	0.1	0.1	0.9
Residential/Comercial	5.4	5.1	4.9	5.0	5.0	6.2	5.9	5.6	5.6	5.4	49.1
Refined products consumption	**24.3**	**27.8**	**28.4**	**29.1**	**28.0**	**29.3**	**30.0**	**29.3**	**30.1**	**32.4**	**100.0**
Gasoline	3.9	4.2	4.4	4.5	4.2	4.7	5.0	5.2	5.4	6.2	19.2
Diesel	14.1	16.7	17.2	17.4	17.0	18.2	18.1	18.0	17.9	19.5	60.1
Heating Oil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
LPG	2.7	2.9	2.9	3.1	2.7	2.8	2.9	2.9	2.7	3.0	9.2
Imports	**44.8**	**48.1**	**49.9**	**50.6**	**48.0**	**49.9**	**50.7**	**51.5**	**52.8**	**57.6**	**100.0**
Oil	32.6	35.1	36.9	36.2	33.5	34.5	38.0	38.1	39.4	41.8	72.6
Gas	12.2	13.0	13.1	14.5	14.5	15.3	12.7	13.4	13.4	15.8	27.4
Gasoline	0.4	0.5	0.5	0.4	0.4	0.8	0.9	1.1	1.2	1.6	2.7
Diesel	3.8	5.3	4.9	4.6	4.4	5.6	5.4	7.2	6.8	7.8	13.6
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	2.4	2.7	2.8	2.9	2.4	2.5	2.8	3.0	2.7	2.7	4.6
Exports	**7.9**	**6.3**	**6.8**	**6.5**	**5.8**	**4.2**	**5.9**	**6.4**	**6.1**	**7.9**	**100.0**
Oil	7.2	5.3	6.2	5.4	4.7	4.1	5.3	5.9	6.0	6.1	78.0
Gas	0.7	1.0	0.6	1.1	1.2	0.1	0.5	0.6	0.1	1.7	22.0
Gasoline	0.5	0.2	0.4	0.3	0.2	0.1	0.1	0.3	0.3	0.3	4.0
Diesel	1.1	0.2	0.0	0.1	0.3	0.1	1.2	1.7	1.9	2.6	32.8
Heating Oil	2.4	2.4	2.7	2.2	1.1	1.0	1.1	1.3	1.6	1.3	16.1
Aviation Jet	0.5	0.2	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.6
LPG	0.3	0.5	0.6	0.5	0.4	0.4	0.6	0.7	0.5	0.3	3.4
CO_2 Emissions *(Million tons CO_2)*	**294.2**	**307.0**	**305.6**	**288.4**	**273.6**	**302.0**	**285.8**	**259.2**	**252.5**	**262.1**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**278.5**	**276.3**	**258.9**	**233.6**	**226.2**	**233.6**	**210.0**	**190.0**	**179.8**	**180.8**	**-**
Final energy intensity *(toe/million $15ppp)*	**61.5**	**62.1**	**61.7**	**58.0**	**57.8**	**57.0**	**51.7**	**50.1**	**48.7**	**49.0**	**-**
Total energy intensity *(toe/million $15ppp)*	**94.5**	**94.0**	**92.8**	**85.5**	**84.6**	**84.0**	**76.0**	**71.2**	**68.6**	**69.4**	**-**

**Heat is included*

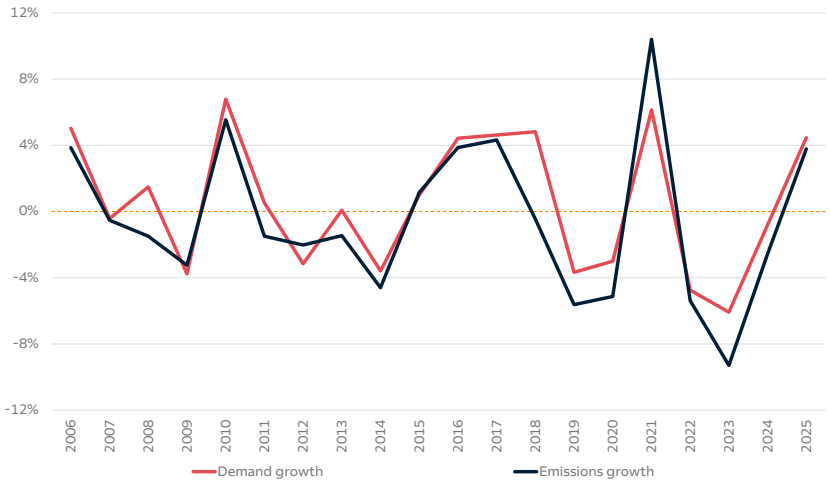
Primary energy demand mix



Electricity generation by source



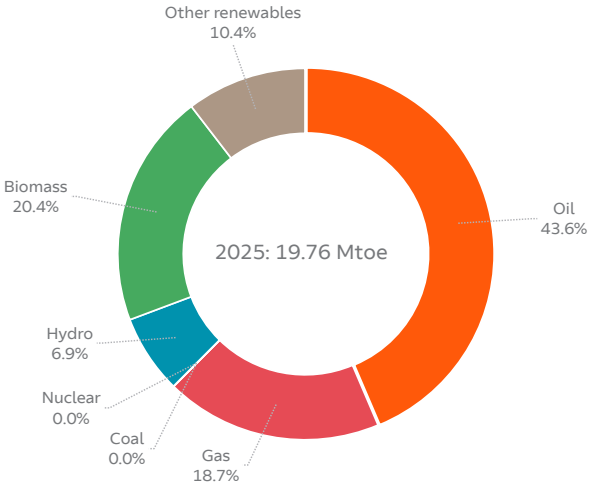
Primary energy demand and CO_2 emissions growth



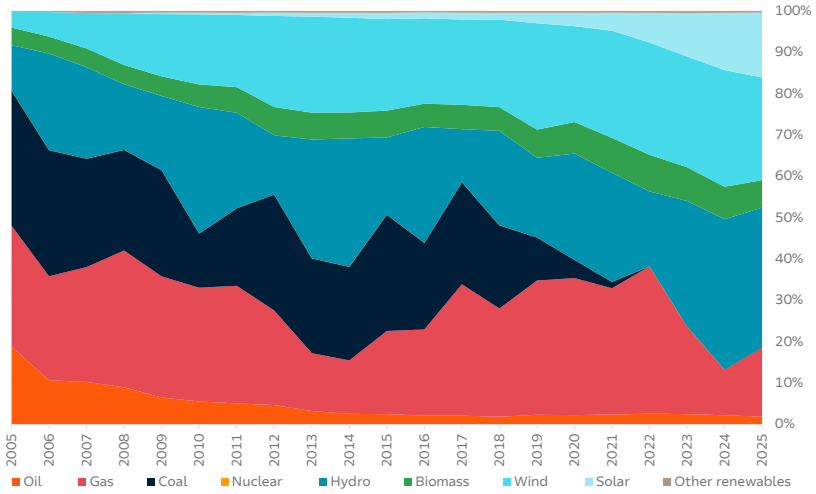
Portugal *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**21.8**	**22.8**	**22.1**	**21.8**	**20.2**	**20.2**	**20.3**	**19.7**	**19.5**	**19.8**	**100.0**
Oil	9.3	9.4	8.9	9.4	8.5	8.5	8.9	8.6	8.3	8.1	41.2
Gas	4.3	5.4	5.0	5.3	5.2	5.0	4.8	3.8	3.1	3.5	17.7
Coal	2.8	3.2	2.7	1.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.4	0.5	1.1	0.8	1.0	1.0	0.6	1.0	1.3	1.3	6.5
Biomass	3.1	3.1	3.1	3.2	3.3	3.4	3.5	3.5	3.7	3.8	19.2
Other renewables	1.1	1.1	1.2	1.3	1.2	1.3	1.4	1.6	1.8	1.9	9.8
Electricity balance of trade*	-0.2	0.1	0.1	0.6	0.4	0.7	1.1	1.2	1.2	1.1	5.5
Total final consumption, by source	**16.2**	**16.5**	**16.2**	**16.8**	**15.6**	**16.2**	**16.3**	**16.1**	**16.0**	**16.1**	**100.0**
Oil	8.1	8.3	7.8	8.3	7.4	7.7	7.8	7.6	7.3	7.2	44.6
Gas	1.6	1.7	1.8	1.8	1.7	1.9	1.7	1.7	1.7	1.6	9.7
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	4.0	4.0	4.1	4.1	4.0	4.1	4.2	4.3	4.3	4.5	28.1
Heat	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	1.1
Biomass	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.4	2.7	16.5
Electricity generation, by source	**5.2**	**5.1**	**5.1**	**4.6**	**4.6**	**4.4**	**4.2**	**4.2**	**4.4**	**4.8**	**100.0**
Oil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.9
Gas	1.1	1.6	1.3	1.5	1.5	1.3	1.5	0.9	0.5	0.8	16.7
Coal	1.1	1.3	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.5	0.7	1.2	0.9	1.2	1.2	0.8	1.3	1.6	1.6	33.9
Biomass	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	6.6
Wind	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.2	1.2	24.8
Solar	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.8	15.7
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Total final consumption, by sector	**16.2**	**16.5**	**16.2**	**16.8**	**15.6**	**16.2**	**16.3**	**16.1**	**16.0**	**16.1**	**100.0**
Industry	4.4	4.5	4.5	4.6	4.4	4.5	4.5	4.3	4.5	4.3	26.9
Transport	5.7	5.8	5.9	6.0	5.0	5.5	5.8	6.2	6.2	6.2	38.8
Residential/Comercial	4.5	4.5	4.6	4.6	4.5	4.5	4.5	4.6	4.6	4.7	29.0
Oil final consumption, by sector	**8.1**	**8.3**	**7.8**	**8.3**	**7.4**	**7.7**	**7.8**	**7.6**	**7.3**	**7.2**	**100.0**
Industry	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.5	0.5	0.4	4.9
Transport	5.4	5.5	5.5	5.7	4.7	5.1	5.4	5.8	5.7	5.7	79.5
Residential/Comercial	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.5	0.4	6.0
Natural gas final consumption, by sector	**1.6**	**1.7**	**1.8**	**1.8**	**1.7**	**1.9**	**1.7**	**1.7**	**1.7**	**1.6**	**100.0**
Industry	1.1	1.2	1.2	1.3	1.2	1.3	1.2	1.1	1.1	1.0	66.7
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
Residential/Comercial	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	27.7
Refined products consumption	**8.1**	**8.3**	**7.8**	**8.3**	**7.4**	**7.7**	**7.8**	**7.6**	**7.3**	**7.2**	**100.0**
Gasoline	1.1	1.1	1.1	1.1	0.9	1.0	1.1	1.2	1.3	1.4	19.1
Diesel	4.7	4.7	4.8	4.9	4.3	4.5	4.7	4.9	4.7	4.6	64.4
Heating Oil	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	1.5
Aviation Jet	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	2.6
LPG	0.9	0.8	0.7	0.9	0.9	0.8	0.8	0.6	0.5	0.5	6.6
Imports	**22.0**	**23.9**	**22.0**	**21.7**	**19.9**	**19.6**	**20.4**	**18.4**	**18.6**	**17.3**	**100.0**
Oil	17.8	18.4	16.9	16.5	14.7	14.7	15.4	14.7	15.5	14.2	82.2
Gas	4.3	5.4	5.1	5.3	5.1	5.0	5.0	3.7	3.1	3.1	17.8
Gasoline	0.2	0.1	0.2	0.3	0.2	0.2	0.2	0.4	0.3	0.5	2.9
Diesel	1.0	0.9	0.9	1.3	0.9	1.5	1.3	1.6	1.2	1.4	8.1
Heating Oil	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	1.5
Aviation Jet	0.0	0.1	0.1	0.3	0.0	0.2	0.4	0.4	0.5	1.0	6.1
LPG	0.8	0.7	0.6	0.8	0.8	0.8	0.8	0.6	0.4	0.4	2.5
Exports	**6.8**	**7.0**	**5.4**	**4.9**	**5.3**	**5.1**	**4.6**	**4.1**	**5.0**	**3.9**	**100.0**
Oil	6.8	7.0	5.4	4.9	5.3	5.1	4.6	4.1	5.0	3.9	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	1.8	2.0	1.7	1.7	1.3	1.5	1.6	1.3	1.8	1.3	33.2
Diesel	2.1	2.1	1.2	0.9	1.3	1.4	0.6	0.3	0.7	0.3	8.2
Heating Oil	1.6	1.5	1.2	1.1	1.5	1.5	1.7	1.4	1.2	1.0	27.0
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	2.4
CO_2 Emissions *(Million tons CO_2)*	**47.3**	**51.7**	**48.0**	**43.2**	**37.2**	**35.6**	**36.1**	**34.2**	**32.1**	**31.3**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**151.2**	**159.8**	**144.3**	**126.2**	**118.6**	**107.4**	**101.9**	**94.0**	**86.6**	**82.8**	**-**
Final energy intensity *(toe/million $15ppp)*	**48.1**	**47.3**	**46.6**	**45.8**	**46.0**	**45.2**	**43.2**	**42.8**	**42.4**	**41.7**	**-**
Total energy intensity *(toe/million $15ppp)*	**69.8**	**70.6**	**66.3**	**63.8**	**64.3**	**60.8**	**57.4**	**54.0**	**52.5**	**52.3**	**-**

**Heat is included*

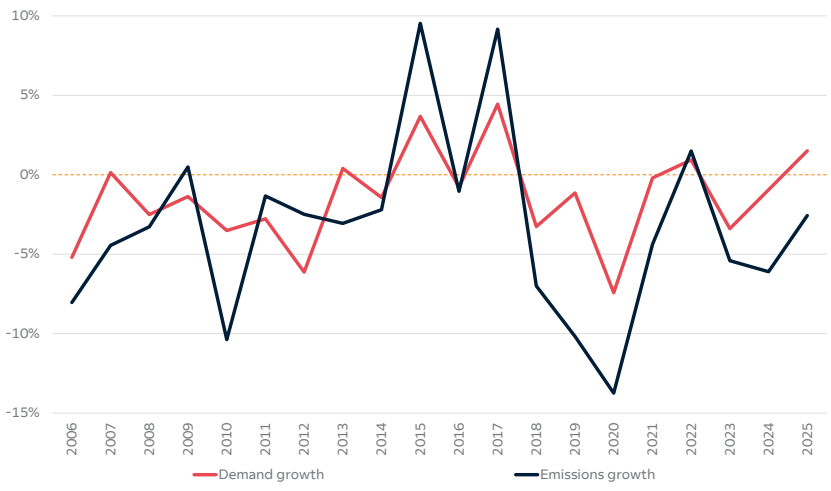
Primary energy demand mix



Electricity generation by source



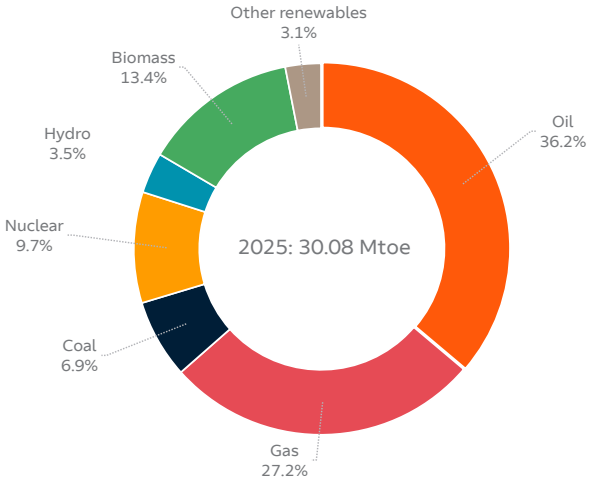
Primary energy demand and CO_2 emissions growth



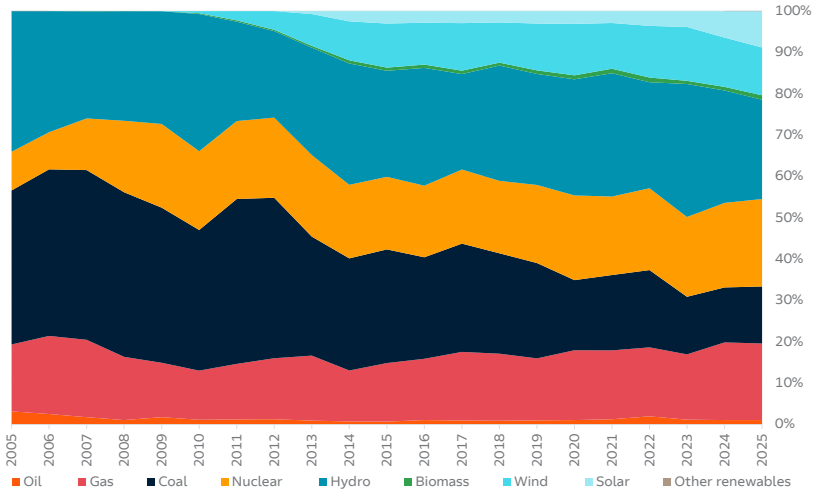
Romania *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**31.7**	**33.3**	**33.5**	**33.1**	**32.3**	**34.2**	**31.6**	**30.6**	**30.5**	**30.1**	**100.0**
Oil	8.6	9.4	9.7	9.8	9.7	10.5	10.5	11.1	10.9	10.8	35.8
Gas	9.0	9.6	9.8	9.2	9.6	9.8	8.3	7.8	8.0	8.1	26.9
Coal	5.3	5.4	5.1	4.9	3.5	4.1	3.5	2.6	2.2	2.0	6.8
Nuclear	2.9	3.0	3.0	2.9	3.0	2.9	2.9	2.9	2.8	2.9	9.5
Hydro	1.6	1.2	1.5	1.3	1.3	1.5	1.2	1.6	1.2	1.1	3.5
Biomass	4.0	4.0	4.0	4.1	4.2	4.5	4.3	4.1	4.1	4.0	13.3
Other renewables	0.7	0.8	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	3.0
Electricity balance of trade*	-0.4	-0.2	-0.2	0.2	0.3	0.2	0.1	-0.2	0.3	0.3	1.1
Total final consumption, by source	**23.1**	**23.9**	**24.4**	**24.8**	**24.7**	**26.4**	**24.5**	**23.8**	**24.1**	**23.7**	**100.0**
Oil	7.9	8.3	8.5	9.0	8.8	9.3	9.6	10.0	10.4	10.3	43.3
Gas	5.5	5.9	6.1	5.9	6.2	6.9	5.4	5.0	4.9	5.0	20.9
Coal	0.9	0.8	0.8	0.8	0.8	0.9	0.7	0.4	0.3	0.3	1.1
Electricity	3.7	3.8	3.9	3.9	3.8	4.0	3.7	3.6	3.7	3.6	15.3
Heat	1.3	1.3	1.3	1.1	1.0	1.0	0.9	0.8	0.9	0.9	3.6
Biomass	3.7	3.8	3.8	4.0	4.1	4.4	4.3	4.0	3.9	3.8	15.8
Electricity generation, by source	**5.6**	**5.5**	**5.6**	**5.1**	**4.8**	**5.1**	**4.8**	**5.0**	**4.6**	**4.5**	**100.0**
Oil	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.1
Gas	0.8	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.9	0.8	18.5
Coal	1.4	1.4	1.4	1.2	0.8	0.9	0.9	0.7	0.6	0.6	13.8
Nuclear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	21.1
Hydro	1.6	1.3	1.6	1.4	1.4	1.5	1.2	1.6	1.2	1.1	24.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	1.1
Wind	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	11.6
Solar	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.4	8.8
Other renewables	0.0	-0.0	0.0	0.0	0.0	0.0	-0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**23.1**	**23.9**	**24.4**	**24.8**	**24.7**	**26.4**	**24.5**	**23.8**	**24.1**	**23.7**	**100.0**
Industry	6.2	6.4	6.6	6.6	6.4	6.8	5.7	4.9	5.0	4.9	20.7
Transport	5.8	6.2	6.4	6.6	6.5	6.9	7.5	7.8	8.0	7.9	33.4
Residential/Comercial	9.2	9.5	9.7	9.6	9.8	10.5	9.7	9.5	9.3	9.1	38.5
Oil final consumption, by sector	**7.9**	**8.3**	**8.5**	**9.0**	**8.8**	**9.3**	**9.6**	**10.0**	**10.4**	**10.3**	**100.0**
Industry	0.9	0.9	1.0	1.2	1.1	1.1	1.1	1.1	1.1	1.1	10.8
Transport	5.4	5.8	6.0	6.1	5.9	6.3	6.8	7.1	7.3	7.2	70.5
Residential/Comercial	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	3.1
Natural gas final consumption, by sector	**5.5**	**5.9**	**6.1**	**5.9**	**6.2**	**6.9**	**5.4**	**5.0**	**4.9**	**5.0**	**100.0**
Industry	2.1	2.2	2.3	2.1	2.2	2.4	1.8	1.4	1.5	1.5	30.7
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Residential/Comercial	3.0	3.2	3.3	3.3	3.5	4.0	3.5	3.4	3.3	3.4	67.6
Refined products consumption	**7.9**	**8.3**	**8.5**	**9.0**	**8.7**	**9.2**	**9.6**	**10.0**	**10.4**	**10.2**	**100.0**
Gasoline	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.5	1.5	1.6	15.4
Diesel	4.7	5.1	5.3	5.5	5.4	5.9	6.4	6.7	6.8	6.7	65.3
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.4
LPG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	4.5
Imports	**11.6**	**12.1**	**12.9**	**14.2**	**12.4**	**14.1**	**14.8**	**14.2**	**14.8**	**16.4**	**100.0**
Oil	10.4	11.1	11.6	12.1	10.7	11.2	12.5	12.1	13.0	13.2	80.4
Gas	1.2	1.0	1.2	2.1	1.7	2.8	2.3	2.1	1.8	3.2	19.6
Gasoline	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7
Diesel	1.2	1.4	1.5	1.2	1.3	1.9	2.1	2.9	2.5	2.3	14.3
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.3
LPG	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.3	1.8
Exports	**5.3**	**5.2**	**5.5**	**5.6**	**4.6**	**4.6**	**5.7**	**6.1**	**6.4**	**7.7**	**100.0**
Oil	5.3	5.2	5.5	5.6	4.5	4.1	4.9	4.3	4.5	5.2	67.5
Gas	0.0	0.0	0.0	0.0	0.1	0.6	0.8	1.8	1.9	2.5	32.5
Gasoline	2.2	2.0	2.3	2.3	2.0	1.7	2.1	1.7	1.9	2.1	26.8
Diesel	1.7	1.6	1.6	1.6	1.2	0.9	1.1	1.0	1.0	1.1	13.8
Heating Oil	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.5
Aviation Jet	0.3	0.3	0.4	0.4	0.2	0.2	0.4	0.4	0.5	0.7	9.3
LPG	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.3	0.4	0.4	5.4
CO_2 Emissions *(Million tons CO_2)*	**69.1**	**72.0**	**72.6**	**71.1**	**65.7**	**70.9**	**67.5**	**63.2**	**62.5**	**61.2**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**156.8**	**151.0**	**143.4**	**135.2**	**129.7**	**132.6**	**121.4**	**110.9**	**108.9**	**106.0**	**-**
Final energy intensity *(toe/million $15ppp)*	**49.7**	**47.9**	**46.2**	**44.9**	**46.2**	**47.1**	**42.9**	**40.6**	**40.4**	**39.5**	**-**
Total energy intensity *(toe/million $15ppp)*	**72.0**	**69.7**	**66.2**	**63.0**	**63.7**	**64.0**	**56.8**	**53.7**	**53.1**	**52.1**	**-**

**Heat is included*

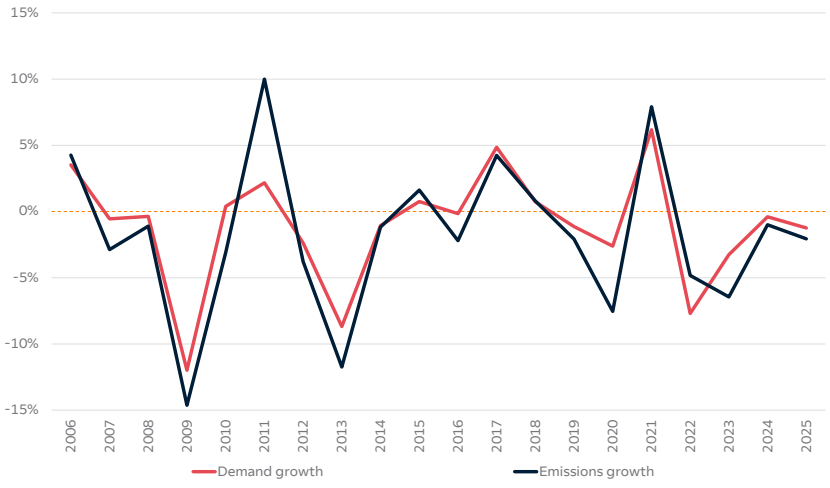
Primary energy demand mix



Electricity generation by source



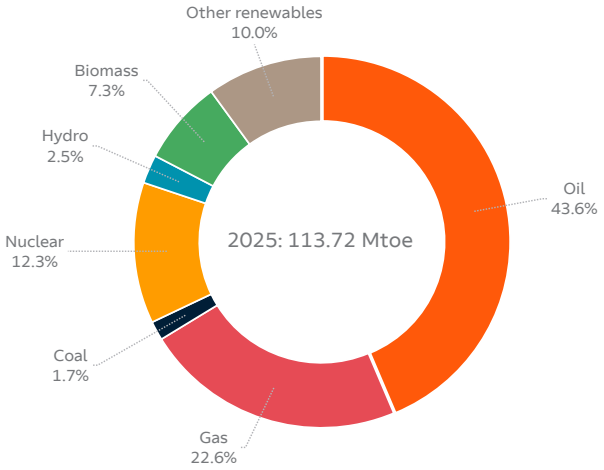
Primary energy demand and CO_2 emissions growth



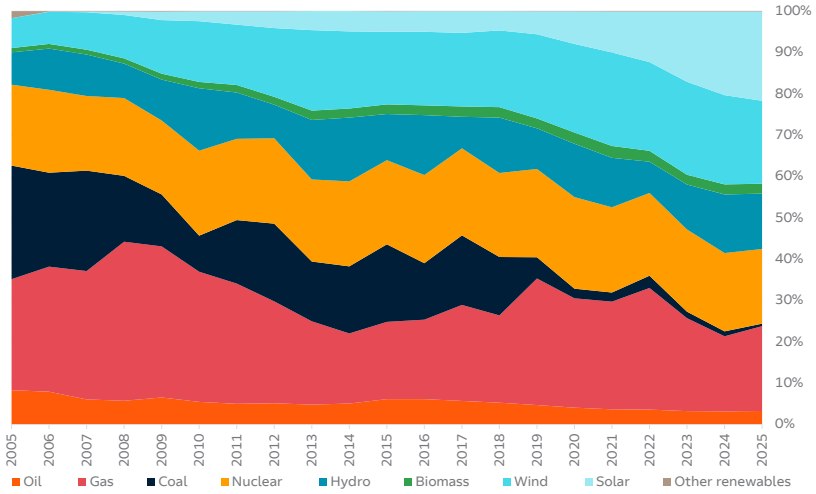
Spain *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**118.7**	**125.1**	**124.5**	**121.1**	**109.2**	**115.2**	**115.2**	**111.0**	**112.5**	**113.7**	**100.0**
Oil	49.9	52.6	52.7	51.3	44.1	48.4	50.3	47.6	49.6	49.9	43.9
Gas	24.9	27.2	27.1	30.9	27.9	29.4	28.3	25.2	24.1	25.9	22.7
Coal	10.5	12.8	11.3	5.0	2.9	3.2	3.8	2.7	2.4	1.9	1.7
Nuclear	15.3	15.1	14.5	15.2	15.2	14.7	15.3	14.8	14.2	14.1	12.4
Hydro	3.1	1.6	3.0	2.1	2.6	2.5	1.5	2.1	3.0	2.9	2.5
Biomass	6.9	7.3	7.8	7.8	7.6	7.9	8.1	8.8	8.6	8.4	7.4
Other renewables	7.1	7.3	7.0	7.8	8.2	8.6	9.3	10.6	11.1	11.4	10.0
Electricity balance of trade*	0.9	1.1	1.3	0.9	0.6	0.4	-1.3	-0.8	-0.5	-0.7	-0.6
Total final consumption, by source	**82.8**	**84.7**	**86.8**	**86.7**	**78.0**	**83.8**	**82.5**	**81.5**	**83.3**	**83.3**	**100.0**
Oil	42.4	43.3	44.3	44.3	37.9	41.8	42.9	41.6	42.7	43.7	52.4
Gas	14.5	14.7	15.4	15.6	15.1	16.1	13.7	13.3	13.7	12.5	15.0
Coal	0.6	0.6	0.6	0.5	0.4	0.5	0.6	0.5	0.4	0.4	0.5
Electricity	20.0	20.6	20.5	20.2	18.9	19.6	19.3	19.1	19.8	20.3	24.4
Heat	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5
Biomass	5.0	5.3	5.7	5.8	5.4	5.5	5.8	6.6	6.4	6.1	7.3
Electricity generation, by source	**23.6**	**23.7**	**23.6**	**23.5**	**22.7**	**23.6**	**25.2**	**24.6**	**24.8**	**25.7**	**100.0**
Oil	1.5	1.4	1.2	1.1	0.9	0.9	0.9	0.8	0.8	0.8	3.3
Gas	4.5	5.5	5.0	7.2	6.0	6.1	7.4	5.5	4.5	5.3	20.5
Coal	3.2	4.0	3.3	1.2	0.5	0.5	0.7	0.4	0.3	0.1	0.6
Nuclear	5.0	5.0	4.8	5.0	5.0	4.9	5.0	4.9	4.7	4.6	18.1
Hydro	3.4	1.8	3.2	2.3	2.9	2.8	1.9	2.7	3.5	3.4	13.4
Biomass	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	2.4
Wind	4.2	4.2	4.4	4.8	4.9	5.3	5.4	5.5	5.3	5.2	20.1
Solar	1.2	1.2	1.1	1.3	1.8	2.3	3.1	4.2	5.0	5.6	21.6
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total final consumption, by sector	**82.8**	**84.7**	**86.8**	**86.7**	**78.0**	**83.8**	**82.5**	**81.5**	**83.3**	**83.3**	**100.0**
Industry	20.5	21.0	21.1	21.1	19.4	20.7	18.8	18.5	18.6	18.0	21.6
Transport	30.7	31.8	32.6	33.0	26.1	30.4	32.6	32.3	32.9	33.1	39.7
Residential/Comercial	23.8	24.1	24.9	24.1	23.4	23.8	23.2	23.0	23.8	24.0	28.8
Oil final consumption, by sector	**42.4**	**43.3**	**44.3**	**44.3**	**37.9**	**41.8**	**42.9**	**41.6**	**42.7**	**43.7**	**100.0**
Industry	2.9	2.9	3.0	2.9	2.5	2.3	2.1	2.0	2.0	1.9	4.4
Transport	29.1	30.0	30.4	30.8	24.2	28.4	30.5	29.7	30.4	31.0	71.1
Residential/Comercial	4.0	3.9	4.1	3.6	3.5	3.6	3.6	3.4	3.4	3.6	8.2
Natural gas final consumption, by sector	**14.5**	**14.7**	**15.4**	**15.6**	**15.1**	**16.1**	**13.7**	**13.3**	**13.7**	**12.5**	**100.0**
Industry	8.6	8.8	9.0	9.3	8.8	9.4	7.8	7.6	7.8	7.0	56.1
Transport	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.3	2.6
Residential/Comercial	5.1	5.1	5.6	5.4	5.4	5.7	5.0	4.8	5.1	4.7	37.8
Refined products consumption	**42.4**	**43.3**	**44.3**	**44.3**	**37.9**	**41.8**	**42.9**	**41.6**	**42.7**	**43.7**	**100.0**
Gasoline	4.8	4.9	5.1	5.5	4.3	5.4	5.9	6.2	6.6	7.2	16.4
Diesel	27.6	28.1	28.4	28.1	24.4	26.9	27.1	25.4	26.0	26.7	61.0
Heating Oil	0.6	0.9	0.9	0.9	0.6	0.6	0.7	0.6	0.5	0.4	0.9
Aviation Jet	2.0	2.2	2.3	2.4	1.0	1.7	2.5	2.7	2.6	2.7	6.2
LPG	2.8	2.6	3.0	2.7	2.4	2.0	2.2	2.4	2.4	2.2	5.0
Imports	**114.7**	**120.6**	**119.8**	**121.1**	**103.4**	**110.0**	**118.5**	**112.7**	**112.9**	**115.6**	**100.0**
Oil	86.5	90.5	89.5	88.8	75.1	77.9	84.0	82.1	86.6	86.8	75.1
Gas	28.2	30.1	30.3	32.4	28.3	32.2	34.5	30.7	26.2	28.8	24.9
Gasoline	0.2	0.4	0.5	1.5	1.1	0.5	0.8	0.6	0.8	2.5	2.1
Diesel	4.9	5.2	4.9	5.1	6.0	6.8	5.1	5.1	7.2	6.7	5.8
Heating Oil	5.9	6.8	7.1	6.6	3.8	4.0	6.0	6.1	6.1	6.0	5.2
Aviation Jet	2.3	2.4	1.9	1.8	1.3	0.7	1.6	1.6	1.6	2.4	2.1
LPG	1.6	1.5	1.5	1.4	1.1	0.8	1.2	1.2	1.2	1.1	0.9
Exports	**28.8**	**30.5**	**28.6**	**25.3**	**24.5**	**25.5**	**26.1**	**28.3**	**25.4**	**25.2**	**100.0**
Oil	25.3	28.0	25.7	24.3	23.4	22.9	20.8	22.5	22.9	22.5	89.4
Gas	3.5	2.5	2.8	1.0	1.0	2.6	5.3	5.7	2.5	2.7	10.6
Gasoline	4.7	4.8	4.6	5.0	4.6	4.8	4.3	4.0	3.5	5.1	20.2
Diesel	5.5	6.7	6.3	6.1	7.3	6.5	5.1	6.3	8.4	5.9	23.4
Heating Oil	2.9	3.5	3.6	2.6	2.4	2.1	2.0	2.3	2.6	2.9	11.7
Aviation Jet	0.7	0.6	0.6	0.4	0.5	0.8	0.4	0.6	0.4	0.6	2.3
LPG	0.5	0.6	0.5	0.6	0.5	0.6	0.6	0.5	0.6	0.6	2.2
CO_2 Emissions *(Million tons CO_2)*	**241.2**	**256.9**	**252.2**	**234.2**	**195.1**	**210.9**	**218.3**	**200.9**	**198.6**	**200.8**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**143.3**	**148.3**	**142.2**	**129.5**	**121.1**	**122.7**	**119.6**	**107.3**	**102.8**	**101.0**	**-**
Final energy intensity *(toe/million $15ppp)*	**46.2**	**46.1**	**46.0**	**45.0**	**44.8**	**45.5**	**42.6**	**40.9**	**40.4**	**39.3**	**-**
Total energy intensity *(toe/million $15ppp)*	**70.5**	**72.2**	**70.2**	**66.9**	**67.8**	**67.0**	**63.1**	**59.3**	**58.2**	**57.2**	**-**

**Heat is included*

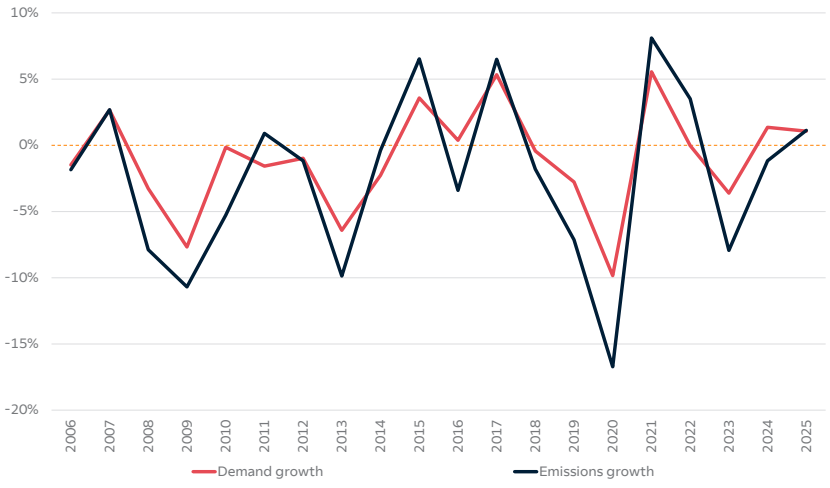
Primary energy demand mix



Electricity generation by source



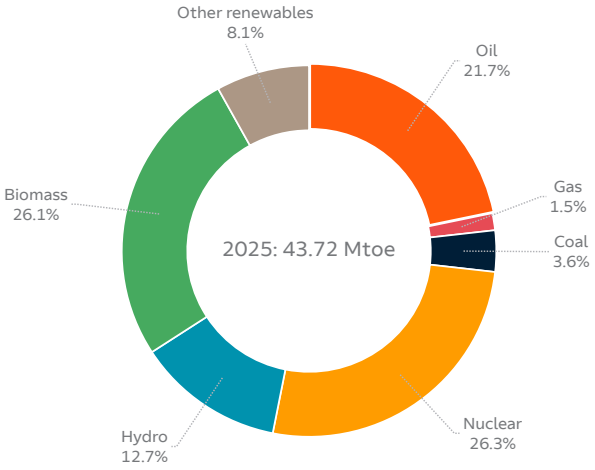
Primary energy demand and CO_2 emissions growth



