energy institute

2026 | 75th edition

Statistical Review of World Energy

In partnership with

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KEARNEY

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Foreword

The Energy Institute (EI), in partnership with Ember and in collaboration with Kearney and KPMG, is proud to produce the 75th edition of the Statistical Review of World Energy, providing the first, full, freely-available analysis of global energy markets for the prior year.



As the Statistical Review marks its 75th anniversary, it reflects not only a unique dataset, but the work of generations of thinkers who have shaped how the world understands energy. From its stewardship under bp, to its evolution today under the Energy Institute, the Statistical Review has remained a trusted guide through moments of profound change.

Today, the EI team carry on that legacy, working with our partners to ensure the Review remains rigorous, relevant and independent. Its defining principles – full, first, free and fair – continue to underpin an objective view of the shape of the global energy system.

In the last 75 years, we have seen unprecedented global growth in population, prosperity and human health. In this period, global energy demand has increased six-fold, the world economy has grown 14-fold and average life expectancy has increased from 47 years to 74 years. It has been a remarkable journey.

Over the years, the Statistical Review has documented how energy flows respond to geopolitics, technology and demand. From the oil shocks of the 1970s to today's tensions around the Strait of Hormuz, the system remains shaped by physical resources and the routes that deliver them.

By bringing together global data on production, consumption, trade and emissions, the Statistical Review provides a trusted foundation for understanding how our energy system really is. In a world defined by volatility and transition, the Review remains a global public good: an independent, evidence-based anchor to inform decisions and support a just, secure and low-carbon energy transition.

Andy Brown OBE FEI
President, Energy Institute

Dr Nick Wayth FEI
Chief Executive,
Energy Institute

Ember



The geopolitical fault lines of global energy markets are once again exposed. As vulnerable fossil supply routes face disruption, solar, batteries and electrification advance in both mature and emerging economies.

The 75 years of energy history documented in this Review have largely been a fossil-powered growth story. Today, the data show that supply growth is increasingly renewable and electric. Electricity continues to outpace total energy supply growth, particularly in Asia. For the first time, renewables – driven largely by solar – were the largest source of new energy supply.

The transition from molecules to electrons is fundamentally an efficiency advance. An electric vehicle requires less than a third of the energy of an internal combustion equivalent, while solar is two to three times more efficient than thermal power. Currently, two-thirds of global energy supply is wasted as heat.

Amid the second major fossil shock in four years, this report recalls the 1970s, which permanently altered the trajectory of global oil demand. The logic of energy security is now expanding, from diversifying fuel supply to reducing dependency. Capital investments in electro-technologies provide predictable domestic energy for decades, in contrast to ongoing, volatile commodity costs.

Policymakers can navigate these evolving risks by playing to domestic strengths to improve long-term security and economic competitiveness. More than ever, trusted data and foresight are critical. Ember is proud to be a strategic partner in the Energy Institute Statistical Review of World Energy, upholding the legacy of impartial data collection and equipping decision-makers to build a secure energy future.

Phil MacDonald
Chief Executive Officer,
Ember

The findings reveal a year in which energy demand continues to surge, low carbon electricity reaches a historic milestone, and transition pathways diverge sharply across regions – all against a backdrop of rising geopolitical risk.

KPMG



Wafa Jafri
Partner and UK Lead for Energy and Natural Resources Strategy, KPMG in the UK

The global energy system is fragmenting – fast. For decades, the direction of travel felt broadly shared with a world moving, however unevenly, toward cleaner and integrated system. That consensus is fracturing and countries are now making fundamentally different choices about how they power their economies, driven by a common imperative: resilience. While renewables are still growing, the US is using its energy abundance in oil, gas and coal production to manage energy demand growth. China is deploying renewables at unprecedented scale while stockpiling fossil fuels as insurance. Europe is reducing fossil fuel dependency while navigating a new reliance on critical minerals used in renewables and LNG. The Middle East is investing in both hydrocarbon expansion and clean energy. Same imperative of energy security but four completely different strategies.

This is the defining story of the 75th edition of the Energy Institute's Statistical Review of World Energy: a world of divergent national energy choices. For businesses, the implications are clear. In an increasingly volatile system, diversified supply, contractual flexibility, and reduced reliance on single sources of crude, gas, refined products and critical minerals are core to competitiveness. The Energy Institute's 2026 Statistical Review provides a valuable foundation for interpreting these trends, and KPMG International is pleased to support this publication.

Kearney



Maria de Kleijn
Europe Lead, Sustainability; and Partner, Kearney

The Energy Institute Statistical Review of World Energy 2026 data confirms that renewable energy is scaling at unprecedented speed, but delivery challenges are becoming more visible.

Solar was the standout performer, increasing by around 30% year-on-year. More broadly, renewables were the largest source of total energy supply growth for the first time outside of a recession, with solar power accounting for 71% of this growth.

This marks a structural shift from a system where clean power supplements fossil fuels, to one where it increasingly substitutes them. Superior economics combined with low project complexity are key driving factors behind this stellar growth. However, at the same time, total energy demand continued to rise, and all energy sources, including fossil fuels, reached record levels.

This tension defines the next phase of the transition. The challenge is no longer whether renewables can grow, but whether systems can keep pace with that growth. Grid infrastructure, storage capacity and flexibility solutions are not scaling at the same rate as generation, limiting the system-wide impact of record deployment.

The data also reveals increasing concentration of renewable growth. In several markets, deployment is accelerating at a scale that is reshaping entire energy systems, while others face constraints in capital, infrastructure and regulatory frameworks. This divergence underscores a critical point: the pathway to tripling renewables will not be uniform, and success will depend on execution as much as ambition.

The Statistical Review provides the evidence base for this transition, tracking not only how fast renewables are growing, but how effectively they are reshaping the global energy system.

2025 Key highlights

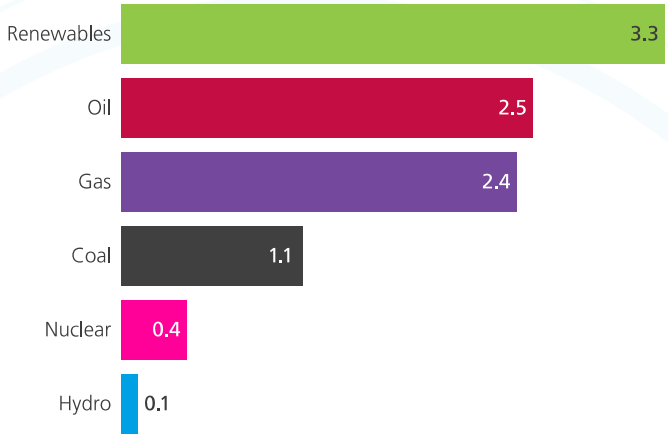
In a world that is increasingly volatile, data for the year preceding the conflict in the Middle East provides essential benchmarks for the energy transition.

Total energy supply (TES)

Total energy supply (TES) exceeded 600EJ in 2025, a rise of 1.7% over 2024, continuing the long-term upward trend in energy demand. Renewables were the largest source of TES growth for the first time outside of a recession, with solar power accounting for 71% of this renewable increase. Fossil fuels continued to expand in absolute terms and retained their dominant position, accounting for 86% of TES. All sources of energy supply, globally, saw increases in 2025.

Renewables were the largest source of energy supply growth for the first time outside of a recession

Change in total global energy supply by source, 2025 (EJ)



Renewables includes solar, wind, geothermal and biofuels. It excludes hydro and nuclear power. Absolute changes are adjusted for leap years.

Electricity

Electricity is growing in prominence in the energy system, with electricity demand continuing to grow faster than TES, rising 3% year-on-year.

Solar achieved 30% growth in 2025 and its share of total power generation reached 8.7% – surpassing wind (8.4%) for the first time and almost equalling nuclear's share of 8.8%.

Behind solar, wind power was the second largest source of renewables growth in 2025, increasing by 8.2% year-on-year.

New drivers of electricity demand, from electric vehicles to data centres and AI, continued to expand the role of electricity in 2025

Carbon emissions

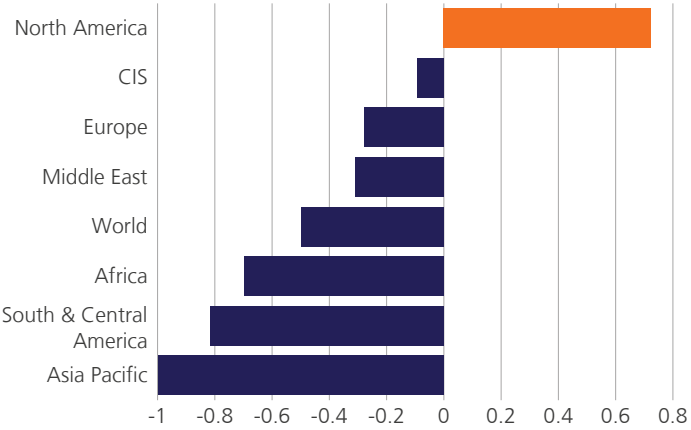
Global CO_2 emissions from the consumption of fossil fuels rose by 1.1% to 35,806.2 million tonnes of CO_2. More than a third of that rise was from the US. Europe's CO_2 emissions from the consumption of fossil fuels increased by 0.5%. North America had the second-largest regional growth rate for energy consumption emissions at 2.7% (after Africa at 2.8%) and largest growth in absolute terms of 152.3 million tonnes of CO_2, bucking the region's 10-year decline trend of -0.7%.

Total energy-related emissions, including methane and gas flaring emissions, rose by 1.1% to 41,037 million tonnes of CO_2.

In absolute terms, the increase in US energy-related emissions was four times greater than that of China

North America is the only region to increase its carbon intensity of energy in 2025

Change in carbon intensity of total energy supply (%)



Measured as CO_2 emissions per EJ

Global oil consumption grew by 1.3% in 2025, an increase from the 1.1% growth seen in 2024, to 103mmbpd. Non-OECD oil demand rose 2%, while OECD growth slowed to 0.4%

Oil

In China, consumption of gasoline and diesel has been declining for the last two years. Oil production continued to be dominated by the Middle East in 2025, with the region's largest producer, Saudi Arabia, increasing production by 5.1%. Still, US oil production in 2025, 21.1mmbpd, almost equalled the combined output of Saudi Arabia and Russia.

Global dependence on imported fossil fuels has been laid bare following the closure of the Strait of Hormuz in late February 2026.

Analysis from 2025 trade data shows major demand centres were heavily reliant on imports, with India importing 86% of its oil consumption, and China and Europe importing 73% and 75% respectively

Natural gas

Natural gas demand saw the second-largest rise after renewables in 2025, growing by 1.6% year-on-year, below the 10-year average growth of 1.9%.

Gas consumption growth was concentrated in Europe, the Middle East and North America, with consumption in the Asia-Pacific region flat year-on-year.

Gas was also a source of dependence, with India and Europe reliant on imported gas to meet half their supply needs, and China for over a third. Elsewhere, the US continued to increase its role as a net energy exporter in 2025, led by exports of LNG which grew by 27%.

Coal demand in India rose by 0.6% year-on-year, far less than the 10-year trend of 3.6%

Coal

Global coal consumption grew by 0.7% in 2025, in a year full of significant changes in major coal-consuming regions.

In China, coal consumption was flat year-on-year, as a result of slower demand for coking coal and a significant increase in solar generation.

India's coal consumption increased by 0.6% year-on-year, much lower than the 10-year average growth of 3.6%.

The US saw 10% growth in coal consumption, as a 50% increase in US gas prices shifted power plant economics, causing a significant switch from gas to coal generation.

Insight 1:
Energy security in a changing world

Import dependence and exposure in 2025

Recent supply shocks have exposed structural vulnerabilities and choke points across major energy systems, and efforts to reduce import dependence have delivered uneven outcomes. Globally, about 22% of energy consumption was met through net imports, according to World Bank data in 2023. Europe has reduced reliance on Russian gas but remains exposed to supply risks from alternative exporters. The US has largely reversed its dependence through domestic production growth. China has strengthened domestic supply of gas and coal but continues to rely heavily on imports to meet oil and gas supply needs.

Europe

Europe was dependent on imports for 55% of its gas supply needs in 2025. Historically this came via pipeline imports, with up to 49% of this imported supply coming from Russia prior to 2022. Following the start of the Ukraine crisis, in 2025 gas pipeline imports from Russia declined sharply to 36bcm (13.6% of all gas imports), but Europe still imported 20.3bcm of Russian gas via LNG in 2025. The EU is targeting a full phase-out of Russian gas imports for autumn 2027. These flows have been displaced primarily by US LNG imports, while higher renewable generation has reduced gas use in the power sector. The region's total gas demand had already fallen by 23%, from its 2005 peak of 22.6EJ, to 17.4EJ in 2025. Despite this adjustment, high reliance on gas-fired heating, particularly central heating in Central and Eastern Europe, leaves the region exposed to supply disruptions.

Europe is not a major crude oil producer, accounting for just 3.3% of global output in 2025. Across oil and refined products, Europe is reliant on imports for 75% of its supply. While relatively strong in gasoline production, it is structurally short in middle distillates and remains reliant on imports of diesel and marine fuels. A significant share of these volumes was historically supplied by Russia, but following sanctions Europe has increasingly sourced barrels from more distant suppliers. At the same time, high carbon costs and policy pressure have reduced refinery activity. Throughput declined from 15mmbpd in 1998 to 11.8mmbpd in 2025 (21%), with a large share of capacity permanently closed.

US

The US has undergone a more fundamental shift. Advances in horizontal drilling and hydraulic fracturing unlocked large-scale shale production, transforming the country from a major net importer into a significant exporter. The country has produced more gas than it consumes since 2016 and in the last three years it has produced more oil than it consumes. US gas production increased from 740bcm in 2015 to 1,074bcm in 2025, with output exceeding domestic consumption by around 160bcm. Over the same period, exports rose from 48bcm to 241bcm, while imports remained broadly stable.

A similar trend is evident in oil and refined products. While still an importer of crude oil, the US's significant refining capacity makes it a net exporter overall, with net exports of 1.9mmbpd. In 2025, domestic oil demand recovered to 36.4EJ, close to its pre-COVID level and near the 2018 peak. Refining capacity and throughput have remained broadly flat over the past decade, while demand for road fuels has softened and product imports have declined. Still, the US maintains 17.5% of global refining capacity, the second-biggest share by country after China.

China

China has taken a more state-led approach to reducing import dependence. The 2019-2025 Seven-Year Action Plan required higher reserves and production, driving increased upstream investment, particularly offshore. Gas production rose from 136bcm in 2015 to 264bcm in 2025. However, strong demand growth last year meant imports still made up 37% of consumption, more than they did a decade earlier.

China's import mix has also shifted. LNG imports fell by 13.7% in 2025 to 90.8bcm, while gas pipeline imports increased by 6.7bcm (9.4%) to 77.8bcm, supported by the ramp-up of the Power of Siberia gas pipeline from Russia. Imports from the US declined from 5.5% of LNG supply in 2024 to almost zero in 2025, while Qatar accounted for nearly a third of LNG imports. Despite a decline in 2025, total gas imports remained near record levels.

In oil, domestic production has remained broadly flat over the past decade, while import dependence has continued to rise. Oil imports increased by 3.4% to 13.9mmbpd in 2025, even as flows from the US and Russia declined. China also continued to build inventories, with stock levels reaching an estimated 1.4bn barrels by the end of 2025.[1] China is also the world's largest coal producer. The country has increased its domestic coal production by 82% in the last 20 years. Despite this, driven by China's increasing coal demand, imports have also increased, with 11% of domestic supply covered by imported coal in 2025.

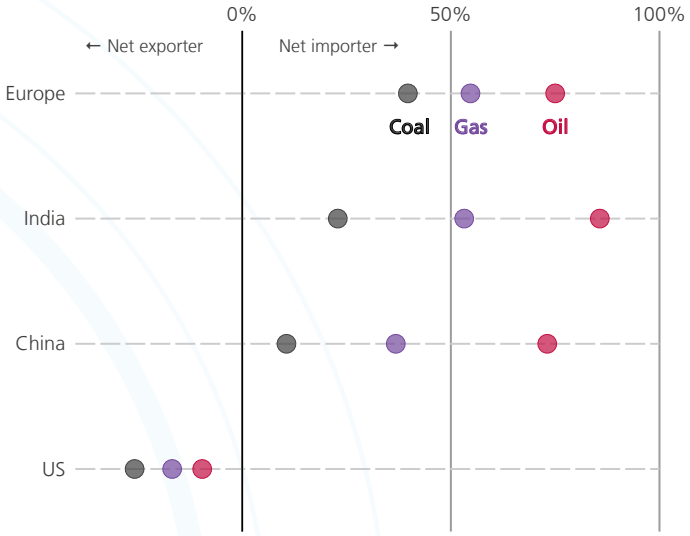
[1] 'China, the US and Japan hold the most strategic oil inventories in 2025', US Energy Information Agency (EIA).

India

India remains heavily reliant on imports for oil and gas. Domestic coal production has increased strongly since 2020, reaching a record 17.9EJ in 2025 and covering around 78% of demand, although India remained a net importer. In crude oil, dependence remained high. India is a major refining centre, accounting for around 4.7% of global capacity, and is a net exporter of oil products, particularly middle distillates and gasoline.

Many of the world's largest economies are highly dependent on imported fossil fuels

Import dependence by fossil fuel type (net imports as a share of annual consumption in 2025)



Insight 2:
Energy security in a changing world

How the 1970s oil shocks shifted energy patterns

The outbreak of hostilities in the Middle East in early 2026 led to the effective closure of shipping in the Strait of Hormuz, cutting off Persian Gulf oil and gas exports. Four years previously, war-related upheaval affected flows of natural gas into Europe following the Russian invasion of Ukraine. These incidents have reminded the world how closely energy is linked to geopolitics. But they are not unprecedented.

At this uncertain time, it helps to return to the lessons of the past, in the form of the historical data series from the Energy Institute *Statistical Review of World Energy*, and specifically to the huge effects of the twin oil shocks of the 1970s on the global energy system, which led to energy diversification.

Prior to those shocks, international oil trade, as well as refining and marketing in Europe and North America, were dominated by the 'Seven Sisters': Anglo-Persian Oil (BP), Gulf Oil, Royal Dutch Shell, the Standard Oil companies (of California, New Jersey and New York, later Chevron, Esso/Exxon and Mobil, respectively) and Texaco. They arranged oil prices on a long-term basis with exporting governments. This changed in October 1973 when the Organization of the Petroleum Exporting Countries (OPEC) decided to step in and set its own prices.

At that time, oil supplied 46% of the world's energy and OPEC supplied half the world's oil. These actions, following the Yom-Kippur War, led to an oil embargo being imposed by OPEC on many of the world's largest oil consumers, including the US, Japan, Canada, the UK and the Netherlands. This was followed by further increases to OPEC oil prices in December 1973. The outcome was the first oil shock of the 1970s.

A second oil shock in 1979, which occurred in the context of Iran's Islamic Revolution, severely disrupted global oil supply, sending prices climbing even higher. By 1980, the price of crude oil was 10 times higher than it had been at the start of the 1970s, adjusted for inflation.

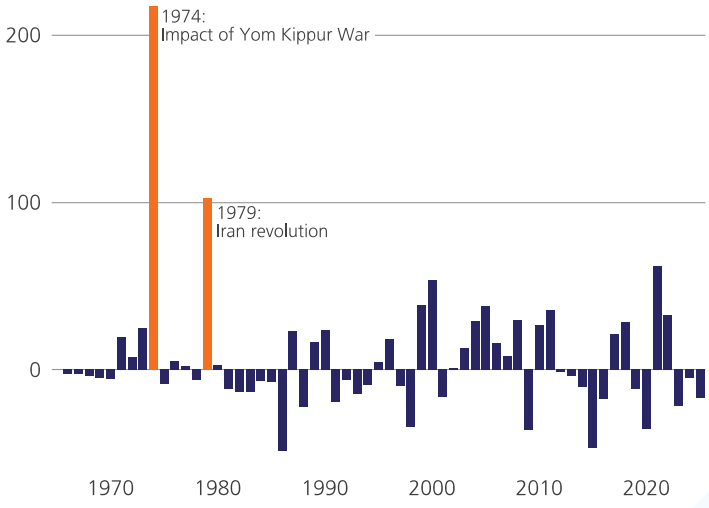
The impacts of these price shocks permanently altered the trajectory of global oil demand. Prior to 1973, global oil consumption had been growing by 7.8% per year. After the first oil shock this slowed to 2.2% per year – until 1979, when oil consumption saw a sudden decline followed by a prolonged period of recovery. It took 10 years for global oil consumption to return to 1979 levels. Had global oil demand continued to grow at its pace prior to 1973, it would have reached the 2025 level of oil consumption by the mid-1980s.