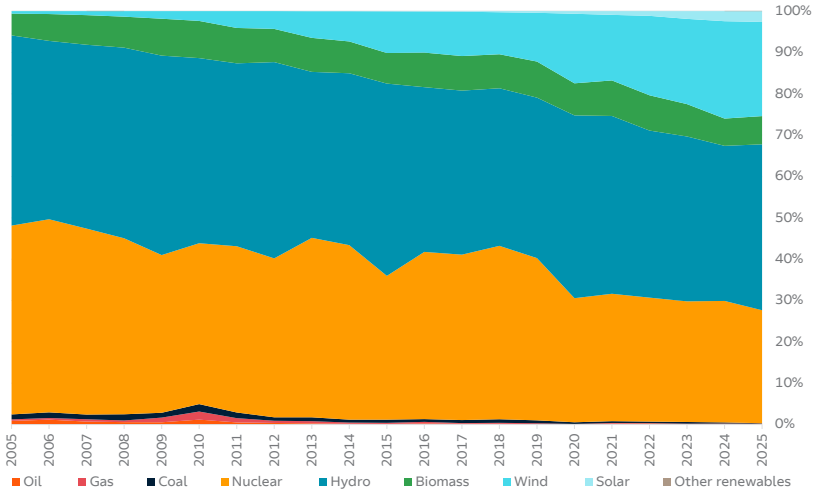
Sweden *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**47.7**	**49.0**	**50.0**	**48.7**	**44.1**	**47.1**	**44.9**	**44.3**	**44.8**	**43.7**	**100.0**
Oil	10.0	9.8	10.7	9.9	8.4	9.1	8.7	8.8	9.9	10.0	23.0
Gas	0.8	0.9	1.0	0.9	1.3	1.0	0.7	0.7	0.8	0.7	1.6
Coal	2.1	2.0	2.2	2.0	1.6	1.7	1.5	1.5	1.6	1.7	3.8
Nuclear	16.4	17.1	17.9	17.2	12.8	13.8	13.5	12.6	13.2	12.2	27.8
Hydro	5.3	5.6	5.4	5.6	6.2	6.4	6.0	5.7	5.6	5.9	13.5
Biomass	12.3	13.2	12.5	13.2	13.1	14.3	13.9	13.7	12.3	12.1	27.6
Other renewables	1.3	1.5	1.5	1.8	2.5	2.5	3.0	3.2	3.9	3.7	8.5
Electricity balance of trade*	-0.6	-1.2	-1.1	-1.9	-1.7	-1.8	-2.5	-2.0	-2.4	-2.5	-5.7
Total final consumption, by source	**32.8**	**33.2**	**32.5**	**32.3**	**31.3**	**32.8**	**31.0**	**31.5**	**31.8**	**31.0**	**100.0**
Oil	9.6	9.5	8.9	9.0	7.8	8.3	7.3	7.6	8.9	8.6	27.6
Gas	0.6	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.6	0.5	1.7
Coal	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	1.4
Electricity	11.0	10.9	11.0	10.7	10.6	11.0	10.5	10.3	10.5	10.3	33.1
Heat	4.4	4.4	4.4	4.3	4.1	4.7	4.4	4.6	4.5	4.6	14.7
Biomass	6.7	6.9	6.9	6.8	7.4	7.4	7.7	7.9	7.0	6.7	21.5
Electricity generation, by source	**13.4**	**14.1**	**14.1**	**14.5**	**14.1**	**14.8**	**14.9**	**14.3**	**14.8**	**14.7**	**100.0**
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Gas	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coal	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1
Nuclear	5.4	5.6	5.9	5.7	4.2	4.6	4.5	4.2	4.4	4.0	27.3
Hydro	5.3	5.6	5.4	5.6	6.2	6.4	6.0	5.7	5.6	5.9	40.1
Biomass	1.1	1.2	1.2	1.3	1.1	1.3	1.3	1.1	1.0	1.0	6.8
Wind	1.3	1.5	1.4	1.7	2.4	2.3	2.9	2.9	3.5	3.3	22.8
Solar	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	0.4	2.6
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	0.0	0.0	0.0
Total final consumption, by sector	**32.8**	**33.2**	**32.5**	**32.3**	**31.3**	**32.8**	**31.0**	**31.5**	**31.8**	**31.0**	**100.0**
Industry	11.0	11.0	11.0	10.9	11.1	11.1	11.0	11.3	11.2	10.8	34.8
Transport	7.4	7.5	7.3	7.2	6.8	6.9	6.7	6.6	7.0	6.4	20.6
Residential/Comercial	11.7	11.5	11.4	11.2	11.0	12.0	11.2	11.1	11.1	11.3	36.4
Oil final consumption, by sector	**9.6**	**9.5**	**8.9**	**9.0**	**7.8**	**8.3**	**7.3**	**7.6**	**8.9**	**8.6**	**100.0**
Industry	1.0	1.0	1.0	0.9	0.8	0.9	0.9	0.9	1.0	0.9	10.9
Transport	6.0	5.9	5.6	5.6	5.1	5.2	4.7	4.6	5.7	5.5	64.0
Residential/Comercial	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	2.2
Natural gas final consumption, by sector	**0.6**	**0.8**	**0.8**	**0.8**	**0.8**	**0.8**	**0.6**	**0.5**	**0.6**	**0.5**	**100.0**
Industry	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	35.5
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
Residential/Comercial	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	17.4
Refined products consumption	**9.6**	**9.5**	**8.9**	**9.0**	**7.8**	**8.3**	**7.3**	**7.6**	**8.9**	**8.6**	**100.0**
Gasoline	2.5	2.4	2.2	2.2	2.0	2.0	1.9	1.8	1.9	1.9	22.5
Diesel	4.2	4.2	4.0	4.0	3.9	3.9	3.4	3.4	4.6	4.3	50.1
Heating Oil	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	1.9
Aviation Jet	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	1.2
LPG	1.2	1.1	0.9	1.0	0.9	1.0	0.8	1.0	1.1	1.1	12.4
Imports	**31.8**	**30.5**	**30.6**	**26.2**	**27.8**	**26.7**	**27.8**	**27.0**	**28.0**	**26.7**	**100.0**
Oil	31.0	29.6	29.6	25.3	26.5	25.7	27.2	26.2	27.2	26.0	97.3
Gas	0.8	0.9	1.0	1.0	1.3	1.1	0.7	0.8	0.8	0.7	2.7
Gasoline	2.0	1.6	0.8	0.6	0.9	0.9	0.9	0.9	0.8	0.9	3.5
Diesel	3.1	2.9	2.3	2.6	3.4	2.7	3.0	2.9	3.3	3.6	13.3
Heating Oil	2.0	1.6	1.8	0.8	0.8	0.6	0.5	0.6	0.4	0.7	2.5
Aviation Jet	1.0	1.0	1.1	1.0	0.7	0.2	0.7	0.7	0.8	0.7	2.6
LPG	1.5	1.3	1.2	1.4	1.2	1.2	1.6	2.0	1.7	1.9	7.1
Exports	**17.2**	**18.3**	**17.4**	**11.8**	**13.5**	**17.1**	**15.3**	**15.1**	**15.1**	**13.7**	**100.0**
Oil	17.2	18.3	17.4	11.8	13.5	17.1	15.3	15.1	15.0	13.7	99.9
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Gasoline	3.8	4.0	3.8	2.0	2.7	3.9	3.8	4.0	4.1	3.3	24.4
Diesel	5.4	7.0	6.4	3.9	4.5	6.7	5.6	5.7	5.1	4.8	34.7
Heating Oil	4.5	4.1	4.3	3.2	3.0	2.7	3.0	2.6	2.9	2.9	20.8
Aviation Jet	0.1	0.0	0.1	0.2	0.0	0.2	0.1	0.0	0.1	0.1	0.5
LPG	0.8	0.7	0.6	0.8	0.7	0.9	1.2	1.3	1.2	1.2	8.8
CO_2 Emissions *(Million tons CO_2)*	**36.1**	**35.7**	**33.4**	**32.6**	**31.4**	**34.0**	**31.3**	**30.4**	**33.3**	**32.6**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**73.7**	**71.6**	**65.8**	**62.5**	**61.6**	**62.9**	**57.0**	**55.5**	**60.2**	**58.6**	**-**
Final energy intensity *(toe/million $15ppp)*	**62.7**	**61.6**	**59.8**	**57.5**	**57.9**	**56.8**	**53.9**	**54.2**	**54.0**	**52.3**	**-**
Total energy intensity *(toe/million $15ppp)*	**97.4**	**98.3**	**98.4**	**93.6**	**86.5**	**87.1**	**81.8**	**80.9**	**81.1**	**78.5**	**-**

**Heat is included*

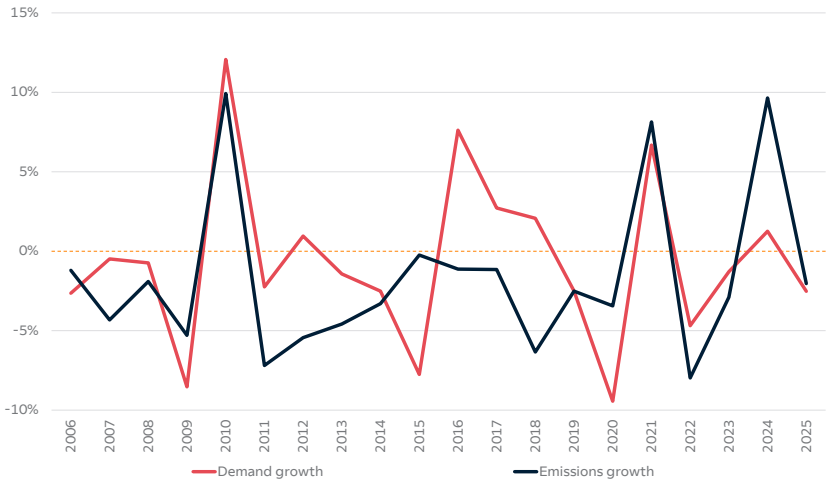
Primary energy demand mix



Electricity generation by source



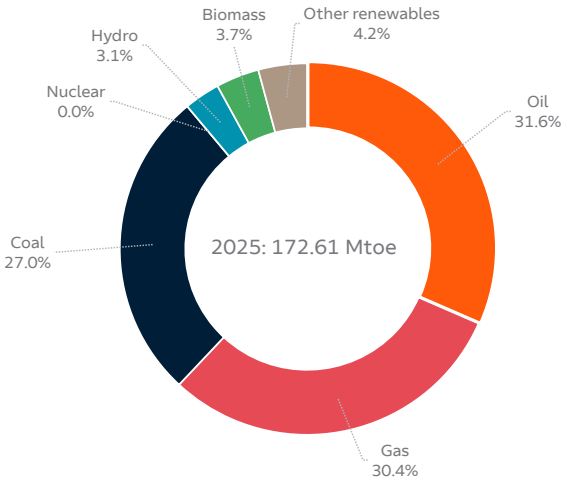
Primary energy demand and CO_2 emissions growth



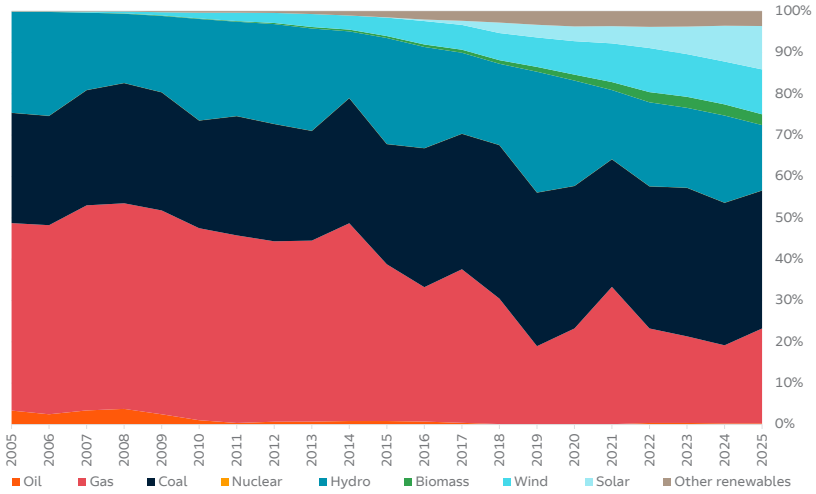
Türkiye *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**137.1**	**147.4**	**144.8**	**146.7**	**147.4**	**159.9**	**156.9**	**158.6**	**166.1**	**172.6**	**100.0**
Oil	42.8	45.2	42.9	43.5	42.7	44.5	45.2	47.5	48.5	50.1	29.0
Gas	38.3	44.2	41.0	37.0	39.7	49.1	42.0	41.4	43.9	48.3	28.0
Coal	38.3	40.1	40.8	41.9	40.0	41.1	41.8	39.9	42.3	42.8	24.8
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	5.8	5.0	5.2	7.6	6.7	4.8	5.7	5.5	6.4	4.9	2.9
Biomass	3.1	3.1	3.2	3.4	3.8	4.4	5.1	5.7	5.8	5.9	3.4
Other renewables	1.4	1.8	2.4	2.7	3.1	3.9	4.5	4.8	5.8	6.7	3.9
Electricity balance of trade*	7.3	8.0	9.2	10.5	11.5	12.0	12.6	13.7	13.4	13.8	8.0
Total final consumption, by source	**98.4**	**105.4**	**103.3**	**104.4**	**107.7**	**115.5**	**113.2**	**115.8**	**122.3**	**125.8**	**100.0**
Oil	38.2	40.7	40.1	40.1	40.4	41.9	41.9	44.6	46.3	47.6	37.8
Gas	21.8	25.2	24.9	25.8	26.7	29.9	29.7	28.3	31.7	33.6	26.7
Coal	12.4	12.1	10.0	10.3	11.9	12.8	10.8	10.7	10.5	10.2	8.1
Electricity	19.6	21.1	21.9	21.8	22.3	24.3	24.3	24.5	26.2	26.7	21.3
Heat	3.6	3.7	3.8	3.8	3.9	3.9	3.7	4.5	4.5	4.5	3.6
Biomass	2.7	2.5	2.5	2.5	2.6	2.7	2.9	3.1	3.1	3.2	2.5
Electricity generation, by source	**23.6**	**25.6**	**26.2**	**26.1**	**26.4**	**28.8**	**28.2**	**28.5**	**30.5**	**31.2**	**100.0**
Oil	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.3
Gas	7.7	9.5	8.0	4.9	6.1	9.6	6.5	6.0	5.8	7.2	23.0
Coal	7.9	8.4	9.7	9.7	9.1	8.9	9.7	10.2	10.5	10.4	33.4
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	5.8	5.0	5.2	7.6	6.7	4.8	5.7	5.5	6.4	4.9	15.8
Biomass	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.8	2.6
Wind	1.3	1.5	1.7	1.9	2.1	2.7	3.0	2.9	3.2	3.4	10.9
Solar	0.1	0.2	0.7	0.8	0.9	1.2	1.5	1.9	2.6	3.3	10.5
Other renewables	0.5	0.6	0.7	0.9	1.0	1.0	1.1	1.1	1.1	1.1	3.6
Total final consumption, by sector	**98.4**	**105.4**	**103.3**	**104.4**	**107.7**	**115.5**	**113.2**	**115.8**	**122.3**	**125.8**	**100.0**
Industry	26.3	32.1	32.3	30.5	32.6	36.7	33.3	32.5	35.2	35.6	28.3
Transport	27.0	28.3	28.6	28.4	26.7	30.1	30.5	32.9	34.0	35.4	28.1
Residential/Comercial	33.1	35.8	33.1	35.5	36.9	37.8	39.3	39.3	41.9	43.5	34.6
Oil final consumption, by sector	**38.2**	**40.7**	**40.1**	**40.1**	**40.4**	**41.9**	**41.9**	**44.6**	**46.3**	**47.6**	**100.0**
Industry	0.8	4.4	4.4	3.4	4.1	3.4	3.6	3.5	4.3	4.1	8.7
Transport	26.4	27.6	27.8	27.7	26.3	29.6	29.9	32.4	33.5	34.8	73.1
Residential/Comercial	0.9	1.2	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	1.4
Natural gas final consumption, by sector	**21.8**	**25.2**	**24.9**	**25.8**	**26.7**	**29.9**	**29.7**	**28.3**	**31.7**	**33.6**	**100.0**
Industry	8.6	10.3	9.7	9.2	9.3	11.0	9.1	8.8	10.4	11.0	32.7
Transport	0.4	0.4	0.5	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.8
Residential/Comercial	12.1	13.9	13.7	15.6	16.4	17.7	19.7	18.4	20.2	21.3	63.5
Refined products consumption	**38.2**	**40.7**	**40.1**	**40.1**	**40.4**	**41.9**	**41.9**	**44.6**	**46.3**	**47.6**	**100.0**
Gasoline	2.3	2.4	2.3	2.4	2.4	3.0	3.3	4.2	5.0	5.8	12.3
Diesel	22.1	23.9	23.7	23.6	23.2	25.6	25.5	26.4	26.9	27.8	58.3
Heating Oil	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.2
Aviation Jet	1.4	1.3	1.3	1.2	0.7	0.9	1.1	1.3	1.3	1.3	2.8
LPG	4.7	4.6	4.7	4.7	4.4	4.4	4.3	5.0	4.7	4.4	9.3
Imports	**89.4**	**99.5**	**91.3**	**90.8**	**88.0**	**99.6**	**100.1**	**99.8**	**101.9**	**107.2**	**100.0**
Oil	51.3	54.0	49.9	53.6	48.4	51.3	55.1	58.2	58.9	59.2	55.2
Gas	38.2	45.5	41.4	37.2	39.6	48.3	45.0	41.6	43.0	48.1	44.8
Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.5
Diesel	13.3	14.9	15.3	11.5	9.1	11.2	11.0	14.2	16.2	15.1	14.1
Heating Oil	1.7	2.1	2.4	2.0	2.0	1.6	2.3	2.7	1.8	1.7	1.5
Aviation Jet	0.4	0.2	0.5	0.4	0.1	0.2	0.5	0.7	0.8	1.0	0.9
LPG	3.8	3.8	3.7	3.5	3.4	3.5	3.6	4.4	4.1	3.8	3.6
Exports	**7.2**	**7.4**	**5.6**	**9.3**	**8.2**	**7.9**	**10.0**	**11.2**	**11.4**	**12.0**	**100.0**
Oil	6.6	6.9	5.1	8.7	7.8	7.6	9.6	10.4	9.9	10.0	83.3
Gas	0.6	0.5	0.6	0.6	0.5	0.3	0.5	0.7	1.5	2.0	16.7
Gasoline	3.1	3.4	2.6	3.1	2.0	1.8	2.1	1.1	0.3	0.2	1.3
Diesel	0.1	0.2	0.1	1.4	2.7	2.5	2.5	3.1	2.9	4.0	33.2
Heating Oil	1.6	1.5	1.1	2.1	0.2	1.2	1.5	1.2	2.8	1.2	9.6
Aviation Jet	0.2	0.3	0.1	0.7	0.6	0.0	0.3	0.9	0.4	0.8	6.3
LPG	0.2	0.3	0.1	0.1	0.1	0.2	0.5	0.5	0.5	0.6	5.4
CO_2 Emissions *(Million tons CO_2)*	**339.6**	**381.0**	**376.7**	**367.4**	**367.6**	**402.3**	**391.8**	**387.5**	**410.2**	**420.6**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**162.5**	**169.6**	**162.7**	**157.4**	**154.7**	**151.9**	**140.2**	**131.9**	**135.3**	**133.9**	**-**
Final energy intensity *(toe/million $15ppp)*	**43.2**	**44.7**	**42.6**	**42.5**	**42.6**	**41.5**	**38.7**	**37.5**	**38.6**	**38.4**	**-**
Total energy intensity *(toe/million $15ppp)*	**65.6**	**65.6**	**62.6**	**62.9**	**62.0**	**60.4**	**56.1**	**54.0**	**54.8**	**54.9**	**-**

**Heat is included*

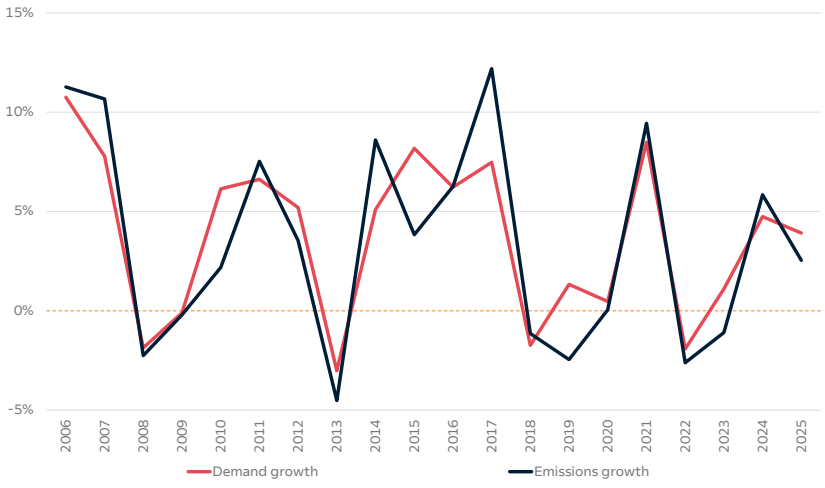
Primary energy demand mix



Electricity generation by source



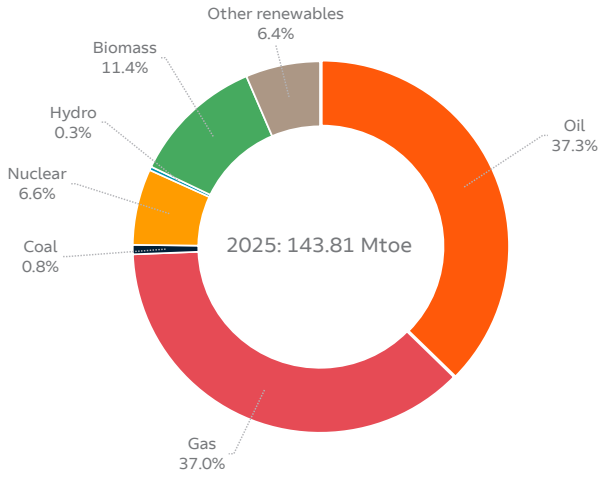
Primary energy demand and CO_2 emissions growth



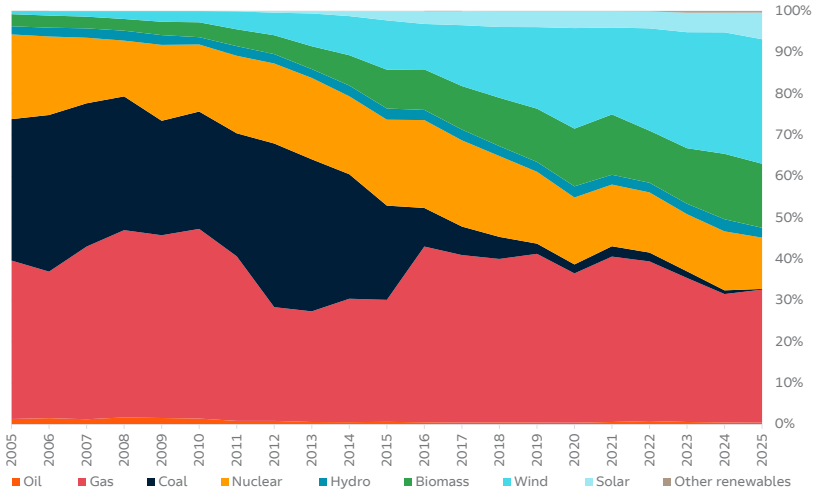
United Kingdom *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**177.0**	**175.3**	**174.5**	**167.6**	**154.7**	**159.3**	**151.9**	**145.6**	**145.5**	**143.8**	**100.0**
Oil	60.3	60.7	59.8	58.1	49.0	51.3	51.0	50.8	51.2	52.7	36.6
Gas	68.3	67.5	68.0	66.1	63.3	66.3	60.7	54.4	53.2	52.3	36.4
Coal	12.6	10.2	8.6	6.0	5.4	5.5	5.1	4.4	2.5	1.1	0.8
Nuclear	18.7	18.3	17.0	14.6	13.1	12.0	12.4	10.6	10.6	9.3	6.5
Hydro	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.3
Biomass	10.9	11.5	13.0	13.8	14.2	14.8	14.6	14.6	16.1	16.2	11.2
Other renewables	4.1	5.3	6.0	6.6	7.6	6.6	8.1	8.3	8.4	9.1	6.3
Electricity balance of trade*	1.6	1.3	1.7	1.9	1.6	2.2	-0.4	2.2	3.0	2.7	1.9
Total final consumption, by source	**126.6**	**126.4**	**127.6**	**125.5**	**114.8**	**119.2**	**112.8**	**109.7**	**111.5**	**110.8**	**100.0**
Oil	55.5	56.2	55.1	53.9	45.2	47.1	47.3	46.2	47.0	47.5	42.9
Gas	38.5	38.1	39.5	38.4	38.0	40.0	34.0	32.1	33.4	32.5	29.3
Coal	2.5	2.3	2.2	2.0	1.9	1.8	1.9	1.8	1.2	0.9	0.8
Electricity	26.0	25.6	25.9	25.6	24.1	24.5	23.4	23.1	23.3	23.6	21.3
Heat	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1
Biomass	2.8	2.9	3.6	4.2	4.4	4.4	5.0	5.3	5.3	5.4	4.8
Electricity generation, by source	**29.0**	**29.0**	**28.6**	**27.8**	**26.7**	**26.5**	**28.0**	**25.2**	**24.4**	**24.8**	**100.0**
Oil	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.4
Gas	12.3	11.8	11.3	11.4	9.6	10.6	10.8	8.8	7.6	8.0	32.2
Coal	2.7	2.0	1.5	0.7	0.6	0.7	0.6	0.4	0.2	0.0	0.2
Nuclear	6.2	6.0	5.6	4.8	4.3	4.0	4.1	3.5	3.5	3.1	12.4
Hydro	0.7	0.8	0.7	0.7	0.7	0.6	0.7	0.6	0.7	0.6	2.4
Biomass	2.8	3.1	3.3	3.6	3.7	3.9	3.5	3.4	3.9	3.8	15.5
Wind	3.2	4.3	4.9	5.5	6.5	5.6	6.9	7.1	7.2	7.5	30.1
Solar	0.9	1.0	1.1	1.1	1.1	1.0	1.1	1.2	1.2	1.6	6.5
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3
Total final consumption, by sector	**126.6**	**126.4**	**127.6**	**125.5**	**114.8**	**119.2**	**112.8**	**109.7**	**111.5**	**110.8**	**100.0**
Industry	21.1	21.3	21.9	21.9	21.0	20.4	19.8	19.7	19.2	17.9	16.2
Transport	41.4	41.6	41.5	41.4	33.2	36.8	38.3	38.5	39.0	40.0	36.1
Residential/Comercial	54.3	53.4	54.6	53.3	52.2	55.0	48.0	45.8	47.4	47.2	42.6
Oil final consumption, by sector	**55.5**	**56.2**	**55.1**	**53.9**	**45.2**	**47.1**	**47.3**	**46.2**	**47.0**	**47.5**	**100.0**
Industry	2.1	2.4	2.4	2.5	2.6	2.0	2.0	2.0	1.9	1.9	4.0
Transport	40.1	40.2	39.7	39.0	31.0	34.4	35.2	35.0	35.2	36.1	76.1
Residential/Comercial	4.6	4.5	4.6	4.5	4.2	4.5	3.9	4.0	4.5	4.4	9.2
Natural gas final consumption, by sector	**38.5**	**38.1**	**39.5**	**38.4**	**38.0**	**40.0**	**34.0**	**32.1**	**33.4**	**32.5**	**100.0**
Industry	7.4	7.6	8.1	7.8	7.4	7.4	6.8	6.8	6.9	6.3	19.5
Transport	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.3
Residential/Comercial	30.5	30.0	30.9	30.1	30.1	32.2	27.0	25.2	26.4	26.0	80.1
Refined products consumption	**55.5**	**56.2**	**55.1**	**53.9**	**45.2**	**47.1**	**47.3**	**46.2**	**47.0**	**47.5**	**100.0**
Gasoline	12.6	12.4	12.2	12.4	9.6	10.7	11.5	12.0	12.4	12.9	27.2
Diesel	29.7	30.1	29.9	28.9	24.1	26.4	25.9	25.0	25.1	25.2	53.1
Heating Oil	0.3	0.5	0.3	0.3	0.1	0.2	0.2	0.1	0.2	0.4	0.9
Aviation Jet	0.8	0.9	0.9	0.9	0.4	0.4	0.7	0.8	0.9	0.9	1.9
LPG	3.2	3.2	3.2	3.2	2.8	2.7	2.8	2.4	2.5	2.4	5.0
Imports	**126.1**	**129.8**	**129.9**	**125.2**	**103.0**	**111.9**	**124.4**	**115.6**	**117.3**	**114.6**	**100.0**
Oil	86.1	90.0	90.1	86.3	66.0	68.5	76.5	77.3	82.2	78.8	68.8
Gas	40.0	39.8	39.8	39.0	37.0	43.4	47.8	38.3	35.1	35.8	31.2
Gasoline	4.1	3.4	3.6	3.1	2.7	2.7	2.9	3.4	4.4	5.1	4.5
Diesel	17.0	15.9	16.5	15.1	12.2	14.0	13.7	13.1	13.0	13.2	11.5
Heating Oil	1.2	0.9	0.8	0.6	0.7	0.7	0.5	0.4	0.6	0.4	0.4
Aviation Jet	9.3	9.7	10.0	10.0	5.9	4.7	8.3	10.5	11.4	11.3	9.9
LPG	1.0	1.1	1.1	1.0	0.4	0.8	0.7	0.5	0.8	0.9	0.8
Exports	**69.6**	**72.6**	**74.9**	**74.2**	**67.9**	**59.8**	**73.2**	**61.1**	**57.6**	**56.5**	**100.0**
Oil	60.5	62.9	68.4	67.1	59.7	53.9	53.1	47.6	48.4	46.2	81.8
Gas	9.2	9.8	6.5	7.1	8.2	5.9	20.1	13.6	9.2	10.3	18.2
Gasoline	11.7	11.5	10.8	9.9	8.2	8.3	9.6	9.3	9.1	8.7	15.5
Diesel	5.0	3.9	4.4	4.3	4.2	3.7	5.0	3.4	3.4	3.0	5.3
Heating Oil	3.3	2.9	2.4	2.1	2.7	2.5	2.6	2.5	2.6	1.9	3.4
Aviation Jet	1.3	1.3	1.7	1.5	1.3	1.2	1.2	1.5	1.6	1.7	3.1
LPG	1.1	1.2	1.0	0.9	0.5	0.6	0.6	0.5	0.5	0.5	0.8
CO_2 Emissions *(Million tons CO_2)*	**371.7**	**359.8**	**353.5**	**339.6**	**301.7**	**320.5**	**306.3**	**289.0**	**282.1**	**277.7**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**131.7**	**124.2**	**120.4**	**113.8**	**112.7**	**110.2**	**100.5**	**94.5**	**91.2**	**88.6**	**-**
Final energy intensity *(toe/million $15ppp)*	**42.1**	**40.8**	**40.8**	**39.7**	**40.4**	**39.2**	**35.3**	**34.5**	**34.7**	**34.1**	**-**
Total energy intensity *(toe/million $15ppp)*	**62.7**	**60.5**	**59.4**	**56.1**	**57.8**	**54.8**	**49.8**	**47.6**	**47.0**	**45.9**	**-**

**Heat is included*

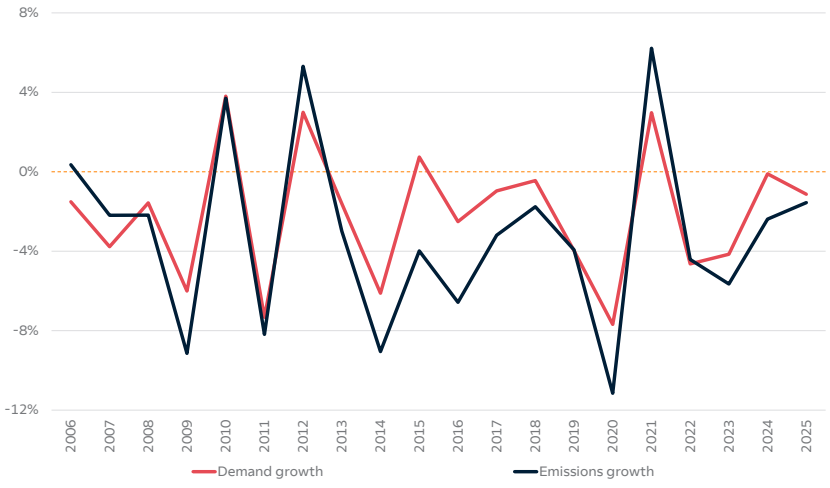
Primary energy demand mix



Electricity generation by source



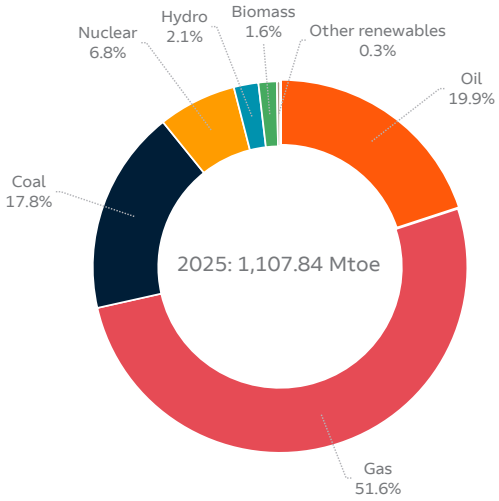
Primary energy demand and CO_2 emissions growth



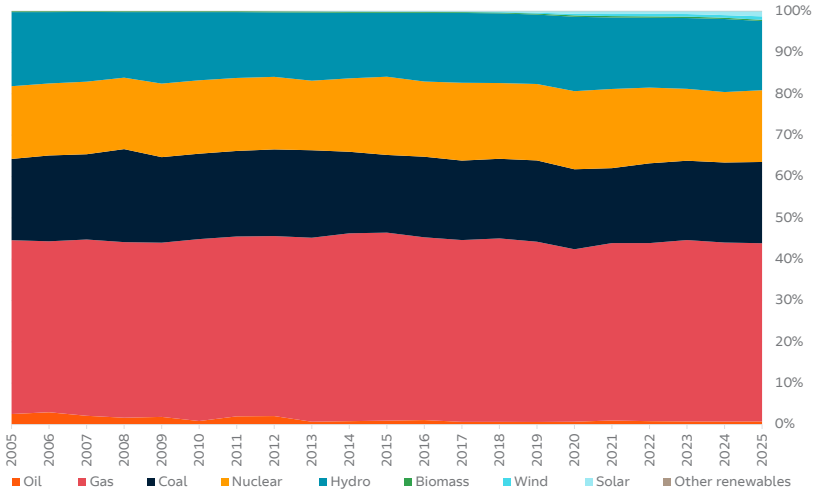
Former Soviet Union *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**1,000.9**	**1,025.2**	**1,084.9**	**1,038.0**	**1,021.4**	**1,143.1**	**1,117.6**	**1,089.6**	**1,104.2**	**1,107.8**	**100.0**
Oil	207.7	215.8	212.4	212.8	210.3	230.7	232.9	215.8	203.9	220.8	19.9
Gas	493.2	509.8	563.6	511.7	508.3	591.2	565.9	557.8	584.5	571.6	51.6
Coal	191.6	187.5	195.9	197.2	182.8	194.7	200.8	200.5	197.8	197.2	17.8
Nuclear	73.0	75.9	75.8	76.7	76.9	82.7	76.9	73.5	74.1	75.1	6.8
Hydro	21.7	22.2	22.8	22.7	23.8	24.4	23.1	23.5	25.0	23.5	2.1
Biomass	14.4	14.6	15.6	17.5	18.8	19.6	18.1	18.3	17.8	17.6	1.6
Other renewables	0.2	0.3	0.4	0.8	1.4	1.7	1.7	1.8	2.2	3.0	0.3
Electricity balance of trade*	-0.9	-1.0	-1.6	-1.3	-0.9	-1.8	-1.8	-1.5	-1.1	-1.0	-0.1
Total final consumption, by source	**628.6**	**655.4**	**682.1**	**678.8**	**664.6**	**716.3**	**693.3**	**687.0**	**675.8**	**671.0**	**100.0**
Oil	158.3	167.9	172.2	176.9	173.0	184.3	187.3	185.4	191.0	194.3	29.0
Gas	206.3	220.3	241.0	236.0	230.7	254.9	241.4	233.7	248.8	244.3	36.4
Coal	35.1	35.8	33.8	33.4	32.5	32.7	28.5	28.3	25.3	27.0	4.0
Electricity	92.7	95.3	96.0	95.0	93.8	101.6	99.5	100.0	101.6	100.7	15.0
Heat	128.0	127.5	129.9	126.8	124.2	132.0	126.3	129.3	130.3	124.9	18.6
Biomass	8.3	8.6	9.2	10.6	10.4	10.7	10.3	10.4	10.1	10.2	1.5
Electricity generation, by source	**132.5**	**133.3**	**136.7**	**136.7**	**134.1**	**142.5**	**138.6**	**139.5**	**143.4**	**142.6**	**100.0**
Oil	1.4	0.9	0.9	0.8	0.9	1.4	1.1	1.0	1.0	1.1	0.8
Gas	58.6	58.6	60.7	59.6	56.0	61.2	59.7	61.2	62.1	61.5	43.1
Coal	25.8	25.6	26.4	26.9	25.9	25.8	26.8	26.8	27.7	28.0	19.6
Nuclear	24.1	25.1	25.0	25.3	25.4	27.3	25.4	24.2	24.5	24.8	17.4
Hydro	22.0	22.5	23.1	23.0	24.1	24.7	23.4	23.9	25.3	23.8	16.7
Biomass	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.5	0.5	0.4	0.3
Wind	0.1	0.1	0.2	0.3	0.5	0.7	0.9	0.9	0.9	1.2	0.9
Solar	0.1	0.1	0.2	0.5	0.8	0.9	0.9	0.9	1.3	1.7	1.2
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**628.6**	**655.4**	**682.1**	**678.8**	**664.6**	**716.3**	**693.3**	**687.0**	**675.8**	**671.0**	**100.0**
Industry	187.5	189.9	171.4	171.4	167.3	183.4	176.3	175.5	177.4	174.4	26.0
Transport	125.0	127.8	133.9	135.0	125.8	137.7	138.5	142.9	116.1	117.6	17.5
Residential/Comercial	223.9	237.3	262.6	259.3	253.2	275.4	263.0	260.3	268.8	265.8	39.6
Oil final consumption, by sector	**158.3**	**167.9**	**172.2**	**176.9**	**173.0**	**184.3**	**187.3**	**185.4**	**191.0**	**194.3**	**100.0**
Industry	21.1	20.8	11.2	12.7	12.5	13.2	13.8	13.1	13.4	14.2	7.3
Transport	83.7	85.9	89.7	91.8	87.6	96.1	97.7	100.4	104.4	106.2	54.7
Residential/Comercial	13.2	16.6	20.0	20.4	20.2	20.6	21.0	20.6	20.6	20.7	10.7
Natural gas final consumption, by sector	**206.3**	**220.3**	**241.0**	**236.0**	**230.7**	**254.9**	**241.4**	**233.7**	**248.8**	**244.3**	**100.0**
Industry	50.4	51.7	49.0	47.5	45.0	55.1	53.8	51.4	53.5	51.2	21.0
Transport	32.9	33.8	35.9	34.9	30.5	33.4	32.5	34.0	36.3	35.2	14.4
Residential/Comercial	82.2	88.9	106.8	104.5	102.6	110.8	103.6	100.4	107.7	106.9	43.8
Refined products consumption	**157.7**	**167.3**	**172.1**	**176.9**	**173.0**	**184.3**	**187.2**	**185.4**	**191.0**	**194.3**	**100.0**
Gasoline	50.4	48.5	50.1	49.2	47.5	51.8	52.1	55.0	57.0	57.4	29.5
Diesel	43.6	47.5	48.9	52.4	51.8	54.4	58.7	58.0	60.0	60.4	31.1
Heating Oil	2.7	3.4	3.2	3.0	2.7	2.6	2.4	2.4	2.4	2.0	1.0
Aviation Jet	5.6	6.2	6.7	6.6	5.5	7.5	7.0	6.6	6.9	6.7	3.4
LPG	21.3	23.5	27.3	29.2	29.1	30.6	32.0	31.0	30.8	28.2	14.5
Imports	**82.2**	**87.2**	**88.7**	**90.0**	**83.2**	**75.3**	**69.8**	**71.2**	**81.2**	**82.9**	**100.0**
Oil	40.5	41.4	41.4	38.1	37.6	37.8	36.1	37.5	37.7	43.8	52.9
Gas	41.8	45.8	47.3	51.9	45.7	37.5	33.7	33.7	43.4	39.1	47.1
Gasoline	5.3	4.1	3.6	2.7	3.1	3.4	3.5	3.7	4.5	4.5	5.4
Diesel	7.8	8.4	8.1	8.2	9.3	9.1	8.0	7.8	7.8	73.0	88.0
Heating Oil	0.7	0.7	0.3	0.3	0.3	0.1	0.4	0.8	0.2	0.3	0.3
Aviation Jet	0.6	0.7	0.7	0.5	0.3	0.4	0.6	0.7	0.8	1.6	1.9
LPG	1.8	2.1	2.3	2.4	2.5	2.6	2.3	2.3	2.6	2.4	2.9
Exports	**774.1**	**788.6**	**805.9**	**848.4**	**768.6**	**752.4**	**700.7**	**694.2**	**704.0**	**686.1**	**100.0**
Oil	516.7	513.3	530.8	540.8	492.4	487.5	494.6	507.2	498.2	491.2	71.6
Gas	257.4	275.4	275.0	307.6	276.2	264.9	206.1	186.9	205.9	194.9	28.4
Gasoline	9.3	8.3	7.7	8.7	9.7	7.8	9.4	9.9	6.1	4.6	0.7
Diesel	41.5	40.2	48.0	46.9	45.8	44.1	39.7	44.5	40.2	37.2	5.4
Heating Oil	57.3	52.4	48.9	55.2	47.6	50.0	46.0	39.9	37.9	36.4	5.3
Aviation Jet	3.1	3.0	3.5	3.1	2.4	2.7	2.7	2.5	3.0	3.2	0.5
LPG	7.9	7.8	8.2	7.4	5.9	5.3	4.6	1.5	1.3	1.0	0.1
CO_2 Emissions *(Million tons CO_2)*	**2,169.7**	**2,200.4**	**2,328.9**	**2,259.4**	**2,169.2**	**2,374.7**	**2,310.7**	**2,375.1**	**2,421.2**	**2,408.3**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**418.2**	**414.3**	**424.8**	**400.6**	**394.1**	**408.4**	**407.0**	**400.5**	**388.7**	**377.8**	**-**
Final energy intensity *(toe/million $15ppp)*	**108.0**	**108.9**	**108.3**	**104.5**	**103.9**	**106.5**	**106.1**	**101.7**	**94.3**	**91.1**	**-**
Total energy intensity *(toe/million $15ppp)*	**192.9**	**193.0**	**197.9**	**184.1**	**185.6**	**196.6**	**196.9**	**183.7**	**177.3**	**173.8**	**-**

**Heat is included*

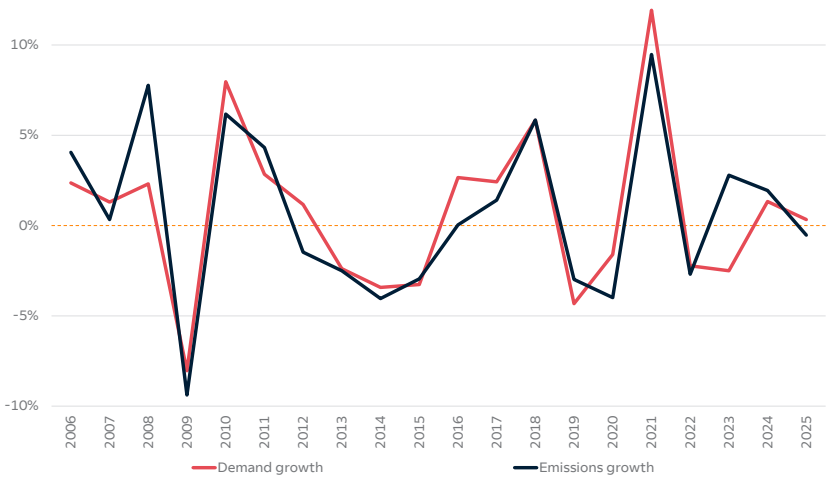
Primary energy demand mix



Electricity generation by source



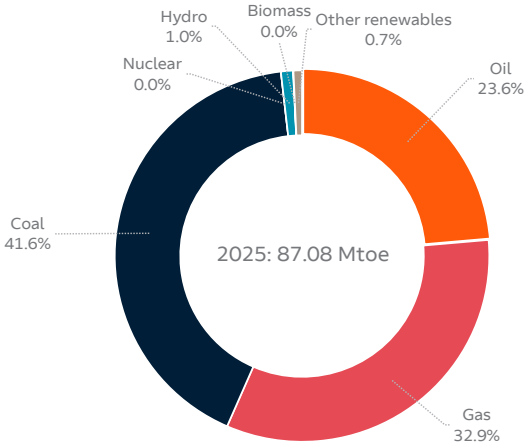
Primary energy demand and CO_2 emissions growth



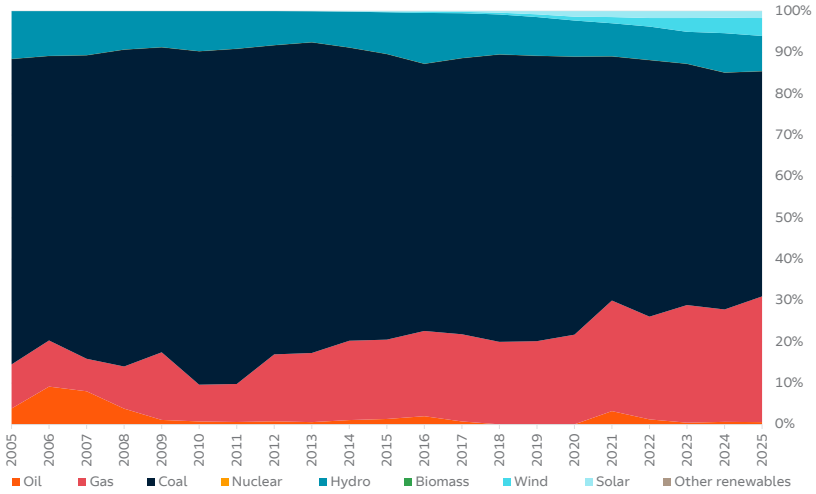
Kazakhstan *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**65.6**	**68.1**	**71.7**	**72.8**	**67.0**	**70.7**	**69.8**	**74.7**	**76.5**	**87.1**	**100.0**
Oil	15.2	15.4	16.0	16.5	12.3	18.2	17.5	18.7	16.3	20.5	23.6
Gas	14.3	14.0	18.6	20.1	20.2	17.0	18.1	19.7	24.6	28.6	32.9
Coal	35.0	38.0	36.3	35.1	33.5	34.5	32.8	34.7	33.8	36.2	41.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	1.0	0.9	1.0
Biomass	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Other renewables	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7
Electricity balance of trade*	-0.1	-0.4	-0.3	-0.0	-0.1	-0.0	0.1	0.2	0.2	0.2	0.2
Total final consumption, by source	**42.8**	**46.8**	**41.4**	**40.9**	**41.4**	**43.5**	**43.0**	**42.8**	**44.2**	**49.0**	**100.0**
Oil	13.0	13.9	12.4	11.4	13.2	13.4	13.7	14.4	14.5	15.6	31.8
Gas	5.2	5.6	5.6	8.4	6.5	6.8	6.6	7.0	9.4	11.0	22.4
Coal	12.6	15.4	10.1	9.4	9.1	9.5	9.4	8.2	5.4	7.1	14.5
Electricity	6.0	6.8	6.9	6.2	6.0	7.5	7.2	6.5	7.3	7.6	15.5
Heat	5.9	5.0	6.2	5.5	6.6	6.3	6.1	6.6	7.5	7.7	15.8
Biomass	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Electricity generation, by source	**8.1**	**8.9**	**9.3**	**9.2**	**9.5**	**9.9**	**9.8**	**9.8**	**10.2**	**10.6**	**100.0**
Oil	0.2	0.1	0.0	0.0	0.0	0.3	0.1	0.0	0.1	0.1	0.6
Gas	1.7	1.9	1.8	1.8	2.1	2.6	2.4	2.8	2.8	3.2	30.4
Coal	5.3	5.9	6.4	6.3	6.4	5.8	6.1	5.7	5.9	5.8	54.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	1.0	0.9	8.5
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	4.3
Solar	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	1.7
Other renewables	0.0	0.0	-0.0	0.0	-0.0	-0.0	-0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**42.8**	**46.8**	**41.4**	**40.9**	**41.4**	**43.5**	**43.0**	**42.8**	**44.2**	**49.0**	**100.0**
Industry	20.4	22.6	15.2	13.0	12.4	13.0	12.1	11.5	9.9	11.1	22.7
Transport	5.8	6.1	6.3	5.9	7.5	8.0	8.8	10.2	11.2	12.0	24.6
Residential/Comercial	13.8	15.8	16.4	20.0	17.5	20.3	19.7	19.1	21.0	23.5	48.0
Oil final consumption, by sector	**13.0**	**13.9**	**12.4**	**11.4**	**13.2**	**13.4**	**13.7**	**14.4**	**14.5**	**15.6**	**100.0**
Industry	4.4	4.1	2.3	1.5	1.6	1.7	1.4	1.3	1.0	1.1	7.2
Transport	5.1	5.4	5.7	5.5	6.4	7.4	8.3	9.7	10.4	11.3	72.3
Residential/Comercial	2.2	2.7	2.9	3.1	3.5	2.9	2.2	2.1	1.6	1.8	11.3
Natural gas final consumption, by sector	**5.2**	**5.6**	**5.6**	**8.4**	**6.5**	**6.8**	**6.6**	**7.0**	**9.4**	**11.0**	**100.0**
Industry	1.4	1.9	1.4	1.1	1.4	1.4	1.3	1.4	1.7	1.9	17.7
Transport	0.3	0.3	0.3	0.1	0.8	0.3	0.2	0.3	0.2	0.2	2.0
Residential/Comercial	3.4	3.3	3.5	6.8	3.8	4.8	4.9	5.1	7.2	8.4	76.2
Refined products consumption	**12.5**	**13.4**	**12.4**	**11.4**	**13.2**	**13.4**	**13.7**	**14.4**	**14.5**	**15.6**	**100.0**
Gasoline	4.7	4.6	4.8	4.8	4.9	5.3	5.0	5.4	5.6	5.9	38.1
Diesel	5.5	5.6	4.8	3.8	5.5	5.3	5.4	5.9	5.6	6.1	39.5
Heating Oil	0.8	1.0	0.7	0.4	0.5	0.4	0.3	0.3	0.2	0.2	1.2
Aviation Jet	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.5	3.0
LPG	0.6	0.9	1.1	1.2	1.0	1.2	1.3	1.3	1.5	1.7	10.6
Imports	**7.7**	**7.5**	**9.9**	**14.5**	**12.0**	**2.7**	**1.9**	**2.5**	**5.6**	**5.1**	**100.0**
Oil	1.9	2.0	1.6	0.6	1.0	0.7	0.9	1.4	1.2	1.7	32.7
Gas	5.9	5.5	8.3	13.9	11.0	2.0	1.0	1.1	4.3	3.4	67.3
Gasoline	1.2	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diesel	0.4	0.5	0.5	0.3	0.7	0.3	0.2	0.4	0.1	0.4	7.5
Heating Oil	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.2	0.3	0.2	0.0	0.0	0.1	0.1	0.2	0.2	0.4	7.3
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**85.4**	**97.7**	**100.4**	**99.7**	**93.2**	**82.3**	**77.3**	**83.3**	**82.7**	**85.7**	**100.0**
Oil	66.9	75.2	77.4	77.1	75.7	73.9	71.5	77.1	76.3	81.1	94.7
Gas	18.5	22.5	23.0	22.6	17.5	8.5	5.8	6.2	6.3	4.6	5.3
Gasoline	0.0	0.0	0.0	0.1	0.5	0.1	0.1	0.0	0.0	0.2	0.3
Diesel	0.1	0.1	0.2	0.0	0.1	0.2	0.1	0.0	0.1	0.1	0.1
Heating Oil	1.8	1.7	2.9	2.5	1.5	2.0	2.3	2.1	1.8	1.5	1.7
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	2.1	2.2	2.0	2.1	2.1	1.9	1.5	1.1	0.9	0.7	0.9
CO_2 Emissions *(Million tons CO_2)*	**205.7**	**228.2**	**212.3**	**210.3**	**209.2**	**228.9**	**217.2**	**234.4**	**239.6**	**263.1**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**500.3**	**533.1**	**476.5**	**451.8**	**461.0**	**483.6**	**444.6**	**456.5**	**445.3**	**459.2**	**-**
Final energy intensity *(toe/million $15ppp)*	**102.5**	**107.5**	**90.3**	**85.3**	**87.9**	**89.5**	**85.4**	**81.0**	**79.5**	**83.0**	**-**
Total energy intensity *(toe/million $15ppp)*	**159.5**	**159.1**	**160.9**	**156.3**	**147.7**	**149.4**	**142.8**	**145.5**	**142.1**	**152.0**	**-**

**Heat is included*

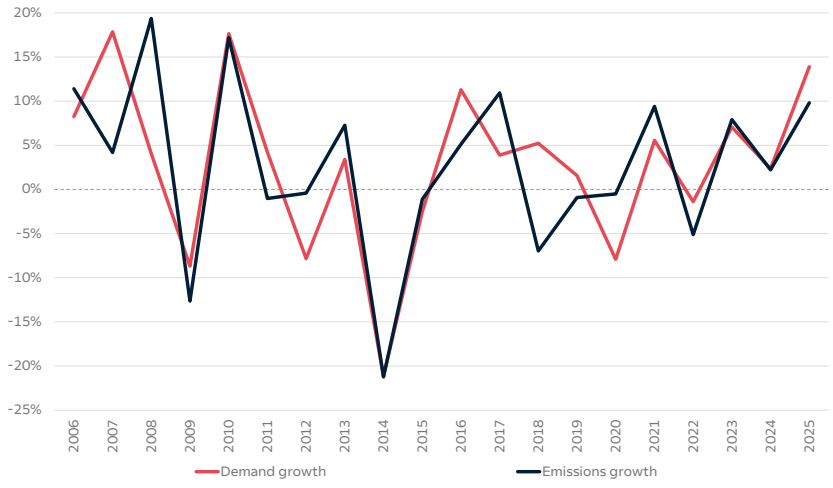
Primary energy demand mix



Electricity generation by source



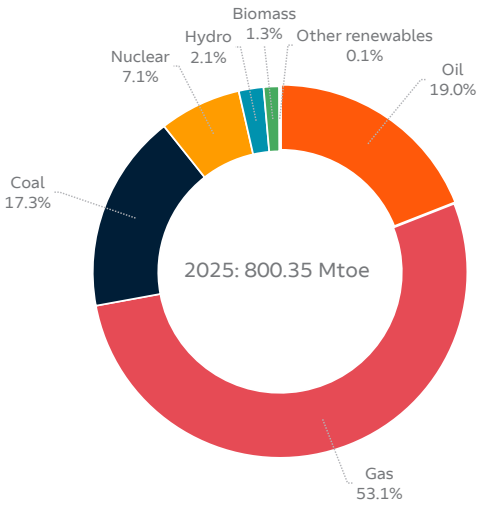
Primary energy demand and CO_2 emissions growth



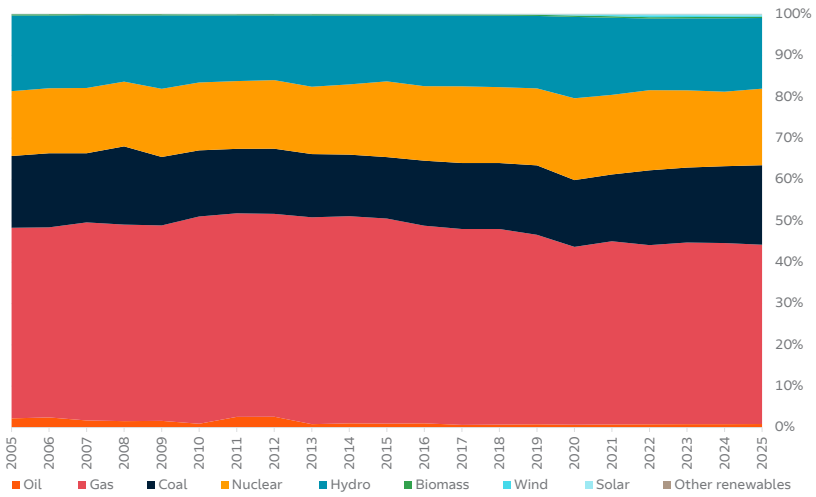
Russia *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**715.6**	**741.0**	**792.9**	**744.8**	**739.8**	**829.8**	**827.3**	**794.9**	**808.3**	**800.4**	**100.0**
Oil	154.5	160.8	154.8	155.1	156.5	168.7	173.4	154.5	145.9	152.2	19.0
Gas	371.3	388.3	438.2	382.1	381.5	444.1	423.3	413.2	436.9	425.4	53.1
Coal	115.1	115.3	121.9	127.0	116.9	130.1	145.2	143.1	140.9	138.4	17.3
Nuclear	51.2	52.9	53.3	54.5	56.2	58.2	58.2	56.6	56.0	56.8	7.1
Hydro	15.9	15.9	16.4	16.7	18.3	18.4	17.0	17.2	18.0	17.1	2.1
Biomass	8.3	8.0	8.8	10.4	10.5	11.2	10.5	10.7	10.8	10.7	1.3
Other renewables	0.1	0.1	0.1	0.1	0.3	0.5	0.7	0.6	0.7	0.6	0.1
Electricity balance of trade*	-0.8	-0.5	-0.6	-1.1	-0.5	-1.4	-1.0	-1.0	-1.0	-0.8	-0.1
Total final consumption, by source	**449.5**	**472.7**	**500.4**	**498.1**	**479.2**	**517.7**	**510.6**	**502.3**	**520.9**	**513.8**	**100.0**
Oil	113.4	120.9	124.8	130.6	126.4	135.7	139.3	135.8	139.0	142.8	27.8
Gas	150.8	165.3	185.9	178.3	168.8	183.6	175.0	166.2	179.6	174.7	34.0
Coal	12.3	11.4	13.0	13.4	13.1	13.9	13.3	13.7	12.8	12.4	2.4
Electricity	64.0	65.4	65.3	65.0	64.3	69.5	70.8	72.0	74.1	73.3	14.3
Heat	105.3	106.1	107.2	105.2	101.1	109.3	106.8	109.0	109.8	104.9	20.4
Biomass	3.7	3.5	4.1	5.4	5.5	5.7	5.4	5.6	5.6	5.7	1.1
Electricity generation, by source	**93.8**	**94.1**	**95.9**	**96.4**	**93.7**	**99.7**	**99.0**	**99.9**	**102.6**	**101.1**	**100.0**
Oil	0.9	0.6	0.7	0.7	0.6	0.7	0.8	0.8	0.8	0.9	0.8
Gas	44.9	44.6	45.4	44.2	40.3	44.2	42.9	43.9	45.0	43.9	43.4
Coal	14.7	15.0	15.3	16.2	15.1	16.1	17.9	18.1	19.1	19.4	19.2
Nuclear	16.9	17.5	17.6	18.0	18.6	19.2	19.2	18.7	18.5	18.7	18.5
Hydro	16.1	16.1	16.6	16.9	18.4	18.6	17.1	17.4	18.2	17.3	17.1
Biomass	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Wind	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.4	0.4	0.3	0.3
Solar	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**449.5**	**472.7**	**500.4**	**498.1**	**479.2**	**517.7**	**510.6**	**502.3**	**520.9**	**513.8**	**100.0**
Industry	133.3	133.9	124.3	125.9	123.1	131.4	133.2	132.0	135.6	132.0	25.7
Transport	94.5	96.0	101.3	102.1	93.3	102.8	104.3	106.7	110.7	110.7	21.5
Residential/Comercial	152.1	164.2	185.6	181.1	172.3	187.7	181.0	178.6	184.8	179.6	35.0
Oil final consumption, by sector	**113.4**	**120.9**	**124.8**	**130.6**	**126.4**	**135.7**	**139.3**	**135.8**	**139.0**	**142.8**	**100.0**
Industry	16.0	15.8	7.9	10.2	9.6	10.2	11.1	10.6	11.0	11.7	8.2
Transport	57.9	59.1	61.9	64.1	60.4	67.0	69.8	70.5	72.1	73.0	51.1
Residential/Comercial	9.8	12.9	15.6	16.0	15.6	16.5	17.6	17.4	17.2	17.2	12.0
Natural gas final consumption, by sector	**150.8**	**165.3**	**185.9**	**178.3**	**168.8**	**183.6**	**175.0**	**166.2**	**179.6**	**174.7**	**100.0**
Industry	36.4	38.0	38.3	36.7	34.1	37.7	37.0	34.0	36.8	34.9	20.0
Transport	29.6	30.3	32.3	31.0	26.2	28.7	27.2	28.8	31.1	30.3	17.3
Residential/Comercial	49.3	56.0	70.3	66.6	63.5	68.6	64.6	61.0	65.9	64.1	36.7
Refined products consumption	**113.4**	**120.9**	**124.7**	**130.6**	**126.3**	**135.7**	**139.3**	**135.8**	**139.0**	**142.8**	**100.0**
Gasoline	36.4	35.2	36.7	36.0	34.2	37.3	38.1	40.1	41.1	41.3	28.9
Diesel	25.0	28.1	29.6	33.6	32.1	34.4	38.9	37.5	38.4	40.0	28.0
Heating Oil	0.9	1.3	1.6	1.6	1.3	1.2	1.2	1.2	1.1	1.1	0.8
Aviation Jet	5.1	5.6	5.9	6.1	5.2	7.2	6.4	6.0	6.1	5.8	4.1
LPG	16.4	18.0	21.5	22.8	23.4	24.6	25.9	25.0	24.4	24.0	16.8
Imports	**9.5**	**9.2**	**9.5**	**8.9**	**9.0**	**7.9**	**7.3**	**3.6**	**9.2**	**9.0**	**100.0**
Oil	2.2	2.0	1.8	1.4	1.6	1.2	0.9	0.2	0.2	0.2	1.9
Gas	7.3	7.2	7.7	7.5	7.4	6.7	6.4	3.4	9.0	8.8	98.1
Gasoline	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diesel	0.1	0.1	0.1	0.1	0.4	0.1	0.2	0.0	0.0	0.0	0.0
Heating Oil	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Exports	**565.8**	**570.6**	**581.3**	**626.1**	**566.8**	**566.9**	**518.9**	**502.5**	**515.0**	**497.7**	**100.0**
Oil	390.6	383.0	400.0	412.5	370.5	367.7	380.9	388.2	381.0	369.9	74.3
Gas	175.1	187.6	181.3	213.5	196.2	199.2	138.1	114.3	134.0	127.8	25.7
Gasoline	5.5	4.6	4.4	5.4	5.5	4.1	5.6	6.2	2.2	1.3	0.3
Diesel	34.7	34.3	42.8	41.2	40.8	38.8	35.7	40.5	36.5	33.4	6.7
Heating Oil	50.0	45.6	40.4	48.1	42.8	44.5	40.4	34.4	32.9	31.9	6.4
Aviation Jet	2.6	2.4	2.8	2.6	2.1	2.5	2.5	2.3	2.8	3.0	0.6
LPG	5.4	4.9	5.4	4.9	3.4	3.1	2.7	0.0	0.0	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**1,479.0**	**1,508.1**	**1,634.3**	**1,576.8**	**1,501.5**	**1,647.3**	**1,655.0**	**1,689.2**	**1,716.4**	**1,692.2**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**418.6**	**419.2**	**441.9**	**417.2**	**408.1**	**422.9**	**431.1**	**422.7**	**411.6**	**401.9**	**-**
Final energy intensity *(toe/million $15ppp)*	**110.0**	**112.1**	**113.8**	**110.6**	**108.1**	**110.8**	**111.8**	**107.0**	**105.9**	**102.8**	**-**
Total energy intensity *(toe/million $15ppp)*	**202.5**	**206.0**	**214.4**	**197.1**	**201.0**	**213.0**	**215.5**	**198.9**	**193.8**	**190.1**	**-**

**Heat is included*

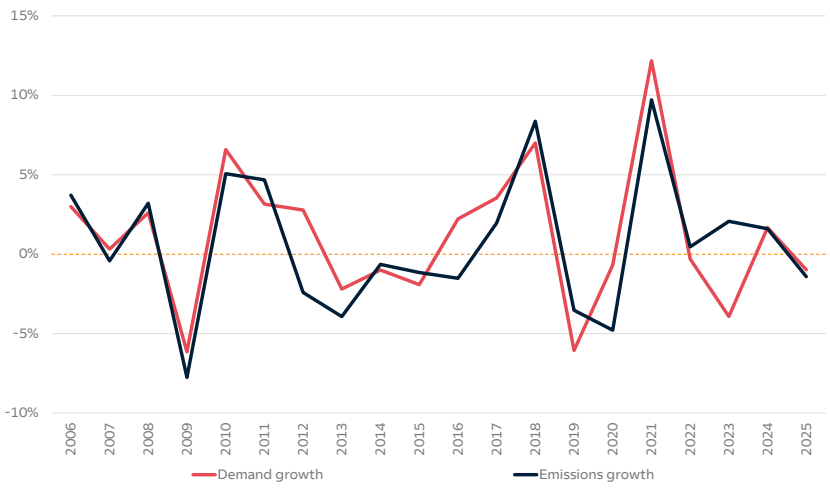
Primary energy demand mix



Electricity generation by source



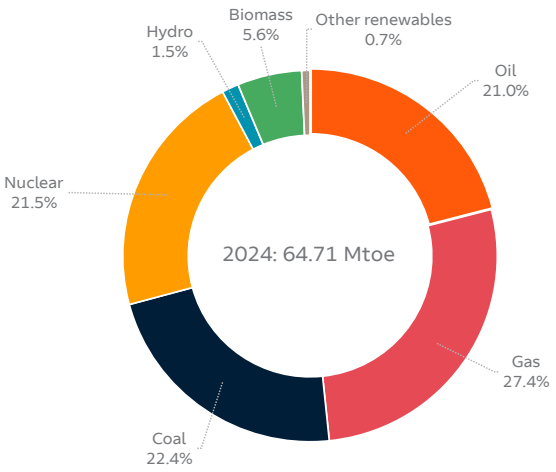
Primary energy demand and CO_2 emissions growth



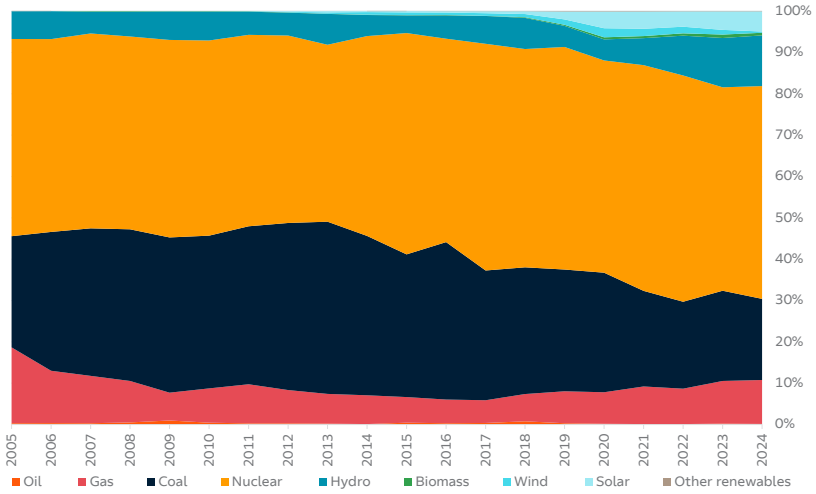
Ukraine *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2024 (%)
Total primary energy demand, by source	**98.9**	**92.9**	**97.5**	**93.0**	**88.4**	**90.7**	**65.6**	**63.5**	**64.7**	**n.d.**	**100.0**
Oil	11.8	12.8	13.7	13.6	14.2	15.2	13.1	13.3	13.5	n.d.	20.8
Gas	25.6	24.6	25.7	23.4	22.6	23.2	15.4	16.5	17.6	n.d.	27.2
Coal	36.7	29.1	31.7	29.5	25.9	23.7	15.7	14.5	14.4	n.d.	22.3
Nuclear	21.1	22.3	22.0	21.6	19.9	22.5	16.2	13.6	13.8	n.d.	21.3
Hydro	0.7	0.8	0.9	0.6	0.5	0.8	0.8	0.9	0.9	n.d.	1.4
Biomass	2.5	2.9	3.2	3.3	4.5	4.6	3.9	4.0	3.6	n.d.	5.5
Other renewables	0.1	0.1	0.2	0.4	0.8	0.8	0.5	0.5	0.5	n.d.	0.7
Electricity balance of trade*	0.4	0.3	0.2	0.5	-0.0	0.0	-0.0	0.2	0.5	n.d.	0.8
Total final consumption, by source	**51.4**	**49.6**	**51.5**	**49.5**	**48.0**	**48.7**	**32.6**	**33.8**	**33.8**	**n.d.**	**100.0**
Oil	9.8	10.1	10.7	10.7	9.6	10.5	8.6	8.7	8.8	n.d.	26.1
Gas	14.3	13.4	13.5	12.0	12.5	11.9	7.4	7.7	7.8	n.d.	23.1
Coal	7.1	5.9	7.2	7.1	6.6	6.3	2.4	3.3	3.8	n.d.	11.2
Electricity	10.1	10.0	10.2	10.0	9.7	10.2	6.9	6.7	6.7	n.d.	19.7
Heat	8.2	7.8	7.5	7.2	7.2	7.3	4.8	5.0	4.5	n.d.	13.3
Biomass	2.0	2.3	2.4	2.5	2.3	2.5	2.4	2.5	2.2	n.d.	6.5
Electricity generation, by source	**14.2**	**13.4**	**13.7**	**13.3**	**12.8**	**13.6**	**9.8**	**9.1**	**8.8**	**n.d.**	**100.0**
Oil	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	n.d.	0.1
Gas	0.8	0.7	0.9	1.0	1.0	1.2	0.8	0.9	0.9	n.d.	10.6
Coal	5.4	4.2	4.2	3.9	3.7	3.1	2.1	2.0	1.7	n.d.	19.6
Nuclear	7.0	7.4	7.3	7.1	6.6	7.4	5.3	4.5	4.5	n.d.	51.4
Hydro	0.8	0.9	1.0	0.7	0.7	0.9	0.9	1.1	1.1	n.d.	12.3
Biomass	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	n.d.	0.6
Wind	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.1	0.0	n.d.	0.3
Solar	0.0	0.1	0.1	0.3	0.5	0.6	0.4	0.4	0.4	n.d.	4.9
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.d.	0.1
Total final consumption, by sector	**51.4**	**49.6**	**51.5**	**49.5**	**48.0**	**48.7**	**32.6**	**33.8**	**33.8**	**n.d.**	**100.0**
Industry	15.6	15.6	17.2	16.8	16.6	16.3	7.1	8.0	8.3	n.d.	24.6
Transport	7.9	8.2	8.3	8.7	7.3	8.1	5.4	5.4	5.5	n.d.	16.3
Residential/Comercial	22.7	21.3	20.2	18.0	18.7	18.8	15.3	15.0	14.5	n.d.	42.9
Oil final consumption, by sector	**9.8**	**10.1**	**10.7**	**10.7**	**9.6**	**10.5**	**8.6**	**8.7**	**8.8**	**n.d.**	**100.0**
Industry	0.2	0.4	0.4	0.5	0.6	0.7	0.4	0.4	0.4	n.d.	4.4
Transport	7.3	7.5	7.7	8.0	6.8	7.5	5.0	5.1	5.1	n.d.	58.2
Residential/Comercial	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	n.d.	1.5
Natural gas final consumption, by sector	**14.3**	**13.4**	**13.5**	**12.0**	**12.5**	**11.9**	**7.4**	**7.7**	**7.8**	**n.d.**	**100.0**
Industry	2.5	2.6	2.9	2.7	2.8	2.5	1.0	1.4	1.4	n.d.	17.9
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.d.	0.2
Residential/Comercial	9.9	9.4	9.6	7.6	7.3	7.0	5.3	4.9	4.9	n.d.	62.3
Refined products consumption	**9.7**	**10.1**	**10.7**	**10.7**	**9.6**	**10.5**	**8.6**	**8.7**	**8.8**	**n.d.**	**100.0**
Gasoline	2.3	2.0	1.9	1.7	1.7	2.1	1.7	1.8	1.8	n.d.	20.5
Diesel	5.1	5.2	5.4	5.9	5.2	5.8	5.0	5.1	5.2	n.d.	58.7
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.d.	0.2
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.d.	0.0
LPG	1.5	1.7	1.9	2.1	1.5	1.5	1.1	1.1	1.1	n.d.	12.4
Imports	**19.0**	**22.2**	**20.0**	**21.3**	**19.4**	**19.3**	**13.5**	**14.5**	**14.2**	**n.d.**	**100.0**
Oil	10.2	10.9	11.5	11.8	12.0	12.9	10.9	11.0	11.0	n.d.	77.5
Gas	8.8	11.3	8.5	9.5	7.4	6.4	2.6	3.5	3.2	n.d.	22.5
Gasoline	1.9	1.3	1.2	1.1	1.1	1.3	1.2	1.2	1.2	n.d.	8.2
Diesel	5.2	5.5	5.7	6.4	6.2	6.6	5.7	5.8	5.8	n.d.	40.7
Heating Oil	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.d.	0.0
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.d.	0.0
LPG	1.2	1.2	1.4	1.6	1.7	1.8	1.5	1.5	1.5	n.d.	10.8
Exports	**0.1**	**0.4**	**0.3**	**0.8**	**0.3**	**0.4**	**0.2**	**0.1**	**0.1**	**n.d.**	**100.0**
Oil	0.1	0.4	0.3	0.8	0.3	0.3	0.2	0.1	0.1	n.d.	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	n.d.	0.0
Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.d.	0.0
Diesel	0.0	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	n.d.	0.0
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	n.d.	23.9
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.d.	0.0
LPG	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	n.d.	0.0
CO_2 Emissions *(Million tons CO_2)*	**205.5**	**180.3**	**191.6**	**179.4**	**169.2**	**166.7**	**105.9**	**112.9**	**115.4**	**n.d.**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**465.1**	**398.8**	**409.5**	**371.4**	**364.1**	**346.8**	**309.1**	**312.3**	**310.1**	**n.d.**	**-**
Final energy intensity *(toe/million $15ppp)*	**109.7**	**103.9**	**104.3**	**96.6**	**95.3**	**93.5**	**89.8**	**87.2**	**84.7**	**n.d.**	**-**
Total energy intensity *(toe/million $15ppp)*	**223.9**	**205.3**	**208.3**	**192.5**	**190.2**	**188.7**	**191.4**	**175.6**	**173.9**	**n.d.**	**-**

**Heat is included*

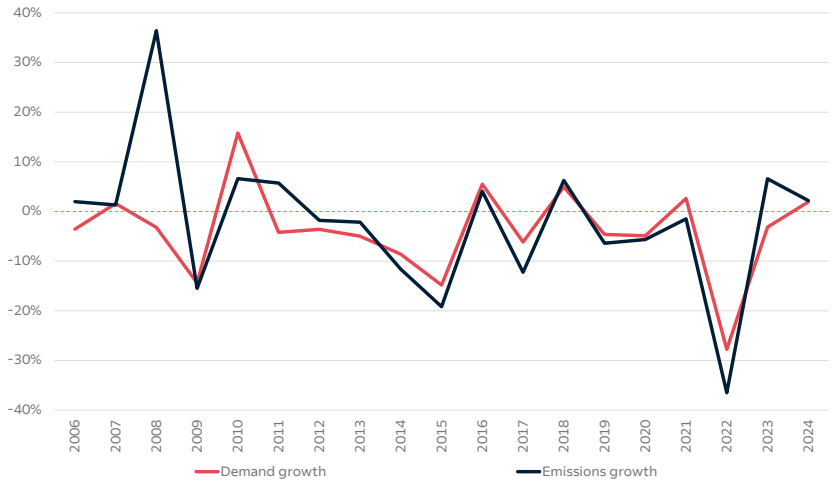
Primary energy demand mix



Electricity generation by source



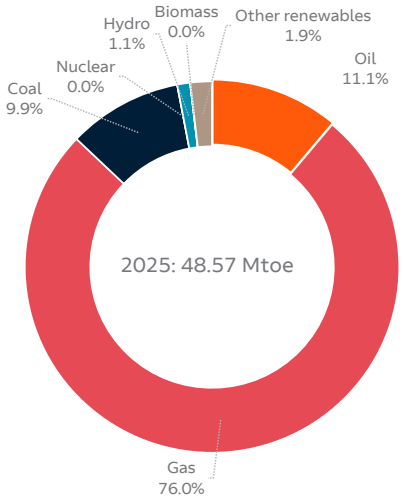
Primary energy demand and CO_2 emissions growth



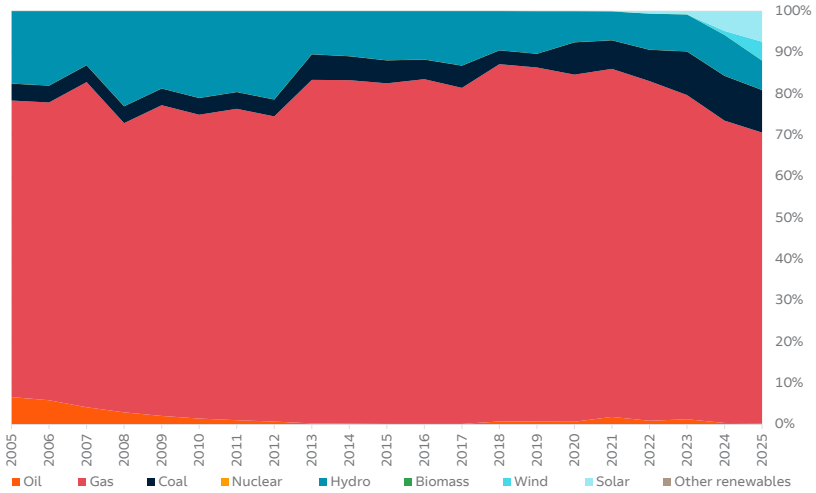
Uzbekistan *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**41.8**	**42.7**	**40.5**	**43.6**	**43.1**	**51.8**	**49.5**	**51.8**	**51.5**	**48.6**	**100.0**
Oil	3.9	4.1	4.4	4.3	4.6	4.6	4.7	6.1	5.5	5.4	11.1
Gas	35.6	36.2	33.1	36.3	34.6	43.6	40.8	40.4	40.0	36.9	76.1
Coal	1.8	1.7	2.6	2.3	3.1	2.8	3.2	4.4	4.7	4.8	9.9
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.6	0.7	0.5	0.6	0.4	0.4	0.6	0.6	0.7	0.5	1.1
Biomass	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.9
Electricity balance of trade*	-0.1	-0.1	-0.0	0.1	0.2	0.3	0.2	0.2	0.1	-0.0	-0.0
Total final consumption, by source	**28.7**	**29.2**	**28.6**	**29.6**	**33.6**	**34.8**	**33.6**	**34.3**	**34.1**	**32.6**	**100.0**
Oil	3.5	3.5	3.6	3.7	4.0	4.1	4.5	5.0	5.5	5.3	16.1
Gas	17.5	18.0	16.7	17.2	20.2	22.4	20.9	21.5	20.6	19.5	59.7
Coal	0.7	0.6	0.9	1.0	1.4	0.8	0.9	0.7	0.8	0.8	2.5
Electricity	4.2	4.3	4.6	4.7	4.5	4.8	4.9	4.7	4.8	5.0	15.3
Heat	2.8	2.7	2.7	3.0	3.4	2.7	2.4	2.5	2.3	2.1	6.4
Biomass	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Electricity generation, by source	**5.0**	**5.2**	**5.4**	**5.4**	**5.7**	**6.1**	**6.4**	**6.7**	**7.1**	**7.6**	**100.0**
Oil	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.3
Gas	4.2	4.2	4.6	4.6	4.8	5.2	5.2	5.2	5.2	5.3	70.3
Coal	0.2	0.3	0.2	0.2	0.4	0.4	0.5	0.7	0.8	0.8	10.3
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.6	0.7	0.5	0.6	0.4	0.4	0.6	0.6	0.7	0.5	7.1
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	4.6
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	7.4
Other renewables	0.0	0.0	0.0	0.0	-0.0	0.0	0.0	-0.0	0.0	-0.0	-0.0
Total final consumption, by sector	**28.7**	**29.2**	**28.6**	**29.6**	**33.6**	**34.8**	**33.6**	**34.3**	**34.1**	**32.6**	**100.0**
Industry	9.9	9.4	6.1	6.7	6.4	7.2	8.3	8.3	7.4	7.2	21.9
Transport	5.1	5.3	5.4	5.7	6.0	6.6	7.1	7.3	7.4	7.0	21.3
Residential/Comercial	10.2	10.7	13.7	13.5	15.9	18.2	16.0	16.2	16.6	15.8	48.5
Oil final consumption, by sector	**3.5**	**3.5**	**3.6**	**3.7**	**4.0**	**4.1**	**4.5**	**5.0**	**5.5**	**5.3**	**100.0**
Industry	0.1	0.1	0.1	0.1	0.1	0.3	0.5	0.5	0.5	0.5	10.1
Transport	2.7	2.6	2.7	2.6	3.2	2.8	2.8	3.0	3.1	2.9	55.2
Residential/Comercial	0.4	0.2	0.5	0.5	0.4	0.4	0.5	0.3	0.7	0.7	12.5
Natural gas final consumption, by sector	**17.5**	**18.0**	**16.7**	**17.2**	**20.2**	**22.4**	**20.9**	**21.5**	**20.6**	**19.5**	**100.0**
Industry	7.5	6.9	4.1	4.4	3.9	4.6	5.3	5.4	4.3	4.1	21.0
Transport	2.3	2.6	2.6	3.0	2.7	3.6	4.2	4.2	4.2	3.9	20.2
Residential/Comercial	6.8	7.5	9.8	9.6	11.8	13.0	10.8	11.3	11.5	10.8	55.7
Refined products consumption	**3.5**	**3.5**	**3.6**	**3.7**	**4.0**	**4.1**	**4.5**	**5.0**	**5.5**	**5.3**	**100.0**
Gasoline	1.2	1.1	1.1	1.1	1.4	1.4	1.4	1.9	2.1	1.9	35.8
Diesel	1.1	1.1	1.1	1.1	1.4	1.1	1.2	1.1	1.4	1.4	26.7
Heating Oil	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.1	2.1
Aviation Jet	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
LPG	0.9	0.9	0.9	0.9	0.8	0.9	1.2	0.9	0.9	0.9	16.4
Imports	**1.1**	**1.2**	**1.4**	**1.1**	**1.7**	**3.5**	**4.1**	**8.0**	**12.2**	**11.5**	**100.0**
Oil	1.1	1.2	1.4	1.1	1.7	1.7	2.4	3.8	3.8	4.1	35.8
Gas	0.0	0.0	0.0	0.0	0.0	1.8	1.8	4.1	8.4	7.4	64.2
Gasoline	0.0	0.0	0.0	0.0	0.3	0.1	0.2	0.6	0.8	0.8	7.3
Diesel	0.0	0.0	0.0	0.1	0.4	0.4	0.2	0.0	0.0	0.3	2.4
Heating Oil	0.0	0.0	0.1	0.1	0.1	0.1	0.3	0.7	0.2	0.3	2.2
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**9.4**	**9.6**	**10.9**	**9.0**	**2.4**	**4.5**	**3.9**	**2.6**	**3.2**	**3.8**	**100.0**
Oil	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.5	0.8	1.0	27.7
Gas	9.3	9.5	10.9	8.9	2.2	4.4	3.4	2.1	2.5	2.7	72.3
Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	10.4
Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	10.1
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.2
CO_2 Emissions *(Million tons CO_2)*	**102.6**	**100.5**	**98.7**	**102.9**	**100.3**	**116.8**	**111.1**	**117.2**	**117.6**	**112.0**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**463.3**	**434.7**	**404.2**	**395.0**	**378.8**	**408.5**	**366.6**	**363.8**	**342.7**	**303.1**	**-**
Final energy intensity *(toe/million $15ppp)*	**128.8**	**124.8**	**115.7**	**111.9**	**123.2**	**118.7**	**108.4**	**103.5**	**96.6**	**85.7**	**-**
Total energy intensity *(toe/million $15ppp)*	**188.7**	**184.8**	**166.0**	**167.4**	**162.7**	**181.2**	**163.4**	**160.8**	**149.9**	**131.4**	**-**