To strengthen their energy sovereignty, many of the world's largest oil consumers at the time restructured their energy systems, investing in other sources and efficiency (see chart, p9, bottom right).

But oil was affected too. Even in rapidly growing economies such as China, oil consumption was affected by the shocks, with the strongest growth occurring from 2000 onwards.

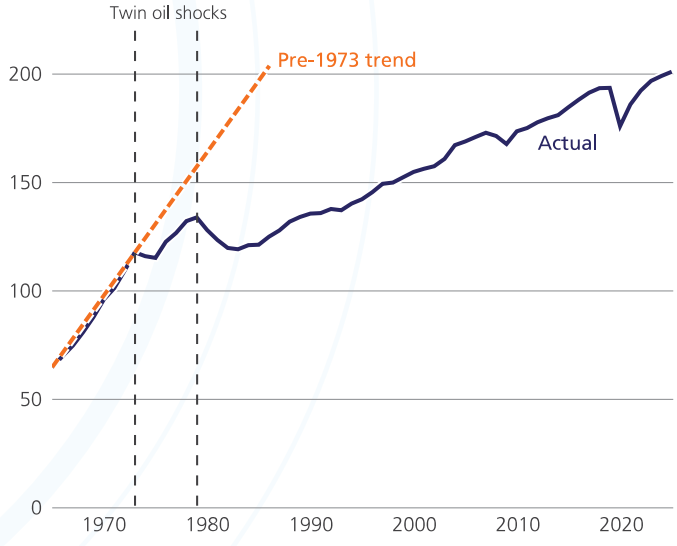
Successive shocks led to huge price swings for crude oil in the 1970s…

Year-on-year change in crude oil prices (%)



…permanently altering the trajectory of global oil consumption

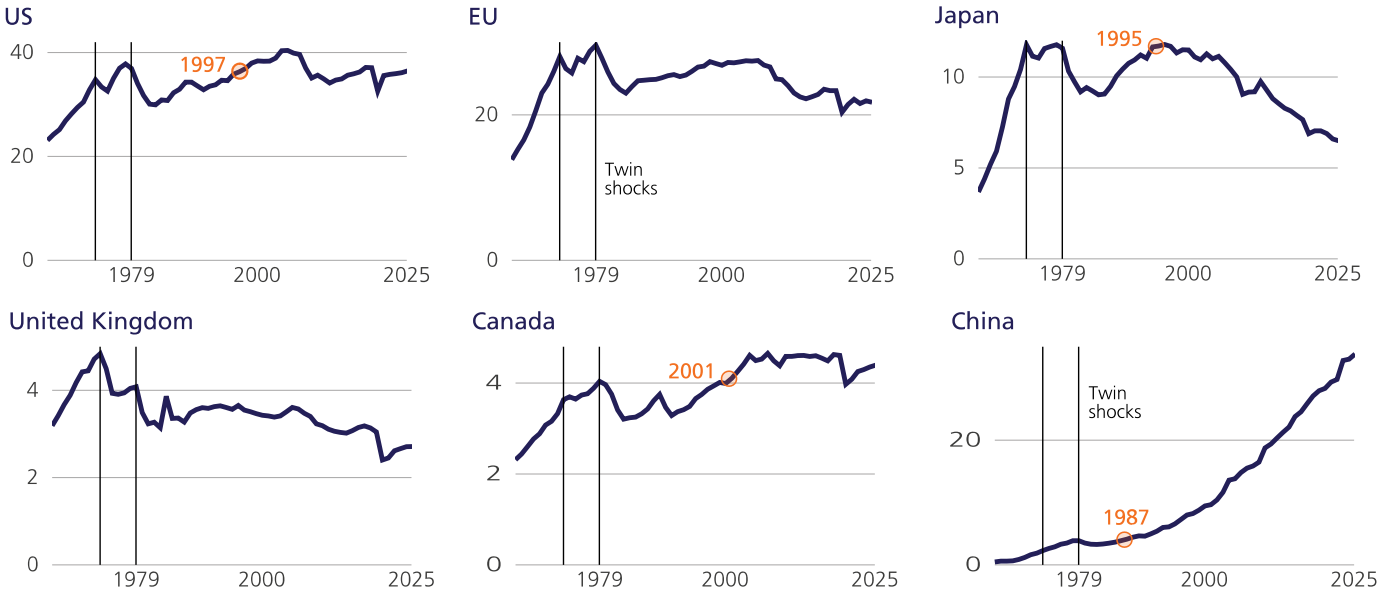
Global oil consumption (EJ)



Price data is constant USD 2024 (inflation-adjusted)

In many major economies, oil consumption took decades to return to levels seen in the 1970s. For some, it never did.

Oil consumption (EJ)

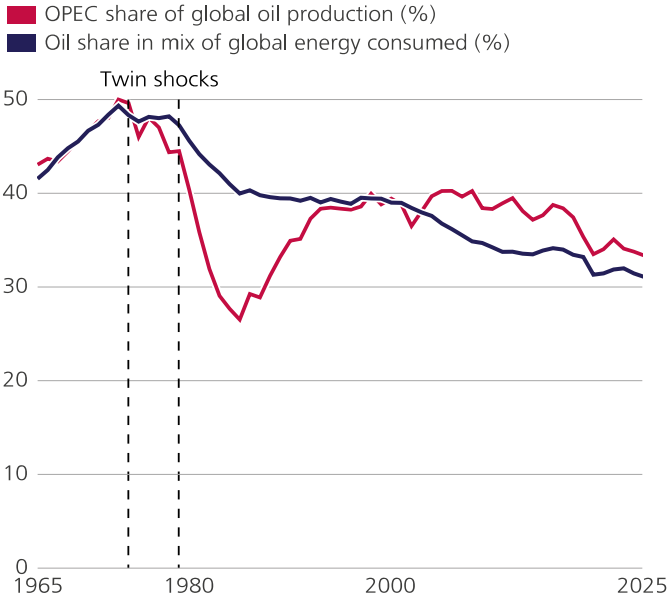


The sudden reduction in oil consumption was in part made up for by other sources, predominantly coal, gas and nuclear power. However, these gains did not fully compensate for the decline in oil consumption. In the EU, UK and Japan, which were responsible for 34% of global oil consumption in 1979, demand has still not exceeded the levels seen in 1979. In the US and Canada, it took 20 years for oil consumption to return to 1979 levels.

Given the abrupt emergence of the supply shock, much of the immediate response to high oil prices was seen on the demand rather than the supply side. The energy intensity of GDP, a measure of how much energy is needed to meet the needs of a growing economy, decreased by 3.3% in 1980 – still the largest change seen in a single year since the Statistical Review of World Energy data started in 1965.

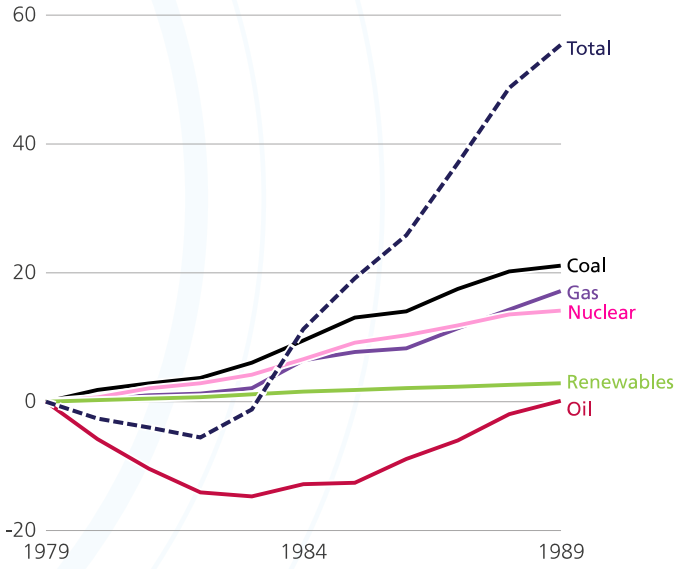
This fall came about as the result of significant behavioural change and demand destruction. In the longer term, fuel efficiency standards in the transport sector and the phase-out of oil generation in the power sector continued to reduce reliance on oil.

The 70s price shocks led to oil being a less dominant global energy source and OPEC's market influence diminished



After an initial gap in supply, coal, gas and nuclear replaced oil in the world's energy supply mix

Cumulative change in energy supply by source (EJ)



Insight 3:
Energy security in a changing world

Renewables as a tool for energy security

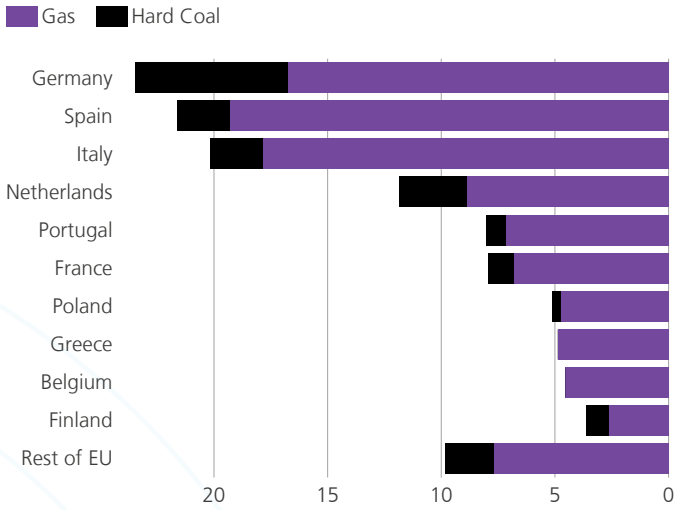
Today, countries have a wider range of solutions to reduce exposure to price shocks than in the 1970s (see article, pp8-9). Wind and solar power costs have declined over the past few decades, making them more cost-competitive compared to fossil fuels.

Following Russia's invasion of Ukraine at the start of 2022, the European Union accelerated existing plans to scale up its renewable energy capacity. Since then, development has been rapid: wind and solar power made up 30% of electricity supply in 2025, compared to 19% in 2021. This has displaced both coal and gas power, with gas generation falling by 15% in the same period, and coal by 38%. The accelerated deployment of wind and solar, plus supportive policy environments such as REPowerEU, meant that by 2025 the two sources generated 852TWh, more power than coal, gas and oil combined (760TWh).

The rapid build-out has shielded the region from paying additional costs for imported fossil fuels. Ember analysis has found that new wind and solar capacity deployed following Russia's invasion of Ukraine avoided €121bn of fossil fuel imports between 2022 and 2025, with the largest savings coming from Germany, Spain and Italy. The majority of this saving has come through avoided gas imports.

Wind and solar deployed since Russia's invasion of Ukraine has saved the EU €121bn from avoided fossil fuel imports in the last four years

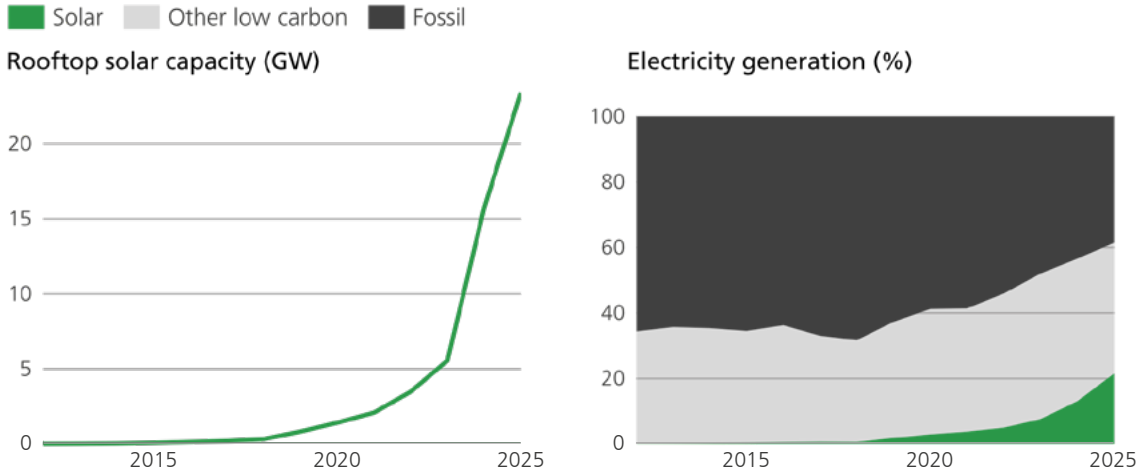
Avoided fossil fuel import cost due to added wind and solar, 2022-2025 (€ billion)



Source: Ember hourly generation and wholesale price data; Ember monthly capacity data, Eurostat, Montel. Assuming 50% efficiency for gas plant and 40% efficiency for coal. Uses Day Ahead TTF gas price where country exchange not available, and front month API2 for coal



Pakistan's rooftop solar revolution pushed solar to account for a fifth of its electricity generation in 2025



Rooftop solar capacity includes behind-the-meter and off grid solar capacity
Source: S&P Global Energy

Beyond the EU, the small-scale nature of solar photovoltaic (PV) systems has meant that the technology is increasingly deployed as a consumer-driven response to higher energy prices or unreliable electricity supply. The relative low cost and simplicity of installation makes the technology accessible to mass markets, which means that it can significantly change power systems within the space of a single year.

In Pakistan, behind-the-meter and off grid solar capacity now total 23.4GW, up from 2.1GW in 2021. This rapid scale-up was influenced by surging power prices in 2022 as the country struggled to secure LNG cargoes, combined with an already expensive and unreliable transmission system. At the same time, the price of solar panels had fallen dramatically, and Pakistan levied no tax on solar panel imports.

In just four years, Pakistan has shifted from generating 3% of electricity from solar to 22% (including behind-the-meter and off grid solar generation; see table, p72). This sudden transformation of the power system has led the government to cancel LNG cargoes scheduled for 2026-2027, and seek to renegotiate long-term contracts.



As variable renewables are increasingly deployed as an energy security tool, they bring a new set of priorities to address. In particular, the ability to manage and integrate sources of renewable supplies using flexible technologies becomes more important.

Battery storage still lags behind deployment of solar in many countries (see table, p65), but on the other hand it appears to be in a stage of explosive growth. Global installed battery capacity grew by 66% to 302GW in 2025. As that figure is an average, some countries' capacities are growing even faster. China, whose 144GW makes up just under half of the world's entire battery storage capacity, grew 81.7% year-on-year. Over the past five years, growth rates have been at similar levels, which explains why global battery capacity was 16 times smaller in 2020 than in 2025.

Beyond reducing the need for imported fuels in the power sector, electrification can enable newly-deployed generation to displace fuel demand in other sectors such as transport. Unlike fossil fuels, which depend on a continuous stream of imported fuel exposed to global commodity market pricing and geopolitical disruptions, once solar panels (for example) are imported, they then generate electricity for decades. However, this shift towards renewables and electrification introduces the risk of new trade dependencies. Supply chain resilience of both manufactured products and their critical material components remains a key priority as adoption of these technologies increases.

Insight 4:
Fuels and their uses by region

The changing drivers of global energy demand

In the last 60 years, the way in which the world meets its growing demand for energy has changed substantially. Before 1975, oil was the main supplier of energy growth, meeting 61% of the world's increase in energy supply between 1966-1975. The decade that followed the oil shocks of the 1970s saw a pronounced shift towards other sources, with oil consumption growth slowing considerably between 1976-1985 (see also article, pp8-9).

After two decades of lower growth in total energy supply (TES), 1996-2005 saw a steep increase, driven by China's rapid industrialisation. In this decade, coal became the dominant source of energy supply growth.

The last two decades have seen a new driver of global energy supply growth as renewable sources have grown in scale. Between 2016 and 2025, renewable sources (including hydro) supplied 30% of the increase in global TES, compared to less than 5% two decades earlier. Gas has delivered an equivalent amount of additional energy supply over the last 10 years, bolstered by the rise of LNG trade and increasing gas demand in the US.

The shift towards renewables continued to gather pace in 2025, when they became a larger source of new energy supply than either coal, oil or gas.

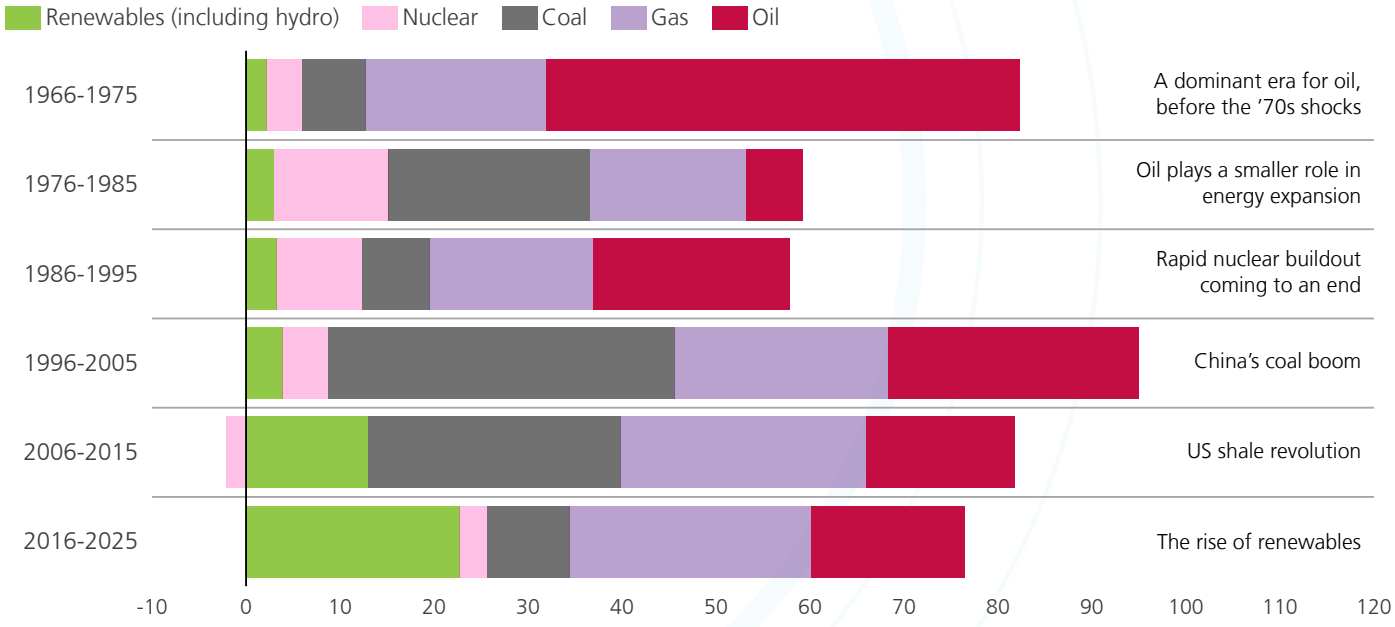
Excluding the COVID-19 pandemic in 2020 and global financial crash in 2008, it is the first time this century that the largest driver of TES growth has not been either coal, oil or gas.

Changing regional drivers

In the same period, the geographical centre of the global energy system has shifted, as emerging economies have grown in scale. In 1965, OECD economies made up 70% of TES, despite making up only a quarter of the world's population. Whilst OECD economies still have higher per capita TES than non-OECD economies, they now only make up a third of the world's total energy supply.

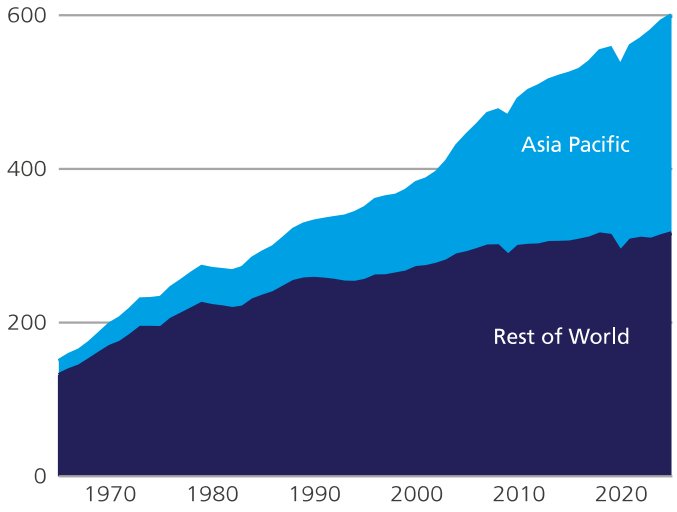
The emerging economies that have grown the most are located in the Asia-Pacific region. Without the growth in this part of the world, current TES would be similar to levels seen in 2018. Two countries in particular stand out: India and China. From 2016-2025, China was responsible for 71% of the increase in the region's TES, while India accounted for 17%.