**Heat is included*

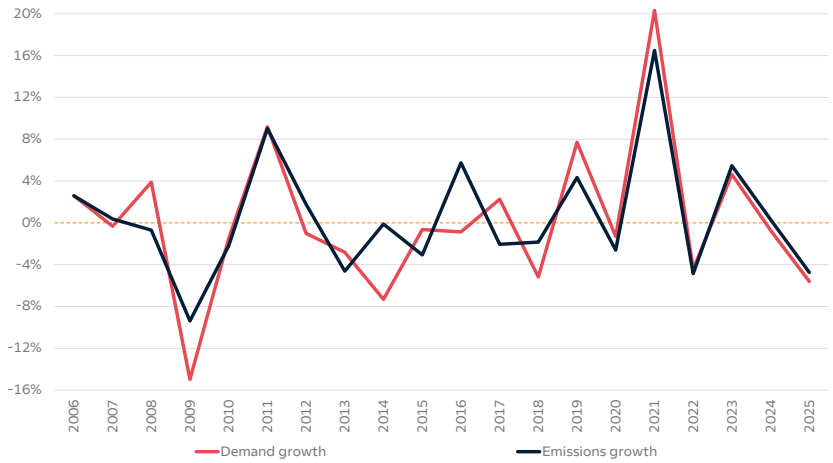
Primary energy demand mix



Electricity generation by source



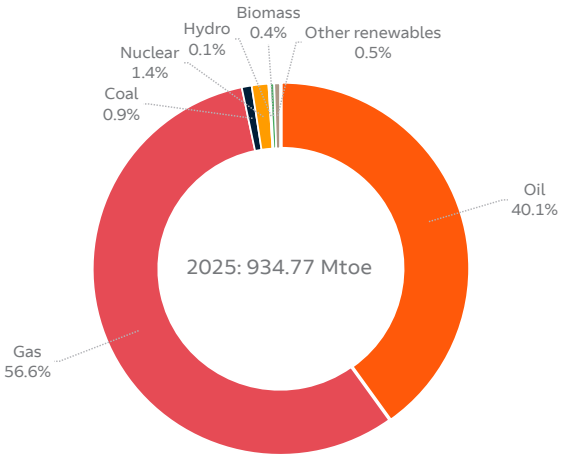
Primary energy demand and CO_2 emissions growth



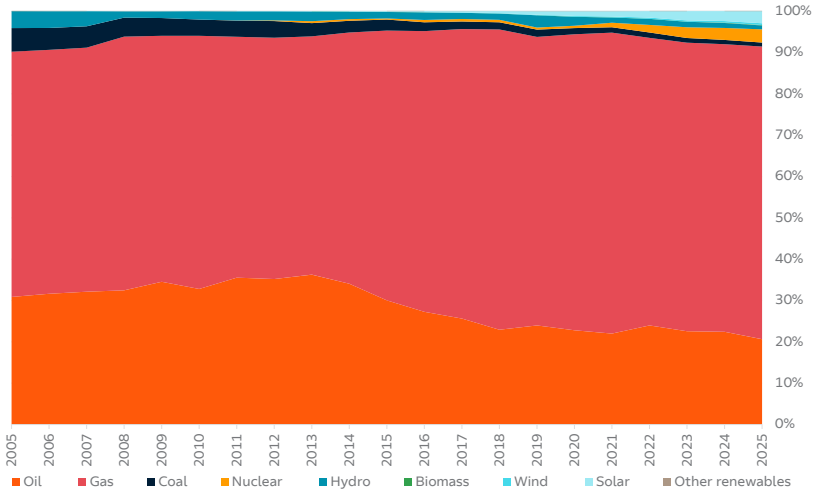
Middle East *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**790.9**	**807.5**	**805.1**	**839.9**	**830.6**	**864.5**	**874.1**	**910.4**	**917.9**	**934.8**	**100.0**
Oil	367.4	372.9	369.4	374.2	344.0	372.1	368.3	376.9	373.7	374.8	40.1
Gas	406.8	418.1	419.6	447.5	468.3	472.7	483.4	506.6	515.9	529.1	56.6
Coal	9.5	9.5	8.9	9.1	9.3	9.4	8.1	8.2	7.6	8.0	0.9
Nuclear	1.7	2.0	1.9	1.8	1.9	3.8	6.9	10.2	11.9	13.4	1.4
Hydro	1.8	1.6	1.6	3.2	2.4	1.5	1.8	1.7	1.6	1.3	0.1
Biomass	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	3.3	3.3	0.4
Other renewables	0.3	0.4	0.7	1.3	1.7	2.0	2.5	3.7	3.7	4.6	0.5
Electricity balance of trade*	0.6	0.2	0.1	0.0	0.1	0.3	0.2	0.2	0.2	0.2	0.0
Total final consumption, by source	**544.4**	**547.4**	**533.6**	**571.9**	**558.8**	**575.2**	**588.9**	**606.6**	**613.1**	**623.6**	**100.0**
Oil	264.2	267.9	261.4	270.7	246.5	261.0	268.5	267.5	268.8	271.5	43.5
Gas	193.4	187.3	180.7	208.2	217.9	214.5	219.7	231.8	234.6	238.6	38.3
Coal	3.0	3.4	3.3	3.1	3.4	4.3	2.7	3.3	2.8	3.3	0.5
Electricity	80.7	85.5	85.1	86.7	87.7	92.2	94.8	100.6	103.9	107.3	17.2
Heat	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.7	0.1
Biomass	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	0.4
Electricity generation, by source	**99.2**	**106.4**	**106.1**	**110.8**	**111.7**	**115.5**	**123.7**	**129.2**	**134.7**	**138.5**	**100.0**
Oil	27.0	27.3	24.3	26.6	25.5	25.4	29.6	29.2	30.2	28.6	20.6
Gas	67.4	74.5	77.0	77.3	80.0	84.1	86.1	90.2	93.7	98.0	70.8
Coal	2.1	2.0	1.8	2.0	1.7	1.5	1.6	1.5	1.4	1.3	1.0
Nuclear	0.6	0.6	0.6	0.6	0.6	1.2	2.3	3.4	3.9	4.4	3.2
Hydro	1.8	1.6	1.6	3.2	2.4	1.5	1.8	1.7	1.6	1.3	0.9
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Wind	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.4
Solar	0.2	0.3	0.5	0.9	1.3	1.5	1.9	2.9	3.2	4.0	2.9
Other renewables	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**544.4**	**547.4**	**533.6**	**571.9**	**558.8**	**575.2**	**588.9**	**606.6**	**613.1**	**623.6**	**100.0**
Industry	156.9	151.5	144.9	157.4	161.6	165.2	167.2	175.7	178.1	179.7	28.8
Transport	138.0	142.0	135.0	147.8	127.9	142.0	153.5	152.9	154.8	157.6	25.3
Residential/Comercial	132.9	131.8	132.5	145.4	146.6	150.7	154.7	164.9	169.4	174.4	28.0
Oil final consumption, by sector	**264.2**	**267.9**	**261.4**	**270.7**	**246.5**	**261.0**	**268.5**	**267.5**	**268.8**	**271.5**	**100.0**
Industry	29.6	27.1	27.0	25.9	23.3	23.5	24.8	25.6	26.3	25.0	9.2
Transport	131.1	135.1	128.3	140.9	120.6	134.2	145.8	144.7	147.0	149.7	55.2
Residential/Comercial	15.6	14.9	15.5	16.1	15.7	15.3	15.5	16.4	17.0	17.3	6.4
Natural gas final consumption, by sector	**193.4**	**187.3**	**180.7**	**208.2**	**217.9**	**214.5**	**219.7**	**231.8**	**234.6**	**238.6**	**100.0**
Industry	107.2	102.4	95.1	108.2	113.2	115.0	116.4	122.7	124.2	125.8	52.7
Transport	6.8	6.9	6.6	6.8	7.2	7.7	7.7	8.1	8.1	8.2	3.4
Residential/Comercial	55.7	52.5	53.7	65.1	67.6	68.4	70.5	75.0	76.5	78.7	33.0
Refined products consumption	**261.4**	**265.7**	**258.6**	**269.1**	**245.7**	**260.1**	**267.5**	**266.6**	**267.8**	**270.4**	**100.0**
Gasoline	76.3	84.4	82.2	83.6	70.0	78.2	86.0	83.6	85.0	87.2	32.2
Diesel	67.0	61.3	58.3	68.9	63.3	68.1	72.4	74.3	75.5	76.3	28.2
Heating Oil	16.4	15.2	13.4	13.6	12.4	12.2	13.6	14.4	15.2	14.1	5.2
Aviation Jet	2.6	2.8	2.8	2.6	1.7	2.2	2.3	2.1	2.2	2.2	0.8
LPG	26.3	26.1	25.1	26.7	27.6	28.2	25.7	25.0	25.8	26.4	9.7
Imports	**138.7**	**146.8**	**164.5**	**141.6**	**146.8**	**147.7**	**154.2**	**161.3**	**162.5**	**154.7**	**100.0**
Oil	105.3	112.6	130.8	107.1	107.7	111.6	114.9	123.3	123.4	119.1	77.0
Gas	33.4	34.2	33.7	34.5	39.1	36.1	39.3	38.0	39.1	35.5	23.0
Gasoline	22.7	26.4	36.2	18.9	17.5	18.0	19.6	19.2	18.8	18.6	12.0
Diesel	20.8	13.7	18.8	10.5	10.2	12.9	12.1	13.7	11.4	10.9	7.0
Heating Oil	21.0	20.9	26.8	27.4	27.5	27.1	28.0	30.2	29.9	29.6	19.2
Aviation Jet	0.8	0.4	0.4	0.6	0.1	0.2	0.3	0.3	0.3	0.2	0.2
LPG	2.2	1.6	1.5	1.5	1.4	1.4	1.7	1.8	1.8	1.7	1.1
Exports	**1,403.8**	**1,375.4**	**1,384.9**	**1,287.1**	**1,217.3**	**1,213.6**	**1,344.7**	**1,278.0**	**1,244.3**	**1,288.3**	**100.0**
Oil	1,261.5	1,231.4	1,244.1	1,141.0	1,064.5	1,057.6	1,182.1	1,120.5	1,084.3	1,126.1	87.4
Gas	142.3	144.0	140.8	146.0	152.7	156.0	162.6	157.5	159.9	162.2	12.6
Gasoline	13.8	15.2	23.9	13.4	18.5	15.0	20.7	20.3	21.8	22.6	1.8
Diesel	59.9	56.4	70.7	60.2	54.1	68.1	66.0	64.3	69.7	72.5	5.6
Heating Oil	40.0	47.1	49.1	36.7	25.8	30.4	36.8	41.2	42.5	43.9	3.4
Aviation Jet	10.0	11.2	12.8	11.4	11.9	13.4	9.4	9.0	8.5	8.9	0.7
LPG	41.3	39.9	42.2	39.3	35.8	36.4	51.5	47.5	49.1	50.7	3.9
CO_2 Emissions *(Million tons CO_2)*	**1,785.9**	**1,787.0**	**1,753.2**	**1,874.5**	**1,847.8**	**1,937.8**	**1,999.9**	**2,055.9**	**2,086.6**	**2,117.7**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**341.6**	**338.8**	**329.2**	**349.0**	**355.9**	**356.5**	**341.9**	**344.2**	**341.4**	**339.7**	**-**
Final energy intensity *(toe/million $15ppp)*	**83.9**	**82.8**	**79.5**	**86.1**	**86.5**	**86.8**	**83.8**	**85.2**	**84.8**	**84.7**	**-**
Total energy intensity *(toe/million $15ppp)*	**151.3**	**153.1**	**151.2**	**156.4**	**160.0**	**159.0**	**149.4**	**152.4**	**150.2**	**149.9**	**-**

**Heat is included*

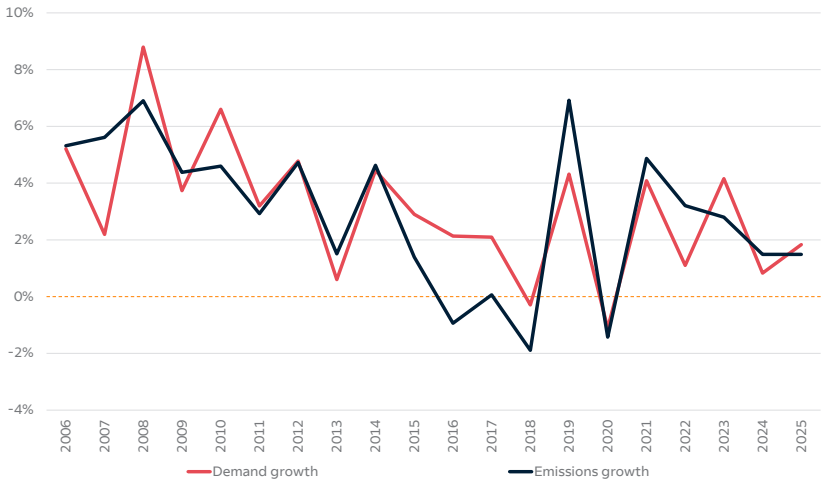
Primary energy demand mix



Electricity generation by source



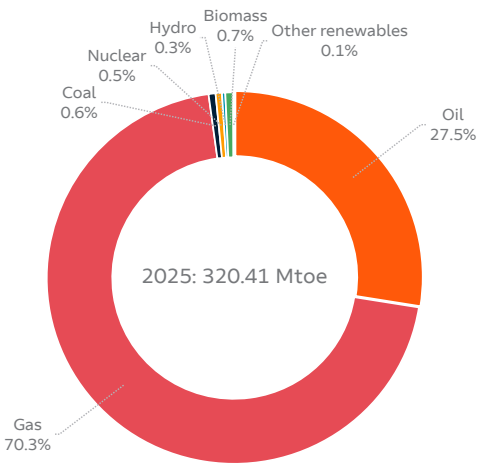
Primary energy demand and CO_2 emissions growth



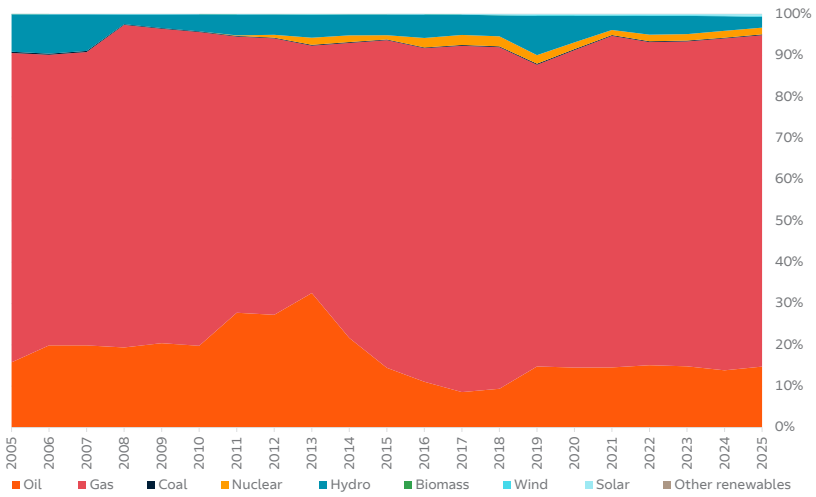
Iran *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**246.6**	**265.2**	**253.6**	**278.5**	**287.6**	**298.9**	**296.5**	**310.7**	**313.0**	**320.4**	**100.0**
Oil	74.2	84.4	76.5	83.3	77.6	86.2	82.1	82.4	83.2	88.2	27.5
Gas	166.4	174.6	170.8	187.6	203.3	206.6	207.1	220.8	222.6	225.3	70.3
Coal	0.9	1.2	1.2	1.5	1.7	1.9	2.2	2.3	1.9	1.9	0.6
Nuclear	1.7	2.0	1.9	1.8	1.4	1.1	1.6	1.6	1.7	1.7	0.5
Hydro	1.4	1.3	1.4	2.7	1.9	1.1	1.4	1.5	1.2	0.9	0.3
Biomass	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	0.7
Other renewables	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Electricity balance of trade*	-0.2	-0.4	-0.3	-0.6	-0.6	-0.2	-0.1	-0.1	-0.1	-0.1	-0.0
Total final consumption, by source	**189.9**	**200.2**	**190.6**	**212.2**	**217.8**	**220.4**	**226.3**	**233.7**	**235.3**	**240.0**	**100.0**
Oil	64.6	72.8	66.2	65.9	61.5	64.2	68.9	67.1	68.4	71.0	29.6
Gas	101.8	103.0	99.2	119.8	128.7	126.9	126.9	134.7	134.1	135.7	56.5
Coal	0.6	0.7	0.8	0.8	0.8	1.1	1.2	1.2	1.0	1.0	0.4
Electricity	20.7	21.6	22.3	23.6	24.7	26.1	27.2	28.5	29.6	30.2	12.6
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	0.9
Electricity generation, by source	**24.9**	**26.5**	**26.6**	**28.1**	**29.4**	**30.6**	**31.7**	**33.1**	**34.3**	**35.0**	**100.0**
Oil	2.8	2.3	2.5	4.2	4.3	4.5	4.8	4.9	4.8	5.2	14.7
Gas	20.1	22.2	22.0	20.5	22.6	24.5	24.8	26.0	27.6	28.1	80.2
Coal	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Nuclear	0.6	0.6	0.6	0.6	0.5	0.4	0.5	0.5	0.6	0.6	1.6
Hydro	1.4	1.3	1.4	2.7	1.9	1.1	1.4	1.5	1.2	0.9	2.6
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Solar	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4
Other renewables	-0.0	-0.0	-0.0	0.0	0.0	0.0	0.0	-0.0	0.0	0.0	0.0
Total final consumption, by sector	**189.9**	**200.2**	**190.6**	**212.2**	**217.8**	**220.4**	**226.3**	**233.7**	**235.3**	**240.0**	**100.0**
Industry	44.2	46.0	44.7	52.3	56.9	61.9	60.9	63.9	62.8	62.6	26.1
Transport	44.4	50.6	47.8	49.6	44.7	49.2	55.1	51.6	52.5	54.2	22.6
Residential/Comercial	67.7	65.1	64.2	74.9	77.6	78.4	80.0	84.9	86.7	89.1	37.1
Oil final consumption, by sector	**64.6**	**72.8**	**66.2**	**65.9**	**61.5**	**64.2**	**68.9**	**67.1**	**68.4**	**71.0**	**100.0**
Industry	3.5	3.7	3.4	3.6	3.8	4.3	4.5	4.6	4.9	4.9	6.9
Transport	37.6	43.7	41.1	42.8	37.4	41.4	47.4	43.4	44.3	45.9	64.7
Residential/Comercial	6.0	5.3	5.4	4.6	4.1	4.0	3.7	3.8	3.9	4.0	5.6
Natural gas final consumption, by sector	**101.8**	**103.0**	**99.2**	**119.8**	**128.7**	**126.9**	**126.9**	**134.7**	**134.1**	**135.7**	**100.0**
Industry	33.6	35.2	33.5	40.2	43.8	47.9	45.9	48.5	46.9	46.5	34.2
Transport	6.8	6.9	6.6	6.8	7.2	7.7	7.7	8.1	8.1	8.2	6.0
Residential/Comercial	49.0	46.3	45.1	56.0	59.1	59.1	60.6	64.5	65.7	67.7	49.9
Refined products consumption	**64.6**	**72.8**	**66.2**	**65.9**	**61.5**	**64.2**	**68.9**	**67.1**	**68.4**	**71.0**	**100.0**
Gasoline	20.1	26.8	23.4	25.4	21.4	24.7	29.6	25.3	25.7	26.6	37.4
Diesel	21.6	21.8	22.4	21.4	21.1	21.8	23.6	24.2	24.9	26.0	36.6
Heating Oil	2.0	1.1	1.0	1.2	1.1	1.6	1.5	1.6	1.7	1.6	2.3
Aviation Jet	0.9	1.0	0.9	0.7	0.6	0.7	0.7	0.6	0.6	0.5	0.8
LPG	2.3	2.3	2.4	2.1	2.2	2.1	2.0	2.0	2.0	2.1	2.9
Imports	**8.6**	**7.9**	**7.7**	**1.7**	**1.6**	**1.8**	**2.7**	**1.9**	**1.8**	**1.8**	**100.0**
Oil	3.6	4.6	6.0	1.4	1.3	1.4	1.4	1.4	1.4	1.4	76.1
Gas	5.0	3.3	1.8	0.3	0.3	0.4	1.3	0.4	0.4	0.4	23.9
Gasoline	2.4	3.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**158.0**	**155.7**	**131.9**	**78.8**	**64.9**	**79.3**	**88.4**	**89.4**	**99.2**	**99.5**	**100.0**
Oil	150.3	144.5	120.1	64.1	50.5	64.7	71.5	76.2	85.6	86.3	86.7
Gas	7.7	11.2	11.8	14.8	14.4	14.6	16.9	13.2	13.6	13.3	13.3
Gasoline	0.0	0.0	0.0	2.0	4.6	1.8	2.1	2.2	3.0	2.8	2.8
Diesel	3.6	2.1	2.1	2.2	2.1	2.5	2.9	2.1	3.3	2.6	2.6
Heating Oil	15.2	15.2	14.3	16.9	14.0	15.8	16.1	17.3	17.8	16.9	17.0
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	3.0	2.8	5.7	5.4	4.9	6.3	9.3	11.4	12.0	12.3	12.3
CO_2 Emissions *(Million tons CO_2)*	**557.0**	**580.0**	**566.3**	**623.5**	**643.4**	**685.0**	**708.4**	**726.6**	**732.5**	**748.7**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**452.6**	**458.6**	**456.1**	**518.2**	**517.5**	**526.1**	**524.3**	**511.9**	**500.8**	**519.8**	**-**
Final energy intensity *(toe/million $15ppp)*	**132.9**	**134.0**	**132.3**	**153.7**	**151.9**	**153.6**	**153.4**	**149.5**	**146.4**	**151.6**	**-**
Total energy intensity *(toe/million $15ppp)*	**200.3**	**209.7**	**204.3**	**231.4**	**231.3**	**229.6**	**219.5**	**218.9**	**214.0**	**222.5**	**-**

**Heat is included*

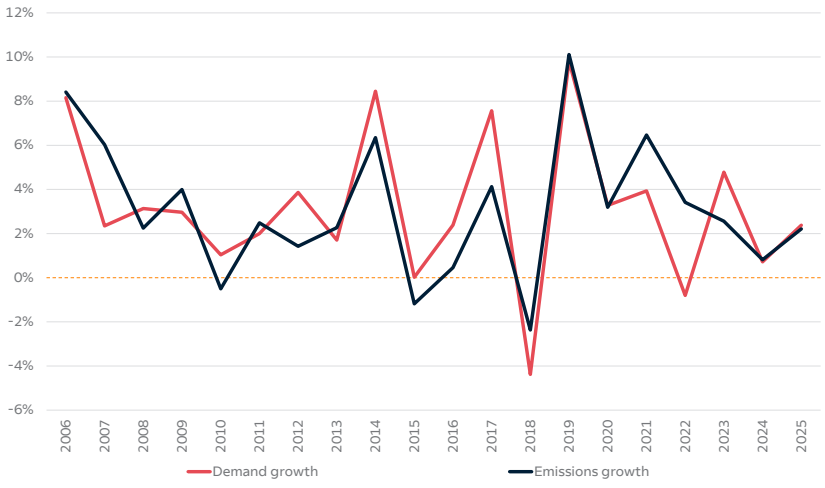
Primary energy demand mix



Electricity generation by source



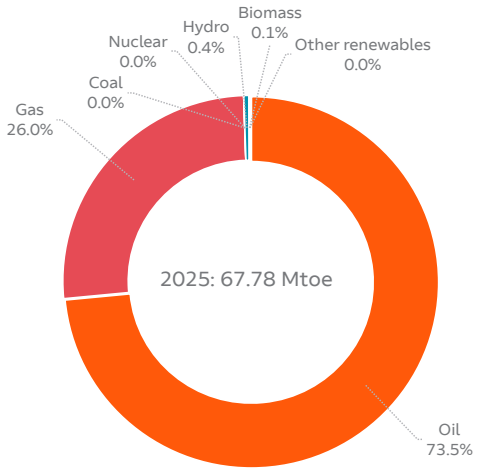
Primary energy demand and CO_2 emissions growth



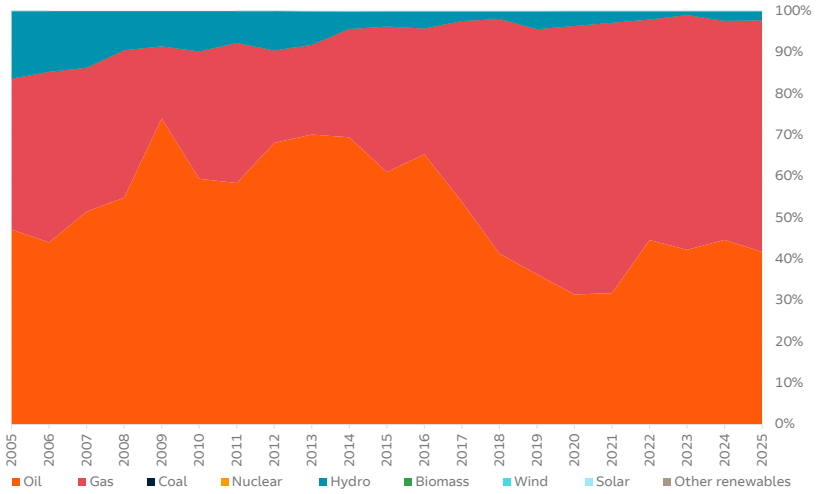
Iraq *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**41.4**	**46.4**	**51.7**	**54.2**	**48.1**	**54.7**	**62.1**	**67.5**	**67.7**	**67.8**	**100.0**
Oil	32.7	35.8	38.5	38.8	31.7	38.1	45.7	50.2	51.4	49.6	73.2
Gas	7.7	9.9	12.6	14.4	15.3	15.8	15.8	16.9	15.7	17.5	25.9
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.3	0.2	0.2	0.4	0.4	0.3	0.2	0.1	0.3	0.3	0.4
Biomass	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity balance of trade*	0.7	0.5	0.4	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4
Total final consumption, by source	**17.7**	**20.0**	**22.0**	**24.9**	**23.0**	**26.7**	**29.4**	**30.9**	**31.3**	**31.6**	**100.0**
Oil	12.8	14.5	16.6	19.3	17.0	20.0	22.2	23.0	23.9	23.8	75.2
Gas	1.6	1.9	2.0	2.0	2.1	2.2	2.2	2.6	2.4	2.7	8.5
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	3.3	3.5	3.4	3.6	3.8	4.5	4.9	5.3	4.9	5.1	16.2
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Electricity generation, by source	**7.0**	**8.0**	**8.5**	**9.9**	**10.1**	**10.4**	**11.5**	**12.9**	**12.9**	**13.6**	**100.0**
Oil	4.6	4.3	3.5	3.6	3.2	3.3	5.1	5.5	5.8	5.7	41.7
Gas	2.1	3.5	4.8	5.9	6.5	6.8	6.1	7.3	6.8	7.6	56.0
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.3	0.2	0.2	0.4	0.4	0.3	0.2	0.1	0.3	0.3	2.2
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other renewables	0.0	0.0	-0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	-0.0
Total final consumption, by sector	**17.7**	**20.0**	**22.0**	**24.9**	**23.0**	**26.7**	**29.4**	**30.9**	**31.3**	**31.6**	**100.0**
Industry	3.5	4.1	4.6	4.7	4.4	4.9	5.2	5.6	5.5	5.7	18.2
Transport	8.1	9.1	10.7	11.3	9.4	11.7	13.5	13.8	14.2	14.1	44.7
Residential/Comercial	5.6	6.1	6.2	8.3	8.5	9.3	9.7	10.7	10.6	10.8	34.2
Oil final consumption, by sector	**12.8**	**14.5**	**16.6**	**19.3**	**17.0**	**20.0**	**22.2**	**23.0**	**23.9**	**23.8**	**100.0**
Industry	1.8	2.0	2.4	2.6	2.2	2.5	2.8	2.9	3.0	3.0	12.6
Transport	8.1	9.1	10.7	11.3	9.4	11.7	13.5	13.8	14.2	14.1	59.5
Residential/Comercial	2.8	3.1	3.2	5.2	5.2	5.3	5.4	5.9	6.2	6.2	26.0
Natural gas final consumption, by sector	**1.6**	**1.9**	**2.0**	**2.0**	**2.1**	**2.2**	**2.2**	**2.6**	**2.4**	**2.7**	**100.0**
Industry	1.3	1.7	1.8	1.7	1.8	1.9	1.9	2.2	2.1	2.3	86.0
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Refined products consumption	**12.8**	**14.5**	**16.6**	**19.3**	**17.0**	**20.0**	**22.2**	**23.0**	**23.9**	**23.8**	**100.0**
Gasoline	4.9	5.6	6.3	6.6	5.4	7.2	8.3	8.6	8.7	8.7	36.7
Diesel	4.7	5.3	6.5	7.1	6.1	6.8	7.8	7.8	8.1	8.1	34.1
Heating Oil	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	1.2
Aviation Jet	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	1.5	1.7	1.7	3.7	3.6	3.9	4.0	4.4	4.6	4.6	19.4
Imports	**4.7**	**5.7**	**7.8**	**9.6**	**13.1**	**12.9**	**13.0**	**13.6**	**11.3**	**8.7**	**100.0**
Oil	4.7	4.5	4.4	4.6	3.8	5.0	5.3	5.1	4.1	3.1	35.1
Gas	0.0	1.2	3.5	5.0	9.3	8.0	7.7	8.5	7.2	5.6	64.9
Gasoline	2.3	2.5	2.7	2.9	2.1	3.6	3.9	3.6	2.6	1.6	18.3
Diesel	1.8	1.8	1.4	1.5	1.4	1.1	1.2	1.2	1.3	1.3	15.1
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**191.7**	**194.8**	**195.7**	**204.0**	**177.2**	**170.9**	**183.9**	**170.8**	**166.1**	**161.6**	**100.0**
Oil	191.7	194.8	195.7	204.0	177.2	170.9	183.9	170.8	166.1	161.6	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Heating Oil	0.3	3.5	1.1	3.7	3.4	3.9	4.4	4.7	5.1	5.5	3.4
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
LPG	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
CO_2 Emissions *(Million tons CO_2)*	**111.6**	**122.8**	**131.9**	**147.3**	**139.0**	**152.8**	**173.2**	**184.8**	**187.7**	**191.2**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**279.7**	**313.4**	**328.1**	**347.2**	**372.5**	**403.6**	**423.6**	**449.5**	**463.9**	**474.4**	**-**
Final energy intensity *(toe/million $15ppp)*	**43.4**	**49.7**	**53.5**	**57.6**	**60.1**	**68.7**	**69.8**	**73.4**	**75.2**	**76.3**	**-**
Total energy intensity *(toe/million $15ppp)*	**103.8**	**118.6**	**128.7**	**127.9**	**128.9**	**144.5**	**151.8**	**164.3**	**167.3**	**168.2**	**-**

**Heat is included*

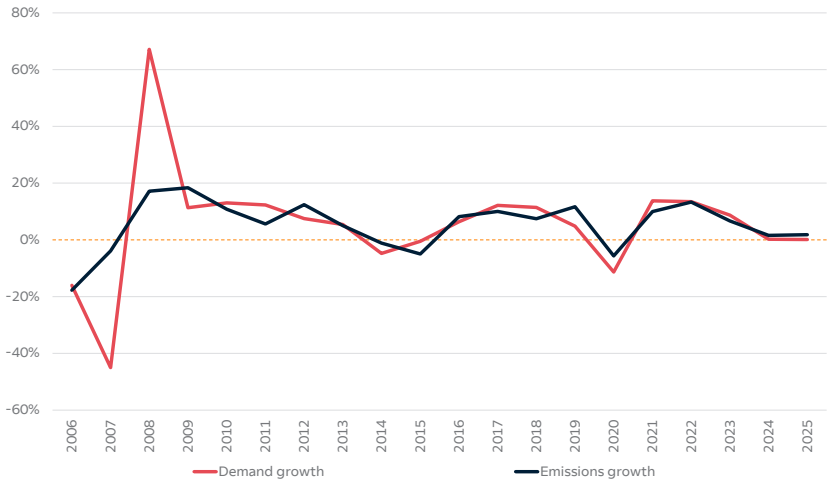
Primary energy demand mix



Electricity generation by source



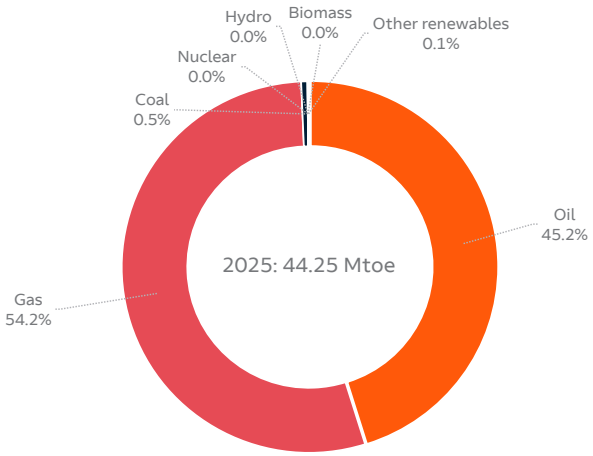
Primary energy demand and CO_2 emissions growth



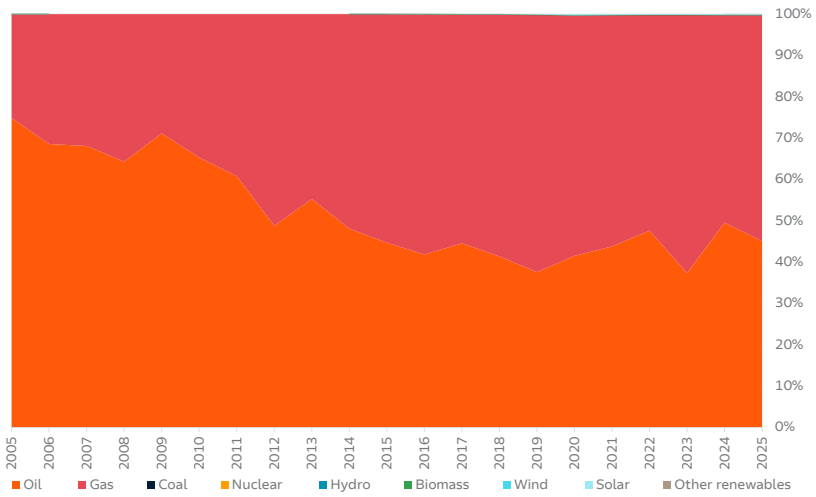
Kuwait *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**38.9**	**38.9**	**40.4**	**36.7**	**32.2**	**30.6**	**40.8**	**41.6**	**42.4**	**44.2**	**100.0**
Oil	20.8	20.5	21.7	18.2	13.7	11.3	20.1	18.9	18.5	20.0	45.2
Gas	18.0	18.3	18.7	18.4	18.4	19.2	20.7	22.6	23.7	24.0	54.2
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Electricity balance of trade*	-0.0	0.0	-0.0	-0.0	0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0
Total final consumption, by source	**19.6**	**21.0**	**22.0**	**23.2**	**22.0**	**23.7**	**24.3**	**25.5**	**25.8**	**26.9**	**100.0**
Oil	11.4	12.0	12.9	13.2	11.9	13.0	13.1	13.0	11.6	13.0	48.5
Gas	3.8	4.3	4.4	5.2	5.3	5.5	5.9	6.1	7.8	7.9	29.5
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.9
Electricity	4.3	4.7	4.6	4.7	4.7	5.1	5.3	6.3	6.1	5.6	21.0
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity generation, by source	**6.0**	**6.3**	**6.4**	**6.5**	**6.4**	**7.0**	**7.2**	**7.6**	**7.7**	**7.2**	**100.0**
Oil	2.5	2.8	2.6	2.4	2.7	3.0	3.4	2.8	3.8	3.2	45.1
Gas	3.5	3.5	3.7	4.0	3.8	3.9	3.8	4.7	3.9	3.9	54.7
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Other renewables	-0.0	0.0	-0.0	0.0	-0.0	0.0	0.0	-0.0	-0.0	-0.0	-0.0
Total final consumption, by sector	**19.6**	**21.0**	**22.0**	**23.2**	**22.0**	**23.7**	**24.3**	**25.5**	**25.8**	**26.9**	**100.0**
Industry	5.8	6.3	6.3	7.2	7.3	7.7	7.4	7.9	9.6	9.7	36.1
Transport	4.7	5.0	5.3	5.3	4.3	5.3	5.7	5.6	5.6	6.0	22.5
Residential/Comercial	3.6	3.9	3.9	3.9	3.8	4.2	4.4	5.2	4.9	4.6	17.1
Oil final consumption, by sector	**11.4**	**12.0**	**12.9**	**13.2**	**11.9**	**13.0**	**13.1**	**13.0**	**11.6**	**13.0**	**100.0**
Industry	1.1	1.0	1.0	0.9	0.9	1.0	0.4	0.3	0.3	0.3	2.4
Transport	4.7	5.0	5.3	5.3	4.3	5.3	5.7	5.6	5.6	6.0	46.3
Residential/Comercial	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.3	2.2
Natural gas final consumption, by sector	**3.8**	**4.3**	**4.4**	**5.2**	**5.3**	**5.5**	**5.9**	**6.1**	**7.8**	**7.9**	**100.0**
Industry	3.8	4.3	4.4	5.2	5.3	5.5	5.9	6.1	7.8	7.9	100.0
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Refined products consumption	**11.4**	**12.0**	**12.9**	**13.2**	**11.9**	**13.0**	**13.1**	**13.0**	**11.6**	**13.0**	**100.0**
Gasoline	3.2	3.3	3.5	3.5	2.7	3.5	3.7	3.9	3.9	4.0	30.9
Diesel	2.3	2.3	2.5	2.5	2.2	2.5	2.1	1.9	1.8	2.1	16.3
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.9
Imports	**4.1**	**4.6**	**4.3**	**4.4**	**5.3**	**7.9**	**8.6**	**8.0**	**9.0**	**8.8**	**100.0**
Oil	0.0	0.1	0.2	0.2	0.3	1.6	1.6	0.9	1.5	1.3	14.7
Gas	4.1	4.5	4.1	4.2	5.0	6.3	7.0	7.2	7.5	7.5	85.3
Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	4.8
Heating Oil	0.0	0.1	0.2	0.2	0.3	1.6	1.6	0.7	1.0	0.9	9.9
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**141.2**	**129.9**	**130.8**	**128.7**	**120.7**	**121.2**	**127.0**	**127.4**	**118.0**	**120.0**	**100.0**
Oil	141.2	129.9	130.8	128.7	120.7	121.2	127.0	127.4	118.0	120.0	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.6	0.5	0.5	0.4	0.3	0.3	0.1	0.5	0.2	0.1	0.1
Diesel	7.1	6.0	5.8	5.8	6.1	6.7	8.9	11.8	16.5	14.5	12.1
Heating Oil	4.4	2.4	2.2	3.3	1.0	1.8	0.9	5.5	8.0	6.8	5.7
Aviation Jet	1.5	0.8	0.9	0.6	1.0	1.5	1.8	2.5	2.7	2.5	2.1
LPG	5.2	5.3	5.5	5.2	5.0	5.2	5.7	6.0	6.5	6.5	5.4
CO_2 Emissions *(Million tons CO_2)*	**90.5**	**90.4**	**92.3**	**90.3**	**86.8**	**93.5**	**94.0**	**101.9**	**102.4**	**105.0**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**506.4**	**530.8**	**527.7**	**504.7**	**510.1**	**540.3**	**508.9**	**560.7**	**578.4**	**572.9**	**-**
Final energy intensity *(toe/million $15ppp)*	**79.9**	**89.8**	**89.6**	**92.2**	**91.1**	**99.8**	**95.2**	**103.7**	**114.6**	**111.7**	**-**
Total energy intensity *(toe/million $15ppp)*	**217.5**	**228.6**	**230.8**	**205.0**	**189.1**	**176.5**	**220.7**	**229.1**	**239.7**	**241.5**	**-**

**Heat is included*

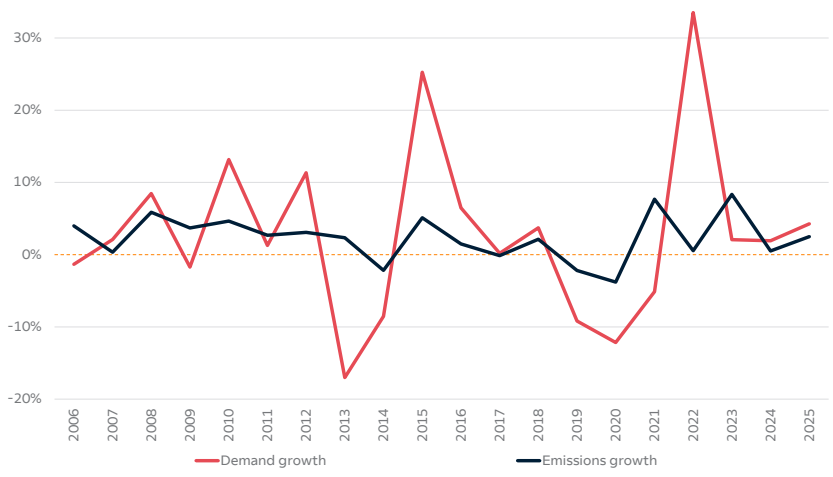
Primary energy demand mix



Electricity generation by source



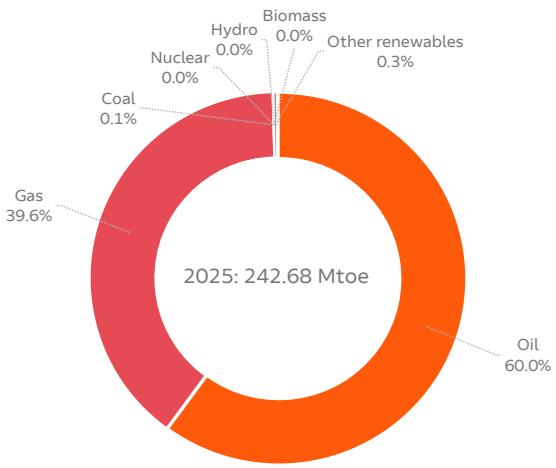
Primary energy demand and CO_2 emissions growth



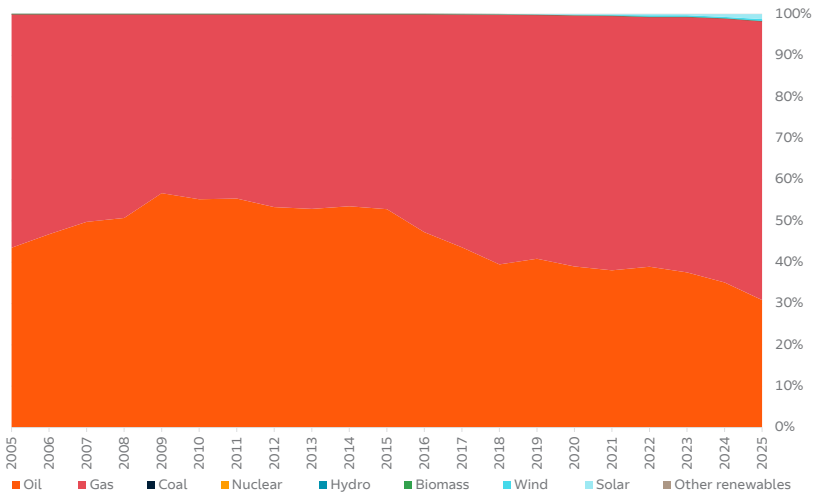
Saudi Arabia *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**242.7**	**234.7**	**236.2**	**247.7**	**235.0**	**252.6**	**237.9**	**237.8**	**241.8**	**242.7**	**100.0**
Oil	168.5	156.6	156.9	167.3	152.9	169.9	151.0	150.4	149.7	145.7	60.0
Gas	74.1	78.0	79.1	80.2	81.8	82.4	86.5	86.9	91.6	96.0	39.6
Coal	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other renewables	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.3	0.4	0.7	0.3
Electricity balance of trade*	-0.1	-0.0	-0.0	0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0
Total final consumption, by source	**172.3**	**164.4**	**154.7**	**163.0**	**153.1**	**157.9**	**158.9**	**156.6**	**158.7**	**158.6**	**100.0**
Oil	117.3	107.8	103.1	111.8	101.6	106.8	104.4	103.1	104.0	102.3	64.5
Gas	29.8	29.3	25.7	26.3	26.5	25.0	27.8	25.2	25.2	24.7	15.6
Coal	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
Electricity	25.2	27.2	25.7	24.8	24.9	25.9	26.6	28.1	29.3	31.4	19.8
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity generation, by source	**29.7**	**32.6**	**30.9**	**31.6**	**31.6**	**32.6**	**37.7**	**38.0**	**40.1**	**42.1**	**100.0**
Oil	14.0	14.2	12.2	12.9	12.3	12.4	14.7	14.2	14.1	13.0	30.8
Gas	15.6	18.4	18.7	18.7	19.2	20.1	22.8	23.5	25.6	28.4	67.5
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.5
Solar	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.3	0.5	1.2
Other renewables	0.0	0.0	0.0	-0.0	-0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**172.3**	**164.4**	**154.7**	**163.0**	**153.1**	**157.9**	**158.9**	**156.6**	**158.7**	**158.6**	**100.0**
Industry	46.8	44.5	40.5	40.2	38.9	37.2	39.3	37.6	38.3	37.2	23.5
Transport	46.0	41.1	35.2	46.2	38.6	42.5	44.5	46.2	46.7	46.6	29.4
Residential/Comercial	23.6	23.6	22.1	21.2	21.2	22.2	23.2	24.9	26.0	27.8	17.5
Oil final consumption, by sector	**117.3**	**107.8**	**103.1**	**111.8**	**101.6**	**106.8**	**104.4**	**103.1**	**104.0**	**102.3**	**100.0**
Industry	18.9	15.4	15.1	14.2	12.6	11.9	12.2	13.0	13.4	12.4	12.1
Transport	46.0	41.1	35.2	46.2	38.6	42.5	44.5	46.2	46.7	46.6	45.6
Residential/Comercial	2.3	1.7	1.8	1.7	1.7	1.8	2.3	2.5	2.7	2.8	2.7
Natural gas final consumption, by sector	**29.8**	**29.3**	**25.7**	**26.3**	**26.5**	**25.0**	**27.8**	**25.2**	**25.2**	**24.7**	**100.0**
Industry	24.4	24.1	20.4	21.2	21.3	20.2	21.8	19.3	19.3	18.9	76.7
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Refined products consumption	**114.5**	**105.6**	**100.4**	**110.2**	**100.7**	**106.0**	**103.4**	**102.1**	**103.0**	**101.3**	**100.0**
Gasoline	26.2	25.7	25.8	25.3	21.0	22.1	22.6	23.0	23.3	23.9	23.6
Diesel	23.4	16.0	11.2	22.7	19.9	22.5	24.1	25.7	25.9	25.0	24.7
Heating Oil	11.8	11.6	9.7	9.9	9.0	8.2	8.8	9.5	10.0	9.1	9.0
Aviation Jet	0.8	0.9	0.9	0.9	0.5	0.8	0.8	0.7	0.8	0.8	0.8
LPG	16.7	16.6	15.6	15.7	17.0	17.6	14.9	13.8	14.1	14.7	14.5
Imports	**28.5**	**25.0**	**42.5**	**21.0**	**21.2**	**21.1**	**20.8**	**26.8**	**26.4**	**26.9**	**100.0**
Oil	28.5	25.0	42.5	21.0	21.2	21.1	20.8	26.8	26.4	26.9	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	9.0	8.9	14.8	4.2	4.5	3.7	4.2	3.9	3.8	4.5	16.8
Diesel	11.3	4.6	10.1	1.0	0.4	4.5	3.3	4.7	1.4	1.2	4.6
Heating Oil	7.2	10.1	16.1	10.7	11.1	9.3	10.1	12.8	11.6	11.5	42.8
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Exports	**461.0**	**449.2**	**480.2**	**424.7**	**403.6**	**385.0**	**463.2**	**416.7**	**386.8**	**417.2**	**100.0**
Oil	461.0	449.2	480.2	424.7	403.6	385.0	463.2	416.7	386.8	417.2	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	9.5	10.8	18.6	4.5	6.8	6.6	12.2	11.6	12.7	13.7	3.3
Diesel	29.5	31.1	42.5	30.4	25.3	34.0	34.4	29.0	29.5	34.8	8.3
Heating Oil	8.4	13.5	17.8	4.3	3.4	4.5	10.8	9.7	7.5	11.0	2.6
Aviation Jet	0.7	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1
LPG	10.4	9.5	10.1	9.7	8.2	7.3	16.0	14.5	14.9	16.2	3.9
CO_2 Emissions *(Million tons CO_2)*	**516.8**	**483.2**	**455.3**	**497.0**	**482.2**	**506.4**	**519.0**	**525.9**	**538.1**	**536.9**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**316.0**	**292.0**	**266.6**	**286.2**	**288.7**	**284.6**	**260.5**	**262.5**	**263.8**	**251.9**	**-**
Final energy intensity *(toe/million $15ppp)*	**71.5**	**66.3**	**57.6**	**62.3**	**59.4**	**57.6**	**54.0**	**54.6**	**54.7**	**52.7**	**-**
Total energy intensity *(toe/million $15ppp)*	**148.4**	**141.8**	**138.3**	**142.7**	**140.7**	**142.0**	**119.4**	**118.7**	**118.6**	**113.9**	**-**

**Heat is included*

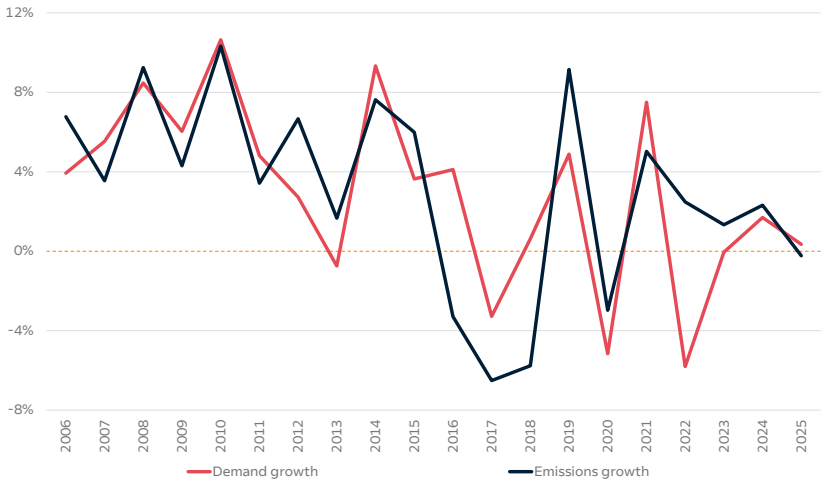
Primary energy demand mix



Electricity generation by source



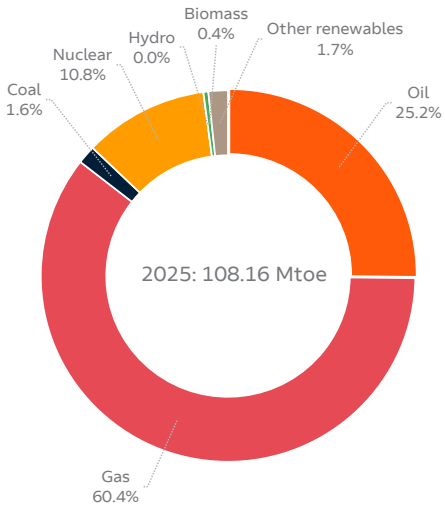
Primary energy demand and CO_2 emissions growth



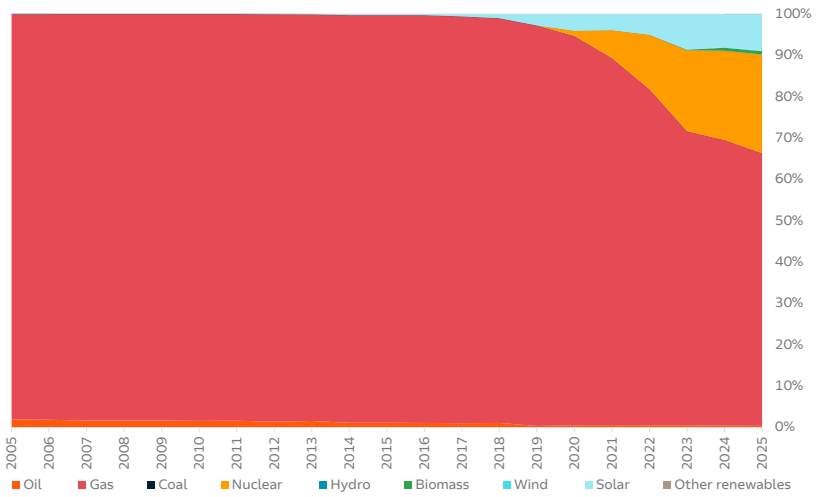
United Arab Emirates *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**87.4**	**78.6**	**79.5**	**80.0**	**82.8**	**81.5**	**87.7**	**98.9**	**102.7**	**108.2**	**100.0**
Oil	26.4	23.9	26.0	20.6	21.9	21.1	21.7	26.2	25.2	27.2	25.2
Gas	59.0	52.4	51.4	57.2	57.8	54.5	58.8	61.0	64.0	65.3	60.4
Coal	1.8	2.1	1.9	1.8	2.1	2.7	1.0	1.6	1.3	1.7	1.6
Nuclear	0.0	0.0	0.0	0.0	0.5	2.6	5.4	8.6	10.2	11.7	10.8
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.5	0.4
Other renewables	0.1	0.1	0.2	0.4	0.5	0.5	0.7	1.4	1.6	1.8	1.7
Electricity balance of trade*	0.1	-0.0	-0.0	-0.0	-0.0	0.0	-0.0	-0.0	-0.0	-0.0	-0.0
Total final consumption, by source	**59.9**	**54.2**	**53.6**	**56.7**	**56.5**	**57.8**	**58.0**	**65.5**	**67.5**	**70.6**	**100.0**
Oil	19.0	19.8	20.3	19.4	17.1	18.6	18.9	19.8	19.7	20.4	28.9
Gas	29.3	22.1	21.0	24.9	26.8	25.1	26.4	31.6	33.1	34.6	49.0
Coal	1.8	2.1	1.9	1.8	2.1	2.7	1.0	1.6	1.3	1.7	2.4
Electricity	9.7	10.1	10.3	10.6	10.5	11.4	11.6	12.6	13.4	13.8	19.6
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Electricity generation, by source	**11.2**	**11.6**	**11.8**	**11.9**	**11.8**	**12.8**	**13.4**	**14.5**	**15.5**	**16.1**	**100.0**
Oil	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.4
Gas	11.1	11.5	11.6	11.6	11.1	11.4	10.9	10.3	10.7	10.6	65.9
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.2	0.9	1.8	2.8	3.4	3.8	23.9
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.8
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Solar	0.0	0.1	0.1	0.3	0.5	0.5	0.7	1.2	1.2	1.4	8.9
Other renewables	-0.0	0.0	0.0	-0.0	0.0	0.0	-0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**59.9**	**54.2**	**53.6**	**56.7**	**56.5**	**57.8**	**58.0**	**65.5**	**67.5**	**70.6**	**100.0**
Industry	33.2	26.3	25.1	28.6	31.5	30.6	30.6	36.5	37.9	40.0	56.6
Transport	11.5	12.5	12.5	11.9	10.2	11.5	11.8	12.6	12.9	13.2	18.7
Residential/Comercial	9.2	9.5	9.6	9.6	8.7	9.6	9.5	10.3	10.9	11.3	16.0
Oil final consumption, by sector	**19.0**	**19.8**	**20.3**	**19.4**	**17.1**	**18.6**	**18.9**	**19.8**	**19.7**	**20.4**	**100.0**
Industry	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.7	8.1
Transport	11.5	12.5	12.5	11.9	10.2	11.5	11.8	12.6	12.9	13.2	64.6
Residential/Comercial	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.3	0.3	1.4
Natural gas final consumption, by sector	**29.3**	**22.1**	**21.0**	**24.9**	**26.8**	**25.1**	**26.4**	**31.6**	**33.1**	**34.6**	**100.0**
Industry	29.0	21.8	20.7	24.4	26.3	24.6	26.0	31.2	32.7	34.2	98.7
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Refined products consumption	**19.0**	**19.8**	**20.3**	**19.4**	**17.1**	**18.6**	**18.9**	**19.8**	**19.7**	**20.4**	**100.0**
Gasoline	7.9	8.8	9.2	8.6	7.1	7.8	8.2	8.7	9.0	9.2	44.9
Diesel	3.3	3.4	3.0	3.0	2.8	3.3	3.2	3.4	3.5	3.6	17.4
Heating Oil	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.5	1.5	1.5	7.5
Aviation Jet	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.5	2.2
LPG	2.0	1.7	1.3	1.3	0.9	0.9	0.9	0.9	0.9	0.9	4.6
Imports	**36.7**	**43.3**	**45.1**	**47.2**	**54.9**	**54.6**	**56.6**	**59.3**	**62.6**	**61.0**	**100.0**
Oil	17.9	24.5	26.4	28.3	35.9	38.2	38.3	41.9	43.4	43.2	70.9
Gas	18.8	18.8	18.7	18.9	19.0	16.4	18.3	17.4	19.3	17.7	29.1
Gasoline	4.2	6.7	8.7	7.0	6.2	5.6	6.0	6.7	7.4	7.5	12.3
Diesel	0.7	0.2	0.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Heating Oil	11.6	8.2	8.3	14.6	14.6	15.1	15.9	16.3	17.0	16.9	27.6
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**182.8**	**184.9**	**182.6**	**187.2**	**183.7**	**184.9**	**203.1**	**196.8**	**196.5**	**207.1**	**100.0**
Oil	171.8	173.2	175.0	179.3	176.4	178.9	197.0	192.8	192.7	204.2	98.6
Gas	11.1	11.7	7.6	7.9	7.4	6.0	6.1	4.0	3.8	2.9	1.4
Gasoline	2.7	3.0	3.3	5.2	5.7	4.7	5.0	5.0	5.3	5.5	2.6
Diesel	9.7	7.1	8.6	9.9	7.6	10.2	6.7	6.8	6.6	7.0	3.4
Heating Oil	6.6	6.1	7.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	4.6	5.5	6.1	5.5	6.6	8.3	4.3	2.6	1.2	1.6	0.8
LPG	11.9	11.5	10.8	10.8	10.1	10.2	12.6	12.0	12.0	12.1	5.8
CO_2 Emissions *(Million tons CO_2)*	**188.4**	**177.2**	**174.1**	**177.5**	**175.9**	**179.0**	**176.3**	**185.1**	**192.7**	**198.2**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**292.6**	**273.2**	**264.9**	**267.1**	**278.5**	**271.6**	**248.9**	**252.1**	**252.9**	**245.9**	**-**
Final energy intensity *(toe/million $15ppp)*	**84.0**	**74.9**	**72.2**	**75.9**	**80.4**	**78.9**	**73.8**	**81.5**	**81.6**	**80.5**	**-**
Total energy intensity *(toe/million $15ppp)*	**135.7**	**121.2**	**120.9**	**120.4**	**131.2**	**123.6**	**123.7**	**134.6**	**134.8**	**134.2**	**-**

**Heat is included*

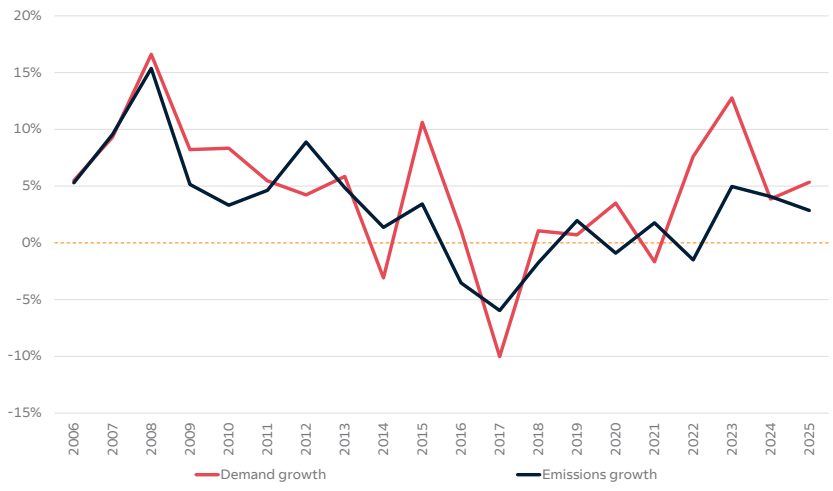
Primary energy demand mix



Electricity generation by source



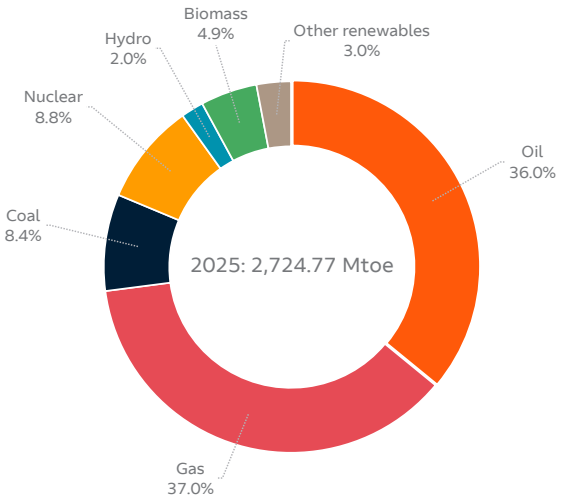
Primary energy demand and CO_2 emissions growth



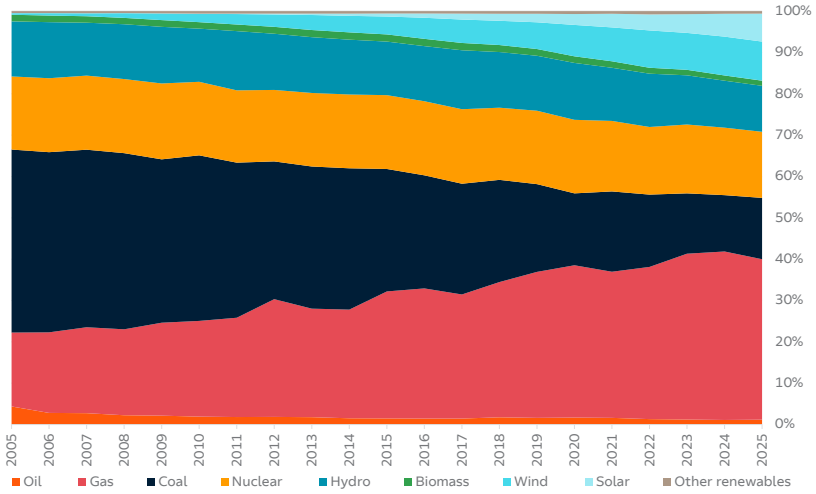
North America *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**2,636.9**	**2,636.7**	**2,709.2**	**2,711.4**	**2,506.6**	**2,618.9**	**2,666.2**	**2,638.6**	**2,670.3**	**2,724.8**	**100.0**
Oil	966.3	973.0	985.3	987.4	874.8	944.3	946.0	948.4	961.1	974.0	35.7
Gas	824.1	819.3	884.7	930.1	903.5	909.6	962.9	964.2	986.7	1,000.5	36.7
Coal	372.8	362.5	346.2	298.4	240.8	271.2	255.8	218.6	204.3	227.7	8.4
Nuclear	248.1	247.8	249.0	249.1	243.0	238.7	235.0	237.0	238.1	238.9	8.8
Hydro	58.9	62.7	61.4	59.8	60.3	57.7	59.4	54.0	52.6	53.1	1.9
Biomass	123.0	124.3	130.3	131.5	122.2	128.7	129.3	136.2	139.0	132.6	4.9
Other renewables	28.3	32.5	36.0	39.9	46.5	53.5	61.6	63.7	72.1	80.3	2.9
Electricity balance of trade*	15.3	14.5	16.3	15.2	15.5	15.1	16.2	16.4	16.3	17.6	0.6
Total final consumption, by source	**1,823.7**	**1,832.7**	**1,904.1**	**1,890.2**	**1,735.7**	**1,816.0**	**1,884.7**	**1,862.3**	**1,883.8**	**1,911.9**	**100.0**
Oil	901.5	902.2	916.2	909.1	800.2	859.0	890.6	884.1	893.5	903.8	47.3
Gas	401.6	411.8	445.7	447.0	416.9	428.5	447.5	432.6	431.6	447.8	23.4
Coal	22.4	23.5	22.0	20.4	17.7	17.0	16.8	15.3	15.3	14.1	0.7
Electricity	393.9	390.8	406.7	398.9	395.2	400.6	416.2	406.7	416.9	425.7	22.3
Heat	9.9	9.0	10.7	10.0	10.0	9.9	10.0	10.3	10.8	11.3	0.6
Biomass	94.4	95.5	102.9	104.8	95.6	100.8	103.6	113.2	115.7	109.2	5.7
Electricity generation, by source	**456.4**	**453.5**	**470.1**	**463.1**	**450.9**	**462.0**	**474.6**	**470.1**	**480.8**	**493.1**	**100.0**
Oil	6.6	6.6	8.3	7.5	7.6	7.4	6.2	5.6	5.3	5.7	1.2
Gas	143.8	136.0	153.8	163.5	166.2	163.3	174.8	188.6	195.9	191.4	38.8
Coal	124.8	121.5	116.1	98.3	78.4	89.8	83.0	68.7	65.5	73.2	14.9
Nuclear	81.9	81.8	82.2	82.2	80.2	78.8	77.6	78.2	78.6	78.8	16.0
Hydro	60.9	64.7	63.3	61.6	62.1	59.5	61.3	55.9	54.5	54.8	11.1
Biomass	8.0	8.0	7.9	7.5	7.2	7.2	6.7	6.3	6.2	6.2	1.3
Wind	23.3	25.7	27.7	29.9	34.2	38.0	42.9	41.9	45.1	46.6	9.4
Solar	4.6	6.4	7.9	9.6	12.0	15.2	18.3	21.3	26.5	33.3	6.8
Other renewables	2.6	2.8	3.0	2.9	3.1	2.9	3.7	3.4	3.1	3.0	0.6
Total final consumption, by sector	**1,823.7**	**1,832.7**	**1,904.1**	**1,890.2**	**1,735.7**	**1,816.0**	**1,884.7**	**1,862.3**	**1,883.8**	**1,911.9**	**100.0**
Industry	366.4	365.6	379.2	368.2	364.4	367.0	380.4	371.4	375.3	376.2	19.7
Transport	726.0	730.1	744.2	743.2	635.2	696.0	725.1	723.3	728.4	721.8	37.8
Residential/Comercial	533.6	532.3	572.1	569.7	545.0	553.4	572.2	551.3	552.5	580.7	30.4
Oil final consumption, by sector	**901.5**	**902.2**	**916.2**	**909.1**	**800.2**	**859.0**	**890.6**	**884.1**	**893.5**	**903.8**	**100.0**
Industry	31.0	29.1	28.2	26.9	27.4	29.4	30.9	26.8	26.7	27.2	3.0
Transport	668.0	671.9	682.6	679.2	573.7	626.6	650.2	641.5	641.2	644.8	71.3
Residential/Comercial	36.3	34.1	34.2	33.3	33.5	34.3	34.9	32.9	31.9	32.9	3.6
Natural gas final consumption, by sector	**401.6**	**411.8**	**445.7**	**447.0**	**416.9**	**428.5**	**447.5**	**432.6**	**431.6**	**447.8**	**100.0**
Industry	154.7	154.2	160.5	160.3	160.7	159.5	163.9	164.3	165.2	166.7	37.2
Transport	21.1	21.4	25.1	27.1	28.2	31.6	34.4	34.8	36.9	31.8	7.1
Residential/Comercial	201.1	206.1	230.3	230.5	212.7	215.5	227.5	211.2	207.2	226.8	50.6
Refined products consumption	**898.6**	**897.9**	**910.5**	**909.1**	**800.2**	**859.0**	**890.6**	**884.1**	**893.5**	**903.8**	**100.0**
Gasoline	448.2	444.7	446.0	445.0	379.7	411.0	422.0	423.5	426.3	425.1	47.0
Diesel	221.3	225.0	231.5	225.9	206.2	218.6	225.6	206.8	201.0	205.6	22.8
Heating Oil	4.0	3.7	3.3	2.1	2.1	4.3	4.8	2.9	3.0	3.2	0.4
Aviation Jet	58.9	62.1	63.4	64.3	39.4	50.2	57.9	61.9	63.4	64.9	7.2
LPG	49.0	46.7	50.0	51.2	50.7	52.1	54.0	57.9	61.2	63.7	7.1
Imports	**733.1**	**741.1**	**738.4**	**696.0**	**610.1**	**639.9**	**633.4**	**648.7**	**653.1**	**633.9**	**100.0**
Oil	609.2	613.7	608.0	569.7	492.1	515.5	507.8	517.2	515.0	494.3	78.0
Gas	123.9	127.4	130.3	126.3	117.9	124.5	125.6	131.4	138.1	139.6	22.0
Gasoline	59.6	57.2	62.3	69.6	52.5	65.0	58.0	61.4	57.4	56.1	8.9
Diesel	19.9	22.7	26.4	24.7	22.8	25.8	23.6	23.3	19.4	20.4	3.2
Heating Oil	13.8	14.3	15.0	12.4	12.4	10.9	11.7	7.1	7.1	7.5	1.2
Aviation Jet	12.1	12.9	12.4	14.6	10.2	11.3	10.8	11.8	10.8	12.2	1.9
LPG	10.1	11.8	11.5	13.1	13.6	15.0	13.4	11.9	12.5	13.0	2.1
Exports	**624.8**	**705.4**	**785.7**	**856.5**	**854.1**	**899.5**	**952.0**	**1,008.6**	**1,036.4**	**1,065.3**	**100.0**
Oil	501.0	559.2	633.7	682.6	669.9	673.2	719.4	756.5	777.4	771.2	72.4
Gas	123.7	146.2	152.0	173.9	184.2	226.3	232.6	252.1	259.0	294.1	27.6
Gasoline	42.3	46.0	49.6	48.7	42.5	48.0	48.6	47.3	46.2	47.3	4.4
Diesel	66.3	76.8	70.9	73.9	68.5	62.0	68.4	65.1	75.3	73.4	6.9
Heating Oil	25.4	25.3	28.1	18.0	14.6	15.2	16.0	17.0	19.7	18.7	1.8
Aviation Jet	9.2	10.4	12.3	12.3	5.4	6.3	9.3	9.0	10.9	11.4	1.1
LPG	30.5	35.0	38.7	45.8	54.1	58.3	62.3	68.5	75.4	78.3	7.4
CO_2 Emissions *(Million tons CO_2)*	**5,836.6**	**5,762.4**	**5,905.1**	**5,741.4**	**5,150.2**	**5,453.3**	**5,560.1**	**5,378.4**	**5,381.7**	**5,530.8**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**258.4**	**249.0**	**248.1**	**236.0**	**218.1**	**217.6**	**215.8**	**202.9**	**197.9**	**199.0**	**-**
Final energy intensity *(toe/million $15ppp)*	**80.7**	**79.2**	**80.0**	**77.7**	**73.5**	**72.4**	**73.1**	**70.3**	**69.3**	**68.9**	**-**
Total energy intensity *(toe/million $15ppp)*	**116.7**	**113.9**	**113.8**	**111.4**	**106.1**	**104.5**	**103.5**	**99.5**	**98.2**	**98.2**	**-**

**Heat is included*

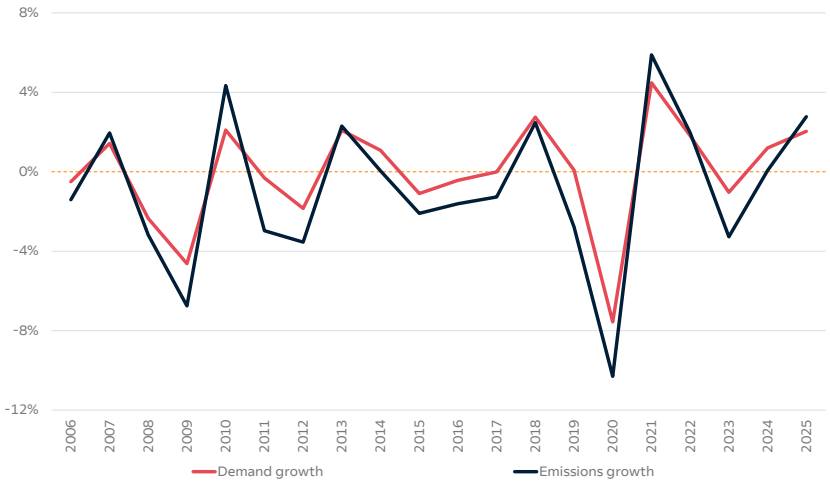
Primary energy demand mix



Electricity generation by source



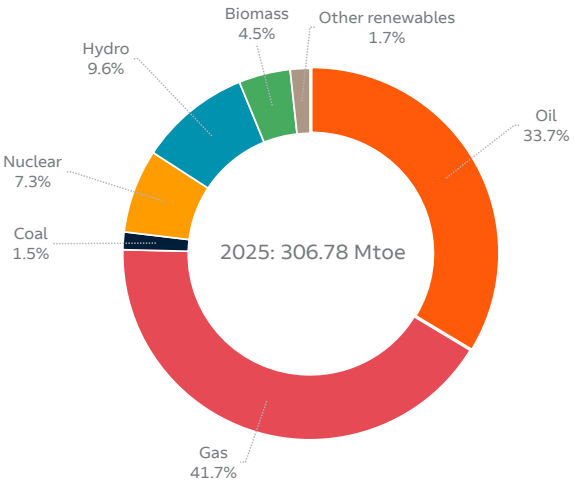
Primary energy demand and CO_2 emissions growth