The way the world meets global energy demand growth is shifting
Change in total energy supply by decade and per fuel source (EJ)



Asia Pacific has made up almost all the growth in global energy demand in the last decade

Total energy supply by region (EJ)



Changing end uses and electrification

Electricity plays an increasingly important role in meeting the world's energy needs, and has grown faster than TES in all but two years this century. A proxy for the rate of global electrification has been made by calculating electricity generation as a share of total energy supply.* By this measure, electricity generation is 19% of global TES. While this share has risen globally over the last decades, there has been much faster growth in the Asia-Pacific region with many economies now more electrified than OECD counterparts. This regional shift is underpinned by rapid progress in China, where the share of electricity in TES has almost doubled since the turn of the century, reaching 24%.

A growing contributor to the growth in electrification is the transport sector. Internal combustion engine vehicle sales have been falling since 2017 and more than a quarter of new cars sold globally in 2025 were electric, a year-on-year increase of 21% and up 220% since 2021.[1] In terms of absolute size, China remains the largest electric vehicle market, accounting for 60% of electric vehicles sold globally in 2025. Regionally, South East Asia has seen one of the sharpest rises in EV uptake, with Singapore and Vietnam reaching shares of around 40% and Indonesia achieving a 125% increase in electric car sales in 2025.

Data centres are another growing driver of electricity demand growth, and feature in a new table this year (see p64). Global electricity consumption for data centres in 2025 was 788TWh, with 40% of this in the US.[2]

Non-thermal forms of generation and consumption, such as renewables and electric vehicles (EVs), eliminate the losses that come from converting thermal energy into other forms. The Energy Institute *Statistical Review of World Energy* estimates the average efficiency of thermal generation to be 41%, while wind and solar are treated as 100% efficient. This means that had the 2025 increase in electricity demand that was met by wind and solar power been met by fossil fuels instead, it would have required more than double the increase in total energy supply. A further efficiency gain comes from how today's electricity is used. Whilst a typical electric vehicle is 77% efficient, gasoline vehicle efficiency ranges from 12-30%.[3] This substantial difference in efficiency means today's EV fleet would on average require more than three times as much energy if it was powered by gasoline.

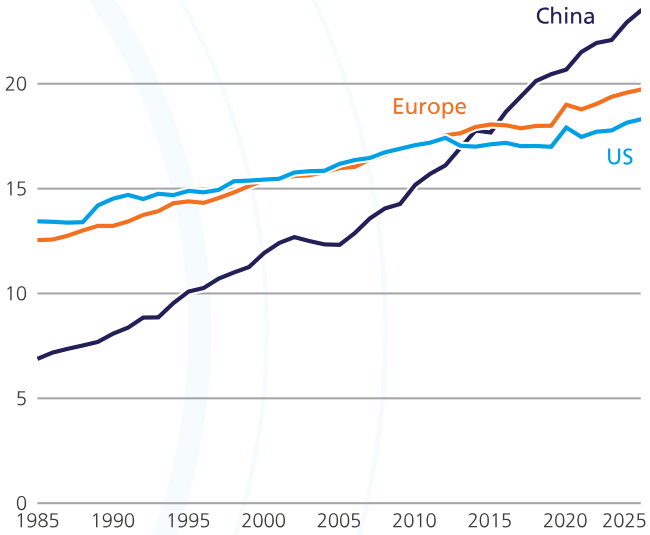
To highlight this distinction, the term 'useful energy' defines the amount of energy actually required by consumers (for example moving a car, heat for industrial processes, lighting). Due to energy losses in refining, generation, transportation and end use stages, only a third of the world's total energy supply is currently converted into useful energy services.[4]

*Applying final energy data (which is not tracked by the Statistical Review) instead of TES, would show higher progress overall and slower progress in Europe and the US.

[1] *Global EV Outlook 2026*, International Energy Agency
[2] S&P Global Energy
[3] 'All-Electric Vehicles' from *Fueleconomy.gov*
[4] Primary, Final and Useful Energy Database from *iiasa.ac.at*

China has electrified more quickly than Europe and the United States

Electricity generation as a share of total energy supply (%)



This data is a proxy for electrification rates, normally calculated using final energy consumption.

Insight 5:
Economic development and energy consumption

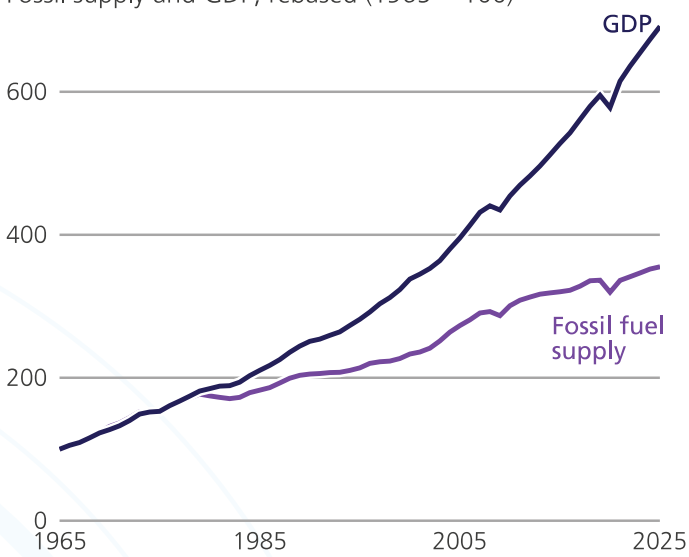
Are countries weakening the link between fossil fuels and economic growth?

Global consumption of fossil fuels continued to rise in 2025, with coal consumption growing by 0.7%, gas consumption by 1.6% and oil by 1.3%. But the extent to which economic growth relies on growth in fossil fuel supply is weakening. Prior to 1979, economic growth, measured in gross domestic product (GDP), moved in lockstep with growth in fossil fuel supply. Since then the two series have decoupled. In the last decade, fossil fuel consumption has grown at an average growth rate of 1% per year, while GDP has grown by 2.7%. Policies to improve efficiency in end-use sectors (especially transport), combined with the phaseout of more inefficient fossil generation in the power sector, have helped drive this decoupling, with sources of renewable supply playing more of a role in meeting growing total energy supply in the last two decades (see also p13). The shift towards the services sector playing a larger role in the global economy has also reduced the overall energy intensity of GDP.

Analysis by region over the last decade paints a varied picture, with fossil fuel consumption already flat or falling in some regions. In Europe, fossil fuel consumption has fallen by 15%. In North America it has grown by 1%, although this masks a switching from coal to gas in the US over the same period. In South and Central America it has fallen by 4%, helped by the growth of renewables in key markets like Brazil. Africa's fossil fuel consumption has increased by 19%, but from a very small base.

Global fossil fuel growth is slowing while GDP continues to grow, having started decoupling in 1979

Fossil supply and GDP, rebased (1965 = 100)

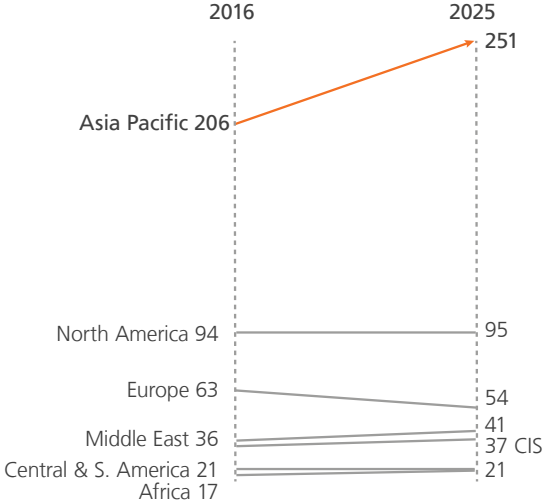


Source: World Bank
Global GDP is at constant 2015 USD prices. Fossil fuel demand refers to total energy supply from fossil fuels.

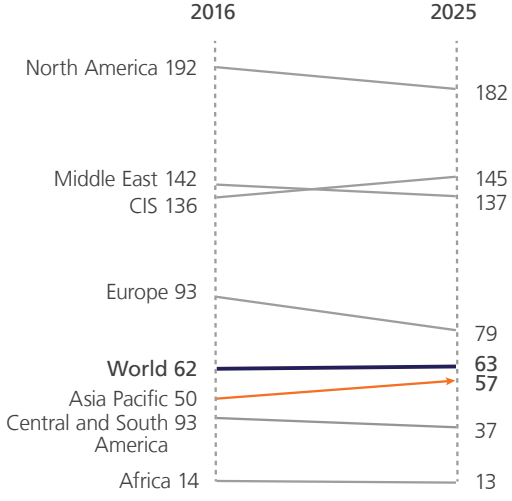
Almost all of the growth in fossil fuel consumption in the last decade has taken place in the Asia-Pacific region. Global fossil fuel consumption grew by 47.8EJ in the period from 2016-2025, with Asia-Pacific alone growing by 44.5EJ.

Asia Pacific has made up almost all the growth in global fossil consumption in the last decade, but is still below the world average on a per capita basis

Fossil fuel consumption (EJ)

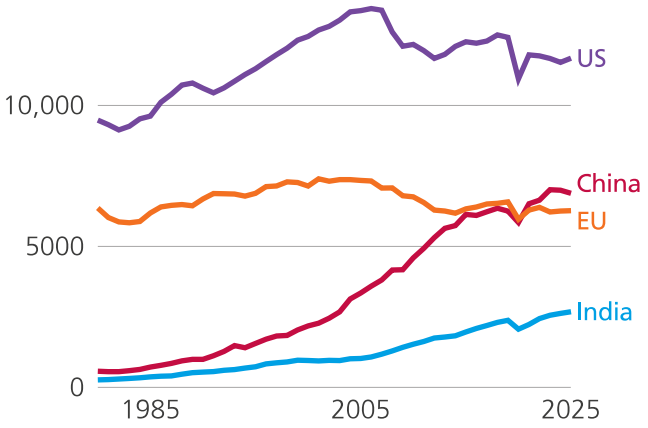


Fossil fuel consumption per capita (GJ)

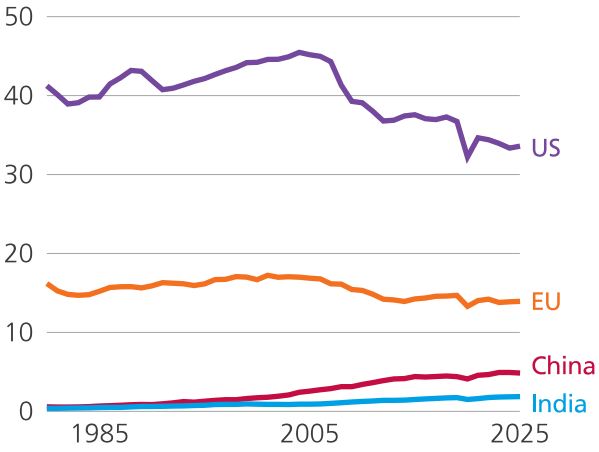


Road fuel demand is plateauing in China, and remains six times lower than US on a per capita basis

Road fuels consumption (kbd)



Road fuels consumption per capita (kbd per million people)



Road fuels is the aggregate of gasoline and diesel and gasoil consumption

However, the picture looks different when accounting for population size. On a per capita basis, Asia-Pacific fossil fuel consumption was 57GJ in 2025, below the world average of 63GJ. The three regions with the largest per capita fossil fuel consumption were North America, CIS and the Middle East.

The pace at which fossil fuel consumption patterns are shifting varies by sector. Growth in road fuel consumption (road fuel is the aggregate of gasoline and diesel/gasoil consumption) is increasingly limited due to the uptake of new electric vehicles (EVs). China has historically seen the largest growth in demand for road fuels of any country, but in recent years it has begun to plateau, falling slightly in each of the last two years.* This is in part due to increased adoption of EVs as well as build-out of public transport and high-speed rail.

Notably, this plateau in China has taken place at a much lower level in per-capita terms than in other countries. In 2025, Chinese road fuel consumption per capita was one third that of the EU, and six times lower than the US.

*Undisclosed gasoline and diesel from China's semi-official 'teapot' refineries complicate the picture. The Energy Institute Statistical Review of World Energy cannot determine end-use trends based on their output.



Regional overview

Regional energy systems remained highly differentiated in 2025, reflecting varying stages and approaches to the energy transition and differing interpretations of energy security.

The Asia-Pacific region remained by far the largest energy-consuming region in 2025, accounting for around 47% of global total energy supply (TES; comprising 40% Other Asia-Pacific[1] and 7% South Asia). The region remained heavily coal-dependent, consuming over 138EJ and representing approximately 83% of global coal use, driven largely by China and India. At the same time, it was the global centre of renewable expansion, with renewables growing by 16% year-on-year (14.9% in Other Asia-Pacific and 27.2% in South Asia), accounting for nearly 6% of the region's energy mix and around 46% of global renewable energy supply. Consequently, the Asia-Pacific region remained both the largest source of renewable growth and the largest consumer of coal globally. Nuclear also played a meaningful role, accounting for 3.3% of the regional mix and nearly 30% of global nuclear output in 2025, with growth of 4% year-on-year and 7.2% over the last decade.

Europe presented the most diversified energy mix and the clearest case where renewable growth is displacing fossil fuels. Renewables accounted for 11% of the region's total energy supply in 2025, growing at an average rate of 5.4% over the past decade, while all other energy sources broadly stagnated or declined. Europe accounted for 22.3% of global renewables consumption, making it the second-largest regional contributor after Asia. Nuclear energy played a slightly declining role, accounting for 11% of the regional mix and around 27% of global nuclear output, with a year-on-year decrease of nearly 0.6% and a longer-term decline of around 2% over the past decade. Oil remained the largest energy source at 40%, followed by gas at 24% (stagnating long-term), underlining the challenge of decarbonising transport and industry.

North America remained firmly anchored in oil and gas, which together supplied more than three-quarters of the region's energy. This was underpinned by abundant domestic resources, particularly US shale production. However, longer-term dynamics were more nuanced: oil has been broadly flat over the past decade, gas has grown modestly at around 2% and coal consumption fell 5.9% in the past 10 years. Renewables, still only around 6% of the mix, are the only consistently expanding source, growing at nearly 5% annually over the past decade. North America also played a significant role in nuclear energy, accounting for more than 30% of global nuclear output, although growth has been broadly flat in recent years, but still representing around 9% of the region's energy mix.

The CIS region remained broadly stable, with TES rising by just 0.7% year-on-year. It was the world's most gas-intensive system, with gas accounting for 54.5% of the mix, but growing only modestly at 1.7% over the past decade. Oil also remained resilient at 23%, rising slightly (1.2%), while coal showed signs of plateauing, having declined marginally (0.4%) to around 13.5% of the region's mix. Renewables expanded rapidly (23%) but remained structurally marginal at around 0.4%. Nuclear continued to strengthen, rising 2% to 6.4% of the region's mix and around 8% of global nuclear supply.

The Middle East remained one of the most hydrocarbon-dependent regions globally, with oil and gas together accounting for more than 97% of TES in 2025. Natural gas was the largest source (53%), followed by oil (44%), with both maintaining long-term structural dominance. Despite recording the fastest renewable growth globally (39% year-on-year), renewables still accounted for less than 1% of energy supply. Nuclear also remained small at just over 1%.

The South and Central America region stood out for the opposite reason: its share of low-carbon energy was relatively high. Renewables accounted for 13.5% of the energy mix, expanding at an average annual rate of 6.3% over the past decade, while hydro contributed a further 10%, reflecting strong natural endowments. Together with nuclear, low-carbon sources accounted for nearly one-quarter of energy supply, broadly comparable in scale to Europe but with a different composition. Nevertheless, oil remained dominant at 48.5% in 2025, followed by gas at 22.5%.

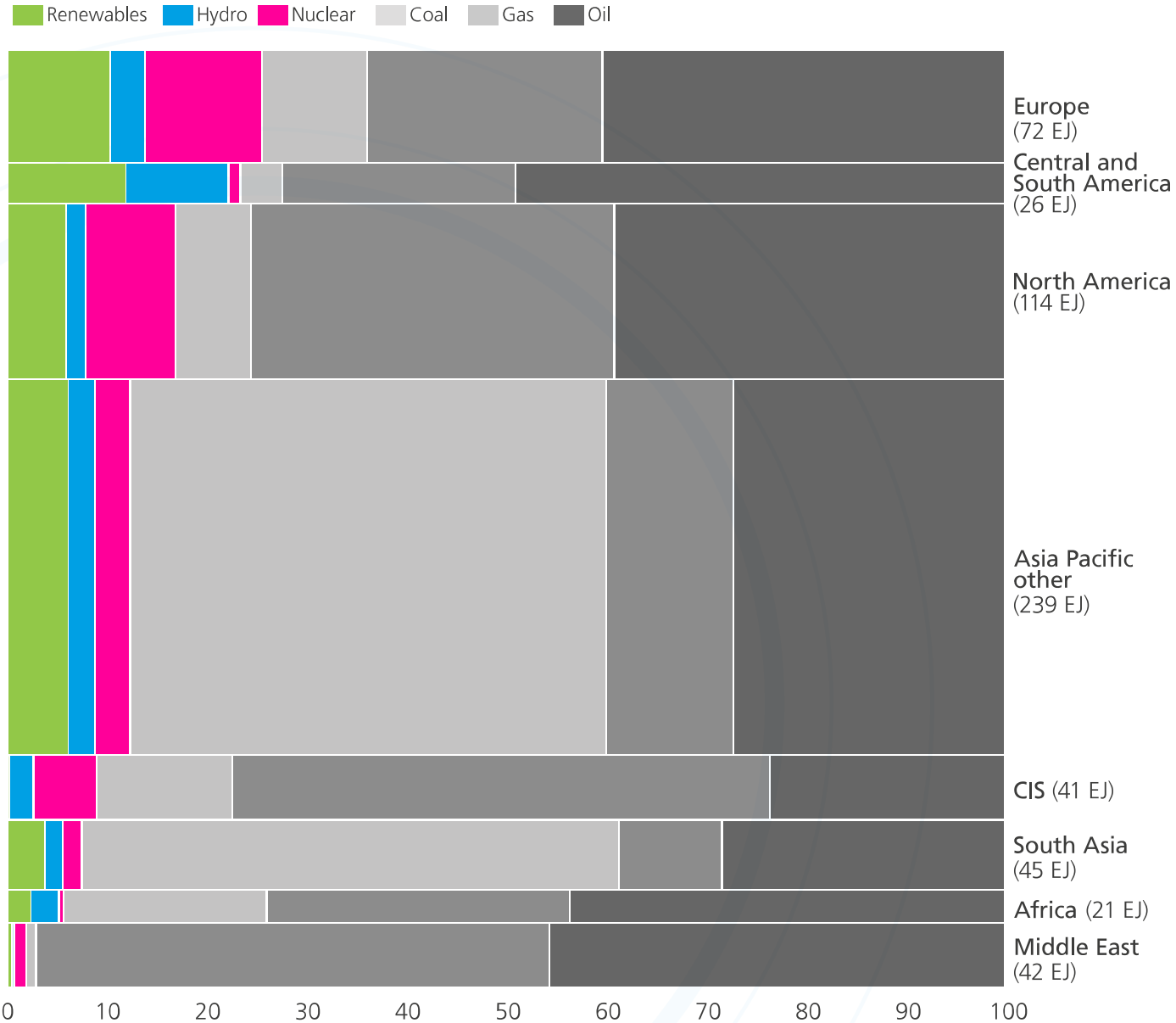
Africa remained the smallest energy-consuming region though recorded the fastest growth in TES at 5% year-on-year. The mix remained fossil-heavy, with oil at 43%, gas at 30%, and coal still above 20%. At the same time, low-carbon sources expanded from a low base, with renewables rising 11% and hydro 10%, alongside nuclear growth but from a minimal starting point.

Overall, the 2025 data point to a fragmented global energy landscape, with increasingly divergent regional transition pathways driven by resource availability, geopolitics and varying stages of development.

[1]Other Asia-Pacific countries include: Australia, China, Hong Kong SAR (China), Indonesia, Japan, Malaysia, New Zealand, Philippines, Singapore, South Korea, Taiwan, Thailand, Vietnam.
South Asia countries include: Bangladesh, India, Pakistan, Sri Lanka.