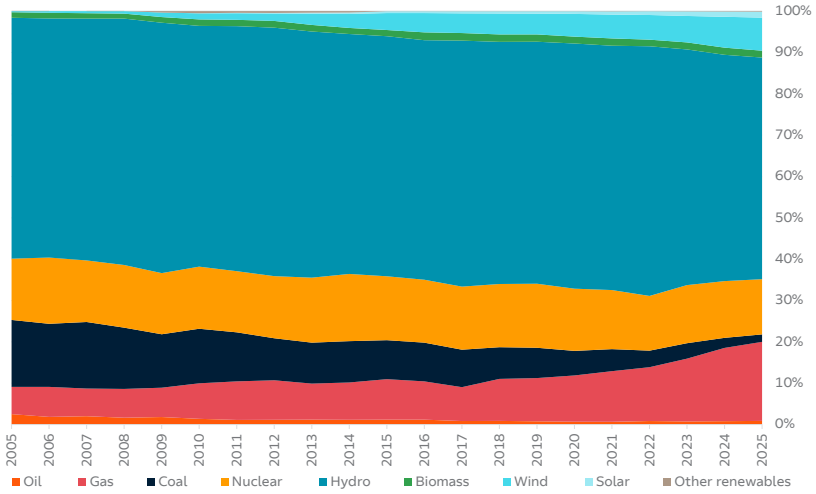
Canada *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**290.9**	**303.0**	**307.2**	**310.0**	**289.7**	**292.5**	**299.8**	**299.2**	**301.0**	**306.8**	**100.0**
Oil	99.4	101.4	103.5	108.0	97.8	99.0	102.3	100.8	99.3	103.5	33.7
Gas	103.6	111.3	116.8	117.6	112.4	112.1	118.9	119.5	124.5	128.2	41.8
Coal	17.4	18.0	14.4	12.4	9.9	11.5	8.3	8.9	7.1	4.7	1.5
Nuclear	26.4	26.4	26.3	26.4	25.6	24.1	22.7	23.2	22.4	22.4	7.3
Hydro	33.1	33.9	33.2	32.8	33.2	32.9	34.2	31.0	29.5	29.6	9.7
Biomass	13.5	14.3	14.0	13.7	12.4	13.3	13.9	14.0	14.4	13.7	4.5
Other renewables	2.9	3.0	3.2	3.1	3.4	3.6	3.9	4.1	4.7	5.2	1.7
Electricity balance of trade*	-5.4	-5.3	-4.1	-4.0	-4.9	-4.0	-4.4	-2.4	-1.0	-0.5	-0.2
Total final consumption, by source	**195.1**	**198.7**	**203.8**	**202.8**	**187.3**	**190.8**	**197.1**	**195.0**	**195.3**	**201.7**	**100.0**
Oil	89.9	89.4	91.1	91.4	80.4	82.9	85.2	85.6	84.8	87.2	43.3
Gas	49.0	50.3	52.8	52.1	49.9	49.8	52.6	50.8	50.8	54.0	26.8
Coal	2.6	2.8	2.7	2.6	2.2	2.2	2.0	2.0	2.0	1.9	0.9
Electricity	42.7	44.4	45.4	45.5	44.6	45.1	45.8	45.6	46.1	47.6	23.6
Heat	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.4
Biomass	10.2	11.0	11.0	10.6	9.6	10.2	10.8	10.4	10.7	10.1	5.0
Electricity generation, by source	**57.2**	**57.0**	**56.7**	**56.1**	**56.1**	**55.7**	**56.6**	**54.4**	**53.9**	**55.3**	**100.0**
Oil	0.7	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.5	0.9
Gas	5.3	4.7	5.8	5.9	6.3	6.8	7.4	8.3	9.6	10.6	19.1
Coal	5.3	5.2	4.3	4.1	3.3	3.0	2.3	2.0	1.3	1.0	1.8
Nuclear	8.7	8.7	8.7	8.7	8.4	8.0	7.5	7.7	7.4	7.4	13.4
Hydro	33.2	33.9	33.2	32.8	33.2	32.9	34.2	31.0	29.5	29.7	53.6
Biomass	1.1	1.0	1.0	1.0	0.9	1.0	0.9	0.9	0.9	0.9	1.7
Wind	2.7	2.7	2.9	2.8	3.1	3.2	3.4	3.5	4.0	4.4	8.0
Solar	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.8	1.4
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total final consumption, by sector	**195.1**	**198.7**	**203.8**	**202.8**	**187.3**	**190.8**	**197.1**	**195.0**	**195.3**	**201.7**	**100.0**
Industry	44.6	45.9	46.3	46.4	42.8	44.4	45.7	44.8	45.3	46.1	22.9
Transport	60.7	62.3	64.5	63.2	53.4	56.4	59.5	60.1	60.9	63.1	31.3
Residential/Comercial	56.9	59.8	62.6	62.0	59.9	58.3	60.5	58.0	58.1	61.1	30.3
Oil final consumption, by sector	**89.9**	**89.4**	**91.1**	**91.4**	**80.4**	**82.9**	**85.2**	**85.6**	**84.8**	**87.2**	**100.0**
Industry	4.2	4.7	4.6	5.0	4.1	4.1	4.1	3.8	3.9	3.9	4.5
Transport	54.5	56.2	58.0	56.8	47.5	49.8	52.0	52.4	52.6	54.6	62.6
Residential/Comercial	3.3	3.0	2.9	3.0	2.6	2.5	2.7	2.4	2.5	2.6	3.0
Natural gas final consumption, by sector	**49.0**	**50.3**	**52.8**	**52.1**	**49.9**	**49.8**	**52.6**	**50.8**	**50.8**	**54.0**	**100.0**
Industry	16.4	15.8	16.0	16.1	15.2	15.7	16.7	17.0	17.3	18.1	33.4
Transport	3.7	3.2	3.6	3.6	3.3	3.7	4.3	4.1	4.4	4.7	8.7
Residential/Comercial	24.9	27.1	29.4	28.8	27.5	26.1	27.6	25.6	25.1	27.1	50.3
Refined products consumption	**89.9**	**89.4**	**91.1**	**91.4**	**80.4**	**82.9**	**85.2**	**85.6**	**84.8**	**87.2**	**100.0**
Gasoline	35.6	35.7	36.8	36.6	30.8	31.9	32.6	33.3	33.4	34.8	39.8
Diesel	25.4	27.5	28.1	27.0	23.8	24.9	25.5	24.8	24.8	25.4	29.1
Heating Oil	1.4	1.2	1.2	1.0	0.7	0.7	0.7	0.6	0.6	0.6	0.7
Aviation Jet	2.4	2.6	2.8	2.8	1.5	1.8	2.5	2.7	2.9	3.1	3.6
LPG	4.5	4.6	4.6	5.3	5.2	5.5	6.0	6.0	6.2	6.8	7.8
Imports	**83.9**	**78.0**	**76.5**	**82.5**	**71.4**	**62.8**	**62.4**	**63.2**	**62.5**	**63.5**	**100.0**
Oil	65.1	56.7	57.0	60.6	51.4	46.1	44.8	43.9	43.7	43.5	68.4
Gas	18.8	21.3	19.6	21.9	20.0	16.7	17.6	19.2	18.8	20.1	31.6
Gasoline	4.0	3.7	4.2	6.7	4.3	5.4	5.2	5.0	4.3	3.8	6.0
Diesel	2.1	1.1	2.2	1.2	0.8	1.1	0.9	0.8	0.7	1.1	1.7
Heating Oil	0.7	0.8	0.6	0.8	0.5	0.4	0.4	0.3	0.3	0.3	0.5
Aviation Jet	2.8	2.5	3.1	3.4	1.2	1.0	2.0	2.3	2.3	2.9	4.5
LPG	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**263.2**	**274.3**	**285.6**	**294.7**	**278.8**	**296.3**	**304.6**	**306.8**	**324.4**	**335.0**	**100.0**
Oil	192.2	202.6	218.4	230.4	218.9	229.5	232.5	237.2	250.1	256.0	76.4
Gas	71.0	71.8	67.2	64.3	59.9	66.9	72.1	69.6	74.3	79.0	23.6
Gasoline	7.7	8.6	6.9	8.0	6.8	6.9	5.6	5.8	5.9	5.7	1.7
Diesel	6.8	8.2	6.5	7.8	7.6	7.6	7.9	8.2	9.4	9.1	2.7
Heating Oil	2.9	2.8	3.6	1.8	0.8	1.3	1.1	1.3	1.6	1.6	0.5
Aviation Jet	0.5	1.2	1.2	1.1	0.4	0.4	0.4	0.4	0.4	0.5	0.1
LPG	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**543.4**	**553.4**	**565.8**	**560.6**	**509.7**	**517.1**	**531.4**	**531.7**	**533.9**	**548.9**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**337.2**	**333.3**	**331.7**	**322.4**	**308.8**	**295.7**	**291.6**	**287.4**	**284.2**	**288.9**	**-**
Final energy intensity *(toe/million $15ppp)*	**105.3**	**105.8**	**106.2**	**103.0**	**98.9**	**95.3**	**95.0**	**92.1**	**91.4**	**93.7**	**-**
Total energy intensity *(toe/million $15ppp)*	**180.5**	**182.5**	**180.1**	**178.3**	**175.5**	**167.3**	**164.5**	**161.7**	**160.2**	**161.5**	**-**

**Heat is included*

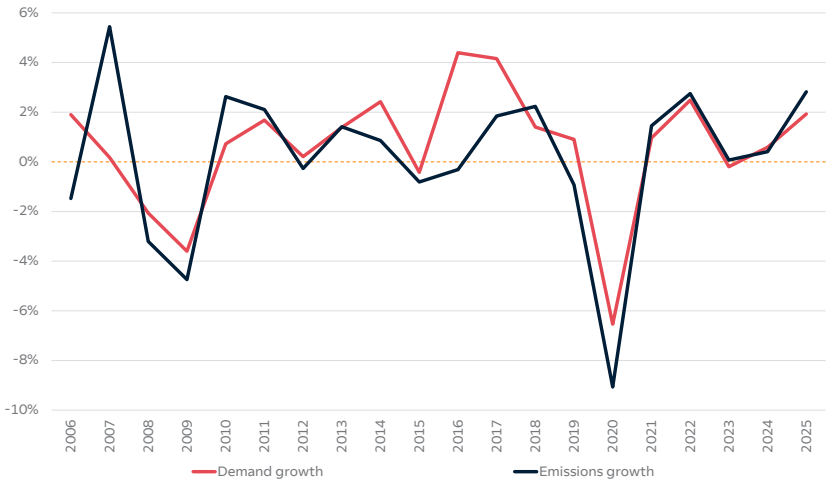
Primary energy demand mix



Electricity generation by source



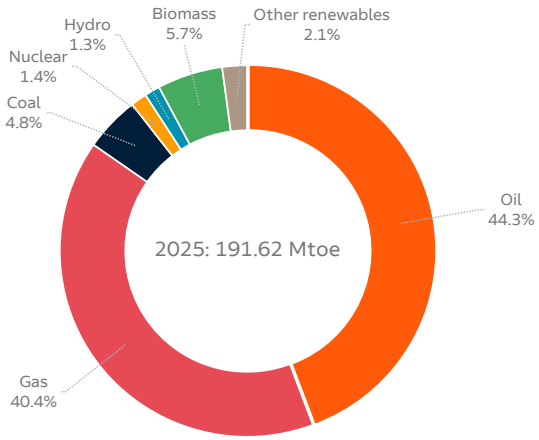
Primary energy demand and CO_2 emissions growth



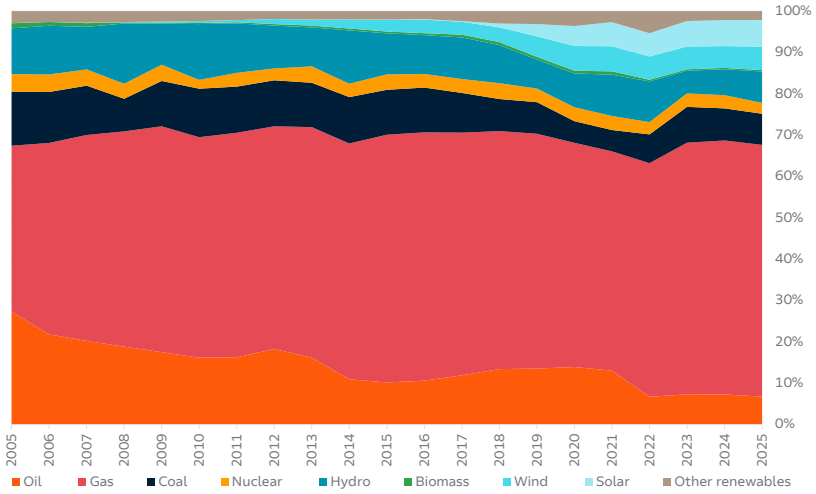
Mexico *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**187.5**	**183.6**	**187.9**	**186.8**	**175.3**	**182.5**	**186.8**	**191.7**	**193.9**	**191.6**	**100.0**
Oil	88.7	86.8	80.9	84.0	72.4	78.5	82.1	80.8	83.5	83.7	43.7
Gas	66.4	62.6	72.5	68.9	70.6	72.7	70.9	77.7	77.9	76.4	39.9
Coal	12.4	12.8	12.4	12.0	9.0	7.8	9.4	10.4	9.8	9.0	4.7
Nuclear	2.8	2.8	3.5	2.9	2.9	3.1	2.8	3.2	3.2	2.6	1.4
Hydro	2.6	2.8	2.8	2.0	2.3	3.0	3.1	1.8	2.1	2.5	1.3
Biomass	10.3	11.4	10.9	11.1	11.2	10.8	11.0	10.9	10.8	10.7	5.6
Other renewables	0.9	0.9	1.4	2.3	3.1	3.6	3.5	3.8	3.8	4.0	2.1
Electricity balance of trade*	3.4	3.4	3.6	3.6	3.8	3.0	4.0	3.1	2.8	2.7	1.4
Total final consumption, by source	**122.9**	**124.2**	**119.5**	**119.0**	**106.4**	**104.0**	**116.9**	**116.4**	**118.1**	**118.0**	**100.0**
Oil	75.9	73.7	69.8	70.9	59.4	59.6	71.2	69.8	70.7	70.8	60.0
Gas	14.3	15.1	12.2	12.3	10.5	9.1	9.3	9.4	9.5	9.4	7.9
Coal	1.9	3.6	2.6	2.6	2.6	1.3	1.7	1.5	1.8	1.7	1.4
Electricity	23.3	23.4	25.8	24.1	25.8	25.4	25.8	26.3	26.9	27.0	22.9
Heat	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5
Biomass	7.3	8.2	8.7	8.8	7.8	8.2	8.5	8.9	8.6	8.6	7.2
Electricity generation, by source	**27.5**	**27.8**	**30.3**	**29.2**	**28.5**	**30.1**	**31.4**	**32.7**	**33.0**	**33.2**	**100.0**
Oil	2.9	3.3	4.1	4.0	4.0	3.9	2.1	2.4	2.4	2.2	6.8
Gas	16.5	16.3	17.4	16.6	15.5	16.0	17.7	19.9	20.3	20.2	60.9
Coal	3.0	2.7	2.3	2.2	1.5	1.6	2.2	2.8	2.6	2.5	7.5
Nuclear	0.9	0.9	1.2	1.0	1.0	1.0	0.9	1.1	1.1	0.9	2.6
Hydro	2.6	2.8	2.8	2.0	2.3	3.0	3.1	1.8	2.1	2.5	7.6
Biomass	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.3
Wind	0.9	0.9	1.1	1.5	1.7	1.8	1.8	1.8	1.7	1.9	5.7
Solar	0.0	0.0	0.3	0.9	1.4	1.8	1.8	2.0	2.1	2.1	6.5
Other renewables	0.5	0.7	0.9	0.9	1.0	0.8	1.7	0.8	0.7	0.7	2.1
Total final consumption, by sector	**122.9**	**124.2**	**119.5**	**119.0**	**106.4**	**104.0**	**116.9**	**116.4**	**118.1**	**118.0**	**100.0**
Industry	37.6	40.5	36.6	36.2	36.0	33.2	34.3	34.4	35.3	35.0	29.6
Transport	53.9	52.4	51.2	52.1	39.9	40.5	51.7	50.8	51.3	51.6	43.7
Residential/Comercial	21.9	21.8	22.7	22.2	22.9	23.2	23.0	23.0	22.7	22.4	18.9
Oil final consumption, by sector	**75.9**	**73.7**	**69.8**	**70.9**	**59.4**	**59.6**	**71.2**	**69.8**	**70.7**	**70.8**	**100.0**
Industry	7.0	6.3	4.3	5.3	5.3	5.3	5.3	5.2	5.4	5.3	7.5
Transport	53.7	52.3	51.1	52.0	39.8	40.3	51.5	50.6	51.1	51.4	72.6
Residential/Comercial	7.2	7.1	6.9	6.7	8.3	8.2	7.9	7.3	6.9	6.5	9.2
Natural gas final consumption, by sector	**14.3**	**15.1**	**12.2**	**12.3**	**10.5**	**9.1**	**9.3**	**9.4**	**9.5**	**9.4**	**100.0**
Industry	12.8	13.7	11.0	11.1	9.4	8.1	8.3	8.3	8.5	8.3	88.8
Transport	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Residential/Comercial	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	8.2
Refined products consumption	**75.9**	**73.7**	**69.8**	**70.9**	**59.4**	**59.6**	**71.2**	**69.8**	**70.7**	**70.8**	**100.0**
Gasoline	36.1	35.0	34.3	35.1	26.0	26.1	33.9	32.7	33.7	34.0	47.9
Diesel	19.6	18.6	17.9	17.6	14.3	14.1	18.1	18.3	18.3	18.3	25.9
Heating Oil	0.8	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Aviation Jet	1.6	1.7	1.8	1.8	0.9	1.4	2.0	2.1	2.0	2.1	3.0
LPG	9.7	9.7	9.4	8.8	11.2	11.0	10.7	10.0	9.4	8.9	12.6
Imports	**77.9**	**86.2**	**97.5**	**94.1**	**82.7**	**87.8**	**86.5**	**90.2**	**90.0**	**86.4**	**100.0**
Oil	42.3	50.5	53.5	53.1	43.8	47.3	48.8	48.2	46.0	40.9	47.4
Gas	35.6	35.7	44.0	41.0	38.9	40.5	37.7	42.1	44.0	45.5	52.6
Gasoline	21.6	22.8	25.2	25.3	20.3	21.7	22.2	21.6	21.0	17.8	20.6
Diesel	9.4	12.9	14.0	12.4	9.5	9.8	12.7	13.2	10.6	8.5	9.9
Heating Oil	1.4	2.2	1.8	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	1.6	2.1	2.7	2.8	1.3	2.2	2.7	2.8	2.9	2.8	3.2
LPG	5.0	6.1	5.3	6.7	8.7	9.6	7.8	6.7	6.9	7.1	8.2
Exports	**73.8**	**71.7**	**72.1**	**66.5**	**68.0**	**64.3**	**61.8**	**65.2**	**55.0**	**42.7**	**100.0**
Oil	73.8	71.7	72.1	66.5	68.0	64.3	61.8	65.2	55.0	42.7	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diesel	0.8	0.2	0.2	0.6	0.8	0.3	0.9	0.8	0.8	1.4	3.2
Heating Oil	6.2	5.7	5.3	3.8	6.0	8.6	9.5	9.3	11.2	10.3	24.1
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**446.7**	**447.9**	**428.9**	**434.6**	**377.9**	**385.4**	**418.2**	**434.0**	**442.8**	**432.5**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**190.0**	**187.1**	**175.7**	**178.7**	**169.5**	**163.0**	**170.6**	**171.4**	**172.3**	**167.4**	**-**
Final energy intensity *(toe/million $15ppp)*	**50.0**	**49.7**	**47.1**	**47.2**	**45.8**	**42.3**	**46.2**	**44.4**	**44.3**	**43.9**	**-**
Total energy intensity *(toe/million $15ppp)*	**79.8**	**76.7**	**77.0**	**76.8**	**78.6**	**77.2**	**76.2**	**75.7**	**75.5**	**74.2**	**-**

**Heat is included*

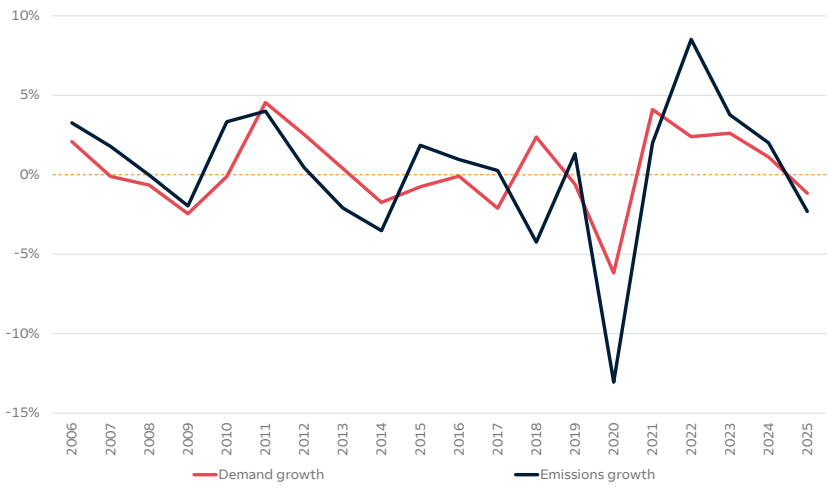
Primary energy demand mix



Electricity generation by source



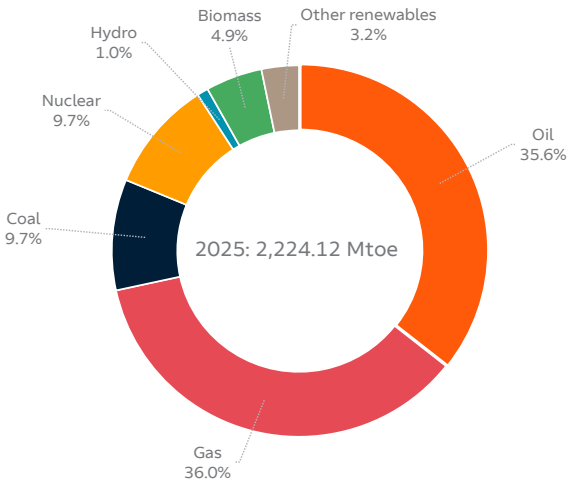
Primary energy demand and CO_2 emissions growth



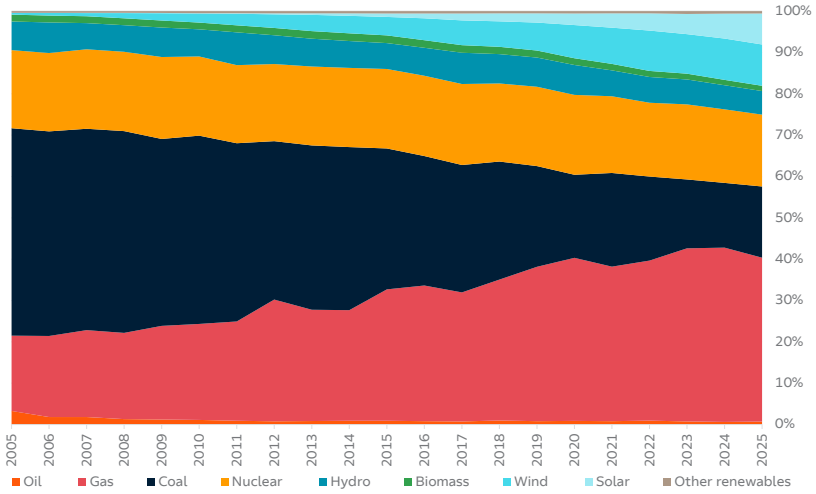
United States *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**2,158.5**	**2,150.2**	**2,214.1**	**2,214.6**	**2,041.5**	**2,143.9**	**2,179.5**	**2,147.7**	**2,175.5**	**2,224.1**	**100.0**
Oil	778.2	784.9	800.8	795.4	704.6	766.7	761.6	766.8	778.3	787.0	35.4
Gas	654.2	645.4	695.4	743.7	720.6	724.8	773.1	767.1	784.3	794.5	35.7
Coal	343.0	331.8	319.4	274.1	222.0	252.0	238.1	199.4	187.4	213.2	9.6
Nuclear	218.9	218.6	219.3	219.8	214.5	211.5	209.4	210.6	212.5	213.3	9.6
Hydro	23.2	26.0	25.4	24.9	24.7	21.8	22.1	21.2	21.0	21.4	1.0
Biomass	99.2	98.6	105.4	106.7	98.6	104.6	104.4	111.3	113.8	108.2	4.9
Other renewables	24.5	28.6	31.5	34.4	40.0	46.3	54.2	55.8	63.6	71.3	3.2
Electricity balance of trade*	17.3	16.4	16.8	15.6	16.6	16.2	16.6	15.6	14.5	15.3	0.7
Total final consumption, by source	**1,505.8**	**1,509.8**	**1,580.9**	**1,568.4**	**1,441.9**	**1,521.2**	**1,570.7**	**1,550.9**	**1,570.5**	**1,592.2**	**100.0**
Oil	735.8	739.1	755.3	746.8	660.4	716.6	734.3	728.6	738.0	745.9	46.8
Gas	338.4	346.3	380.6	382.6	356.5	369.6	385.5	372.5	371.3	384.3	24.1
Coal	17.8	17.1	16.6	15.3	12.9	13.6	13.1	11.8	11.5	10.3	0.6
Electricity	328.0	323.0	335.5	329.4	324.9	330.1	344.5	334.9	343.8	351.1	22.1
Heat	8.9	8.0	9.8	9.1	9.0	8.9	9.0	9.1	9.6	10.1	0.6
Biomass	76.9	76.3	83.2	85.3	78.2	82.4	84.3	94.0	96.4	90.5	5.7
Electricity generation, by source	**371.7**	**368.6**	**383.2**	**377.7**	**366.4**	**376.2**	**386.6**	**382.9**	**393.8**	**404.7**	**100.0**
Oil	3.0	2.8	3.7	3.1	3.2	3.1	3.7	2.8	2.5	2.8	0.7
Gas	122.0	115.0	130.7	141.0	144.5	140.5	149.7	160.4	166.1	160.5	39.7
Coal	116.4	113.6	109.4	92.0	73.6	85.3	78.5	63.8	61.6	69.7	17.2
Nuclear	72.2	72.1	72.4	72.5	70.8	69.8	69.1	69.5	70.1	70.4	17.4
Hydro	25.1	28.0	27.3	26.7	26.5	23.6	24.0	23.1	22.9	23.1	5.7
Biomass	6.8	6.8	6.7	6.3	6.1	6.0	5.7	5.3	5.2	5.2	1.3
Wind	19.7	22.1	23.7	25.6	29.4	32.9	37.8	36.6	39.3	40.4	10.0
Solar	4.3	6.1	7.3	8.4	10.3	13.0	16.1	18.7	23.8	30.4	7.5
Other renewables	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.6	2.3	2.2	0.5
Total final consumption, by sector	**1,505.8**	**1,509.8**	**1,580.9**	**1,568.4**	**1,441.9**	**1,521.2**	**1,570.7**	**1,550.9**	**1,570.5**	**1,592.2**	**100.0**
Industry	284.2	279.2	296.4	285.6	285.6	289.4	300.5	292.1	294.6	294.8	18.5
Transport	611.4	615.4	628.5	627.9	541.9	599.1	613.9	612.4	616.3	607.4	38.1
Residential/Comercial	454.8	450.7	486.8	485.5	462.2	471.9	488.7	470.2	471.7	497.0	31.2
Oil final consumption, by sector	**735.8**	**739.1**	**755.3**	**746.8**	**660.4**	**716.6**	**734.3**	**728.6**	**738.0**	**745.9**	**100.0**
Industry	19.8	18.0	19.3	16.7	18.0	20.0	21.4	17.7	17.4	17.9	2.4
Transport	559.8	563.4	573.5	570.5	486.5	536.4	546.7	538.5	537.5	539.0	72.3
Residential/Comercial	25.8	23.9	24.3	23.7	22.6	23.6	24.3	23.2	22.5	23.3	3.1
Natural gas final consumption, by sector	**338.4**	**346.3**	**380.6**	**382.6**	**356.5**	**369.6**	**385.5**	**372.5**	**371.3**	**384.3**	**100.0**
Industry	125.6	124.6	133.4	133.1	136.1	135.6	138.9	139.0	139.5	140.1	36.5
Transport	17.4	18.1	21.5	23.4	24.8	27.8	30.0	30.7	32.5	27.1	7.1
Residential/Comercial	175.2	178.0	200.0	200.8	184.5	188.5	199.1	184.8	181.3	198.9	51.7
Refined products consumption	**732.9**	**734.8**	**749.6**	**746.8**	**660.4**	**716.6**	**734.3**	**728.6**	**738.0**	**745.9**	**100.0**
Gasoline	376.5	374.1	374.9	373.3	322.9	353.0	355.5	357.5	359.2	356.7	47.8
Diesel	176.4	178.9	185.4	181.2	168.0	179.6	182.0	163.7	157.9	162.0	21.7
Heating Oil	1.8	1.8	1.9	0.9	1.1	3.3	3.9	2.1	2.3	2.4	0.3
Aviation Jet	54.8	57.9	58.8	59.8	37.0	47.0	53.5	57.1	58.5	59.7	8.0
LPG	34.8	32.4	35.9	37.1	34.3	35.5	37.3	41.9	45.6	47.4	6.4
Imports	**571.4**	**576.8**	**564.3**	**519.4**	**455.9**	**489.4**	**484.4**	**495.3**	**500.6**	**480.4**	**100.0**
Oil	501.8	506.4	497.6	456.0	396.9	422.1	414.1	425.1	425.3	404.7	84.3
Gas	69.5	70.4	66.8	63.4	59.0	67.3	70.3	70.2	75.4	75.6	15.7
Gasoline	34.0	30.8	32.8	37.7	27.9	37.9	30.6	34.8	32.1	31.3	6.5
Diesel	8.4	8.8	10.1	11.1	12.5	14.9	9.9	9.3	8.1	8.7	1.8
Heating Oil	11.6	11.3	12.6	9.4	11.4	10.6	11.4	6.8	6.8	7.2	1.5
Aviation Jet	7.6	8.3	6.7	8.4	7.7	8.2	6.2	6.7	5.6	6.3	1.3
LPG	4.8	5.4	5.9	6.4	5.0	5.4	5.6	5.3	5.6	6.1	1.3
Exports	**287.7**	**359.4**	**428.0**	**495.3**	**507.2**	**538.9**	**585.7**	**636.6**	**657.1**	**675.4**	**100.0**
Oil	235.0	284.9	343.3	385.7	383.0	379.4	425.2	454.1	472.4	460.3	68.1
Gas	52.7	74.4	84.8	109.6	124.3	159.5	160.5	182.4	184.7	215.1	31.9
Gasoline	34.7	37.4	42.7	40.7	35.7	41.1	43.0	41.5	40.3	41.5	6.1
Diesel	58.7	68.5	64.2	65.5	60.1	54.2	59.7	56.1	65.1	63.5	9.4
Heating Oil	16.3	16.8	19.2	12.4	7.8	5.3	5.4	6.3	6.9	5.8	0.9
Aviation Jet	8.7	9.2	11.1	11.2	5.0	5.9	9.0	8.6	10.5	10.9	1.6
LPG	30.2	34.6	38.5	45.7	54.1	58.3	62.3	68.5	75.4	78.3	11.6
CO_2 Emissions *(Million tons CO_2)*	**4,846.5**	**4,761.1**	**4,910.4**	**4,746.3**	**4,262.6**	**4,550.7**	**4,610.6**	**4,412.7**	**4,405.0**	**4,539.1**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**260.2**	**249.5**	**249.9**	**235.4**	**216.1**	**217.6**	**215.0**	**200.0**	**194.2**	**196.2**	**-**
Final energy intensity *(toe/million $15ppp)*	**73.6**	**71.6**	**72.9**	**70.5**	**66.4**	**66.0**	**66.4**	**63.3**	**61.9**	**61.4**	**-**
Total energy intensity *(toe/million $15ppp)*	**115.9**	**112.7**	**112.7**	**109.9**	**103.5**	**102.5**	**101.6**	**97.3**	**95.9**	**96.1**	**-**

**Heat is included*

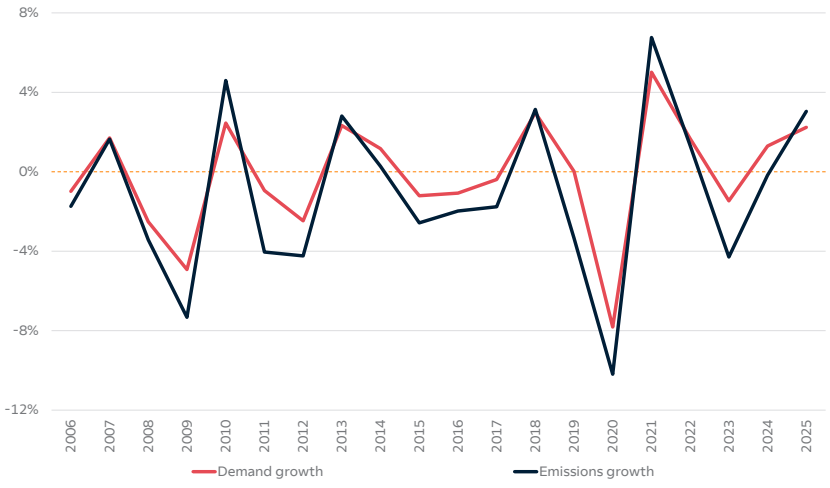
Primary energy demand mix



Electricity generation by source



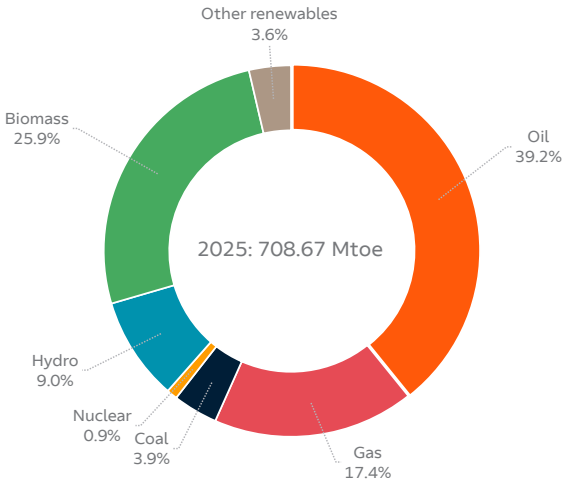
Primary energy demand and CO_2 emissions growth



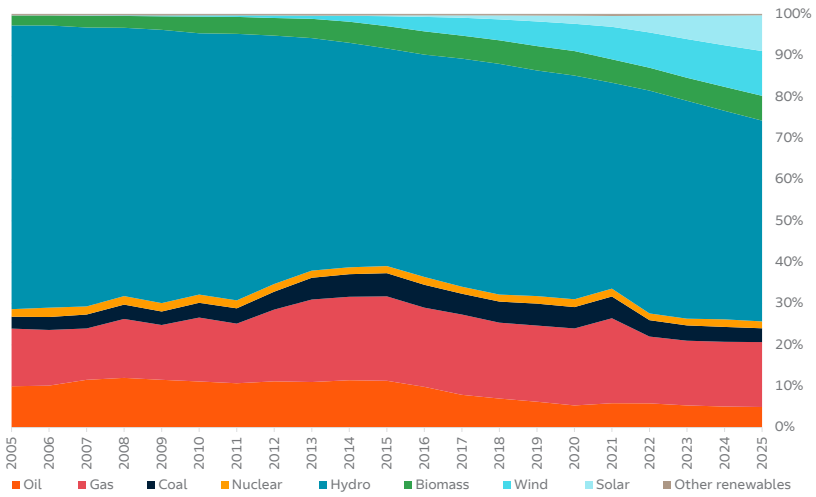
South and Central America *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**672.5**	**668.3**	**654.8**	**669.6**	**626.3**	**674.9**	**673.0**	**691.8**	**707.1**	**708.7**	**100.0**
Oil	274.8	267.8	256.0	261.3	228.9	259.4	268.7	272.7	273.9	276.1	39.0
Gas	136.1	135.9	129.5	132.0	122.1	134.6	124.7	123.7	126.8	122.4	17.3
Coal	36.3	35.3	34.7	36.8	32.9	37.2	31.6	29.5	30.0	27.2	3.8
Nuclear	6.3	5.7	5.8	6.3	6.5	6.7	5.9	6.1	7.0	6.6	0.9
Hydro	59.4	61.1	62.4	61.5	60.0	57.7	63.8	64.7	64.3	63.4	8.9
Biomass	151.8	153.6	156.0	159.1	162.0	161.6	157.5	170.6	177.1	182.6	25.8
Other renewables	4.3	5.4	6.7	8.3	9.5	12.2	14.9	18.4	22.0	25.5	3.6
Electricity balance of trade*	3.6	3.5	3.7	4.2	4.4	5.5	5.7	6.1	6.0	5.0	0.7
Total final consumption, by source	**492.1**	**496.9**	**490.5**	**491.5**	**462.3**	**494.6**	**509.5**	**525.8**	**533.2**	**540.1**	**100.0**
Oil	226.3	227.7	220.7	221.9	196.7	215.8	227.0	232.1	230.4	235.9	43.7
Gas	57.3	56.9	56.6	56.3	49.8	55.4	58.4	56.9	57.5	54.9	10.2
Coal	10.2	11.9	12.3	11.0	10.2	12.0	12.9	12.1	13.1	13.0	2.4
Electricity	88.6	89.0	90.4	90.8	90.1	94.3	96.4	100.2	104.4	106.3	19.7
Heat	0.1	0.1	0.1	0.1	0.1	1.1	1.1	1.2	1.3	1.4	0.3
Biomass	109.7	111.3	110.4	111.4	115.5	116.0	113.6	123.3	127.8	129.7	24.0
Electricity generation, by source	**110.5**	**110.8**	**111.9**	**112.8**	**110.9**	**116.0**	**118.5**	**122.8**	**127.6**	**130.6**	**100.0**
Oil	10.9	8.8	7.8	7.0	5.9	6.8	6.9	6.6	6.5	6.5	5.0
Gas	21.2	21.5	20.5	20.8	20.7	23.9	19.1	19.2	20.0	20.5	15.7
Coal	6.1	5.6	5.7	5.9	5.7	6.1	4.7	4.5	4.6	4.4	3.4
Nuclear	2.1	1.9	1.9	2.1	2.1	2.2	1.9	2.0	2.3	2.2	1.7
Hydro	59.5	61.1	62.4	61.6	60.0	57.8	63.9	64.7	64.4	63.4	48.6
Biomass	6.2	6.2	6.4	6.7	6.6	6.6	6.5	6.8	7.4	7.8	6.0
Wind	3.9	4.8	5.6	6.7	7.3	9.1	10.1	11.5	12.8	14.2	10.8
Solar	0.4	0.6	1.1	1.6	2.2	3.1	4.8	6.9	9.2	11.3	8.7
Other renewables	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.3	0.3
Total final consumption, by sector	**492.1**	**496.9**	**490.5**	**491.5**	**462.3**	**494.6**	**509.5**	**525.8**	**533.2**	**540.1**	**100.0**
Industry	153.2	154.2	149.3	147.3	147.0	152.9	155.9	161.9	164.5	164.6	30.5
Transport	175.1	177.7	176.7	178.0	154.7	172.9	180.6	186.3	188.4	195.3	36.2
Residential/Comercial	111.6	111.2	112.6	111.9	111.0	116.9	119.1	122.5	127.1	126.8	23.5
Oil final consumption, by sector	**226.3**	**227.7**	**220.7**	**221.9**	**196.7**	**215.8**	**227.0**	**232.1**	**230.4**	**235.9**	**100.0**
Industry	25.9	24.5	23.9	25.0	22.3	24.0	24.5	24.2	24.6	22.8	9.7
Transport	149.7	152.0	148.3	146.9	127.3	141.8	151.1	155.4	155.0	160.9	68.2
Residential/Comercial	17.2	17.5	17.5	17.3	16.9	17.9	18.0	18.2	18.6	18.3	7.8
Natural gas final consumption, by sector	**57.3**	**56.9**	**56.6**	**56.3**	**49.8**	**55.4**	**58.4**	**56.9**	**57.5**	**54.9**	**100.0**
Industry	26.6	26.0	26.2	25.3	22.4	23.2	25.6	25.1	25.3	24.9	45.3
Transport	6.1	6.1	5.9	6.3	5.0	7.3	7.2	6.8	6.2	5.8	10.6
Residential/Comercial	14.0	13.5	12.8	12.4	12.3	14.0	14.3	14.0	15.2	15.0	27.3
Refined products consumption	**226.2**	**227.7**	**220.7**	**221.9**	**196.7**	**215.7**	**227.0**	**232.1**	**230.4**	**235.8**	**100.0**
Gasoline	67.4	68.0	63.5	62.3	51.0	58.8	64.2	67.9	66.4	69.0	29.3
Diesel	95.7	96.8	98.9	97.9	91.6	98.7	102.4	102.8	102.8	107.0	45.4
Heating Oil	8.2	7.9	6.8	7.4	6.5	7.2	6.2	6.2	5.8	4.2	1.8
Aviation Jet	5.2	5.5	5.6	6.1	3.3	4.2	5.8	6.2	6.3	6.6	2.8
LPG	21.3	21.1	19.7	19.9	19.3	20.5	21.0	21.1	21.7	21.1	9.0
Imports	**172.1**	**168.9**	**166.1**	**169.9**	**137.3**	**163.3**	**172.3**	**170.2**	**175.7**	**165.4**	**100.0**
Oil	149.4	146.6	145.5	150.5	117.6	133.9	153.0	152.7	157.8	148.7	89.9
Gas	22.7	22.3	20.6	19.5	19.7	29.3	19.3	17.4	17.9	16.6	10.1
Gasoline	17.6	19.6	18.2	20.6	18.6	21.1	24.0	24.3	23.7	19.4	11.7
Diesel	41.2	42.7	43.4	43.8	38.1	45.9	50.2	46.4	45.8	47.2	28.5
Heating Oil	13.2	9.2	9.0	9.7	7.9	7.9	8.7	11.0	8.0	16.4	9.9
Aviation Jet	4.8	5.5	5.5	5.8	2.5	3.4	5.3	5.0	5.5	5.9	3.6
LPG	7.1	7.9	8.7	8.9	8.9	9.8	10.0	9.3	10.6	10.4	6.3
Exports	**281.6**	**272.2**	**256.5**	**237.3**	**224.5**	**208.8**	**232.5**	**263.0**	**284.4**	**300.9**	**100.0**
Oil	250.1	241.2	225.3	207.6	197.4	186.9	207.3	240.1	262.2	277.2	92.1
Gas	31.5	31.0	31.2	29.7	27.2	21.8	25.2	22.9	22.2	23.7	7.9
Gasoline	7.9	6.5	6.0	4.6	4.9	3.9	2.4	2.7	3.6	2.2	0.7
Diesel	4.8	4.1	5.3	3.2	3.7	3.0	1.9	2.7	3.3	3.7	1.2
Heating Oil	23.4	22.2	22.4	16.5	18.5	17.7	23.2	26.5	22.2	23.5	7.8
Aviation Jet	3.0	2.6	1.8	1.1	0.5	0.3	0.3	0.3	0.3	0.3	0.1
LPG	2.2	2.1	2.9	2.7	2.5	2.4	2.7	2.8	3.0	3.4	1.1
CO_2 Emissions *(Million tons CO_2)*	**1,177.4**	**1,151.6**	**1,114.2**	**1,101.4**	**994.9**	**1,110.8**	**1,107.9**	**1,107.1**	**1,117.8**	**1,114.0**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**165.3**	**160.3**	**154.2**	**152.7**	**148.2**	**154.0**	**147.3**	**144.3**	**142.0**	**139.2**	**-**
Final energy intensity *(toe/million $15ppp)*	**69.1**	**69.2**	**67.9**	**68.1**	**68.9**	**68.6**	**67.7**	**68.5**	**67.8**	**66.9**	**-**
Total energy intensity *(toe/million $15ppp)*	**94.4**	**93.0**	**90.6**	**92.8**	**93.3**	**93.6**	**89.5**	**90.2**	**89.9**	**88.0**	**-**