A regional breakdown of the 2025 global energy system

Length of the bars = share of total energy supply per region (%); height of the bars = total energy supply (EJ)
Global energy system = 600 EJ



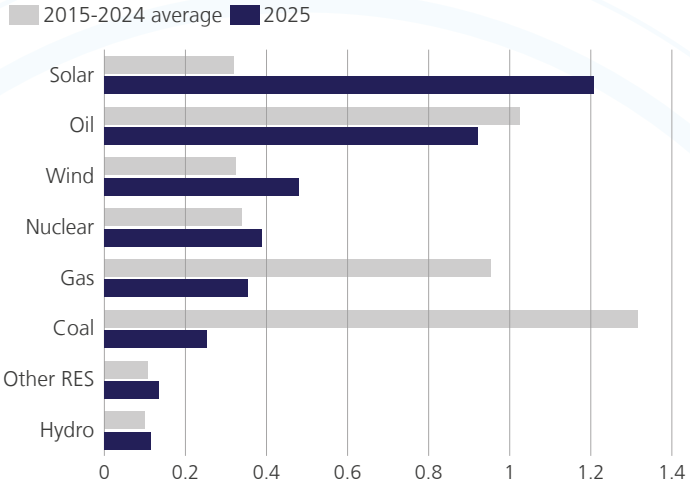
Country profile: China

China continues to shift global energy landscape as the world's largest electrostate

The growth of China's energy demand has historically gone hand-in-hand with rising coal consumption, but 2025 was the first year in a decade where coal consumption remained flat (adjusted for the leap year, as annual changes are throughout this report, this would have grown by 0.3%). This was accompanied by a record rise in solar generation, which increased 40% year-on-year (336.5TWh), combined with strong wind power growth (13%, 133.6TWh), to see a fall in coal-fired power generation. That, plus a drop in coal use for steel, offset small rises in coal consumption in other sectors.

In 2025, China saw rapid solar growth, with oil the second largest source of energy supply growth

Annual change in energy consumption (EJ)



Note: Absolute changes are adjusted for leap years.

Rise of 'new three' industries

China's recent economic development has seen a shift away from the rapid growth achieved through heavy industrialisation towards a focus on advanced manufacturing and innovation, alongside accelerated deployment of its 'new three' technologies: solar, batteries and electric vehicles (EVs). In 2025, China deployed 315GW of solar (triple Germany's total installed solar capacity), while EVs exceeded 50% of new car sales annually for the first time. As the world's largest clean technology manufacturer, Chinese companies are looking to tackle domestic oversupply by increasing exports, with particularly strong growth among emerging markets seen in 2025.

Power system integration

China's rapid rise in variable renewables has led to an increased focus on system integration through, for example, new market-based arrangements for wind and solar projects introduced in 2025 and a shift in coal's role in the electricity mix from baseload to flexible. By mid-2024, 360GW of coal generation capacity had been retrofitted to provide flexibility services, alongside a target for retrofitting the entire fleet by 2027. Furthermore, lithium-ion energy storage capacity increased by 81% from 2024 to 2025 (see also table, p65).

Chinese oil consumption increased by 2.8% in 2025. Growth in oil consumption is now coming from outside the transport sector, as EVs have curbed diesel and gasoline demand. In the 10 years prior to 2023, these fuels were responsible for a fifth of the growth in China's oil consumption, which on average grew by 4.7% per year over that period.

Across the Asia-Pacific region as a whole, reported gasoline and diesel consumption have remained flat over the last two years, with overall oil consumption growing at a slower pace of 1.7% per year. The chemicals sector is now a major driver of both coal and oil consumption growth in China.

Reducing import dependence

China's coal, gas and oil production all increased in 2025, reflecting a continued priority of self-sufficiency. China's coal imports decreased by 10%, whilst its domestic production increased by 1.7%. Despite record levels of production, China was dependent on imports for 37% of its gas supply needs, whilst also being the world's fourth largest gas producer. Chinese refining capacity remained the largest in the world, whilst being dependent on imports for 73% of its oil.

Country profile: US

US cements its position as an oil and gas exporter

The shale revolution has fundamentally reshaped the country's external position, turning the US from a major importer of oil and gas into a net exporter. At the same time, its domestic energy mix has been rebalancing.

Energy demand in the US rose again. Total energy supply (TES) increased by 2.2% in 2025, contrasting with a broadly stable long-term trend of just 0.25% average annual growth over the past decade.

Oil remained the largest component of TES, accounting for around 39%, but its role has largely plateaued. Natural gas accounted for approximately 35% of TES; however, unlike oil, gas has been the most dynamic fossil fuel on the demand side, with a 10-year growth rate of 2.1% and continued growth of 1.6% year-on-year in 2025.

Coal accounted for just over 9% of TES, reflecting a clear long-term decline despite a short-term rebound of around 10% year-on-year. By contrast, renewables continued to expand rapidly, driven primarily by wind and solar. Nuclear energy contributed approximately 10% of total energy supply and remained broadly stable.

Energy export superpower

The US position as a net energy exporter is underpinned by strong oil and gas production. In 2025, the country remained the world's largest oil producer at 21mmbpd, accounting for around 21% of global output, comparable to the combined production of Saudi Arabia and Russia.

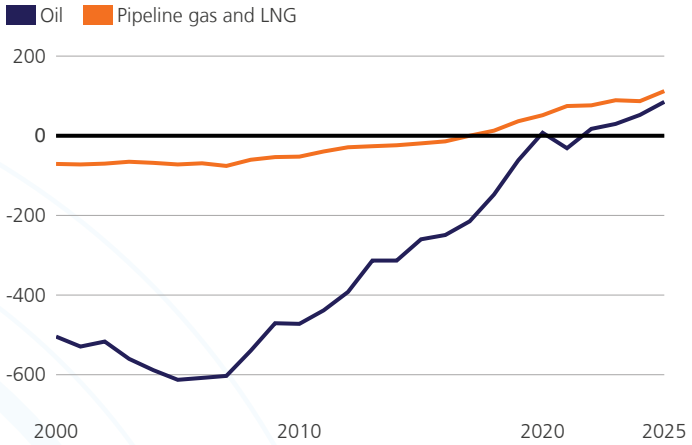
Natural gas output has expanded in parallel, reinforcing the US position as the world's largest producer at 1,074bcm, equivalent to approximately 30% of global production and on par with the combined production of Russia, Iran and China.

Linking domestic oil and gas markets to global energy security dynamics, the US has consolidated its position as a leading global energy exporter. It accounts for 25.5% of global LNG exports, with volumes reaching 147bcm in 2025, reflecting the rapid expansion of LNG export capacity over the past decade.

Crude oil and refined products have also become an important part of this external shift, with the US maintaining strong export flows of crude oil, gasoline, diesel and other petroleum products to global markets, totalling 9.8mmbpd of oil exports. The US reinforced its dominance as the world's top exporter of oil products, capturing 23% of global trade.

The US established itself as an even bigger exporter of oil and gas in 2025

Net exports of oil and gas (million tonnes)



Pipeline gas volumes have been converted from bcm to million tonnes of LNG equivalent for comparability

Renewables expansion

US electricity generation increased by 3.2% to reach 4,772TWh in 2025, a marked acceleration relative to its long-term trend, which reflects growing demand from electrification and data centres.

The most significant structural shift continues to be the expansion of renewable energy. Renewables accounted for 19.4% of total generation in 2025 and remained the fastest-growing source of electricity supply in the last decade.

Natural gas remained the dominant source of electricity, supplying 40.7% of total output, while coal accounted for 16.9% despite its continued long-term decline. Nuclear power provided a stable 17.3% share of generation.

Country profile: India

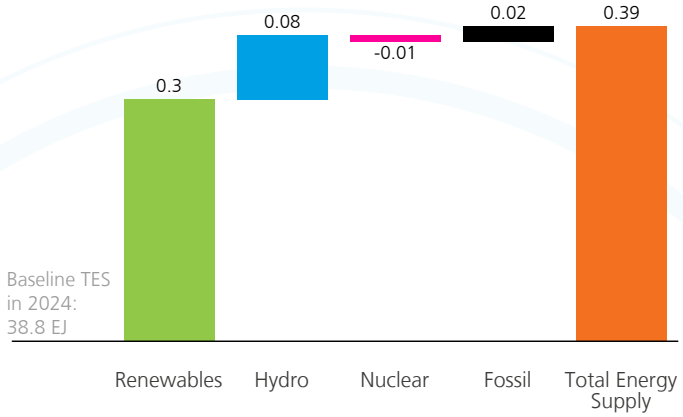
Heavy consumer of fossil fuels sees renewables rise

Fossil consumption flat in 2025

Fossil fuel consumption still dominates in India, making up 93% of total energy supply, although 2025 marked its lowest market share in the Energy Institute *Statistical Review of World Energy* dataset (which goes back to 1965). In 2025, coal was the main source of energy (59%), followed by oil (28%). In contrast to historical trends, the year saw no overall growth in India's fossil fuel consumption, with gas consumption falling by 5.9%, coal consumption growing by only 0.6%, and oil by 0.3%.

Lower demand growth and strong renewables rise meant fossil consumption stayed broadly flat in India

Change in total energy supply (EJ)



Note: Absolute changes are adjusted for leap years. Fossil includes coal, oil and gas

Mild weather and renewables growth reduce power demand

The cause of this was a mixture of weather-driven and structural effects. The largest factor was milder temperatures during the monsoon season, which substantially reduced cooling demand, and therefore electricity demand growth.

Alongside this, India set new records for wind and solar generation growth, while good hydro conditions further boosted renewables' output. India's behind-the-meter solar capacity increased by 40% year-on-year to reach 43.6GW, which was the largest increase seen anywhere outside China in 2025 (see also table, p72). These factors combined led to a 3% fall in coal generation and a 15% fall in gas generation.

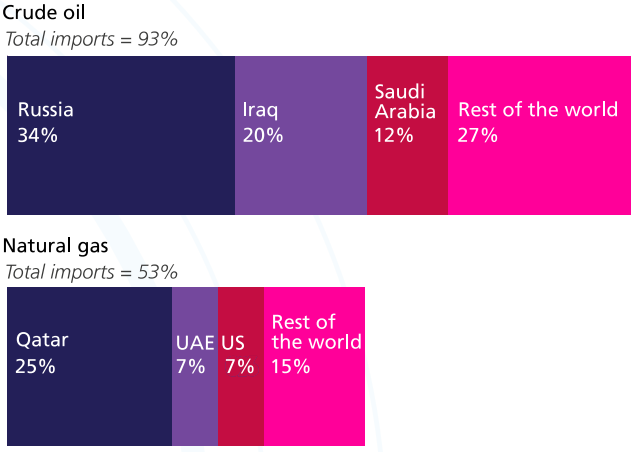
Lack of transmission infrastructure prevented further integration of renewables, following rapid increases in capacity in the last five years.

Crude and gas dependence

In 2025, gas production fell by 1.1bcm (3.5%), and gas imports fell by 3bcm (7.9%), reflecting lower gas demand. India remained a major importer of gas, with 53% of India's gas supply needs being met by imports in 2025, 60% of which came from Qatar and the United Arab Emirates (UAE). In absence of significant domestic oil reserves, India imported 90% of its crude oil. Russia was India's largest supplier of crude oil, making up a third of its imports, while a further 48% came from the Middle East. In contrast, India's significant refining capacity made it a net exporter of refined oil products, with Europe and other Asia-Pacific countries the largest destinations. Domestic oil production fell by more than 1% in 2025.

India is highly reliant on imports to satisfy its oil and gas demand

Imports, by origin, as a share of consumption (%)



Region profile: EU

Choosing decarbonisation for energy security

The EU energy system of 2025 was fundamentally different from that of 2022, the year of the full-scale Russian invasion of Ukraine. Since then, reduced reliance on Russian fossil fuels and a rapid expansion of renewable electricity have reshaped the overall energy mix.

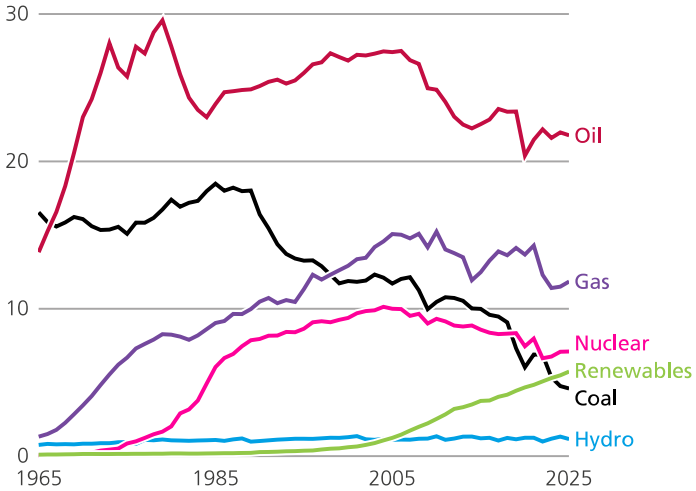
By 2025, the EU energy system had largely stabilised after the 2022-2023 energy crisis. Total energy supply (TES) reached 52.2EJ, up 0.5% compared with 2024. The energy mix remained dominated by oil (42%), followed by gas (23%) and nuclear (14%). Renewables contributed 5.7EJ (11%), while coal and hydro accounted for 4.6EJ (9%) and 1.2EJ (2%), respectively.

A clear long-term divergence has emerged across energy sources. Renewables have been the only major energy source with sustained expansion over the past decade. This highlights a gradual contraction in total energy use alongside a shift in the mix towards cleaner sources.

Following that trend, in 2025 renewables also recorded strong TES growth of 5% year-on-year. Despite its long-term negative trajectory, gas also increased by 3.3%. Over the past year declines were recorded by oil (0.6%), coal (3.2%) and hydro (12.5%).

Renewables are carving out a space in the EU's system

Total Energy Supply (EJ)



Russian dependence to diversified imports

One of the EU's most significant energy policy shifts since 2022 has been the sharp reduction in reliance on Russian energy. In 2021, Russian pipeline gas imports made up about 40% of all Europe's gas imports. By 2025, pipeline gas imports had declined to 3.3%, amounting to 4.3bcm. Alongside that, in 2025 Russia supplied 20.3bcm of LNG, amounting to 14% of LNG imports. The EU replaced them with diverse sources, mainly US LNG (81.6bcm, 56% of LNG imports) and Norwegian pipeline gas (86bcm, 66% of pipeline imports).

While import sources have shifted, the EU remains structurally dependent on external suppliers for LNG, oil and critical minerals, indicating that energy security challenges have evolved rather than disappeared.

Renewables become the backbone of power

EU electricity generation reached 2,854TWh in 2025, up 1.9%, while remaining broadly stable over the past decade (-0.16%). The generation mix continued to shift towards cleaner sources, with renewables leading at 35.6%, followed by nuclear (22.8%), gas (17%), hydro (11.2%), coal (9.6%), and oil (1.25%).

Driven by solar power generation additions of 65TWh, renewables recorded the strongest absolute growth, increasing by 60TWh. Gas increased by 11.7% in contrast, although that far exceeded its decade-long trajectory (2%). In contrast, coal (-3.6% in 2025; -9.4% long-term) and oil (-17.7%; -5% long-term) continued their structural decline. Nuclear generation remained broadly flat at 0.5%, above its decade-long declining trend (-1.9%). Hydro output fell in 2025 due to weather conditions.



Total energy supply and carbon

Energy growth of 1.7% led to a 1.1% rise in emissions

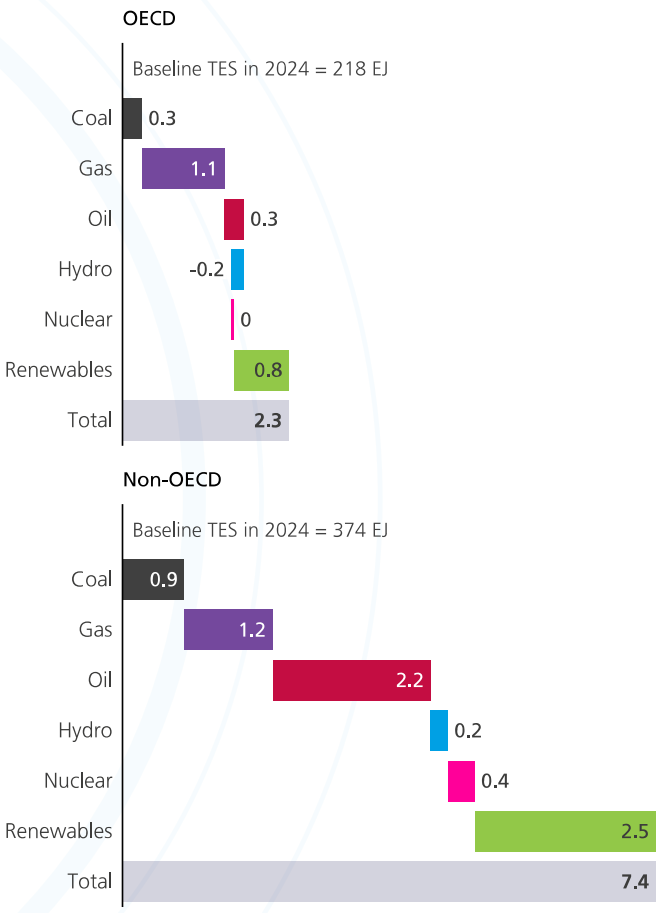
Total energy supply (TES) topped 600EJ in 2025, a rise of 1.7% over 2024. That rate was comparable with the 2023-2024 increase, but above the 10-year average. Renewables were the largest contributor to TES growth, expanding 10% year-on-year. 2025 marked the first time outside of a recession that the largest source of TES growth was not coal, oil or gas.

Comparing 2025 to 2024, tthe TES of non-OECD countries grew more than three times that of OECD, to 380EJ.

Global CO_2 emissions from energy, gas flaring and methane rose by 1.1% to 41,000 million tonnes of CO_2. Remarkably, just over a third (36%) of that rise was in the US. Its year-on-year growth in emissions (3.2%) was almost three times the global growth (1.1%). The only region that exceeded that rate was Africa, which is growing from a small base (and amounts to less than a fifth of North America's total energy supply). In 2025, the Asia-Pacific region improved the carbon intensity of its energy production, but remained the world's greatest emitter, with 54% of global emissions from energy (19,200 million tonnes of CO_2).

Renewables and oil were the main drivers of energy supply growth in non-OECD countries in 2025

Change in energy supply (EJ)



Note: Absolute changes are adjusted for leap years.

Total energy Supply*

Exajoules	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	12.12	11.98	12.14	12.38	12.34	11.48	11.62	11.88	11.82	11.88	**12.06**	1.8%	-0.1%	2.0%
Mexico	7.87	8.03	8.18	8.07	7.83	7.15	7.44	7.75	7.95	7.88	**7.83**	-0.4%	-0.1%	1.3%
US	91.53	91.12	91.04	94.38	93.54	86.19	90.76	92.22	91.16	92.04	**93.83**	2.2%	0.2%	15.6%
Total North America	**111.52**	**111.12**	**111.36**	**114.83**	**113.72**	**104.81**	**109.81**	**111.85**	**110.93**	**111.81**	**113.71**	**2.0%**	**0.2%**	**18.9%**
Argentina	3.32	3.36	3.30	3.28	3.13	2.92	3.22	3.35	3.30	3.19	**3.15**	-0.9%	-0.5%	0.5%
Brazil	10.40	9.92	10.04	9.93	10.13	9.55	10.26	10.31	10.58	10.97	**11.19**	2.3%	0.7%	1.9%
Chile	1.32	1.41	1.45	1.50	1.52	1.39	1.51	1.56	1.50	1.50	**1.52**	1.2%	1.4%	0.3%
Colombia	1.54	1.69	1.64	1.69	1.73	1.57	1.68	1.85	1.85	1.86	**1.78**	-3.8%	1.5%	0.3%
Ecuador	0.60	0.58	0.58	0.62	0.62	0.52	0.62	0.66	0.69	0.70	**0.71**	2.0%	1.8%	0.1%
Peru	0.86	0.92	0.91	0.95	0.98	0.84	0.98	1.02	1.05	1.13	**1.14**	1.4%	2.8%	0.2%
Trinidad & Tobago	0.80	0.70	0.75	0.70	0.70	0.61	0.62	0.62	0.59	0.58	**0.54**	-6.7%	-3.8%	0.1%
Venezuela	3.03	2.81	2.71	2.24	1.99	1.49	1.77	1.91	2.08	2.06	**2.03**	-1.2%	-4.0%	0.3%
Central America	1.22	1.27	1.29	1.31	1.43	1.20	1.34	1.38	1.45	1.50	**1.54**	3.0%	2.4%	0.3%
Other Caribbean	1.58	1.63	1.58	1.63	1.60	1.45	1.48	1.48	1.49	1.53	**1.58**	3.9%	†	0.3%
Other South America	0.82	0.88	0.89	0.91	0.89	0.81	0.87	0.90	0.95	0.96	**0.97**	1.4%	1.7%	0.2%
Total S. & Cent. America	**25.49**	**25.17**	**25.13**	**24.76**	**24.70**	**22.36**	**24.34**	**25.04**	**25.54**	**25.98**	**26.16**	**1.0%**	**0.3%**	**4.4%**
Austria	1.16	1.19	1.22	1.20	1.24	1.14	1.18	1.11	1.10	1.12	**1.10**	-1.4%	-0.6%	0.2%
Belgium	2.35	2.57	2.59	2.55	2.65	2.34	2.64	2.47	2.27	2.26	**2.20**	-2.2%	-0.7%	0.4%
Bulgaria	0.78	0.75	0.78	0.77	0.76	0.70	0.78	0.81	0.69	0.68	**0.70**	2.3%	-1.2%	0.1%
Croatia	0.28	0.29	0.30	0.30	0.30	0.29	0.30	0.29	0.31	0.31	**0.33**	5.3%	1.4%	0.1%
Cyprus	0.10	0.11	0.11	0.11	0.11	0.10	0.10	0.11	0.11	0.11	**0.12**	3.4%	1.3%	†
Czech Republic	1.71	1.68	1.78	1.78	1.74	1.62	1.70	1.67	1.53	1.47	**1.52**	3.1%	-1.2%	0.3%
Denmark	0.63	0.64	0.63	0.63	0.60	0.53	0.58	0.57	0.53	0.55	**0.52**	-5.9%	-2.0%	0.1%
Estonia	0.24	0.25	0.28	0.28	0.22	0.20	0.21	0.22	0.19	0.19	**0.18**	-5.3%	-2.9%	†
Finland	1.11	1.13	1.10	1.12	1.11	1.03	1.06	1.05	1.08	1.07	**1.07**	-0.2%	-0.4%	0.2%
France	10.35	10.08	10.10	10.16	9.94	8.77	9.41	8.26	8.57	9.00	**9.02**	0.5%	-1.4%	1.5%
Germany	12.91	13.13	13.36	12.96	12.52	11.54	12.03	11.31	10.14	10.06	**10.04**	0.1%	-2.5%	1.7%
Greece	1.03	1.02	1.08	1.07	1.05	0.90	0.96	1.00	0.96	1.02	**1.03**	0.8%	-0.1%	0.2%
Hungary	0.92	0.94	0.99	0.99	1.00	0.98	1.02	0.96	0.90	0.91	**0.91**	0.9%	-0.1%	0.2%
Iceland	0.27	0.28	0.29	0.32	0.31	0.29	0.30	0.31	0.31	0.31	**0.30**	-4.6%	1.0%	†
Ireland	0.58	0.61	0.61	0.62	0.61	0.56	0.58	0.60	0.57	0.58	**0.57**	-0.7%	-0.2%	0.1%
Italy	6.19	6.18	6.25	6.22	6.16	5.53	5.97	5.92	5.55	5.57	**5.53**	-0.5%	-1.1%	0.9%
Latvia	0.14	0.15	0.15	0.14	0.15	0.13	0.14	0.12	0.12	0.12	**0.12**	-0.3%	-1.7%	†
Lithuania	0.22	0.23	0.24	0.25	0.24	0.24	0.24	0.22	0.23	0.24	**0.23**	-4.1%	0.1%	†
Luxembourg	0.15	0.15	0.16	0.16	0.17	0.14	0.15	0.14	0.13	0.13	**0.12**	-4.7%	-2.2%	†
Netherlands	3.65	3.70	3.71	3.61	3.58	3.42	3.48	3.20	3.10	3.15	**3.16**	0.7%	-1.4%	0.5%
North Macedonia	0.09	0.10	0.10	0.10	0.10	0.09	0.10	0.10	0.10	0.10	**0.10**	7.3%	0.9%	†
Norway	1.11	1.13	1.17	1.14	1.10	1.13	1.14	1.10	1.12	1.10	**1.13**	2.8%	0.1%	0.2%
Poland	3.89	4.05	4.24	4.31	4.16	3.98	4.27	4.10	3.86	3.81	**3.92**	3.2%	0.1%	0.7%
Portugal	0.92	0.94	0.98	0.94	0.92	0.81	0.80	0.81	0.79	0.77	**0.78**	1.9%	-1.5%	0.1%
Romania	1.23	1.23	1.27	1.28	1.26	1.21	1.28	1.19	1.16	1.16	**1.14**	-1.5%	-0.8%	0.2%
Slovakia	0.66	0.66	0.70	0.69	0.66	0.65	0.70	0.65	0.67	0.64	**0.65**	1.2%	-0.1%	0.1%
Slovenia	0.25	0.27	0.28	0.28	0.27	0.26	0.26	0.24	0.24	0.26	**0.25**	-2.6%	-0.2%	†
Spain	5.20	5.20	5.37	5.38	5.27	4.60	4.93	5.17	4.96	5.09	5.20	2.4%	†	0.9%
Sweden	1.76	1.82	1.87	1.85	1.89	1.66	1.78	1.73	1.66	1.69	**1.65**	-1.7%	-0.6%	0.3%
Switzerland	1.01	0.96	0.96	0.98	1.02	0.92	0.84	0.92	0.94	0.96	**0.88**	-8.5%	-1.4%	0.1%
Türkiye	5.33	5.63	6.12	6.11	6.19	6.16	6.72	6.70	6.66	7.01	**7.32**	4.8%	3.2%	1.2%
Ukraine	3.71	3.85	3.58	3.69	3.52	3.42	3.51	2.36	2.26	2.27	**2.38**	5.1%	-4.3%	0.4%
United Kingdom	7.99	7.87	7.81	7.74	7.49	6.65	6.75	6.71	6.41	6.37	**6.29**	-1.0%	-2.4%	1.0%
Other Europe	1.50	1.59	1.62	1.65	1.65	1.60	1.67	1.70	1.71	1.71	**1.68**	-1.5%	1.1%	0.3%
Total Europe	**79.44**	**80.38**	**81.80**	**81.39**	**79.99**	**73.59**	**77.62**	**73.83**	**70.95**	**71.79**	**72.13**	**0.7%**	**-1.0%**	**12.0%**
Azerbaijan	0.61	0.60	0.59	0.62	0.66	0.66	0.70	0.75	0.77	0.73	**0.71**	-1.9%	1.6%	0.1%
Belarus	0.96	0.98	1.00	1.10	1.11	1.03	1.13	1.10	1.11	1.15	**1.13**	-1.2%	1.7%	0.2%
Kazakhstan	2.23	2.49	2.68	2.78	2.81	2.58	2.89	2.87	2.96	3.09	**3.28**	6.4%	3.9%	0.5%
Russian Federation	27.85	28.33	28.54	29.59	29.37	28.22	29.14	30.31	30.75	31.38	**31.19**	-0.3%	1.1%	5.2%
Turkmenistan	1.19	1.17	1.17	1.29	1.27	1.49	1.55	1.64	1.55	1.38	**1.54**	11.6%	2.6%	0.3%
Uzbekistan	1.67	1.77	1.85	1.95	2.00	1.91	2.09	2.02	2.08	2.07	**2.13**	3.2%	2.5%	0.4%
Other CIS	0.56	0.57	0.58	0.64	0.61	0.62	0.64	0.65	0.64	0.70	**0.67**	-3.4%	1.8%	0.1%
Total CIS	**35.08**	**35.90**	**36.40**	**37.98**	**37.83**	**36.51**	**38.14**	**39.35**	**39.86**	**40.49**	**40.65**	**0.7%**	**1.5%**	**6.8%**
Iran	9.87	10.43	10.79	11.19	11.67	12.18	12.07	12.54	12.88	13.20	**13.28**	0.9%	3.0%	2.2%
Iraq	1.72	1.85	2.14	2.23	2.42	1.92	2.08	2.24	2.43	2.42	**2.52**	4.3%	3.9%	0.4%
Israel	0.98	1.00	1.02	1.04	1.06	1.00	1.02	1.06	1.05	1.05	**1.03**	-1.7%	0.5%	0.2%
Kuwait	1.69	1.68	1.68	1.74	1.59	1.51	1.66	1.74	1.81	1.88	**1.90**	1.3%	1.2%	0.3%
Oman	1.21	1.22	1.26	1.36	1.35	1.30	1.42	1.52	1.56	1.63	**1.73**	6.5%	3.6%	0.3%
Qatar	2.14	2.11	2.03	2.06	2.10	1.85	1.97	2.05	2.20	2.28	**2.24**	-1.5%	0.4%	0.4%
Saudi Arabia	11.00	11.45	11.45	11.17	10.69	10.39	10.73	11.26	11.43	11.81	**12.02**	2.1%	0.9%	2.0%
United Arab Emirates	4.40	4.57	4.36	4.07	4.37	4.23	4.35	4.66	4.98	5.08	**5.26**	3.8%	1.8%	0.9%
Other Middle East	2.02	1.96	1.99	2.02	2.03	1.94	1.90	1.88	1.92	2.00	**1.99**	-0.3%	-0.2%	0.3%
Total Middle East	**35.04**	**36.27**	**36.72**	**36.87**	**37.27**	**36.34**	**37.20**	**38.95**	**40.25**	**41.34**	**41.96**	**1.8%**	**1.8%**	**7.0%**
Algeria	2.22	2.22	2.24	2.41	2.50	2.33	2.54	2.64	2.71	2.81	**2.87**	2.2%	2.6%	0.5%
Egypt	3.41	3.61	3.76	3.76	3.66	3.41	3.67	3.85	3.80	3.88	**3.97**	2.5%	1.5%	0.7%
Morocco	0.77	0.78	0.81	0.83	0.91	0.83	0.92	0.92	0.93	0.95	**0.99**	5.2%	2.6%	0.2%
South Africa	5.08	5.14	4.92	5.08	5.34	4.79	4.84	4.65	4.85	5.05	**5.03**	†	-0.1%	0.8%
Eastern Africa	1.84	1.84	1.97	2.10	2.15	2.02	2.16	2.33	2.38	2.32	**2.53**	9.2%	3.2%	0.4%
Middle Africa	0.86	0.89	0.87	0.89	0.92	0.83	0.92	0.98	0.97	1.01	**0.97**	-3.4%	1.3%	0.2%
Western Africa	2.49	2.45	2.56	2.72	2.84	2.91	3.39	3.42	3.38	3.55	**3.84**	8.3%	4.4%	0.6%
Other Northern Africa	1.04	0.99	0.99	1.01	1.05	1.06	1.22	1.28	1.29	1.41	**1.48**	5.4%	3.6%	0.2%
Other Southern Africa	0.16	0.17	0.17	0.18	0.17	0.15	0.16	0.17	0.18	0.19	**0.17**	-7.4%	0.7%	†
Total Africa	**17.88**	**18.09**	**18.31**	**18.99**	**19.54**	**18.34**	**19.83**	**20.24**	**20.48**	**21.17**	**21.85**	**3.5%**	**2.0%**	**3.6%**
Australia	5.57	5.55	5.55	5.58	5.74	5.35	5.29	5.49	5.44	5.55	**5.53**	-0.2%	-0.1%	0.9%
Bangladesh	1.38	1.39	1.44	1.54	1.73	1.64	1.77	1.84	1.88	1.84	**2.03**	10.7%	3.9%	0.3%
China	118.41	118.34	122.58	128.12	132.04	135.45	142.76	145.09	154.08	158.78	**162.19**	2.4%	3.2%	27.0%
China Hong Kong SAR	1.18	1.21	1.29	1.31	1.24	0.93	0.88	0.78	0.90	0.98	**0.99**	0.9%	-1.7%	0.2%
India	27.41	28.69	29.65	31.28	31.87	30.05	32.69	34.31	37.05	38.82	**39.10**	1.0%	3.6%	6.5%
Indonesia	7.01	6.96	7.52	7.91	8.36	7.88	8.18	10.17	10.31	10.95	**11.52**	5.5%	5.1%	1.9%
Japan	18.76	18.50	18.62	18.50	18.11	16.70	17.45	17.26	16.80	16.61	**16.48**	-0.5%	-1.3%	2.7%
Malaysia	3.93	4.10	4.12	4.20	4.30	4.14	4.30	4.66	4.58	4.77	**4.85**	1.9%	2.1%	0.8%
New Zealand	0.95	0.97	0.99	0.98	1.00	0.93	0.92	0.89	0.91	0.93	**0.94**	1.5%	-0.1%	0.2%
Pakistan	2.79	3.03	3.25	3.30	3.29	3.23	3.64	3.37	3.07	3.06	**3.12**	2.4%	1.2%	0.5%
Philippines	1.83	1.98	2.12	2.18	2.25	2.07	2.16	2.27	2.49	2.63	**2.57**	-1.8%	3.4%	0.4%
Singapore	3.36	3.49	3.64	3.66	3.57	3.35	3.35	3.29	3.49	3.68	**3.69**	0.5%	0.9%	0.6%
South Korea	12.17	12.58	12.70	12.96	12.79	12.30	12.95	13.12	12.89	13.18	**12.97**	-1.3%	0.6%	2.2%
Sri Lanka	0.29	0.33	0.36	0.36	0.37	0.33	0.35	0.29	0.31	0.34	**0.36**	5.1%	2.2%	0.1%
Taiwan	4.81	4.82	4.81	4.84	4.74	4.60	4.87	4.64	4.39	4.32	**4.26**	-1.1%	-1.2%	0.7%
Thailand	4.99	5.09	5.19	5.35	5.33	4.96	4.97	4.97	4.99	5.17	**5.01**	-2.9%	†	0.8%
Vietnam	2.47	2.68	2.78	3.28	3.77	3.80	3.59	3.81	4.21	4.53	**4.70**	4.0%	6.6%	0.8%
Other Asia Pacific	2.06	2.17	2.70	2.87	3.07	3.09	2.96	3.08	3.34	3.46	**3.53**	2.5%	5.5%	0.6%
Total Asia Pacific	**219.35**	**221.88**	**229.29**	**238.21**	**243.58**	**240.80**	**253.07**	**259.32**	**271.15**	**279.60**	**283.84**	**1.8%**	**2.6%**	**47.3%**
Total World	**523.80**	**528.82**	**539.02**	**553.03**	**556.63**	**532.75**	**560.01**	**568.58**	**579.16**	**592.18**	**600.31**	**1.7%**	**1.4%**	**100.0%**
of which: OECD	224.72	225.48	227.54	230.75	228.16	210.43	220.72	220.56	216.20	218.16	**219.89**	1.1%	-0.2%	36.6%
Non-OECD	299.08	303.34	311.48	322.27	328.47	322.32	339.29	348.02	362.96	374.01	**380.43**	2.0%	2.4%	63.4%
European Union	58.52	59.08	60.28	59.79	58.74	53.46	56.70	54.06	51.57	52.10	**52.19**	0.5%	-1.1%	8.7%

* In this Review, energy supply comprises commercially-traded fuels, including modern renewables used to generate electricity.
^ Less than 0.005.
† Less than 0.05%.
Energy from non-fossil fuel combustible electricity generation is accounted for on their input heat requirements and non-combustible renewables on the energy content of their gross electrical output.
See the appendix or **https://www.energyinst.org/statistical-review** for more details on this methodology.
Note: Annual changes and share of total are calculated using exajoules figures. Growth rates are adjusted for leap years.