**Heat is included*

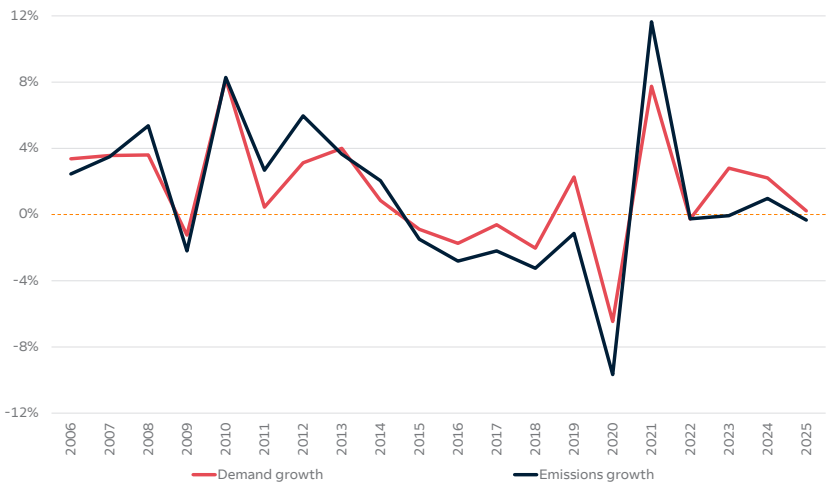
Primary energy demand mix



Electricity generation by source



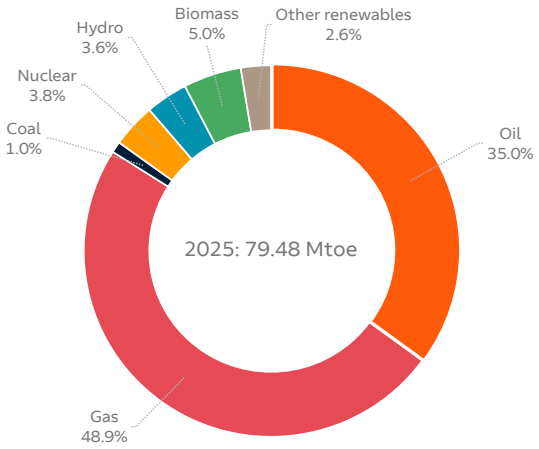
Primary energy demand and CO_2 emissions growth



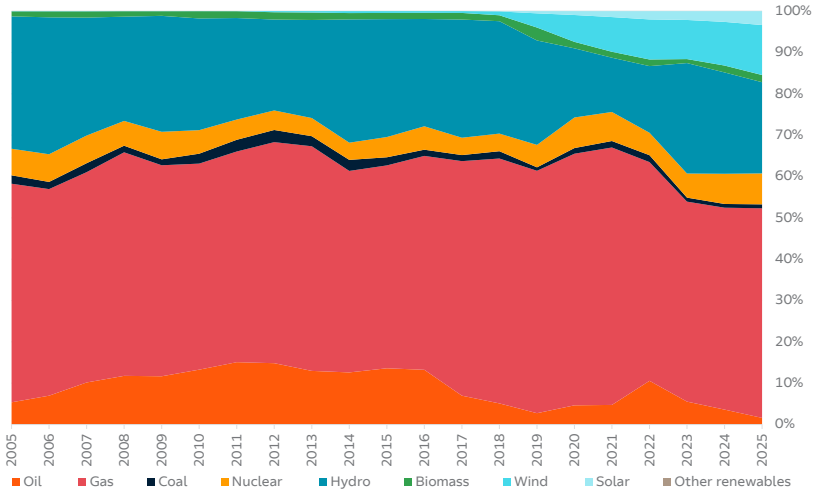
Argentina *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**82.1**	**81.0**	**79.1**	**79.2**	**72.9**	**80.8**	**80.3**	**79.6**	**79.6**	**79.5**	**100.0**
Oil	29.4	28.2	26.4	26.6	23.8	30.1	30.2	28.8	27.3	27.6	34.7
Gas	42.1	42.1	42.0	41.8	38.9	40.7	39.2	38.1	39.3	38.5	48.5
Coal	1.1	1.1	1.2	0.5	0.9	1.2	1.3	1.0	0.7	0.8	1.0
Nuclear	2.2	1.6	1.7	2.1	2.8	2.8	2.1	2.3	2.9	3.0	3.8
Hydro	3.2	3.5	3.5	3.1	2.1	1.7	2.0	3.5	3.2	2.9	3.6
Biomass	3.0	3.4	3.3	3.6	3.2	2.8	3.1	3.1	3.7	3.9	5.0
Other renewables	0.0	0.1	0.1	0.5	0.9	1.3	1.5	1.5	1.7	2.0	2.6
Electricity balance of trade*	0.9	0.9	0.8	0.9	0.4	0.2	1.1	1.3	0.8	0.8	1.0
Total final consumption, by source	**57.2**	**57.5**	**55.6**	**55.2**	**52.5**	**54.0**	**54.7**	**55.6**	**55.6**	**56.1**	**100.0**
Oil	23.3	24.0	22.8	22.7	21.7	22.5	22.7	23.4	22.0	22.9	40.9
Gas	20.1	19.4	18.7	18.7	17.8	18.4	19.4	19.5	20.5	19.8	35.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Electricity	11.1	11.1	11.1	10.8	10.7	11.1	10.7	10.7	10.7	10.8	19.3
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	2.6	2.9	3.0	2.9	2.3	2.0	1.9	1.9	2.4	2.5	4.5
Electricity generation, by source	**12.6**	**12.5**	**13.1**	**12.6**	**12.5**	**13.2**	**12.6**	**13.1**	**13.2**	**13.2**	**100.0**
Oil	1.7	0.9	0.7	0.3	0.6	0.6	1.3	0.7	0.5	0.2	1.6
Gas	6.5	7.1	7.8	7.4	7.6	8.2	6.7	6.4	6.4	6.7	50.7
Coal	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	1.0
Nuclear	0.7	0.5	0.6	0.7	0.9	0.9	0.7	0.8	1.0	1.0	7.5
Hydro	3.3	3.6	3.6	3.2	2.1	1.7	2.0	3.5	3.2	2.9	22.1
Biomass	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.1	0.2	0.2	1.7
Wind	0.0	0.1	0.1	0.4	0.8	1.1	1.2	1.2	1.4	1.6	12.1
Solar	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.4	3.4
Other renewables	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	0.0	0.0	-0.0	-0.0
Total final consumption, by sector	**57.2**	**57.5**	**55.6**	**55.2**	**52.5**	**54.0**	**54.7**	**55.6**	**55.6**	**56.1**	**100.0**
Industry	12.6	12.4	12.8	13.1	12.6	11.0	11.6	11.8	11.9	11.6	20.7
Transport	18.9	19.8	18.5	18.3	16.4	16.7	17.5	18.5	17.6	18.2	32.5
Residential/Comercial	18.8	18.0	17.3	16.7	16.4	19.0	18.3	18.1	19.3	19.2	34.2
Oil final consumption, by sector	**23.3**	**24.0**	**22.8**	**22.7**	**21.7**	**22.5**	**22.7**	**23.4**	**22.0**	**22.9**	**100.0**
Industry	0.8	0.7	0.6	0.7	0.6	0.7	0.4	0.4	0.4	0.5	2.0
Transport	14.7	15.5	14.6	14.4	13.2	13.2	14.0	14.9	13.8	14.6	63.5
Residential/Comercial	1.7	1.6	1.6	1.6	1.4	1.8	1.8	1.8	1.7	1.6	7.1
Natural gas final consumption, by sector	**20.1**	**19.4**	**18.7**	**18.7**	**17.8**	**18.4**	**19.4**	**19.5**	**20.5**	**19.8**	**100.0**
Industry	6.7	6.4	6.7	7.1	6.9	5.3	6.9	7.2	7.1	6.7	34.0
Transport	2.8	2.7	2.3	2.4	2.0	2.8	2.5	2.6	2.4	2.3	11.5
Residential/Comercial	10.0	9.3	8.7	8.3	8.2	9.8	9.4	9.0	10.2	10.1	51.1
Refined products consumption	**23.3**	**24.0**	**22.8**	**22.7**	**21.7**	**22.5**	**22.7**	**23.4**	**22.0**	**22.9**	**100.0**
Gasoline	6.7	7.3	6.6	6.4	5.3	6.0	6.5	7.9	6.6	6.8	29.7
Diesel	11.2	11.7	11.3	11.3	10.9	10.4	11.0	10.0	10.0	10.8	46.9
Heating Oil	0.2	0.1	0.2	0.4	0.8	1.1	0.1	0.1	0.1	0.2	0.8
Aviation Jet	0.5	0.6	0.5	0.5	0.2	0.2	0.4	0.5	0.6	0.6	2.7
LPG	1.9	1.8	1.7	1.7	1.4	1.8	1.9	2.0	1.9	1.8	7.8
Imports	**13.2**	**13.5**	**11.4**	**7.9**	**6.9**	**11.7**	**10.8**	**6.4**	**3.4**	**2.6**	**100.0**
Oil	4.9	4.9	4.4	3.0	1.7	4.3	6.2	2.7	1.1	1.5	57.8
Gas	8.3	8.6	7.0	4.9	5.2	7.4	4.6	3.7	2.3	1.1	42.2
Gasoline	0.2	0.3	0.5	0.4	0.1	0.4	0.9	0.8	0.2	0.6	21.8
Diesel	3.6	3.1	2.7	2.0	1.4	3.3	4.2	1.4	0.7	0.7	26.4
Heating Oil	0.0	0.0	0.2	0.2	0.0	0.3	0.8	0.4	0.0	0.0	0.0
Aviation Jet	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**4.6**	**3.8**	**6.4**	**6.8**	**7.1**	**6.3**	**11.1**	**10.8**	**15.3**	**20.5**	**100.0**
Oil	4.6	3.7	6.0	6.6	6.9	5.5	9.3	9.2	13.1	18.1	88.3
Gas	0.0	0.1	0.3	0.2	0.1	0.8	1.8	1.6	2.2	2.4	11.7
Gasoline	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1
Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0
Heating Oil	0.0	0.4	0.6	0.8	0.5	0.1	0.8	0.3	0.4	0.5	2.5
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
LPG	1.0	1.0	1.2	1.3	1.1	1.0	1.2	1.3	1.4	1.6	7.7
CO_2 Emissions *(Million tons CO_2)*	**181.1**	**178.2**	**169.9**	**161.3**	**152.1**	**166.7**	**166.6**	**161.1**	**161.9**	**162.2**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**213.8**	**204.5**	**200.3**	**194.0**	**203.1**	**201.5**	**191.3**	**188.0**	**192.3**	**184.4**	**-**
Final energy intensity *(toe/million $15ppp)*	**63.9**	**62.1**	**61.8**	**62.5**	**65.2**	**61.1**	**58.9**	**60.7**	**62.0**	**60.0**	**-**
Total energy intensity *(toe/million $15ppp)*	**96.9**	**93.0**	**93.2**	**95.3**	**97.4**	**97.7**	**92.3**	**92.9**	**94.6**	**90.4**	**-**

**Heat is included*

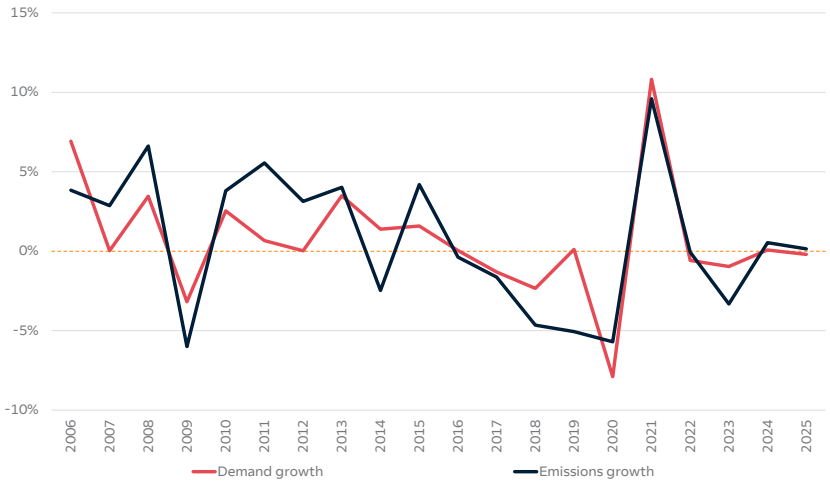
Primary energy demand mix



Electricity generation by source



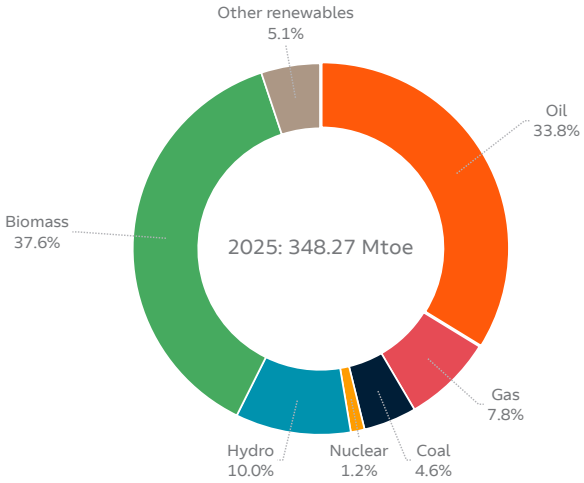
Primary energy demand and CO_2 emissions growth



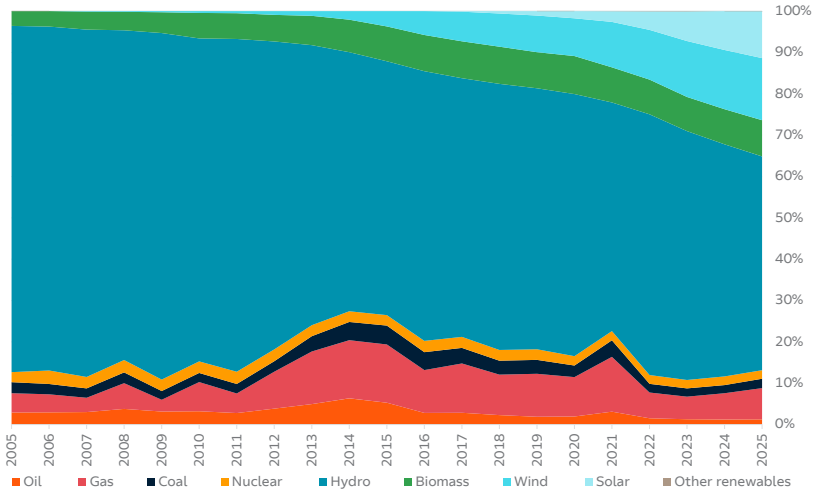
Brazil *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**304.8**	**309.5**	**304.2**	**309.6**	**306.1**	**321.1**	**314.2**	**329.3**	**341.3**	**348.3**	**100.0**
Oil	112.6	114.4	107.0	108.7	103.7	109.7	111.5	114.3	116.4	117.1	33.6
Gas	29.0	30.6	29.1	28.9	27.3	34.3	26.0	24.3	24.9	27.0	7.8
Coal	17.8	18.3	18.0	17.0	15.5	19.0	15.5	15.3	16.2	15.9	4.6
Nuclear	4.1	4.1	4.1	4.2	3.7	3.8	3.8	3.8	4.1	4.1	1.2
Hydro	32.8	31.9	33.5	34.2	34.1	31.2	36.7	36.6	36.3	34.5	9.9
Biomass	102.2	103.2	105.2	109.0	113.9	112.5	108.9	119.9	125.9	130.2	37.4
Other renewables	2.9	3.7	4.5	5.4	5.8	7.7	9.6	12.6	15.3	17.6	5.1
Electricity balance of trade*	3.5	3.1	3.0	2.1	2.1	3.0	2.2	2.5	2.1	1.9	0.5
Total final consumption, by source	**235.3**	**239.9**	**233.7**	**235.6**	**233.9**	**247.6**	**253.0**	**264.5**	**268.8**	**274.2**	**100.0**
Oil	102.7	104.0	98.1	99.6	94.0	99.6	104.7	107.8	106.0	107.7	39.3
Gas	11.6	11.3	11.6	10.6	9.1	12.4	13.6	12.0	10.8	11.1	4.1
Coal	7.0	8.7	8.9	7.9	7.5	8.7	9.0	8.4	9.5	9.6	3.5
Electricity	42.5	43.2	43.9	44.4	44.0	46.1	47.4	49.9	52.8	54.1	19.7
Heat	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.1	1.2	1.2	0.5
Biomass	71.5	72.8	71.1	73.2	79.2	79.9	77.4	85.4	88.5	90.4	33.0
Electricity generation, by source	**50.2**	**51.0**	**52.0**	**54.2**	**53.7**	**56.4**	**58.3**	**60.9**	**64.6**	**66.7**	**100.0**
Oil	1.4	1.5	1.2	1.0	1.0	1.8	0.9	0.8	0.8	0.8	1.2
Gas	5.2	6.1	5.1	5.6	5.1	7.5	3.6	3.3	4.1	5.0	7.6
Coal	2.2	1.9	1.8	1.8	1.5	2.3	1.2	1.2	1.3	1.5	2.3
Nuclear	1.4	1.4	1.3	1.4	1.2	1.3	1.3	1.2	1.4	1.4	2.0
Hydro	32.8	31.9	33.5	34.2	34.1	31.2	36.7	36.6	36.3	34.5	51.7
Biomass	4.4	4.6	4.7	4.7	4.9	4.8	4.9	5.0	5.5	5.8	8.8
Wind	2.9	3.6	4.2	4.8	4.9	6.2	7.0	8.2	9.3	10.0	15.0
Solar	0.0	0.1	0.3	0.6	0.9	1.4	2.6	4.4	6.1	7.6	11.4
Other renewables	0.0	0.0	0.0	0.0	-0.0	0.0	0.0	0.0	0.0	-0.0	-0.0
Total final consumption, by sector	**235.3**	**239.9**	**233.7**	**235.6**	**233.9**	**247.6**	**253.0**	**264.5**	**268.8**	**274.2**	**100.0**
Industry	87.9	89.2	83.2	81.4	87.2	92.1	91.7	96.5	98.1	99.3	36.2
Transport	84.3	84.6	83.9	86.6	81.0	88.4	90.9	94.4	96.7	100.0	36.5
Residential/Comercial	38.1	38.7	40.1	40.7	40.4	41.3	42.7	44.7	46.5	46.7	17.0
Oil final consumption, by sector	**102.7**	**104.0**	**98.1**	**99.6**	**94.0**	**99.6**	**104.7**	**107.8**	**106.0**	**107.7**	**100.0**
Industry	10.8	10.6	9.3	9.8	9.2	9.4	9.0	8.6	9.1	7.7	7.1
Transport	66.3	66.3	62.7	63.2	59.8	64.4	68.6	71.1	70.3	72.6	67.3
Residential/Comercial	7.1	7.1	7.0	7.0	7.2	7.2	7.1	7.2	7.4	7.5	7.0
Natural gas final consumption, by sector	**11.6**	**11.3**	**11.6**	**10.6**	**9.1**	**12.4**	**13.6**	**12.0**	**10.8**	**11.1**	**100.0**
Industry	9.0	8.5	8.7	7.9	6.8	8.7	9.1	8.5	8.1	8.7	78.2
Transport	1.5	1.6	1.8	1.9	1.6	2.9	2.9	2.2	1.7	1.5	13.9
Residential/Comercial	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	5.5
Refined products consumption	**102.7**	**104.0**	**98.1**	**99.6**	**94.0**	**99.6**	**104.7**	**107.8**	**106.0**	**107.7**	**100.0**
Gasoline	24.4	25.1	21.8	21.7	20.3	22.3	24.4	26.1	25.2	26.1	24.2
Diesel	43.9	44.2	43.7	44.5	44.2	46.1	47.9	49.0	48.3	49.7	46.1
Heating Oil	2.8	2.8	2.2	2.2	2.1	2.2	2.3	2.2	1.9	1.4	1.3
Aviation Jet	3.5	3.5	3.6	3.5	2.0	2.6	3.2	3.4	3.5	3.7	3.4
LPG	8.0	8.0	8.0	7.9	8.1	8.2	8.1	8.2	8.5	8.6	8.0
Imports	**40.6**	**45.1**	**44.2**	**45.4**	**39.9**	**50.2**	**50.0**	**47.4**	**51.3**	**49.9**	**100.0**
Oil	30.9	36.1	35.3	37.3	31.9	35.4	42.3	41.7	44.6	44.1	88.4
Gas	9.8	8.9	8.8	8.2	8.0	14.8	7.7	5.7	6.7	5.8	11.6
Gasoline	3.0	3.5	2.5	3.8	3.8	2.1	3.2	3.1	2.1	2.7	5.5
Diesel	7.5	11.5	10.3	11.5	10.6	12.3	12.3	12.1	11.0	13.3	26.7
Heating Oil	0.1	0.1	0.3	0.1	0.0	0.6	0.2	3.0	0.1	0.2	0.4
Aviation Jet	0.8	0.5	0.8	0.9	0.3	0.3	1.1	0.8	1.0	1.4	2.7
LPG	2.1	2.0	2.1	2.1	2.2	2.4	2.1	1.8	2.0	1.8	3.5
Exports	**49.7**	**60.0**	**64.5**	**72.4**	**84.9**	**76.7**	**83.4**	**101.3**	**98.9**	**116.0**	**100.0**
Oil	49.7	60.0	64.5	72.4	84.9	76.7	83.4	101.3	98.9	116.0	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.6	0.4	1.1	1.6	1.8	1.4	0.4	1.1	1.5	1.0	0.8
Diesel	0.4	0.4	0.8	0.0	0.3	0.0	0.1	0.3	0.7	0.5	0.4
Heating Oil	3.3	3.5	4.9	5.6	10.1	9.2	11.9	15.2	11.6	12.5	10.8
Aviation Jet	0.1	0.1	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**440.2**	**444.9**	**422.9**	**421.2**	**400.0**	**456.0**	**429.8**	**430.0**	**433.0**	**441.3**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**152.3**	**151.9**	**141.8**	**139.6**	**137.0**	**149.1**	**136.4**	**132.2**	**128.8**	**128.3**	**-**
Final energy intensity *(toe/million $15ppp)*	**76.5**	**77.0**	**73.9**	**73.6**	**76.2**	**76.9**	**75.7**	**76.8**	**75.8**	**75.5**	**-**
Total energy intensity *(toe/million $15ppp)*	**105.4**	**105.6**	**102.0**	**102.6**	**104.9**	**105.0**	**99.7**	**101.2**	**101.5**	**101.2**	**-**

**Heat is included*

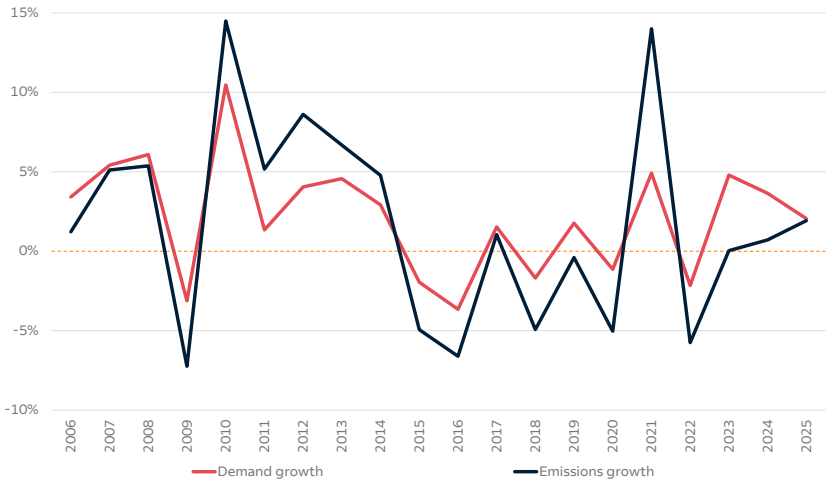
Primary energy demand mix



Electricity generation by source



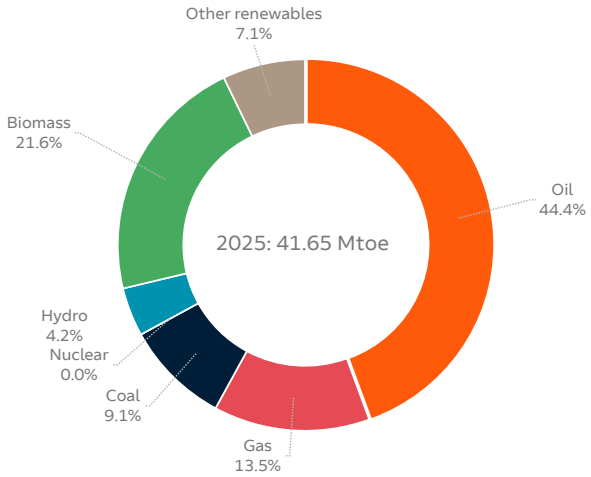
Primary energy demand and CO_2 emissions growth



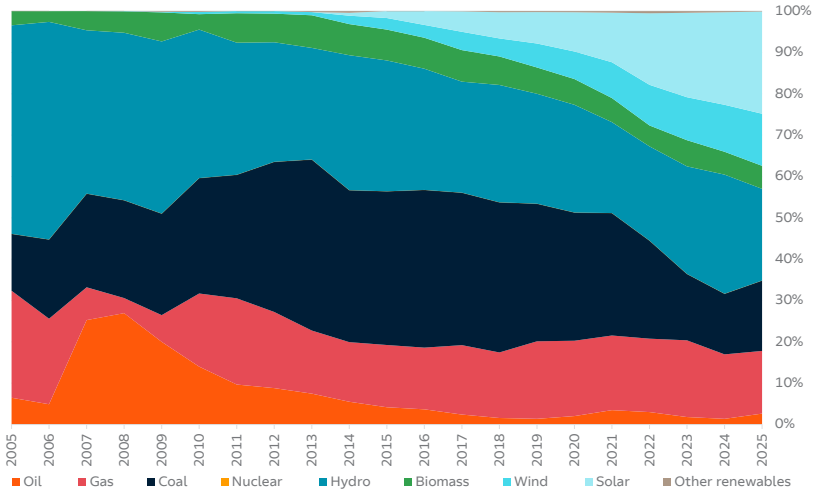
Chile *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**38.7**	**39.2**	**40.0**	**42.3**	**38.4**	**40.9**	**41.8**	**41.2**	**40.0**	**41.6**	**100.0**
Oil	15.9	15.8	16.1	16.3	15.0	16.1	17.2	17.4	16.8	18.4	44.2
Gas	4.3	4.3	4.4	5.3	4.8	5.3	5.6	5.9	5.6	5.6	13.4
Coal	7.9	8.0	7.9	9.0	7.3	7.6	6.2	3.6	3.4	3.8	9.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	2.0	1.8	2.0	1.9	1.9	1.7	1.8	2.0	2.3	1.8	4.2
Biomass	8.1	8.5	8.6	8.6	8.0	8.3	8.3	9.4	8.9	9.0	21.5
Other renewables	0.4	0.6	0.8	1.0	1.2	1.6	2.2	2.4	2.7	3.0	7.1
Electricity balance of trade*	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.4	0.3	0.2	0.4
Total final consumption, by source	**26.5**	**26.8**	**28.0**	**28.2**	**26.9**	**27.4**	**29.0**	**30.7**	**31.6**	**31.8**	**100.0**
Oil	14.6	15.0	15.3	15.1	14.3	15.1	16.3	16.3	16.7	17.2	54.0
Gas	1.7	1.7	2.0	2.4	2.1	2.2	2.1	2.4	2.8	2.6	8.1
Coal	0.3	0.3	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.3
Electricity	6.0	6.0	6.3	6.4	6.4	6.6	6.8	7.3	7.3	7.2	22.8
Heat	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3
Biomass	3.9	3.8	4.2	4.1	3.9	3.3	3.4	4.6	4.6	4.6	14.5
Electricity generation, by source	**6.8**	**6.8**	**7.1**	**7.3**	**7.2**	**7.6**	**7.8**	**7.8**	**7.9**	**7.9**	**100.0**
Oil	0.3	0.2	0.1	0.1	0.1	0.3	0.2	0.1	0.1	0.2	2.6
Gas	1.0	1.1	1.1	1.4	1.3	1.4	1.4	1.4	1.2	1.2	15.2
Coal	2.6	2.5	2.6	2.4	2.2	2.2	1.9	1.2	1.2	1.4	17.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	2.0	1.8	2.0	1.9	1.9	1.7	1.8	2.0	2.3	1.8	22.2
Biomass	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.4	5.6
Wind	0.2	0.3	0.3	0.4	0.5	0.7	0.8	0.8	0.9	1.0	12.6
Solar	0.2	0.3	0.4	0.6	0.7	0.9	1.4	1.6	1.8	2.0	24.7
Other renewables	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total final consumption, by sector	**26.5**	**26.8**	**28.0**	**28.2**	**26.9**	**27.4**	**29.0**	**30.7**	**31.6**	**31.8**	**100.0**
Industry	10.6	10.0	10.5	10.5	10.2	9.8	10.5	11.0	11.2	11.1	34.9
Transport	8.7	9.1	9.4	9.5	8.4	9.2	9.8	9.4	9.7	10.0	31.6
Residential/Comercial	6.3	6.5	6.6	6.6	6.5	6.8	6.8	7.8	8.1	8.1	25.6
Oil final consumption, by sector	**14.6**	**15.0**	**15.3**	**15.1**	**14.3**	**15.1**	**16.3**	**16.3**	**16.7**	**17.2**	**100.0**
Industry	3.8	3.5	3.5	3.5	3.5	3.6	3.8	3.9	3.9	3.9	22.9
Transport	8.6	9.0	9.3	9.4	8.3	9.1	9.7	9.3	9.6	9.9	57.8
Residential/Comercial	1.6	1.7	1.8	1.7	1.6	1.8	1.8	1.7	2.0	2.0	11.4
Natural gas final consumption, by sector	**1.7**	**1.7**	**2.0**	**2.4**	**2.1**	**2.2**	**2.1**	**2.4**	**2.8**	**2.6**	**100.0**
Industry	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.3	1.1	43.7
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Residential/Comercial	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	26.0
Refined products consumption	**14.6**	**15.0**	**15.3**	**15.1**	**14.3**	**15.1**	**16.3**	**16.3**	**16.7**	**17.2**	**100.0**
Gasoline	3.5	3.5	3.5	3.6	2.9	3.6	3.9	3.9	4.0	4.1	24.1
Diesel	7.9	8.1	8.4	8.4	8.1	8.3	8.7	8.5	8.9	9.1	53.1
Heating Oil	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.3	1.6
Aviation Jet	0.5	0.5	0.6	0.7	0.4	0.4	0.5	0.6	0.6	0.7	3.8
LPG	1.4	1.4	1.5	1.5	1.5	1.6	1.7	1.6	1.6	1.6	9.5
Imports	**20.5**	**20.4**	**20.7**	**21.5**	**19.3**	**21.4**	**23.3**	**23.2**	**23.3**	**23.6**	**100.0**
Oil	16.8	16.9	17.3	17.4	15.5	17.2	18.7	18.7	19.1	19.5	82.5
Gas	3.7	3.5	3.5	4.0	3.8	4.3	4.6	4.5	4.2	4.1	17.5
Gasoline	0.5	0.6	0.6	0.3	0.4	0.8	1.7	0.9	0.7	0.6	2.4
Diesel	5.7	5.3	5.6	5.6	5.9	6.0	7.4	6.6	6.5	7.0	29.6
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3
Aviation Jet	0.6	0.7	0.6	0.5	0.2	0.5	0.6	0.6	0.6	0.6	2.5
LPG	1.2	1.2	1.2	1.1	1.2	1.4	1.4	1.3	1.5	1.5	6.4
Exports	**0.7**	**0.7**	**0.9**	**0.5**	**0.6**	**0.9**	**1.0**	**1.4**	**1.1**	**0.9**	**100.0**
Oil	0.4	0.5	0.7	0.5	0.6	0.9	1.0	1.3	1.0	0.8	91.2
Gas	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	8.8
Gasoline	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.2
Diesel	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.2	0.1	9.1
Heating Oil	0.3	0.3	0.4	0.2	0.2	0.3	0.4	0.3	0.3	0.2	20.9
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.1	0.1	0.1	0.3	0.2	0.3	0.4	0.4	0.4	51.6
CO_2 Emissions *(Million tons CO_2)*	**86.1**	**87.6**	**86.6**	**92.1**	**85.0**	**89.3**	**87.0**	**74.7**	**71.1**	**77.7**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**208.7**	**209.5**	**199.2**	**210.5**	**207.1**	**195.4**	**186.4**	**159.2**	**147.6**	**157.8**	**-**
Final energy intensity *(toe/million $15ppp)*	**62.9**	**62.8**	**62.7**	**62.5**	**63.0**	**57.9**	**59.7**	**61.8**	**61.7**	**60.8**	**-**
Total energy intensity *(toe/million $15ppp)*	**93.9**	**93.9**	**92.1**	**96.7**	**93.5**	**89.6**	**89.6**	**87.7**	**83.1**	**84.5**	**-**

**Heat is included*

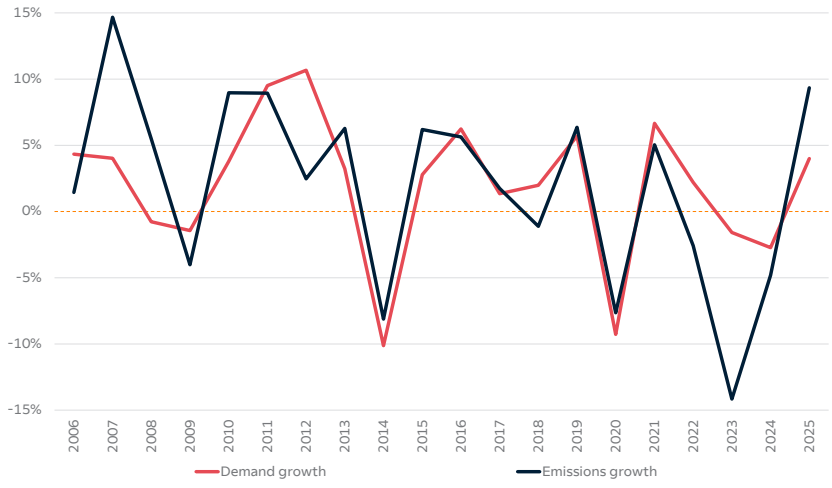
Primary energy demand mix



Electricity generation by source



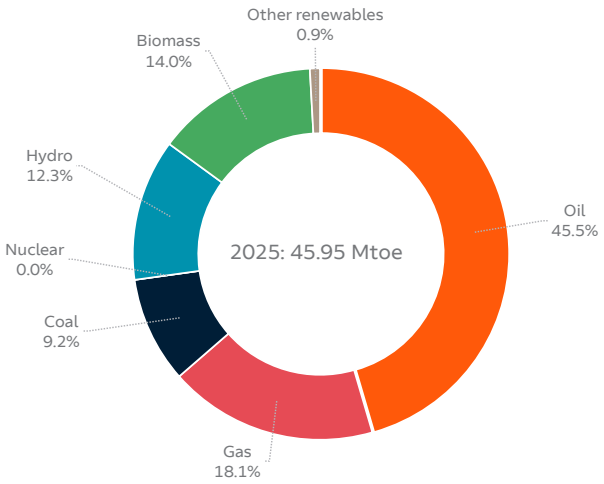
Primary energy demand and CO_2 emissions growth



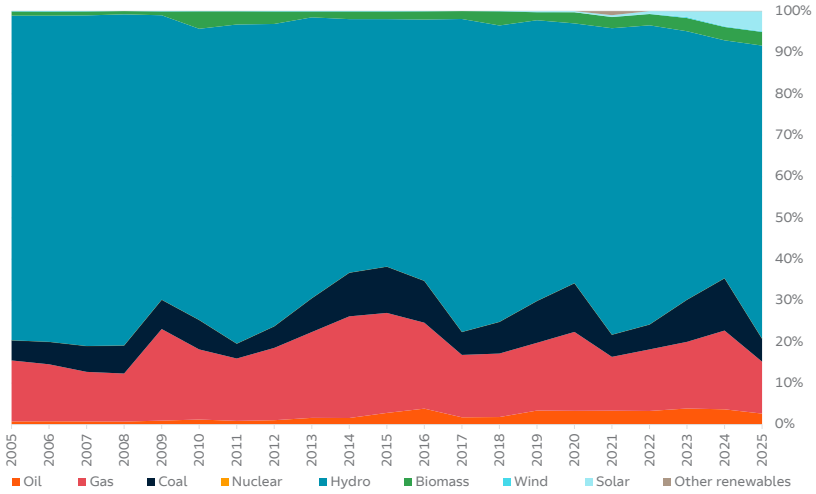
Colombia *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**42.6**	**36.6**	**41.4**	**45.6**	**41.8**	**45.7**	**45.3**	**46.2**	**47.4**	**46.0**	**100.0**
Oil	16.3	10.8	15.3	18.0	15.8	19.9	20.0	20.5	20.2	20.9	45.5
Gas	10.0	10.0	10.3	10.6	10.5	9.5	9.4	9.6	10.3	8.3	18.1
Coal	6.3	4.9	4.7	6.4	5.4	5.3	4.8	5.3	5.8	4.2	9.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	4.0	4.9	4.9	4.7	4.3	5.4	5.4	5.0	4.5	5.7	12.3
Biomass	6.0	5.9	6.1	5.8	5.6	5.4	5.7	5.8	6.4	6.5	14.0
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.9
Electricity balance of trade*	0.0	0.0	0.0	0.2	0.1	0.1	-0.0	-0.1	-0.1	-0.0	-0.1
Total final consumption, by source	**33.3**	**31.3**	**32.2**	**32.8**	**28.3**	**33.3**	**36.0**	**36.5**	**36.5**	**37.1**	**100.0**
Oil	16.2	14.4	14.3	14.5	12.2	15.6	16.8	16.9	16.4	17.1	46.1
Gas	4.3	4.3	4.4	5.0	3.6	3.9	4.3	4.3	4.4	4.1	11.1
Coal	2.0	2.1	2.3	2.1	1.9	2.4	2.9	2.8	2.7	2.7	7.2
Electricity	5.2	5.4	5.4	5.9	5.7	6.1	6.4	6.5	6.7	6.8	18.4
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	5.5	5.0	5.8	5.3	5.0	5.3	5.6	5.9	6.3	6.4	17.3
Electricity generation, by source	**6.4**	**6.5**	**6.8**	**6.9**	**6.8**	**7.2**	**7.4**	**7.7**	**7.9**	**8.0**	**100.0**
Oil	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.2	2.6
Gas	1.3	1.0	1.0	1.1	1.3	0.9	1.1	1.2	1.5	1.0	12.6
Coal	0.6	0.4	0.5	0.7	0.8	0.4	0.4	0.8	1.0	0.4	5.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	4.0	4.9	4.9	4.7	4.3	5.4	5.4	5.0	4.5	5.7	70.9
Biomass	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.3	3.3
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	4.8
Other renewables	-0.0	0.0	0.0	-0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**33.3**	**31.3**	**32.2**	**32.8**	**28.3**	**33.3**	**36.0**	**36.5**	**36.5**	**37.1**	**100.0**
Industry	8.1	8.2	9.2	9.3	7.3	8.8	9.7	9.9	9.9	9.7	26.2
Transport	13.1	12.0	12.4	11.9	10.1	13.0	14.0	14.3	14.1	14.5	39.2
Residential/Comercial	7.6	7.6	7.6	7.7	7.8	8.0	8.6	8.7	9.0	9.2	24.7
Oil final consumption, by sector	**16.2**	**14.4**	**14.3**	**14.5**	**12.2**	**15.6**	**16.8**	**16.9**	**16.4**	**17.1**	**100.0**
Industry	0.5	0.6	0.7	0.7	0.6	0.7	0.8	0.9	0.9	1.0	5.8
Transport	11.9	10.9	11.2	10.5	8.9	11.6	12.6	12.8	12.4	12.8	75.2
Residential/Comercial	0.5	0.4	0.6	0.5	0.5	0.6	0.7	0.6	0.6	0.7	4.1
Natural gas final consumption, by sector	**4.3**	**4.3**	**4.4**	**5.0**	**3.6**	**3.9**	**4.3**	**4.3**	**4.4**	**4.1**	**100.0**
Industry	2.2	2.2	2.3	2.6	1.2	1.5	1.6	1.6	1.6	1.4	34.9
Transport	0.6	0.5	0.4	0.6	0.5	0.5	0.5	0.5	0.6	0.6	13.8
Residential/Comercial	1.4	1.5	1.6	1.6	1.7	1.7	2.0	2.0	2.0	2.0	47.8
Refined products consumption	**16.2**	**14.4**	**14.3**	**14.5**	**12.2**	**15.6**	**16.8**	**16.9**	**16.4**	**17.1**	**100.0**
Gasoline	6.7	5.8	6.0	5.5	4.7	6.2	6.9	7.0	6.6	6.8	39.6
Diesel	6.7	6.0	6.5	5.8	5.2	6.6	6.5	6.9	6.9	7.3	42.6
Heating Oil	0.3	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.2	0.2	1.1
Aviation Jet	0.0	0.0	0.0	0.5	0.2	0.4	0.7	0.5	0.5	0.5	2.9
LPG	0.7	0.7	0.6	0.7	0.7	0.8	0.9	0.8	0.8	0.9	5.2
Imports	**8.0**	**5.6**	**4.7**	**5.6**	**4.3**	**6.1**	**6.3**	**8.5**	**8.8**	**8.8**	**100.0**
Oil	8.0	5.6	4.7	5.4	4.0	6.0	6.3	8.0	7.0	7.5	84.8
Gas	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.5	1.8	1.3	15.2
Gasoline	1.8	1.7	1.3	1.1	1.4	2.5	2.1	3.3	2.8	2.9	33.0
Diesel	3.1	1.0	0.6	1.2	1.2	1.2	1.9	1.2	1.5	1.5	16.7
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.1	0.2	0.1	0.1	0.0	0.0	0.2	0.1	0.1	0.1	0.9
LPG	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.2	0.2	2.4
Exports	**38.2**	**39.4**	**37.6**	**35.4**	**34.8**	**30.3**	**25.9**	**31.5**	**30.4**	**28.6**	**100.0**
Oil	38.2	39.4	37.6	35.4	34.8	30.3	25.9	31.5	30.4	28.6	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.0	0.7	0.1	0.0	0.2	0.0	0.0	0.0	0.2	0.1	0.2
Diesel	0.7	0.9	1.6	2.1	2.4	1.9	0.6	1.1	1.1	0.9	3.1
Heating Oil	2.3	2.0	1.6	1.6	1.2	1.4	2.1	2.2	2.1	2.1	7.3
Aviation Jet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
LPG	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**86.6**	**76.2**	**79.9**	**80.3**	**72.5**	**81.3**	**85.5**	**92.2**	**95.1**	**86.6**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**135.5**	**117.6**	**120.2**	**117.1**	**113.9**	**115.2**	**113.0**	**120.9**	**122.7**	**108.8**	**-**
Final energy intensity *(toe/million $15ppp)*	**49.0**	**45.7**	**46.8**	**44.7**	**42.4**	**44.9**	**45.2**	**45.7**	**45.2**	**44.7**	**-**
Total energy intensity *(toe/million $15ppp)*	**66.7**	**56.5**	**62.3**	**66.5**	**65.6**	**64.7**	**59.8**	**60.5**	**61.2**	**57.7**	**-**