Total energy Supply by fuel*

Exajoules	2024 Oil	Natural gas	Coal	Nuclear energy	Hydro-electricity	Renewables	Total	2025 Oil	Natural gas	Coal	Nuclear energy	Hydro-electricity	Renewables	Total
Canada	4.36	4.62	0.29	0.93	1.25	0.43	**11.88**	4.40	4.76	0.25	0.93	1.25	0.47	**12.06**
Mexico	3.47	3.61	0.24	0.13	0.09	0.34	**7.88**	3.47	3.59	0.22	0.11	0.11	0.34	**7.83**
US	36.07	32.46	7.93	8.98	0.86	5.75	**92.04**	36.42	32.88	8.73	9.01	0.88	5.90	**93.83**
Total North America	**43.90**	**40.69**	**8.46**	**10.04**	**2.20**	**6.52**	**111.81**	**44.29**	**41.24**	**9.19**	**10.05**	**2.24**	**6.71**	**113.71**
Argentina	1.18	1.60	0.03	0.11	0.11	0.15	**3.19**	1.17	1.57	0.03	0.12	0.09	0.17	**3.15**
Brazil	5.14	1.13	0.60	0.17	1.52	2.41	**10.97**	5.19	1.20	0.59	0.17	1.43	2.61	**11.19**
Chile	0.80	0.26	0.14	–	0.10	0.20	**1.50**	0.80	0.28	0.16	–	0.07	0.20	**1.52**
Colombia	0.89	0.48	0.22	–	0.20	0.08	**1.86**	0.89	0.42	0.14	–	0.25	0.09	**1.78**
Ecuador	0.59	0.02	^	–	0.08	0.01	**0.70**	0.59	0.02	^	–	0.10	0.01	**0.71**
Peru	0.53	0.41	0.02	–	0.12	0.05	**1.13**	0.57	0.37	0.03	–	0.12	0.05	**1.14**
Trinidad & Tobago	0.07	0.51	–	–	–	^	**0.58**	0.07	0.47	–	–	–	^	**0.54**
Venezuela	0.64	1.14	0.01	–	0.26	^	**2.06**	0.64	1.12	0.01	–	0.26	^	**2.03**
Other S. & Cent. America	2.71	0.43	0.17	–	0.30	0.38	**3.99**	2.78	0.44	0.17	–	0.32	0.40	**4.10**
Total S. & Cent. America	**12.56**	**5.98**	**1.19**	**0.29**	**2.68**	**3.28**	**25.98**	**12.69**	**5.88**	**1.13**	**0.29**	**2.64**	**3.53**	**26.16**
Austria	0.48	0.25	0.10	–	0.16	0.13	**1.12**	0.46	0.27	0.10	–	0.13	0.14	**1.10**
Belgium	1.18	0.48	0.11	0.34	^	0.15	**2.26**	1.18	0.49	0.12	0.26	^	0.16	**2.20**
Czech Republic	0.43	0.24	0.38	0.32	0.01	0.09	**1.47**	0.43	0.26	0.38	0.35	0.01	0.10	**1.52**
Finland	0.33	0.05	0.08	0.36	0.05	0.21	**1.07**	0.33	0.04	0.08	0.36	0.04	0.22	**1.07**
France	2.80	1.15	0.17	4.15	0.25	0.49	**9.00**	2.77	1.10	0.16	4.26	0.21	0.54	**9.02**
Germany	4.24	2.73	1.58	–	0.08	1.44	**10.06**	4.20	2.83	1.49	–	0.06	1.46	**10.04**
Greece	0.63	0.24	0.04	–	0.01	0.10	**1.02**	0.63	0.26	0.03	–	0.01	0.09	**1.03**
Hungary	0.34	0.30	0.03	0.17	^	0.07	**0.91**	0.33	0.31	0.02	0.18	^	0.08	**0.91**
Italy	2.53	2.12	0.10	–	0.19	0.64	**5.57**	2.43	2.16	0.09	–	0.15	0.71	**5.53**
Netherlands	1.68	0.93	0.17	0.04	^	0.32	**3.15**	1.66	0.94	0.19	0.04	^	0.34	**3.16**
Norway	0.37	0.12	0.03	–	0.50	0.08	**1.10**	0.37	0.12	0.03	–	0.52	0.08	**1.13**
Poland	1.41	0.75	1.35	–	0.01	0.30	**3.81**	1.46	0.80	1.34	–	0.01	0.32	**3.92**
Portugal	0.44	0.13	^	–	0.05	0.14	**0.77**	0.44	0.15	^	–	0.05	0.14	**0.78**
Romania	0.50	0.34	0.10	0.12	0.05	0.06	**1.16**	0.48	0.34	0.09	0.12	0.04	0.06	**1.14**
Spain	2.65	1.02	0.10	0.59	0.12	0.60	**5.09**	2.65	1.13	0.09	0.59	0.12	0.62	**5.20**
Sweden	0.52	0.03	0.06	0.55	0.23	0.29	**1.69**	0.52	0.03	0.06	0.51	0.25	0.29	**1.65**
Switzerland	0.39	0.11	^	0.25	0.16	0.05	**0.96**	0.38	0.11	^	0.20	0.12	0.06	**0.88**
Türkiye	2.38	1.83	1.77	–	0.27	0.75	**7.01**	2.47	2.03	1.79	–	0.21	0.83	**7.32**
Ukraine	0.56	0.68	0.39	0.58	0.04	0.03	**2.27**	0.56	0.81	0.35	0.59	0.04	0.03	**2.38**
United Kingdom	2.71	2.22	0.10	0.44	0.02	0.88	**6.37**	2.71	2.20	0.05	0.39	0.02	0.92	**6.29**
Other Europe	2.60	0.99	0.93	0.43	0.27	0.70	**5.92**	2.59	0.99	0.87	0.44	0.24	0.72	**5.84**
Total Europe	**29.14**	**16.70**	**7.58**	**8.36**	**2.50**	**7.51**	**71.79**	**29.05**	**17.36**	**7.33**	**8.28**	**2.23**	**7.89**	**72.13**
Azerbaijan	0.25	0.46	^	–	0.01	^	**0.73**	0.26	0.44	^	–	0.01	^	**0.71**
Belarus	0.32	0.60	0.04	0.17	^	0.01	**1.15**	0.32	0.57	0.04	0.19	^	0.01	**1.13**
Kazakhstan	0.71	0.84	1.47	–	0.04	0.02	**3.09**	0.78	0.86	1.57	–	0.04	0.03	**3.28**
Russian Federation	7.19	17.26	3.75	2.35	0.76	0.07	**31.38**	7.18	17.28	3.56	2.38	0.72	0.07	**31.19**
Turkmenistan	0.28	1.10	–	–	^	^	**1.38**	0.29	1.25	–	–	^	^	**1.54**
Uzbekistan	0.26	1.60	0.15	–	0.03	0.02	**2.07**	0.26	1.60	0.20	–	0.02	0.04	**2.13**
Other CIS	0.23	0.20	0.10	0.03	0.13	0.01	**0.70**	0.24	0.14	0.10	0.03	0.14	0.01	**0.67**
Total CIS	**9.25**	**22.08**	**5.51**	**2.56**	**0.97**	**0.13**	**40.49**	**9.34**	**22.15**	**5.48**	**2.60**	**0.93**	**0.15**	**40.65**
Iran	3.85	9.13	0.07	0.08	0.07	0.01	**13.20**	3.87	9.23	0.07	0.06	0.04	0.01	**13.28**
Iraq	1.74	0.66	–	–	0.01	^	**2.42**	1.84	0.66	–	–	0.01	^	**2.52**
Israel	0.42	0.48	0.11	–	^	0.04	**1.05**	0.41	0.49	0.08	–	^	0.06	**1.03**
Kuwait	0.96	0.91	0.01	–	–	^	**1.88**	0.96	0.93	0.01	–	–	^	**1.90**
Oman	0.47	1.15	^	–	–	0.01	**1.63**	0.52	1.18	^	–	–	0.02	**1.73**
Qatar	0.63	1.63	^	–	–	0.01	**2.28**	0.64	1.58	^	–	–	0.01	**2.24**
Saudi Arabia	7.31	4.45	0.01	–	–	0.04	**11.81**	7.13	4.82	0.01	–	–	0.07	**12.02**
United Arab Emirates	2.10	2.42	0.07	0.43	–	0.06	**5.08**	2.11	2.54	0.10	0.43	–	0.07	**5.26**
Other Middle East	1.00	0.90	0.06	–	^	0.04	**2.00**	1.00	0.87	0.07	–	0.01	0.04	**1.99**
Total Middle East	**18.49**	**21.72**	**0.33**	**0.50**	**0.09**	**0.21**	**41.34**	**18.49**	**22.30**	**0.34**	**0.48**	**0.06**	**0.29**	**41.96**
Algeria	0.90	1.90	0.01	–	^	^	**2.81**	0.92	1.95	^	–	^	^	**2.87**
Egypt	1.57	2.15	0.05	–	0.06	0.04	**3.88**	1.57	2.21	0.06	–	0.05	0.07	**3.97**
Morocco	0.61	0.03	0.27	–	^	0.04	**0.95**	0.64	0.03	0.28	–	^	0.04	**0.99**
South Africa	0.96	0.17	3.72	0.09	^	0.11	**5.05**	0.98	0.17	3.65	0.12	0.01	0.11	**5.03**
Other Africa	5.02	2.16	0.44	–	0.56	0.30	**8.48**	5.28	2.27	0.50	–	0.62	0.32	**9.00**
Total Africa	**9.06**	**6.42**	**4.49**	**0.09**	**0.62**	**0.49**	**21.17**	**9.39**	**6.63**	**4.49**	**0.12**	**0.68**	**0.55**	**21.85**
Australia	2.23	1.41	1.51	–	0.05	0.35	**5.55**	2.24	1.39	1.46	–	0.05	0.39	**5.53**
Bangladesh	0.52	0.98	0.32	–	^	^	**1.84**	0.61	0.99	0.42	–	^	0.01	**2.03**
China	33.02	15.60	92.24	4.92	4.91	8.09	**158.78**	33.85	15.91	92.24	5.29	5.01	9.89	**162.19**
China Hong Kong SAR	0.65	0.20	0.13	–	–	0.01	**0.98**	0.68	0.19	0.11	–	–	0.01	**0.99**
India	10.89	2.55	23.00	0.60	0.56	1.22	**38.82**	10.89	2.40	23.07	0.59	0.64	1.51	**39.10**
Indonesia	3.15	1.70	4.72	–	0.10	1.28	**10.95**	3.28	1.74	5.15	–	0.11	1.23	**11.52**
Japan	6.61	3.27	4.53	0.93	0.29	0.98	**16.61**	6.51	3.25	4.36	1.03	0.27	1.07	**16.48**
Malaysia	1.81	1.68	1.06	–	0.12	0.10	**4.77**	1.85	1.66	1.10	–	0.12	0.11	**4.85**
New Zealand	0.32	0.11	0.05	–	0.09	0.36	**0.93**	0.32	0.10	0.04	–	0.09	0.39	**0.94**
Pakistan	0.83	1.33	0.42	0.25	0.14	0.09	**3.06**	0.87	1.23	0.48	0.26	0.14	0.15	**3.12**
Philippines	0.98	0.13	1.03	–	0.04	0.45	**2.63**	1.00	0.14	0.93	–	0.05	0.44	**2.57**
Singapore	3.18	0.47	0.01	–	–	0.01	**3.68**	3.18	0.48	0.01	–	–	0.02	**3.69**
South Korea	5.57	2.28	2.85	2.06	0.02	0.40	**13.18**	5.42	2.27	2.86	2.01	0.01	0.40	**12.97**
Sri Lanka	0.25	–	0.06	–	0.02	0.01	**0.34**	0.26	–	0.05	–	0.03	0.02	**0.36**
Taiwan	1.64	1.03	1.39	0.13	0.02	0.12	**4.32**	1.67	1.13	1.28	0.04	0.02	0.13	**4.26**
Thailand	2.32	1.77	0.61	–	0.02	0.44	**5.17**	2.32	1.70	0.59	–	0.03	0.36	**5.01**
Vietnam	1.32	0.22	2.50	–	0.32	0.18	**4.53**	1.37	0.21	2.57	–	0.37	0.19	**4.70**
Other Asia Pacific	1.34	0.38	1.36	–	0.36	0.02	**3.46**	1.41	0.36	1.34	–	0.40	0.03	**3.53**
Total Asia Pacific	**76.65**	**35.12**	**137.79**	**8.88**	**7.06**	**14.10**	**279.60**	**77.73**	**35.14**	**138.08**	**9.21**	**7.35**	**16.33**	**283.84**
Total World	**199.04**	**148.72**	**165.35**	**30.71**	**16.10**	**32.24**	**592.18**	**200.97**	**150.70**	**166.03**	**31.04**	**16.12**	**35.45**	**600.31**
of which: OECD	87.62	64.23	24.31	20.51	5.19	16.30	**218.16**	87.66	65.21	24.51	20.50	5.00	17.02	**219.89**
Non-OECD	111.42	84.49	141.05	10.20	10.91	15.95	**374.01**	113.32	85.49	141.52	10.55	11.12	18.43	**380.43**
European Union	21.96	11.50	4.75	7.09	1.32	5.47	**52.10**	21.77	11.85	4.59	7.10	1.15	5.73	**52.19**

* In this Review, energy supply comprises commercially-traded fuels, including modern renewables used to generate electricity.
^ Less than 0.005.
Energy from non-fossil fuel combustible electricity generation is accounted for on their input heat requirements and non-combustible renewables on the energy content of their gross electrical output.
See the appendix or **https://www.energyinst.org/statistical-review** for more details on this methodology.

Total energy Supply per capita*

Gigajoule per capita	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	2015–25
Canada	336.96	329.41	329.76	331.96	326.63	300.70	302.06	306.01	300.83	298.91	**300.43**	0.8%	-1.1%
Mexico	65.00	65.67	66.25	64.80	62.30	56.36	58.27	60.27	61.24	60.24	**59.33**	-1.2%	-0.9%
US	280.65	276.81	274.06	281.67	276.92	253.91	266.81	270.03	265.41	266.47	**270.18**	1.7%	-0.4%
Total North America	**230.81**	**227.81**	**226.15**	**231.08**	**226.83**	**207.79**	**216.91**	**219.77**	**216.44**	**216.67**	**218.95**	**1.3%**	**-0.5%**
Argentina	76.32	76.45	74.53	73.42	69.55	64.71	70.99	73.80	72.56	69.85	**68.79**	-1.3%	-1.0%
Brazil	51.56	48.81	49.04	48.20	48.81	45.79	48.95	49.04	50.09	51.76	**52.59**	1.9%	0.2%
Chile	73.30	77.14	77.92	79.20	78.92	71.81	77.59	79.87	76.51	76.08	**76.45**	0.8%	0.4%
Colombia	32.83	35.66	34.00	34.54	34.73	31.08	32.88	35.74	35.45	35.13	**33.37**	-4.8%	0.2%
Ecuador	36.72	35.16	34.80	36.44	35.53	29.41	34.90	37.04	38.39	38.57	**38.92**	1.2%	0.6%
Peru	28.36	29.88	29.08	29.79	30.06	25.64	29.47	30.57	30.93	32.92	**32.96**	0.4%	1.5%
Trinidad & Tobago	558.26	490.36	515.76	475.00	473.23	411.57	418.90	416.44	392.62	385.71	**358.23**	-6.9%	-4.3%
Venezuela	99.22	91.30	88.72	75.20	68.76	52.51	62.75	67.53	73.35	72.40	**71.05**	-1.6%	-3.3%
Central America	26.12	26.88	26.80	26.82	28.95	24.07	26.42	26.89	28.00	28.57	**28.98**	1.7%	1.0%
Other Caribbean	37.98	38.95	37.78	38.64	37.70	34.10	34.62	34.57	34.64	35.34	**36.49**	3.5%	-0.4%
Other South America	37.00	39.12	39.11	39.50	38.21	34.24	36.74	37.40	39.15	39.17	**39.20**	0.3%	0.6%
Total S. & Cent. America	**51.05**	**49.94**	**49.43**	**48.28**	**47.80**	**42.99**	**46.54**	**47.60**	**48.23**	**48.75**	**48.79**	**0.3%**	**-0.5%**
Austria	134.50	136.46	139.16	135.73	140.03	127.43	131.42	122.19	120.81	122.31	**120.38**	-1.3%	-1.1%
Belgium	208.63	226.92	227.59	223.20	230.34	203.13	228.52	211.98	193.57	192.34	**187.27**	-2.4%	-1.1%
Bulgaria	108.91	105.62	109.89	109.48	108.53	100.83	113.88	119.11	101.97	100.97	**103.70**	3.0%	-0.5%
Croatia	67.73	70.81	73.91	74.30	76.12	72.62	76.78	74.70	80.67	80.09	**84.72**	6.1%	2.3%
Cyprus	84.39	90.46	90.48	89.66	88.90	75.74	78.38	82.36	81.63	83.56	**85.37**	2.4%	0.1%
Czech Republic	162.49	159.60	169.21	169.05	165.10	153.16	161.78	156.22	141.36	137.22	**142.81**	4.4%	-1.3%
Denmark	110.71	112.01	109.85	108.65	103.56	90.28	98.34	95.99	89.92	92.04	**86.00**	-6.3%	-2.5%
Estonia	183.17	190.09	210.78	208.35	166.09	153.41	160.62	162.82	141.80	140.11	**133.90**	-4.2%	-3.1%
Finland	202.31	205.65	199.38	203.53	201.44	186.15	192.11	188.26	193.63	191.00	**189.99**	-0.3%	-0.6%
France	159.46	154.94	154.77	155.03	151.18	133.05	142.36	124.70	129.04	135.27	**135.41**	0.4%	-1.6%
Germany	157.35	158.69	160.78	155.42	149.89	138.04	143.77	134.56	119.90	119.02	**119.46**	0.6%	-2.7%
Greece	95.46	94.37	100.35	99.97	97.81	83.86	91.01	96.46	93.41	101.65	**103.31**	1.9%	0.8%
Hungary	93.66	95.62	100.96	101.75	102.73	100.74	105.48	98.96	93.39	93.79	**94.79**	1.3%	0.1%
Iceland	815.12	820.55	830.63	903.68	860.94	797.82	792.83	811.73	806.30	792.97	**744.91**	-5.8%	-0.9%
Ireland	123.60	128.88	126.38	126.47	123.61	112.55	116.20	117.48	109.95	109.49	**107.30**	-1.7%	-1.4%
Italy	102.22	102.20	103.49	103.19	102.45	92.35	99.93	99.35	93.34	93.94	**93.57**	-0.1%	-0.9%
Latvia	70.22	74.25	77.16	74.04	77.88	69.25	73.17	64.19	64.61	63.13	**63.40**	0.7%	-1.0%
Lithuania	76.75	78.90	83.58	87.54	86.74	86.24	86.19	78.24	78.93	82.70	**79.91**	-3.1%	0.4%
Luxembourg	268.63	258.53	263.22	270.13	269.32	225.49	237.16	207.99	196.39	191.85	**180.34**	-5.7%	-3.9%
Netherlands	213.12	215.22	214.50	207.39	204.23	194.07	196.55	178.70	171.13	172.87	**172.48**	†	-2.1%
North Macedonia	47.40	49.89	50.74	51.14	54.90	48.83	51.33	55.22	57.21	52.80	**56.80**	7.9%	1.8%
Norway	214.67	216.47	222.42	215.32	205.96	209.98	211.48	201.31	202.84	197.05	**200.27**	1.9%	-0.7%
Poland	101.59	105.76	110.85	112.61	108.96	104.27	112.38	106.78	99.50	98.92	**102.87**	4.3%	0.1%
Portugal	88.48	91.16	94.50	91.52	88.80	77.70	77.24	78.07	75.39	74.06	**75.39**	2.1%	-1.6%
Romania	62.11	62.24	64.71	65.27	64.64	62.46	66.32	61.85	60.45	61.04	**60.32**	-0.9%	-0.3%
Slovakia	120.93	121.84	128.16	126.62	121.61	118.99	129.06	119.12	121.02	116.49	**118.29**	1.8%	-0.2%
Slovenia	122.81	130.00	133.99	134.38	130.25	123.23	121.42	114.73	114.07	120.51	**117.14**	-2.5%	-0.5%
Spain	111.29	111.17	114.67	114.20	111.09	96.40	103.18	108.05	103.52	106.17	**108.52**	2.5%	-0.3%
Sweden	179.44	183.15	185.47	182.04	184.22	160.73	171.10	165.16	157.43	159.08	**155.26**	-2.1%	-1.4%
Switzerland	121.50	114.04	113.63	115.32	118.75	106.07	97.01	104.11	106.23	107.84	**97.91**	-9.0%	-2.1%
Türkiye	66.61	68.97	73.72	72.44	72.52	71.54	77.53	76.93	76.37	80.09	**83.48**	4.5%	2.3%
Ukraine	81.04	84.44	78.83	81.62	78.37	76.44	79.33	57.54	59.91	60.07	**61.13**	2.0%	-2.8%
United Kingdom	122.14	119.45	117.63	115.94	111.55	98.76	99.71	98.48	93.36	92.20	**90.46**	-1.6%	-3.0%
Other Europe	73.12	77.64	79.57	81.29	81.46	79.76	83.76	85.85	86.18	86.59	**85.51**	-1.0%	1.6%
Total Europe	**118.39**	**119.27**	**120.92**	**119.91**	**117.51**	**107.94**	**113.79**	**108.38**	**104.31**	**105.48**	**105.91**	**0.7%**	**-1.1%**
Azerbaijan	62.39	60.85	59.20	62.05	65.19	64.68	68.67	72.55	74.80	70.48	**68.56**	-2.5%	0.9%
Belarus	101.19	103.23	104.95	116.30	117.37	109.89	122.47	119.67	122.01	126.84	**125.82**	-0.5%	2.2%
Kazakhstan	123.41	135.51	143.90	146.65	146.28	132.41	146.21	143.38	145.76	149.98	**157.25**	5.1%	2.5%
Russian Federation	191.66	194.33	195.21	202.11	200.42	192.79	199.83	208.22	211.41	216.68	**216.60**	0.2%	1.2%
Turkmenistan	192.08	183.34	179.26	193.17	187.09	214.67	217.99	227.15	210.18	184.65	**202.12**	9.8%	0.5%
Uzbekistan	54.27	56.43	58.07	60.29	60.66	56.81	61.09	57.92	58.25	56.83	**57.41**	1.3%	0.6%
Other CIS	27.02	26.91	27.20	29.66	27.84	27.75	28.23	28.31	27.21	29.30	**27.95**	-4.4%	0.3%
Total CIS	**145.87**	**148.17**	**149.17**	**154.62**	**153.10**	**147.02**	**153.13**	**157.20**	**158.36**	**160.40**	**160.72**	**0.5%**	**1.0%**
Iran	119.47	124.45	126.92	129.90	134.11	138.88	136.42	140.11	142.17	144.16	**143.66**	-0.1%	1.9%
Iraq	45.73	48.16	54.33	55.48	58.70	45.70	48.39	50.85	53.94	52.56	**53.52**	2.1%	1.6%
Israel	122.00	121.78	121.77	121.77	122.32	113.81	114.03	116.59	113.35	112.20	**108.49**	-3.0%	-1.2%
Kuwait	440.03	418.99	404.57	401.91	358.95	343.38	380.64	378.61	373.27	380.54	**377.49**	-0.5%	-1.5%
Oman	290.26	278.32	278.69	295.91	293.11	287.60	316.56	321.36	308.61	308.37	**314.87**	2.4%	0.8%
Qatar	883.02	812.25	750.18	747.50	750.11	661.37	698.41	707.68	737.57	746.42	**717.32**	-3.6%	-2.1%
Saudi Arabia	367.09	372.66	372.10	367.69	350.69	335.33	342.52	349.94	343.48	347.64	**347.88**	0.3%	-0.5%
United Arab Emirates	507.37	505.86	471.97	435.52	465.71	447.77	444.82	455.02	467.59	460.57	**463.19**	0.8%	-0.9%
Other Middle East	27.87	26.58	26.52	26.39	25.85	24.13	23.05	22.21	22.02	22.26	**21.60**	-2.7%	-2.5%
Total Middle East	**140.27**	**142.27**	**141.74**	**140.34**	**139.61**	**134.02**	**135.03**	**138.18**	**139.31**	**140.15**	**139.62**	**-0.1%**	†
Algeria	55.52	54.32	53.78	56.61	57.63	52.94	56.82	58.04	58.67	60.09	**60.43**	0.8%	0.9%
Egypt	34.29	35.55	36.28	35.57	34.03	31.23	33.11	34.18	33.16	33.28	**33.51**	1.0%	-0.2%
Morocco	22.20	22.15	22.96	23.22	25.00	22.74	24.97	24.62	24.54	24.84	**25.82**	4.2%	1.5%
South Africa	89.54	89.79	85.35	86.69	89.63	79.17	78.63	74.58	76.75	78.87	**77.73**	-1.2%	-1.4%
Eastern Africa	4.24	4.12	4.30	4.46	4.44	4.06	4.23	4.44	4.43	4.21	**4.47**	6.5%	0.5%
Middle Africa	5.34	5.36	5.09	5.05	5.02	4.42	4.73	4.91	4.70	4.75	**4.43**	-6.4%	-1.9%
Western Africa	6.78	6.51	6.62	6.85	6.99	6.99	7.96	7.85	7.57	7.79	**8.23**	6.0%	2.0%
Other Northern Africa	56.66	53.14	52.56	52.51	54.36	53.96	61.60	64.43	64.32	69.52	**72.54**	4.6%	2.5%
Other Southern Africa	20.80	20.74	21.05	22.34	20.79	17.99	18.54	18.73	19.96	20.62	**18.74**	-8.9%	-1.0%
Total Africa	**14.65**	**14.46**	**14.27**	**14.43**	**14.50**	**13.29**	**14.02**	**13.99**	**13.83**	**13.97**	**14.10**	**1.2%**	**-0.4%**
Australia	232.47	228.19	224.47	222.06	225.30	207.76	203.76	209.49	205.55	207.82	**204.94**	-1.1%	-1.3%
Bangladesh	8.65	8.62	8.90	9.43	10.49	9.85	10.53	10.84	10.94	10.58	**11.54**	9.3%	2.9%
China	84.81	84.28	86.79	90.29	92.75	94.98	100.08	101.81	108.31	111.87	**114.54**	2.7%	3.1%
China Hong Kong SAR	159.53	162.81	173.75	175.18	165.68	124.02	117.24	104.83	121.32	132.34	**133.55**	1.2%	-1.8%
India	20.64	21.35	21.81	22.75	22.95	21.43	23.12	24.07	25.76	26.75	**26.71**	0.1%	2.6%
Indonesia	26.78	26.28	28.11	29.31	30.67	28.69	29.56	36.48	36.68	38.62	**40.31**	4.6%	4.2%
Japan	147.36	145.50	146.52	145.80	142.95	132.23	138.86	138.07	135.06	134.20	**133.89**	†	-1.0%
Malaysia	125.69	128.88	127.20	127.47	128.71	122.02	125.56	134.36	130.49	134.09	**134.68**	0.7%	0.7%
New Zealand	206.45	205.07	205.81	199.95	201.28	182.68	179.50	174.38	175.75	178.16	**178.99**	0.7%	-1.4%
Pakistan	12.82	13.78	14.54	14.56	14.27	13.75	15.20	13.81	12.42	12.18	**12.24**	0.8%	-0.5%
Philippines	17.42	18.54	19.59	19.88	20.34	18.46	19.08	19.88	21.68	22.68	**22.04**	-2.6%	2.4%
Singapore	608.70	625.95	648.80	649.26	630.41	595.60	603.48	582.48	602.14	630.72	**627.78**	-0.2%	0.3%
South Korea	238.64	245.30	246.58	250.88	247.14	237.19	249.82	253.46	249.10	254.78	**251.08**	-1.2%	0.5%
Sri Lanka	13.34	15.29	16.14	16.25	16.63	14.82	15.22	12.70	13.56	14.93	**15.57**	4.5%	1.6%
Taiwan	204.61	204.34	203.59	204.38	200.04	194.34	206.75	197.98	188.48	186.16	**184.43**	-0.7%	-1.0%
Thailand	70.67	71.89	72.86	74.92	74.49	69.18	69.25	69.26	69.65	72.18	**69.93**	-2.9%	-0.1%
Vietnam	26.61	28.56	29.19	34.09	38.75	38.74	36.33	38.22	41.98	44.87	**46.25**	3.4%	5.7%
Other Asia Pacific	11.50	11.95	14.71	15.43	16.25	16.16	15.22	15.69	16.89	17.27	**17.46**	1.4%	4.3%
Total Asia Pacific	**53.41**	**53.54**	**54.82**	**56.48**	**57.31**	**56.26**	**58.79**	**59.94**	**62.36**	**63.98**	**64.63**	**1.3%**	**1.9%**
Total World	**70.12**	**69.96**	**70.50**	**71.54**	**71.26**	**67.55**	**70.40**	**70.88**	**71.57**	**72.55**	**72.93**	**0.8%**	**0.4%**
of which: OECD	167.94	167.30	167.66	168.88	165.95	152.41	159.46	158.70	154.84	155.74	**156.60**	0.8%	-0.7%
Non-OECD	48.77	48.84	49.53	50.64	51.03	49.54	51.64	52.48	54.21	55.32	**55.72**	1.0%	1.3%
European Union	131.84	132.79	135.24	133.90	131.31	119.39	126.65	120.37	114.44	115.71	**116.24**	0.7%	-1.3%