**Heat is included*

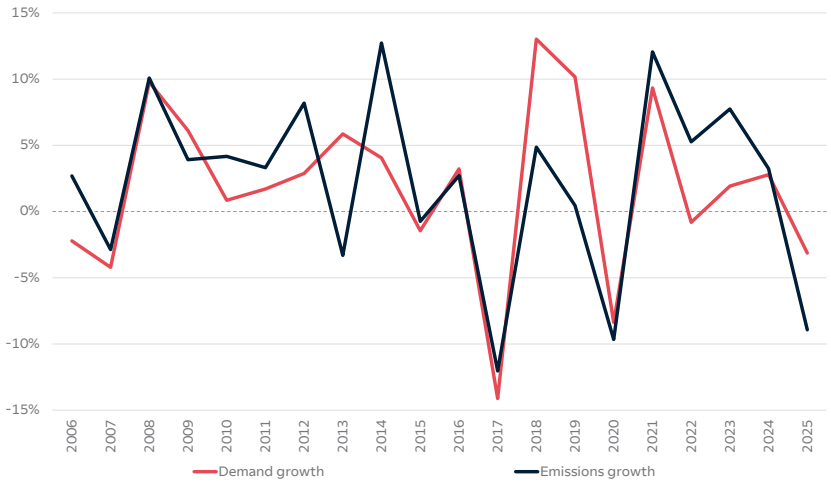
Primary energy demand mix



Electricity generation by source



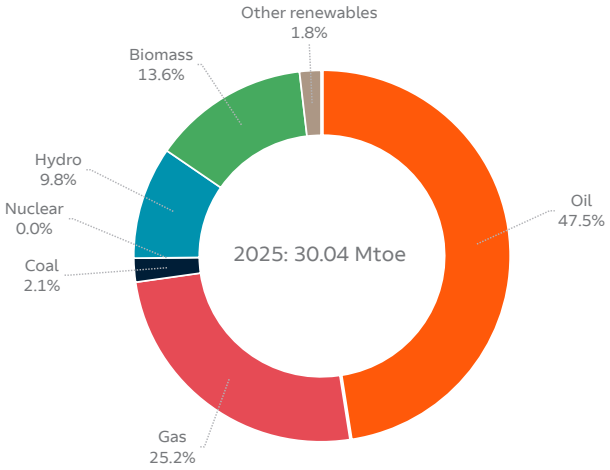
Primary energy demand and CO_2 emissions growth



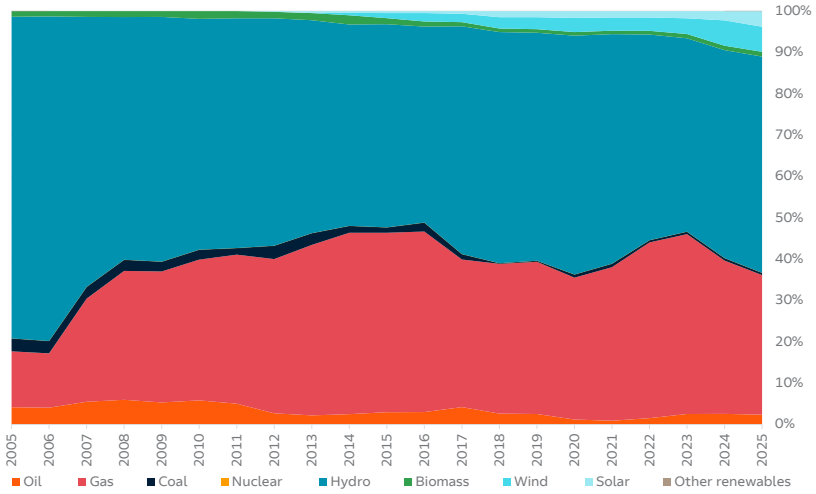
Peru *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**23.9**	**24.7**	**25.4**	**26.1**	**22.0**	**25.6**	**27.0**	**28.5**	**29.2**	**30.0**	**100.0**
Oil	9.8	11.6	11.9	12.3	9.6	11.4	12.1	13.0	13.7	14.3	47.5
Gas	7.5	6.3	6.5	6.9	5.8	6.8	7.8	8.4	7.8	7.6	25.2
Coal	0.8	0.7	0.6	0.7	0.5	0.6	0.7	0.6	0.6	0.6	2.1
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	2.1	2.5	2.6	2.7	2.6	2.7	2.6	2.5	2.8	2.9	9.8
Biomass	3.6	3.4	3.4	3.3	3.3	3.7	3.6	3.7	3.9	4.1	13.5
Other renewables	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.6	1.8
Electricity balance of trade*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total final consumption, by source	**18.6**	**19.0**	**19.6**	**19.8**	**16.8**	**20.5**	**21.4**	**21.8**	**22.5**	**23.8**	**100.0**
Oil	9.2	9.7	9.9	9.8	8.0	10.2	10.5	10.8	11.1	12.1	50.8
Gas	1.8	1.9	2.1	2.2	1.6	2.1	2.3	2.4	2.4	2.5	10.4
Coal	0.6	0.5	0.5	0.5	0.4	0.5	0.6	0.5	0.5	0.5	2.3
Electricity	3.9	4.0	4.2	4.3	3.9	4.3	4.5	4.7	4.8	4.9	20.6
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Biomass	3.1	2.9	3.0	3.0	2.8	3.4	3.4	3.3	3.6	3.7	15.8
Electricity generation, by source	**4.5**	**4.5**	**4.7**	**4.9**	**4.5**	**4.9**	**5.1**	**5.3**	**5.5**	**5.6**	**100.0**
Oil	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	2.4
Gas	2.0	1.6	1.7	1.8	1.6	1.8	2.2	2.3	2.0	1.9	33.8
Coal	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	2.1	2.5	2.6	2.7	2.6	2.7	2.6	2.5	2.8	2.9	52.3
Biomass	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	1.1
Wind	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	6.1
Solar	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	3.8
Other renewables	0.0	0.0	-0.0	-0.0	-0.0	-0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**18.6**	**19.0**	**19.6**	**19.8**	**16.8**	**20.5**	**21.4**	**21.8**	**22.5**	**23.8**	**100.0**
Industry	5.4	5.1	5.5	5.7	4.9	5.6	6.2	6.3	6.5	6.7	28.4
Transport	7.8	8.3	8.4	8.4	6.6	8.5	8.8	9.1	9.5	10.4	43.5
Residential/Comercial	4.9	5.1	5.2	5.2	4.9	5.8	5.9	6.0	6.1	6.2	26.1
Oil final consumption, by sector	**9.2**	**9.7**	**9.9**	**9.8**	**8.0**	**10.2**	**10.5**	**10.8**	**11.1**	**12.1**	**100.0**
Industry	0.9	0.9	1.0	0.9	0.9	1.0	1.4	1.5	1.5	1.7	14.1
Transport	6.9	7.3	7.3	7.4	5.8	7.6	7.7	7.9	8.2	8.8	73.2
Residential/Comercial	1.0	1.1	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.2	10.3
Natural gas final consumption, by sector	**1.8**	**1.9**	**2.1**	**2.2**	**1.6**	**2.1**	**2.3**	**2.4**	**2.4**	**2.5**	**100.0**
Industry	1.1	1.0	1.1	1.2	0.9	1.2	1.3	1.2	1.2	1.3	50.6
Transport	0.6	0.6	0.6	0.7	0.4	0.5	0.7	0.8	0.7	0.7	29.4
Residential/Comercial	0.1	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	19.3
Refined products consumption	**9.2**	**9.7**	**9.9**	**9.8**	**8.0**	**10.2**	**10.5**	**10.8**	**11.1**	**12.1**	**100.0**
Gasoline	1.7	1.7	1.9	1.9	1.5	2.0	1.9	1.9	2.0	2.1	17.6
Diesel	5.1	5.1	5.1	5.0	4.3	5.5	5.5	5.7	5.8	6.3	51.8
Heating Oil	0.2	0.2	0.1	0.1	0.1	0.2	0.5	0.6	0.6	0.7	5.8
Aviation Jet	0.0	0.3	0.4	0.4	0.2	0.2	0.3	0.3	0.3	0.4	3.0
LPG	1.9	2.0	2.1	2.1	1.9	2.1	2.2	2.2	2.3	2.5	20.3
Imports	**10.1**	**12.0**	**11.4**	**10.6**	**7.3**	**10.1**	**10.8**	**12.3**	**13.2**	**12.1**	**100.0**
Oil	10.1	12.0	11.4	10.6	7.3	10.1	10.8	12.3	13.2	12.1	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.8	0.9	1.0	0.8	1.1	1.4	1.3	1.2	1.2	0.8	6.6
Diesel	3.5	3.7	3.6	3.6	3.5	4.3	4.8	4.4	4.5	4.8	39.6
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.5
Aviation Jet	0.3	0.5	0.4	0.4	0.2	0.1	0.4	0.3	0.3	0.4	3.3
LPG	0.0	0.2	0.4	0.4	0.4	0.6	0.6	0.5	0.5	0.7	5.5
Exports	**10.3**	**11.0**	**9.5**	**8.8**	**7.6**	**6.5**	**7.3**	**8.1**	**8.8**	**7.7**	**100.0**
Oil	5.1	6.1	4.9	4.0	2.9	3.4	3.1	3.7	4.1	3.1	40.6
Gas	5.2	4.9	4.5	4.8	4.7	3.1	4.1	4.4	4.7	4.6	59.4
Gasoline	2.3	2.4	2.2	1.9	1.6	1.7	1.5	1.3	1.4	1.3	16.9
Diesel	0.4	0.5	0.5	0.3	0.3	0.3	0.2	0.0	0.2	0.2	2.5
Heating Oil	1.7	2.3	2.0	1.5	0.3	0.7	0.6	1.6	1.7	0.9	11.1
Aviation Jet	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**49.1**	**47.4**	**47.5**	**48.2**	**39.1**	**48.6**	**52.4**	**54.9**	**54.9**	**56.9**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**133.6**	**125.9**	**121.3**	**120.4**	**109.7**	**120.2**	**126.0**	**132.6**	**128.1**	**128.4**	**-**
Final energy intensity *(toe/million $15ppp)*	**49.9**	**49.6**	**49.4**	**48.8**	**46.7**	**50.2**	**50.9**	**52.2**	**52.1**	**53.2**	**-**
Total energy intensity *(toe/million $15ppp)*	**65.1**	**65.6**	**64.8**	**65.2**	**61.6**	**63.4**	**65.0**	**68.9**	**68.2**	**67.7**	**-**

**Heat is included*

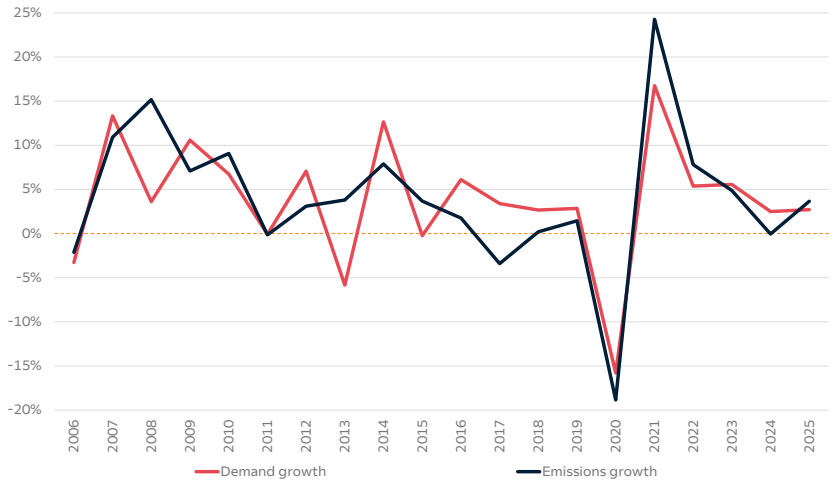
Primary energy demand mix



Electricity generation by source



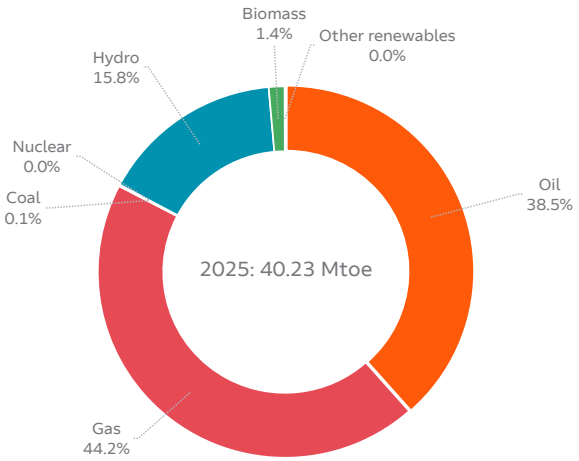
Primary energy demand and CO_2 emissions growth



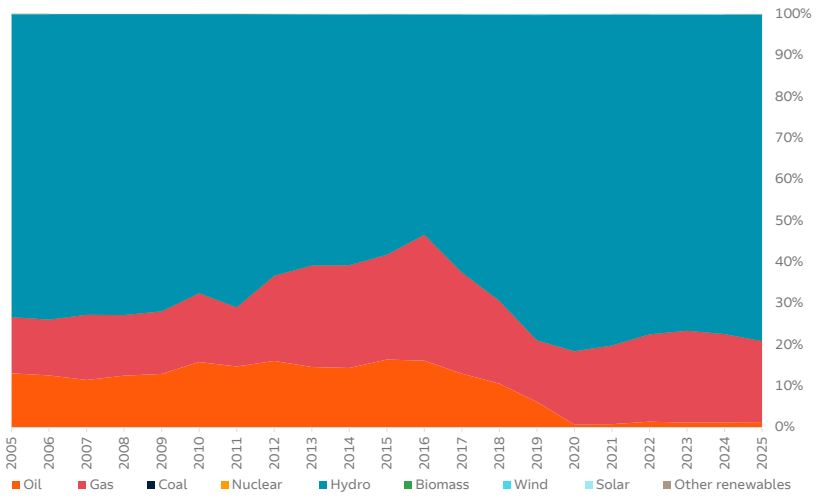
Venezuela *(Million toe)*	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Share in 2025 (%)
Total primary energy demand, by source	**57.6**	**54.8**	**41.0**	**39.4**	**31.0**	**35.7**	**38.1**	**37.2**	**39.3**	**40.2**	**100.0**
Oil	29.8	26.9	19.5	17.7	9.7	12.7	14.4	13.8	14.1	15.5	38.5
Gas	21.3	20.9	15.1	15.6	14.9	16.6	17.1	17.4	18.5	17.8	44.2
Coal	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	5.4	6.0	5.6	5.4	5.8	5.8	5.9	5.4	6.1	6.4	15.8
Biomass	1.0	1.0	0.8	0.6	0.6	0.5	0.6	0.5	0.5	0.6	1.4
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity balance of trade*	-0.1	-0.1	-0.1	-0.0	-0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by source	**31.5**	**30.7**	**27.9**	**23.4**	**17.0**	**17.8**	**19.4**	**19.0**	**20.1**	**20.9**	**100.0**
Oil	17.6	17.3	15.6	13.2	6.3	7.3	8.4	8.4	8.6	9.4	44.8
Gas	5.9	6.1	5.3	4.5	4.7	4.3	4.6	4.6	4.9	4.7	22.6
Coal	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.3
Electricity	6.9	6.3	6.2	5.0	5.4	5.6	5.8	5.5	6.1	6.2	29.8
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Biomass	1.0	0.9	0.8	0.6	0.6	0.5	0.6	0.5	0.5	0.5	2.6
Electricity generation, by source	**10.2**	**9.7**	**8.1**	**6.9**	**7.1**	**7.3**	**7.6**	**7.1**	**7.9**	**8.0**	**100.0**
Oil	1.6	1.3	0.9	0.4	0.1	0.1	0.1	0.1	0.1	0.1	1.3
Gas	3.1	2.4	1.6	1.0	1.3	1.4	1.6	1.6	1.7	1.6	19.6
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydro	5.4	6.0	5.6	5.4	5.8	5.8	5.9	5.4	6.1	6.4	78.9
Biomass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total final consumption, by sector	**31.5**	**30.7**	**27.9**	**23.4**	**17.0**	**17.8**	**19.4**	**19.0**	**20.1**	**20.9**	**100.0**
Industry	8.3	8.7	7.6	6.5	6.2	6.7	6.6	6.6	6.8	6.9	33.0
Transport	13.0	13.5	12.8	10.8	4.8	4.8	6.2	6.2	6.5	7.1	33.7
Residential/Comercial	8.0	7.1	6.9	5.6	5.7	6.1	6.4	6.0	6.6	6.7	32.2
Oil final consumption, by sector	**17.6**	**17.3**	**15.6**	**13.2**	**6.3**	**7.3**	**8.4**	**8.4**	**8.6**	**9.4**	**100.0**
Industry	1.5	1.5	1.6	1.5	1.0	2.0	1.7	1.7	1.6	1.7	18.4
Transport	12.9	13.4	12.8	10.8	4.7	4.8	6.2	6.2	6.5	7.0	75.0
Residential/Comercial	1.1	1.0	0.7	0.5	0.3	0.4	0.4	0.4	0.4	0.4	4.6
Natural gas final consumption, by sector	**5.9**	**6.1**	**5.3**	**4.5**	**4.7**	**4.3**	**4.6**	**4.6**	**4.9**	**4.7**	**100.0**
Industry	4.8	5.1	4.5	3.9	4.0	3.6	3.9	3.9	4.1	4.0	85.2
Transport	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Residential/Comercial	1.0	1.0	0.7	0.6	0.7	0.6	0.7	0.7	0.7	0.7	14.8
Refined products consumption	**17.6**	**17.3**	**15.6**	**13.2**	**6.3**	**7.3**	**8.4**	**8.4**	**8.6**	**9.4**	**100.0**
Gasoline	10.3	9.9	8.2	7.5	3.0	2.8	3.9	3.9	4.3	4.6	49.2
Diesel	3.1	4.0	5.5	4.1	2.5	3.4	3.7	3.6	3.4	3.9	41.8
Heating Oil	0.9	0.8	0.6	0.7	0.2	0.6	0.1	0.1	0.1	0.1	0.6
Aviation Jet	0.2	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.2	0.2	1.7
LPG	2.8	2.1	0.7	0.5	0.3	0.4	0.4	0.4	0.4	0.4	4.5
Imports	**7.2**	**8.1**	**10.7**	**16.9**	**7.7**	**4.5**	**7.8**	**6.9**	**7.4**	**6.1**	**100.0**
Oil	7.2	8.1	10.7	16.9	7.7	4.5	7.8	6.9	7.4	6.1	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	1.1	1.4	1.1	1.0	0.9	0.8	0.9	0.7	1.0	0.5	8.5
Diesel	1.3	1.1	3.8	2.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Heating Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aviation Jet	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Exports	**111.9**	**96.6**	**78.8**	**59.3**	**35.7**	**37.0**	**43.6**	**46.5**	**53.5**	**57.6**	**100.0**
Oil	111.9	96.6	78.8	59.3	35.7	37.0	43.6	46.5	53.5	57.6	100.0
Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gasoline	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diesel	0.0	0.0	0.8	0.4	0.3	0.1	0.2	0.4	0.4	0.7	1.2
Heating Oil	9.0	7.8	7.7	4.1	3.2	3.0	4.6	4.7	4.6	5.9	10.2
Aviation Jet	1.4	0.9	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0
LPG	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO_2 Emissions *(Million tons CO_2)*	**124.2**	**116.1**	**98.5**	**79.7**	**53.4**	**59.3**	**66.0**	**66.1**	**68.9**	**69.8**	**-**
CO_2 Intensity *(tCO_2/million $15ppp)*	**259.8**	**287.8**	**304.0**	**340.0**	**325.3**	**358.0**	**369.0**	**355.1**	**351.6**	**350.6**	**-**
Final energy intensity *(toe/million $15ppp)*	**61.4**	**72.7**	**84.5**	**98.0**	**101.9**	**106.6**	**107.6**	**101.2**	**101.9**	**104.1**	**-**
Total energy intensity *(toe/million $15ppp)*	**120.4**	**135.9**	**126.5**	**168.0**	**189.0**	**215.7**	**213.1**	**200.1**	**200.7**	**202.2**	**-**

**Heat is included*

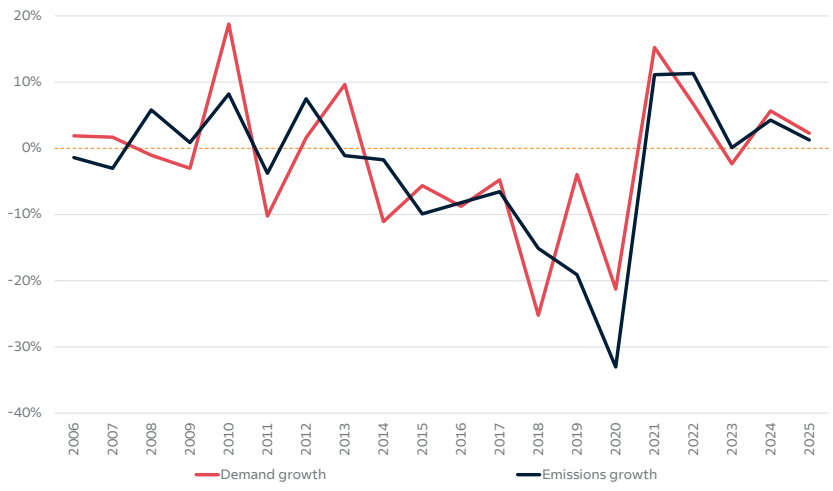
Primary energy demand mix



Electricity generation by source



Primary energy demand and CO_2 emissions growth





Conversion Factors

Conversion Factors

Crude oil

	Multiplier to convert to ↓				
From ↓	*tonnes*	*10^3 litres*	*barrels*	*U.S. gallons*	*tonnes/year*
tonnes	1.00	1.17	7.33	307.86	-
10^3 litres	0.86	1.00	6.29	264.17	-
barrels	0.14	0.16	1.00	42.00	-
U.S. gallons	3.25E-03	3.80E-03	2.38E-02	1.00	-
barrels per day	-	-	-	-	49.80

Note: based on worldwide average gravity.

Products

	Multiplier to convert from ↓			
	barrels to tonnes	*tonnes to barrels*	*10^3 litres to tonnes*	*tonnes to 10^3 litres*
Liquefied petroleum gas (LPG)	0.09	11.50	0.55	1.83
Gasoline	0.12	8.30	0.76	1.32
Kerosene	0.13	7.80	0.81	1.24
Gas oil/Diesel	0.13	7.60	0.83	1.21
Fuel oil	0.15	6.60	0.95	1.05
Product basket	0.11	8.70	0.72	1.38

Note: Approximate conversion factors.

Natural Gas an Liquefied Natural Gas (LNG)

	Multiplier to convert to ↓				
From ↓	*Bcm NG*	*Bcf NG*	*Million toe*	*Million ton. LNG*	*Million boe*
Bcm NG	1.00	35.30	0.90	0.74	6.52
Bcf NG	2.80E-02	1.00	2.55E-02	2.08E-02	1.87E-01
Million toe	1.12	39.24	1.00	0.82	7.33
Million ton. LNG	1.36	48.03	1.22	1.00	8.97
Million boe	1.53E-01	5.35	1.36E-01	1.11E-01	1.00

Note:
Bcm = billion cubic meter
Bcf = billion cubic feet
toe = tonnes oil equivalent
boe = barrels oil equivalent

Energy

	Multiplier to convert to ↓			
From ↓	*TWh*	*Million toe*	*Bcm NG*	*Terajules*
TWh	1.00	8.60E-02	9.66E-02	3.60E+03
Million toe	11.63	1.00	1.12	4.19E+04
Bcm NG	10.35	0.89	1.00	3.73E+04
Terajules	2.78E-04	2.39E-05	2.68E-05	1.00

Note: Approximate conversion factors.
TWh = Terawatt-hour



Glossary

Definitions

Total Primary Energy Demand

Primary consumption is the sum of primary production, external trade, bunkers and stock variations. The aggregation of primary consumption for all products measures the total energy consumption for a country, including all the losses and own consumptions within the transformation process.

Primary Production

Primary production measures the quantity of natural energy resources extracted and produced for consumption in original state, at the site of production or elsewhere, or for later transformation into other forms. It excludes the quantities which are not used for energy or transformation purposes, particularly the quantities flared, reinjected into the wells, or disposed of in original form into the environment. However own consumption at the site of production is included (auxiliary electricity generation for example): that is why it is defined as gross primary production. Hydroelectric, geothermal, wind, solar and nuclear production of electricity are all considered primary productions.

Reserves for crude oil

Proved reserves on 31/12 of both conventional and non-conventional crude oil. Volumes of crude oil recoverable under existing economic and operating conditions. Canadian reserves include oil sands while Venezuelan reserves include extra-heavy oil.

Reserves for gas

Proved reserves on 31/12. Volumes of natural gas recoverable under existing economic and operating conditions. These reserves do not include unconventional gas except for Canada, USA, Australia and China for which CBM and/or shale gas proven reserves are incorporated.

Production

Energy production always corresponds to gross domestic production. It consists of primary and secondary gross production, except for natural gas for which production corresponds to marketed production.

R/P ratio

Reserves measured in years, according to the current production level.

Domestic Consumption

Domestic consumption is the balance of production, external trade, stock variation, statistical differences and return and transfers. For oil, marine and aviation bunkers are excluded for countries. They are included at the world level. It is mainly divided between power plants, industry, transport and the residential and tertiary sectors; one part is used or lost in the energy transformation.

Electricity generation

Energy production always corresponds to gross domestic production. It consists of primary and secondary gross production, except for natural gas for which production corresponds to marketed production.

Final Energy Consumption

Final consumption is the difference between domestic consumption and the consumption in energy transformations, and the losses involved. Final consumption measures the needs of the final consumers of the country. They are broken down into several sectors: industry, transport, residential, tertiary, agriculture and non-energy uses. Final energy consumption is the sum of Oil, Gas, Coal, Electricity, Heat (including geothermal and solar heat) and Biomass final consumption of the sectors. For oil, marine and aviation bunkers are excluded for countries.

Industry

Final consumption of industry includes the final consumption of the mining sector, manufacturing sector, construction and public works sector. It excludes the fuel consumption of all modes of transport, even those used by industry, and also excludes energy products employed for non-energy uses (e.g. raw materials, lubricants). It also excludes the fuel input for autoproduction and includes the autoproduced electricity.

Transport

The final consumption of transport is the total consumption of all modes of transportation (ISIC Divisions 49 to 51), regardless of to whom they belong, and to what purpose the transport serves. Aviation and marine bunkers (international aviation and sea transport) are excluded, except at the world level.

Residential/Commercial

This sector includes the final consumption of energy products used for energy uses, excluding industry, transport, and agriculture sectors. (ISIC Divisions 33, 36-39, 45-47, 53, 55, 56, 58-66, 68-75, 77-82, 84 [excluding class 8422], 85-88, 90-96 and 99 [for tertiary], and 97 and 98 [for residential]).

Imports

Imports are the quantities of energy products imported from abroad into the national territory, deductions being made for quantities simply in transit destined for other countries and those quantities which are processed within the national boundaries on behalf of another country. In the case of geographic or geopolitical zones, the imports are taken as the aggregations of the various national totals, including the imports which arise from trade within the zone. In the dashboard, Total import is the sum of Oil and Gas imports.

Exports

Exports are the quantities of energy product exported from the national territory to foreign countries, deductions being made for products simply in transit and quantities processed on behalf of other countries. In the case of geographic or geopolitical zones, exports are the aggregations of national exports, including those which arise within the zone. In the dashboard, Total export is the sum of Oil and Gas exports.

CO_2 emissions

Emissions estimated using the IPCC Reference Approach. The Reference Approach is a top-down approach, using a country's energy supply data to calculate the emissions of CO_2 from combustion of mainly fossil fuels. The Reference approach is a straightforward method that can be applied on the basis of relatively easily available energy supply statistics. Excluded carbon has increased the requirements for data to some extent. However, improved comparability between the sectoral and reference approaches continues to allow a country to produce a second independent estimate of CO_2 emissions from fuel combustion with limited additional effort and data requirements.

Renewables Share in Power Generation

Share of renewable in electricity production.

Share of Other Renewables in Power Generation

Share of other primary electricity renewable in total production of electricity, excluding hydro-electricity.

Final energy intensity

Energy intensity corresponds to the final energy consumption necessary to produce one unit of Gross Domestic Product (GDP). Non energy uses are excluded. Here, it is measured in terms of purchasng power parities.

Total energy intensity

Energy intensity corresponds to the primary energy consumption necessary to produce one unit of Gross Domestic Product (GDP). Non energy uses are excluded. Here, it is measured in terms of purchasing power parities.

Other renewables

Calculated by difference. It is equal to the total primary energy demand minus the sum of items and minus the balance of trade. (= Total - sum of items - balance of trade.

Electricity balance of trade

The balance of energy trade corresponds to the "energy bill", i.e. the impact on the economy created by energy imports or exports. It is the difference, in monetary units, of energy imports and exports, which varies according to the forms of energy imported and the degree of a country's self-sufficiency. A negative balance means a net exporting country.

Prices

Price all taxes in national currency; for the Euro zone, the prices were converted based on fixed exchange rate of Euro over the whole period. For crude oil: spot price FOB, year average value. For natural gas: year average value.

Purchasing Power Parities

Measures the rate of currency conversion that equalises the purchasing power of different currencies. A given sum of money, when converted into different currencies at the PPP rate, buys the same basket of goods and services in all countries. In other words PPP eliminate the differences in price levels between different countries. In addition they do not fluctuate as exchange rates, which provide a more stable comparison of energy intensities. The prices in national currency were converted on the basis of $ppp from the rate of purchasing power parity of World Bank. For instance, in 12005 the exchange rate of the Euro (€) was 1US$ = 0.8€ ; actually 1US$ in the USA was buying the same basket of goods and services as 0.92€ in France (the cost of life being on average cheaper than in France that year) ; thus the PPP of the Euro in 2005 was 1US$PPP = 0.92€. In Thailand, as in the majority of developing countries or central and Eastern European countries, the cost of life is much cheaper than in France or in the USA (3 times less) ; thus, in 2005 1US$ was buying the same basket of goods and services as approximately 16 baths (national currency of Thailand), which means 1US$PPP = 16 baths, whereas the exchange rate was 1US$ = 40 baths.

Oil

Oil liquid hydrocarbons, including those from synthesis and liquefaction.

Crude oil, NGL

All liquid hydrocarbons destined for the refinery: crude oil, natural gas liquids and refinery feedstocks.

Crude oil

Hydrocarbonated mineral oil of natural origin, extracted from deposits and marketed. Of variable density and viscosity.

Natural gas liquids (NGL)

Liquid hydrocarbons and/or liquefied recoveries from the processing of natural gas extracted from deposits. Density and viscosity vary according to composition. Also known as "condensates".

Non-conventional oil

Liquid hydrocarbons from oil shales, extra heavy oil (USA, Venezuela) or tar sands (natural bitumen in Canada).

Refinery Feedstocks

Crude oil derivatives and/or derivatives of natural gas liquids, unable to be marketed without further refining. Of variable density and viscosity.

Refined oil products

All liquids hydrocarbons derived from crude oil and natural gas liquids, obtained by refining and processing, conforming to strict market standards in their physical-chemical characteristics, density, viscosity, flash point, degree of octane, etc.

Motor gasoline

All motor fuels except diesel/light fuel oil: two stars petrol, four stars petrol, Eurosuper 95, 4 stars unleaded. The density varies between 0.73 and 0.76. Degree of octane varies according to fuel type (_ 80 RON).

Diesel and light fuel oil

A heavy fraction, it is virtually identical to domestic or heating fuel; it also similarly incorporates light industrial fuels. In many countries, it is splitted between Automotive Diesel-Oil (ADO) and Industrial Diesel-Oil (IDO). Flash point at 50°C. Density between 0.8 and 0.9.

Heavy fuel oil

Also known as residual fuel, heavy fuel is the residue gained from distilling oil. Generally viscose at ambient temperature. Density always greater than 0.90. Flash point at 50°C.

Liquefied petroleum gas (LPG)

Light fractions in gas form and standard temperature and pressure, marketed in liquefied form: butane (C3H8) and propane (C4H10). Density in liquid form is between 0.50 and 0.58.

Ethane

Gas extracted from refinery gas or natural gas.

Refinery gas

Light fractions, in gas form at ambient temperature and non-condensable, obtained by refining and processing, used in the refinery, resold externally and/or flared.

Jet-fuel

Hydrocarbon used in airplane turboreactors. Physical-chemical properties similar to lighting kerosene, also known as kerosene. Density around 0.80. Degree of octane between 80 and 145 RON.

Aviation gasoline

Light hydrocarbons used in airplane piston motors. A mix of petrol and kerosene. Density of around 0.75.

Kerosene

Kerosene is a middle distillate, of a density of around 0.80. Flash point at 38°C.

Naphta

Light and medium fractions (between motor gasoline and kerosene) where requirements are specified by the user, notably the petrochemists. This contributes the main bulk of the petrochemical industry.

Lubricants

Complete liquid or viscous hydrocarbons used for their lubricating qualities.

Paraffin

Saturated aliphatic hydrocarbons, solid at ambient temperature. Melting point above 45°C. Density from 0.76 to 0.78.

Petroleum coke

Solid residue, over 90 % carbon. Burns entirely.

Gas

Group of gasious hydrocarbon and noncondensable, used in gas form, of natural or artificial source.

Natural Gas

Gasious hydrocarbon in its natural state, marketed after the separation of the liquid fractions which it contains as exit from the wells. Composed essentially of methane (CH4), natural gas can also include other gases like nitrogen. Natural gas can be liquefied at very low temperatures and transported in this state. 1 m3 of liquefied gas gives around 600 m³ of gas in gas form.

The net calorific value of gas varies according to its methane richness.

LNG (Liquefied Natural Gas)

Natural gas liquefied for transport by sea tankers.

Coal, lignite

Also known as solid fossil fuels, this covers all fossil fuels that are solid in their natural state. According to their carbon content, in water and v.arious minerals, the net calorific value can vary significally.

Coal

All fossil fuels which are solid in their natural state, of a calorific value > 4,165 Kcal/kg, extracted from deposits and sold in its original state.

Lignite (or brown coal)

All fossil fuels, solid in their natural state, of weak calorific value (NCV < 4,165 kcal/kg).

Coke

Solid fossil fuel derived from coking coal, used in steel industry blast furnaces due to its physical and thermal properties.

Electricity

Electricity produced and transported for commercial purposes, used by ad-hoc devices.

Hydro-electricity

Electricity produced by hydroelectric installations making use of either gravitational pull (dam + reservoir) or water streams (water alongside the flow of water).

Nuclear electricity

Electricity produced by nuclear reactors coupled to alternators.

Thermal

Electricity produced from fuel fired thermal power plants (coal, oil, gas, wood, etc.). Distinction is made for steam turbines, gas turbines and cogeneration power plants (combined steam and electricity production).

Electricity from oil

Electricity produced by thermal power plants running on heavy fuel oil or diesel/light fuel oil.

Electricity from natural gas

Electricity produced from thermal power plants running on natural gas.

Electricity from coal, lignite

Electricity produced from thermal power plants using coal, lignite, manufactured gases, peat and, to a lesser extent, coking coal and BKB.

Electricity from non-conventional energies

Electricity produced from biomass or wastes.

Geothermal

Electricity produced from geothermal power plants.

Wind

Electricity produced from wind power plants.

Solar

Electricity produced from solar power plants or PV.

Heat

Steam produced by a cogeneration electric on heat power plants and marketed by the use of a public distribution network.

Non-conventional energies

All energies that have, for generations, been used in a traditional manner, natural energies used in their natural state, without the intervention of industry, and other energies not classifiable under hydrocarbons, solid fuels, or electricity or steam-heat. Information on the production/consumption of non-conventional energies are of very unequal quality and are not available for all the countries. The non-conventional energies best documented on the statistical level are wood, bagasse and charcoal; for waste, the information is related to only ten country.

Wood

Wood used in its natural state for energy purposes. Also known as fire wood.

Ethanol

Methylated or ethylated alcohol obtained by distilling vegetable material (sugar cane, sugar beet, wood, etc.) used as an energy product.

Wastes

Includes/understands various types of waste used like fuels.

Biogas

Gas derived from anaerobic fermentation of biomass or solid wastes.

Geographical grouping

European Union (EU27)

Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden.

OECD

Australia, Austria, Belgium, Canada, Chile, Colombia, Costa Rica, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Latvia, Lithuania, Luxembourg, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, South Korea, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye, United Kingdom, United States.

OPEC and OPEC+

In 2025, OPEC comprised 12 member countries: Algeria, the Republic of the Congo, Equatorial Guinea, Gabon, Iran, Iraq, Kuwait, Libya, Nigeria, Saudi Arabia, the United Arab Emirates (UAE), and Venezuela.

OPEC's 10 non-member allies were Azerbaijan, Bahrain, Brunei, Kazakhstan, Malaysia, Mexico, Oman, Russia, Sudan, and South Sudan. Together with OPEC member countries, they form the group known as OPEC+.

The United Arab Emirates formally withdrew from both OPEC and OPEC+ in May 2026. Consequently, the statistics presented in this document include the UAE within the OPEC group.

MORE INFORMATION

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