* In this Review, energy supply comprises commercially-traded fuels, including modern renewables used to generate electricity.
† Less than 0.05%.
Energy from non-fossil fuel combustible electricity generation is accounted for on their input heat requirements and non-combustible renewables on the energy content of their gross electrical output.
See the appendix or **https://www.energyinst.org/statistical-review** for more details on this methodology.
Note: Annual changes and share of total are calculated using exajoules figures. Growth rates are adjusted for leap years.

Carbon Carbon dioxide emissions from energy

Million tonnes of carbon dioxide	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	555.7	542.6	556.4	568.4	560.0	498.8	508.5	522.2	521.5	522.5	**531.5**	2.0%	-0.4%	1.5%
Mexico	478.3	486.6	500.6	490.4	472.3	412.2	434.1	457.7	470.2	464.4	**462.8**	-0.1%	-0.3%	1.3%
US	5137.9	5039.3	4979.9	5134.5	4982.7	4468.3	4755.2	4801.8	4640.1	4625.9	**4755.4**	3.1%	-0.8%	13.3%
Total North America	**6171.9**	**6068.5**	**6037.0**	**6193.3**	**6015.0**	**5379.3**	**5697.9**	**5781.7**	**5631.9**	**5612.9**	**5749.8**	**2.7%**	**-0.7%**	**16.1%**
Argentina	186.0	187.4	182.9	180.8	171.3	158.5	178.4	186.8	180.5	171.2	**168.4**	-1.4%	-1.0%	0.5%
Brazil	500.7	461.8	466.7	447.5	447.4	414.7	466.8	443.5	448.7	454.8	**461.2**	1.7%	-0.8%	1.3%
Chile	87.4	92.2	93.9	93.5	94.8	85.1	93.8	93.6	83.1	83.0	**85.4**	3.3%	-0.2%	0.2%
Colombia	93.3	103.4	95.4	98.4	102.2	91.8	96.0	107.8	109.1	110.1	**99.7**	-9.2%	0.7%	0.3%
Ecuador	37.6	35.5	34.5	37.3	35.8	29.3	36.2	39.7	41.7	43.1	**42.7**	-0.6%	1.3%	0.1%
Peru	49.1	53.1	51.2	52.9	54.4	45.3	54.0	57.3	58.8	62.4	**63.1**	1.5%	2.6%	0.2%
Trinidad & Tobago	23.8	21.5	20.7	19.6	19.0	16.4	15.5	16.3	15.9	15.8	**15.0**	-4.6%	-4.5%	†
Venezuela	172.0	159.0	149.9	125.2	111.9	77.9	94.2	103.2	114.6	111.3	**109.2**	-1.6%	-4.4%	0.3%
Central America	69.3	72.4	72.2	72.7	81.3	63.3	71.9	74.9	81.2	83.7	**85.0**	1.9%	2.1%	0.2%
Other Caribbean	110.4	113.3	109.9	113.0	111.6	101.6	102.4	103.0	102.7	105.1	**108.8**	3.8%	-0.1%	0.3%
Other South America	35.7	37.4	38.4	39.5	40.1	36.3	41.5	42.2	43.7	45.0	**45.1**	0.5%	2.3%	0.1%
Total S. & Cent. America	**1365.3**	**1337.1**	**1315.5**	**1280.4**	**1269.7**	**1120.3**	**1250.9**	**1268.3**	**1280.1**	**1285.3**	**1283.7**	**0.2%**	**-0.6%**	**3.6%**
Austria	61.6	62.1	64.5	62.3	63.8	55.9	59.2	56.3	54.0	52.3	**52.6**	0.9%	-1.6%	0.1%
Belgium	115.3	117.0	119.0	125.6	121.5	105.2	113.8	109.9	103.7	104.3	**105.4**	1.3%	-0.9%	0.3%
Bulgaria	45.9	43.1	45.9	42.7	41.5	36.1	42.0	46.3	34.9	33.2	**34.8**	5.0%	-2.7%	0.1%
Croatia	16.2	16.7	17.1	16.3	16.3	14.9	15.7	16.4	17.1	17.2	**18.1**	5.2%	1.1%	0.1%
Cyprus	7.5	8.1	8.2	8.2	8.2	7.0	7.2	7.7	7.6	7.8	**8.0**	2.3%	0.6%	†
Czech Republic	102.9	104.8	104.8	103.8	98.2	88.4	92.9	91.9	80.9	75.5	**77.0**	2.3%	-2.9%	0.2%
Denmark	37.0	38.0	35.3	35.6	32.6	27.1	28.7	28.8	26.5	26.2	**23.4**	-10.4%	-4.5%	0.1%
Estonia	21.3	22.2	24.5	24.1	18.3	15.7	16.8	17.9	15.5	14.8	**13.8**	-6.3%	-4.2%	†
Finland	45.7	48.5	45.6	46.6	44.0	37.2	37.6	36.0	31.6	30.9	**29.9**	-2.8%	-4.2%	0.1%
France	308.8	314.3	319.3	309.0	301.6	254.9	281.1	276.7	257.7	252.7	**248.7**	-1.3%	-2.1%	0.7%
Germany	755.6	767.4	774.4	746.2	693.9	617.5	654.4	648.9	577.9	566.1	**557.6**	-1.2%	-3.0%	1.6%
Greece	73.8	70.7	75.0	73.6	69.6	56.3	59.6	63.5	59.6	61.6	**62.1**	1.1%	-1.7%	0.2%
Hungary	43.8	44.7	46.9	47.3	47.1	44.6	46.0	43.6	39.0	38.5	**37.8**	-1.5%	-1.5%	0.1%
Iceland	2.9	2.8	3.1	3.3	2.8	1.8	2.2	2.7	2.9	2.9	**3.0**	0.9%	0.2%	† †
Ireland	38.7	40.4	39.3	39.1	37.6	33.4	35.5	36.3	33.5	33.4	**32.4**	-2.8%	-1.8%	0.1%
Italy	338.4	335.2	333.3	332.6	323.9	282.8	320.3	331.0	304.3	295.5	**294.5**	-0.1%	-1.4%	0.8%
Latvia	7.9	8.2	8.0	7.8	8.4	7.1	7.5	6.6	6.4	6.1	**6.1**	-0.2%	-2.5%	†
Lithuania	11.3	11.8	12.0	12.6	12.4	12.1	12.4	12.0	11.8	11.7	**10.6**	-9.9%	-0.7%	†
Luxembourg	10.1	10.0	10.3	10.8	10.9	9.0	9.7	8.6	8.2	8.1	**7.7**	-4.3%	-2.7%	†
Netherlands	207.8	208.1	204.3	198.1	193.7	172.9	177.1	165.9	155.0	157.7	**157.7**	0.2%	-2.7%	0.4%
North Macedonia	7.4	7.5	7.8	7.5	8.3	7.0	7.1	7.9	7.8	6.9	**7.2**	4.1%	-0.3%	†
Norway	35.6	35.7	37.5	36.2	35.7	33.1	33.5	33.9	32.3	30.4	**31.0**	2.4%	-1.4%	0.1%
Poland	290.1	303.4	316.0	320.7	302.5	284.3	310.4	294.3	269.5	258.2	**263.2**	2.2%	-1.0%	0.7%
Portugal	52.6	52.0	57.3	54.5	50.3	40.5	39.1	42.0	40.7	38.9	**39.6**	2.0%	-2.8%	0.1%
Romania	71.5	69.1	72.7	72.3	70.8	64.6	69.6	65.8	61.7	62.1	**61.2**	-1.2%	-1.6%	0.2%
Slovakia	30.3	31.0	32.9	32.3	30.0	27.8	31.3	28.4	27.7	25.9	**25.3**	-2.2%	-1.8%	0.1%
Slovenia	12.7	13.6	13.9	14.0	13.4	11.9	12.1	11.6	10.9	11.7	**11.0**	-5.5%	-1.4%	†
Spain	286.9	279.4	297.1	291.4	274.6	221.4	242.4	261.0	241.6	248.9	**253.4**	2.1%	-1.2%	0.7%
Sweden	44.2	44.5	43.7	41.9	43.7	39.7	41.8	39.1	37.4	39.9	**39.4**	-0.9%	-1.1%	0.1%
Switzerland	39.5	37.9	38.8	37.0	38.1	32.8	31.6	34.2	33.9	33.3	**33.1**	-0.2%	-1.8%	0.1%
Türkiye	341.1	359.2	404.2	401.8	394.0	384.6	420.7	420.1	413.9	434.2	**451.6**	4.3%	2.8%	1.3%
Ukraine	195.1	215.6	187.8	198.8	186.0	176.1	175.7	110.1	108.2	108.8	**112.5**	3.7%	-5.4%	0.3%
United Kingdom	440.5	414.7	404.2	397.1	380.1	323.9	339.4	338.4	326.2	318.5	**313.4**	-1.3%	-3.3%	0.9%
Other Europe	111.4	116.3	120.2	119.3	119.7	117.7	118.1	121.9	119.0	119.7	**117.9**	-1.2%	0.6%	0.3%
Total Europe	**4211.8**	**4253.8**	**4324.7**	**4270.3**	**4093.6**	**3645.5**	**3892.2**	**3815.9**	**3558.9**	**3534.0**	**3540.9**	**0.5%**	**-1.7%**	**9.9%**
Azerbaijan	33.7	33.2	32.2	34.3	34.3	34.9	36.9	39.2	41.0	39.1	**38.4**	-1.4%	1.3%	0.1%
Belarus	54.8	54.9	55.6	60.5	60.8	55.8	58.1	56.5	53.1	52.6	**51.1**	-2.7%	-0.7%	0.1%
Kazakhstan	174.0	195.5	211.3	218.6	217.0	199.3	220.3	219.6	229.5	233.5	**249.2**	7.0%	3.7%	0.7%
Russian Federation	1520.8	1529.3	1516.9	1573.3	1557.1	1462.5	1513.7	1600.4	1636.7	1663.3	**1644.7**	-0.9%	0.8%	4.6%
Turkmenistan	71.2	69.4	69.6	76.1	75.5	87.5	90.5	96.1	90.9	81.8	**90.8**	11.2%	2.5%	0.3%
Uzbekistan	95.0	99.7	103.7	111.6	113.0	109.3	119.0	116.1	120.9	118.5	**123.3**	4.3%	2.6%	0.3%
Other CIS	28.8	29.3	29.7	33.2	31.3	31.6	33.6	33.4	32.4	36.6	**34.7**	-4.8%	1.9%	0.1%
Total CIS	**1978.4**	**2011.4**	**2019.1**	**2107.6**	**2089.0**	**1980.9**	**2072.2**	**2161.3**	**2204.5**	**2225.5**	**2232.1**	**0.6%**	**1.2%**	**6.2%**
Iran	546.9	567.2	575.8	602.2	629.2	654.8	671.9	697.1	714.1	732.0	**737.4**	1.0%	3.0%	2.1%
Iraq	120.1	128.5	148.2	153.4	162.6	126.2	139.2	149.2	163.2	162.5	**170.1**	5.0%	3.5%	0.5%
Israel	66.7	66.0	66.5	66.8	68.7	62.9	63.4	66.2	63.8	62.7	**59.8**	-4.2%	-1.1%	0.2%
Kuwait	94.6	93.7	94.2	97.0	88.2	82.1	91.9	96.8	101.2	106.8	**106.0**	-0.5%	1.1%	0.3%
Oman	69.1	69.8	71.6	75.4	74.8	70.4	77.3	83.6	85.2	89.2	**94.9**	6.6%	3.2%	0.3%
Qatar	126.4	127.2	118.9	123.9	127.5	111.6	119.9	121.9	133.3	135.0	**136.0**	1.0%	0.7%	0.4%
Saudi Arabia	602.3	635.6	631.6	612.7	576.2	557.6	572.4	617.8	632.0	649.8	**650.5**	0.4%	0.8%	1.8%
United Arab Emirates	264.6	274.8	264.3	246.1	262.1	249.8	254.7	266.2	276.9	277.2	**288.2**	4.3%	0.9%	0.8%
Other Middle East	127.2	121.5	123.5	126.6	126.0	119.7	115.1	114.4	117.6	121.9	**121.6**	0.1%	-0.4%	0.3%
Total Middle East	**2017.7**	**2084.2**	**2094.6**	**2104.2**	**2115.4**	**2035.2**	**2105.9**	**2213.2**	**2287.4**	**2337.0**	**2364.5**	**1.5%**	**1.6%**	**6.6%**
Algeria	129.0	127.7	130.7	137.3	142.4	132.7	144.5	150.2	154.5	160.9	**163.5**	2.0%	2.4%	0.5%
Egypt	206.3	217.4	221.3	219.1	210.7	189.7	208.7	223.1	219.3	225.0	**228.5**	1.8%	1.0%	0.6%
Morocco	56.8	57.2	60.2	61.8	67.9	62.8	69.8	70.3	69.0	69.3	**72.7**	5.2%	2.5%	0.2%
South Africa	455.0	458.5	437.9	455.3	478.3	432.3	431.8	413.2	432.9	451.1	**446.8**	-0.7%	-0.2%	1.2%
Eastern Africa	105.8	105.2	113.8	120.1	120.8	113.4	122.8	131.9	134.0	129.5	**140.4**	8.7%	2.9%	0.4%
Middle Africa	51.6	51.8	49.8	51.1	53.0	45.7	51.2	55.4	54.4	56.7	**54.9**	-2.9%	0.6%	0.2%
Western Africa	156.5	155.3	162.2	171.8	179.5	183.4	211.5	213.0	209.9	220.0	**237.9**	8.4%	4.3%	0.7%
Other Northern Africa	67.0	63.8	64.1	65.0	67.4	67.4	77.0	82.0	83.3	90.6	**95.3**	5.5%	3.6%	0.3%
Other Southern Africa	11.8	12.0	12.4	13.4	12.7	10.8	11.5	11.9	13.0	13.6	**12.2**	-10.2%	0.4%	†
Total Africa	**1239.6**	**1249.0**	**1252.5**	**1294.8**	**1332.8**	**1238.1**	**1328.8**	**1351.0**	**1370.3**	**1416.6**	**1452.2**	**2.8%**	**1.6%**	**4.1%**
Australia	407.5	406.1	404.4	402.7	407.0	376.6	369.2	376.8	372.7	379.8	**374.3**	-1.2%	-0.8%	1.0%
Bangladesh	83.9	83.9	88.4	95.7	107.7	102.1	109.8	117.9	123.2	121.4	**137.7**	13.7%	5.1%	0.4%
China	9148.0	8998.7	9242.5	9571.8	9784.7	9930.9	10324.5	10470.7	11007.5	11169.3	**11220.4**	0.7%	2.1%	31.3%
China Hong Kong SAR	90.4	92.6	98.8	100.0	94.5	68.0	64.4	57.5	65.9	70.7	**70.7**	0.3%	-2.4%	0.2%
India	2119.0	2215.0	2290.4	2388.6	2415.6	2246.5	2474.4	2597.1	2827.4	2953.3	**2962.2**	0.6%	3.4%	8.3%
Indonesia	470.9	462.6	495.2	519.0	558.1	514.8	527.3	698.9	700.2	750.3	**798.8**	6.8%	5.4%	2.2%
Japan	1217.0	1194.8	1186.0	1164.8	1124.3	1040.8	1078.8	1080.0	1021.8	1002.6	**979.6**	-2.0%	-2.1%	2.7%
Malaysia	247.1	252.5	241.3	251.3	255.8	251.2	258.9	290.0	291.0	300.8	**306.4**	2.1%	2.2%	0.9%
New Zealand	35.5	34.6	36.6	36.7	37.8	32.9	32.7	30.6	31.8	32.2	**30.9**	-3.8%	-1.4%	0.1%
Pakistan	165.2	179.4	192.7	196.5	193.2	189.9	213.0	190.4	165.6	161.8	**165.1**	2.3%	†	0.5%
Philippines	105.9	115.9	128.4	133.1	140.3	126.6	135.2	143.1	161.5	170.9	**164.1**	-3.7%	4.5%	0.5%
Singapore	211.6	221.6	234.6	230.2	221.6	207.6	209.7	209.2	227.6	242.0	**245.2**	1.6%	1.5%	0.7%
South Korea	623.5	640.3	650.2	675.5	648.7	598.6	622.5	615.9	600.8	596.7	**590.9**	-0.7%	-0.5%	1.7%
Sri Lanka	20.4	24.1	25.9	25.5	26.7	24.0	24.0	19.9	21.5	23.6	**24.0**	2.1%	1.7%	0.1%
Taiwan	275.8	281.0	287.1	281.3	275.6	262.5	277.5	269.7	262.0	258.8	**254.5**	-1.4%	-0.8%	0.7%
Thailand	281.2	286.8	287.7	293.2	288.4	270.0	265.9	270.8	266.1	273.5	**268.0**	-1.7%	-0.5%	0.7%
Vietnam	174.0	189.5	193.7	237.1	289.2	291.0	267.6	272.8	311.3	336.8	**346.3**	3.1%	7.1%	1.0%
Other Asia Pacific	136.1	144.1	191.9	202.4	219.8	218.0	203.7	210.7	233.2	241.8	**243.7**	1.0%	6.0%	0.7%
Total Asia Pacific	**15813.1**	**15823.2**	**16275.9**	**16805.5**	**17089.1**	**16752.0**	**17459.1**	**17921.9**	**18690.9**	**19086.3**	**19182.9**	**0.8%**	**2.0%**	**53.6%**
Total World	**32797.8**	**32827.3**	**33319.3**	**34056.2**	**34004.6**	**32151.3**	**33807.0**	**34513.2**	**35023.9**	**35497.4**	**35806.2**	**1.1%**	**0.9%**	**100.0%**
of which: OECD	12466.4	12390.9	12442.9	12545.1	12149.4	10896.8	11519.0	11600.4	11126.2	11068.0	**11161.0**	1.1%	-1.1%	31.2%
Non-OECD	20331.4	20436.4	20876.4	21511.1	21855.2	21254.5	22288.1	22912.8	23897.7	24429.5	**24645.2**	1.2%	1.9%	68.8%
European Union	3045.3	3071.8	3130.4	3078.8	2938.8	2577.6	2772.6	2756.2	2524.7	2488.9	**2480.9**	†	-2.0%	6.9%

† Less than 0.05%.

Notes: The carbon emissions above reflect only those through consumption of oil, gas and coal for combustion-related activities, and are based on 'Default CO_2 Emissions Factors for Combustion' listed by the IPCC in its Guidelines for National Greenhouse Gas Inventories (2006).

This does not allow for any carbon that is sequestered, for other sources of carbon emissions, or for emissions of other greenhouse gases.

Our data is therefore not comparable to official national emissions data.

Annual changes and shares of total are calculated using million tonnes of carbon dioxide figures.

Growth rates are adjusted for leap years.

Carbon Carbon dioxide emissions from natural gas flaring

Million tonnes of carbon dioxide	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	1.2	1.0	1.3	1.2	1.2	1.0	1.0	0.9	1.1	1.3	**1.1**	-9.7%	-0.8%	0.3%
Mexico	11.4	11.1	8.1	8.6	10.3	13.3	16.0	14.0	13.8	15.0	**19.1**	28.1%	5.3%	5.8%
US	9.7	7.7	9.3	16.5	23.2	12.8	8.6	8.7	10.3	10.5	**9.7**	-7.2%	†	3.0%
Total North America	**22.4**	**19.9**	**18.7**	**26.4**	**34.7**	**27.1**	**25.6**	**23.6**	**25.1**	**26.8**	**30.0**	**12.4%**	**3.0%**	**9.1%**
Argentina	0.6	0.5	0.6	0.9	1.5	1.3	1.4	1.4	1.3	1.8	**1.4**	-18.9%	8.7%	0.4%
Bolivia	^	0.1	0.1	0.1	0.1	0.1	^	^	^	^	**0.1**	30.7%	5.1%	†
Brazil	1.7	1.8	1.8	1.7	2.1	1.5	1.4	1.3	2.0	1.5	**2.1**	39.1%	2.5%	0.6%
Colombia	0.7	0.5	0.5	0.7	0.6	0.4	0.3	0.2	0.3	0.3	**0.2**	-30.7%	-10.1%	0.1%
Peru	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	-33.8%	-11.6%	†
Trinidad & Tobago	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	**0.2**	15.9%	-7.0%	0.1%
Venezuela	36.6	31.5	26.0	30.2	38.0	33.0	29.8	27.9	27.0	26.2	**26.5**	1.3%	-3.2%	8.1%
Other S. & Cent. America	1.0	1.1	1.1	1.0	1.1	2.1	1.5	1.7	1.8	1.7	**1.8**	4.8%	6.3%	0.6%
Total S. & Cent. America	**41.2**	**36.0**	**30.5**	**35.1**	**43.8**	**38.8**	**34.8**	**32.9**	**32.7**	**31.9**	**32.4**	**1.8%**	**-2.4%**	**9.9%**
Denmark	0.1	0.2	0.1	0.1	0.1	0.1	0.1	^	^	^	**^**	-9.2%	-10.6%	†
Germany	^	^	^	^	^	^	^	^	^	^	**^**	-68.2%	-5.5%	†
Italy	^	^	^	^	^	^	^	^	^	^	**^**	654.6%	15.0%	†
Netherlands	^	^	^	^	^	^	^	^	^	^	**^**	52.1%	-10.3%	†
Norway	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.2	0.1	0.1	**0.1**	-32.4%	-16.7%	†
Poland	^	^	^	^	^	^	^	^	^	^	**^**	99.7%	1.4%	†
Romania	^	^	^	^	^	^	^	0.2	0.2	0.3	**0.3**	5.0%	30.0%	0.1%
Ukraine	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	^	0.4	**0.8**	123.8%	19.1%	0.2%
United Kingdom	1.4	1.5	1.6	1.4	1.3	1.1	0.8	0.5	0.6	0.5	**0.5**	-12.8%	-10.8%	0.1%
Other Europe	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	**0.1**	-42.0%	-6.8%	†
Total Europe	**2.5**	**2.5**	**2.3**	**2.1**	**2.0**	**1.7**	**1.4**	**1.2**	**1.3**	**1.6**	**1.8**	**17.2%**	**-3.0%**	**0.6%**
Azerbaijan	0.3	0.3	0.2	0.3	0.4	0.2	0.2	0.3	0.7	0.3	**0.3**	10.5%	0.6%	0.1%
Kazakhstan	11.1	6.3	5.3	4.7	3.3	2.8	2.9	1.7	1.6	1.7	**1.4**	-16.2%	-18.8%	0.4%
Russian Federation	33.7	39.0	39.8	49.6	55.1	53.3	50.0	51.0	54.3	54.7	**59.5**	9.1%	5.8%	18.1%
Turkmenistan	3.5	3.2	3.4	3.2	3.1	3.6	2.1	1.8	2.0	2.4	**2.4**	0.6%	-3.9%	0.7%
Uzbekistan	1.6	1.4	1.3	1.0	0.8	0.6	0.5	0.5	0.4	0.5	**0.4**	-29.4%	-13.3%	0.1%
Other CIS	^	^	^	^	^	^	^	^	^	^	**^**	-62.2%	-13.8%	†
Total CIS	**50.3**	**50.3**	**50.0**	**58.8**	**62.7**	**60.5**	**55.7**	**55.2**	**58.9**	**59.5**	**64.0**	**7.7%**	**2.4%**	**19.5%**
Bahrain	^	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	**0.1**	13.7%	6.2%	†
Iran	28.4	42.8	48.9	46.7	37.0	31.4	39.2	41.4	51.1	56.1	**58.9**	5.3%	7.6%	17.9%
Iraq	54.6	61.4	62.1	55.4	57.4	47.1	46.8	47.3	48.0	47.3	**47.6**	0.9%	-1.4%	14.5%
Kuwait	1.7	2.4	1.7	1.7	1.7	1.2	0.9	0.8	1.0	1.1	**1.3**	24.9%	-2.2%	0.4%
Oman	3.4	4.2	4.3	4.4	4.9	4.3	4.0	2.8	2.5	3.0	**3.4**	12.6%	0.1%	1.0%
Qatar	2.6	2.3	2.5	2.2	2.4	2.3	2.2	2.2	2.4	2.4	**2.3**	-0.5%	-0.9%	0.7%
Saudi Arabia	4.3	4.6	4.8	4.2	5.6	3.8	3.5	3.2	4.9	4.8	**4.7**	-2.6%	0.9%	1.4%
Syria	0.6	1.0	2.8	0.9	1.3	1.3	1.4	1.3	1.3	1.5	**1.2**	-14.6%	6.9%	0.4%
United Arab Emirates	1.8	1.5	2.1	2.6	1.9	1.9	1.6	1.7	2.0	1.8	**2.7**	51.1%	4.2%	0.8%
Yemen	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Other Middle East	1.2	0.4	0.6	0.9	1.3	1.4	1.5	1.0	0.6	0.5	**0.4**	-21.8%	-10.8%	0.1%
Total Middle East	**98.5**	**120.8**	**129.8**	**119.1**	**113.7**	**94.9**	**101.2**	**101.8**	**113.8**	**118.5**	**122.6**	**3.8%**	**2.2%**	**37.4%**
Algeria	23.3	23.4	21.0	21.5	22.1	21.9	16.6	17.3	16.4	16.7	**17.5**	5.3%	-2.8%	5.3%
Egypt	4.3	5.1	3.7	3.8	3.9	3.4	2.7	2.4	2.3	2.1	**2.1**	-1.5%	-7.1%	0.6%
Libya	6.1	5.3	8.9	11.4	13.6	5.3	14.5	12.5	17.6	16.6	**19.1**	15.5%	12.1%	5.8%
Nigeria	14.1	13.7	15.4	16.1	16.2	13.7	12.9	10.2	10.0	12.0	**13.0**	8.3%	-0.8%	4.0%
Other Africa	18.9	20.3	16.4	14.7	13.2	12.6	12.5	13.3	12.8	12.5	**13.6**	8.6%	-3.2%	4.1%
Total Africa	**66.7**	**67.8**	**65.4**	**67.5**	**68.9**	**56.9**	**59.2**	**55.7**	**59.2**	**60.0**	**65.3**	**9.2%**	**-0.2%**	**19.9%**
Australia	2.0	1.4	2.4	2.9	3.9	1.7	1.5	1.2	1.1	1.0	**1.1**	12.3%	-5.5%	0.3%
Bangladesh	^	^	^	^	^	^	^	^	^	^	**^**	-70.7%	-10.4%	†
Brunei	0.4	0.5	0.6	0.5	0.5	0.3	0.3	0.1	0.1	0.1	**0.2**	43.0%	-8.0%	0.1%
China	2.0	1.7	1.7	2.2	2.6	3.9	3.4	3.4	3.1	2.6	**2.5**	-2.9%	2.5%	0.8%
India	2.7	2.3	2.2	2.1	1.8	2.1	2.1	2.3	1.8	1.8	**1.2**	-30.4%	-7.5%	0.4%
Indonesia	2.9	3.0	2.4	2.3	2.2	1.8	1.5	1.5	2.0	1.8	**1.7**	-2.9%	-5.1%	0.5%
Malaysia	7.3	5.7	5.3	4.0	3.6	3.8	3.1	2.7	2.2	2.6	**3.3**	24.5%	-7.8%	1.0%
Myanmar	0.1	^	^	^	^	^	^	^	^	^	**^**	-12.5%	-19.9%	†
Pakistan	0.4	0.3	0.3	0.3	0.4	0.2	0.2	0.2	0.3	0.3	**0.3**	-10.8%	-3.8%	0.1%
Thailand	0.5	0.5	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	**0.2**	4.1%	-7.9%	0.1%
Vietnam	1.2	0.9	1.1	1.0	0.9	0.7	0.5	0.7	0.7	0.8	**1.3**	69.1%	1.4%	0.4%
Other Asia Pacific	0.8	0.8	0.6	0.6	0.4	0.4	0.5	0.6	0.5	0.5	**0.3**	-40.7%	-9.3%	0.1%
Total Asia Pacific	**20.1**	**17.2**	**17.2**	**16.2**	**16.8**	**15.3**	**13.4**	**12.9**	**12.1**	**11.7**	**12.1**	**4.0%**	**-4.9%**	**3.7%**
Total World	**301.7**	**314.6**	**313.8**	**325.2**	**342.6**	**295.2**	**291.3**	**283.3**	**303.3**	**309.9**	**328.3**	**6.2%**	**0.8%**	**100.0%**
of which: OECD	27.5	24.4	24.0	32.1	41.3	30.9	28.7	26.1	27.7	29.1	**32.1**	10.7%	1.6%	9.8%
Non-OECD	274.2	290.2	289.8	293.1	301.3	264.3	262.6	257.3	275.6	280.8	**296.1**	5.7%	0.8%	90.2%
European Union	0.4	0.5	0.3	0.4	0.3	0.3	0.4	0.4	0.5	0.5	**0.4**	-16.0%	0.5%	0.1%

^ Less than 0.05.
† Less than 0.05%.

Notes: Data from 2013 onward: Made utilising VIIRS Nightfire (VNF) nightly data produced by the Earth Observation Group, Payne Institute for Public Policy, Colorado School of Mines, including a methodology update in 2025. See **https://www.worldbank.org/en/programs/gasflaringreduction/brief/updating-the-global-gas-flaring-tracker-methodology** for more details.
Annual changes and shares of total are calculated using million tonnes of carbon dioxide figures.
Growth rates are adjusted for leap years.

Carbon

Carbon dioxide equivalent emissions from energy, process emissions, methane and flaring

Million tonnes of carbon dioxide equivalent	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	614.0	602.8	621.3	636.4	628.4	562.9	575.6	592.5	599.2	605.3	**614.2**	1.7%	†	1.5%
Mexico	550.5	557.7	564.4	554.0	536.1	480.0	505.7	526.8	539.4	533.0	**533.5**	0.4%	-0.3%	1.3%
US	5526.2	5405.1	5364.4	5566.9	5462.5	4902.2	5186.1	5264.7	5119.1	5102.6	**5249.2**	3.2%	-0.5%	12.8%
Total North America	**6690.7**	**6565.6**	**6550.2**	**6757.3**	**6627.0**	**5945.0**	**6267.5**	**6384.0**	**6257.7**	**6240.9**	**6396.9**	**2.8%**	**-0.4%**	**15.6%**
Argentina	216.0	216.6	212.2	211.8	204.5	188.4	211.9	222.5	218.1	212.3	**212.7**	0.5%	-0.2%	0.5%
Brazil	559.9	518.7	522.6	502.7	505.7	474.8	528.4	506.0	524.3	522.8	**538.1**	3.2%	-0.4%	1.3%
Chile	88.8	93.8	95.2	94.7	96.1	86.4	95.2	94.8	84.4	84.2	**86.8**	3.4%	-0.2%	0.2%
Colombia	125.4	134.6	126.2	128.6	132.9	114.5	120.6	132.8	135.6	136.3	**122.4**	-10.0%	-0.2%	0.3%
Ecuador	47.8	45.9	44.5	47.0	45.7	37.8	45.0	48.8	53.8	56.9	**56.5**	-0.3%	1.7%	0.1%
Peru	57.1	61.0	58.6	60.2	62.1	50.9	61.9	66.0	67.7	71.1	**72.1**	1.6%	2.4%	0.2%
Trinidad & Tobago	31.7	28.4	27.6	26.6	25.9	22.3	20.7	21.7	21.0	20.8	**20.0**	-3.8%	-4.5%	†
Venezuela	359.3	331.0	297.7	257.0	231.9	170.7	186.6	201.9	226.7	238.5	**236.8**	-0.5%	-4.1%	0.6%
Central America	73.6	76.4	76.4	76.6	85.0	66.6	75.4	78.6	84.9	88.0	**88.9**	1.3%	1.9%	0.2%
Other Caribbean	114.3	117.1	113.7	116.8	115.4	104.9	106.1	106.7	106.5	108.6	**112.3**	3.7%	-0.2%	0.3%
Other South America	45.4	47.1	47.7	48.4	48.4	45.1	50.3	52.0	52.0	53.9	**53.5**	-0.4%	1.7%	0.1%
Total S. & Cent. America	**1719.4**	**1670.6**	**1622.5**	**1570.5**	**1553.7**	**1362.5**	**1502.1**	**1531.6**	**1574.9**	**1593.4**	**1600.1**	**0.7%**	**-0.7%**	**3.9%**
Austria	63.8	64.3	66.7	64.6	66.0	58.2	61.4	58.4	55.8	54.0	**54.3**	0.8%	-1.6%	0.1%
Belgium	117.7	119.5	121.3	128.1	124.3	107.9	116.5	112.4	105.9	106.5	**107.5**	1.2%	-0.9%	0.3%
Bulgaria	48.7	45.8	48.7	45.4	44.2	38.5	44.5	48.7	37.0	35.0	**36.5**	4.7%	-2.8%	0.1%
Croatia	18.3	18.6	19.2	18.2	18.1	16.7	17.4	17.8	18.6	18.6	**19.4**	4.6%	0.6%	†
Czech Republic	109.3	111.1	110.9	109.8	104.5	94.0	98.2	96.3	85.3	79.2	**80.7**	2.1%	-3.0%	0.2%
Denmark	39.2	40.3	37.7	37.8	34.6	29.0	30.5	30.6	27.9	27.7	**24.9**	-9.7%	-4.4%	0.1%
Estonia	21.6	22.5	24.9	24.5	18.7	15.8	16.9	18.0	15.6	14.9	**13.9**	-6.4%	-4.3%	†
France	317.2	322.9	327.7	317.5	310.3	262.9	289.5	284.8	265.1	259.4	**255.8**	-1.1%	-2.1%	0.6%
Germany	772.4	784.5	792.5	763.8	711.6	635.1	672.5	666.1	593.3	579.5	**571.0**	-1.2%	-3.0%	1.4%
Greece	78.9	75.6	80.0	78.3	74.0	59.9	63.2	66.8	63.0	64.6	**65.0**	0.9%	-1.9%	0.2%
Hungary	45.6	46.5	48.7	49.2	49.3	46.8	48.1	45.2	40.4	40.0	**39.2**	-1.7%	-1.5%	0.1%
Ireland	40.6	43.1	42.1	42.0	40.3	35.8	38.1	38.5	35.7	35.3	**34.2**	-2.8%	-1.7%	0.1%
Italy	351.3	347.5	345.8	345.2	336.5	294.6	333.0	342.3	314.5	304.6	**303.9**	†	-1.4%	0.7%
Lithuania	11.9	12.3	12.4	13.1	13.0	12.6	13.0	12.7	12.3	12.3	**11.1**	-9.4%	-0.6%	†
Netherlands	208.2	208.5	204.8	198.5	193.8	173.1	177.2	166.0	155.4	158.2	**157.9**	0.1%	-2.7%	0.4%
North Macedonia	7.4	7.5	7.8	7.5	8.3	7.0	7.1	7.9	7.8	6.9	**7.2**	4.1%	-0.3%	†
Norway	37.5	37.5	39.3	37.9	37.3	34.7	35.1	35.6	33.5	31.5	**32.3**	2.6%	-1.5%	0.1%
Poland	319.6	334.1	347.6	352.9	335.3	317.2	343.7	326.5	298.0	286.6	**290.1**	1.5%	-1.0%	0.7%
Romania	81.6	78.5	82.5	82.2	80.9	74.4	79.7	75.6	71.6	71.9	**70.9**	-1.0%	-1.4%	0.2%
Slovakia	31.8	32.5	34.5	33.8	31.5	29.4	32.8	30.0	29.1	27.3	**26.6**	-2.1%	-1.8%	0.1%
Slovenia	13.1	14.0	14.3	14.5	13.9	12.4	12.6	12.1	11.5	12.2	**11.5**	-5.3%	-1.3%	†
Spain	296.1	288.8	306.5	301.1	283.6	229.6	250.8	268.7	249.6	256.8	**261.6**	2.1%	-1.2%	0.6%
Sweden	45.8	46.0	45.2	43.5	45.1	41.0	43.1	40.4	38.8	41.2	**40.7**	-0.9%	-1.2%	0.1%
Türkiye	381.2	402.8	449.8	448.3	434.7	433.9	473.8	467.4	462.0	485.8	**503.4**	3.9%	2.8%	1.2%
Ukraine	225.1	245.7	217.0	229.5	215.9	205.2	204.7	131.8	132.7	138.6	**142.8**	3.3%	-4.4%	0.3%
United Kingdom	451.8	426.5	415.9	408.7	391.7	334.5	349.4	347.7	336.3	328.3	**323.1**	-1.3%	-3.3%	0.8%
Other Europe	288.7	294.2	302.8	298.4	293.5	264.5	263.8	270.2	260.2	257.6	**255.0**	-0.7%	-1.2%	0.6%
Total Europe	**4424.5**	**4471.2**	**4546.7**	**4494.6**	**4311.1**	**3864.6**	**4116.6**	**4018.1**	**3756.9**	**3734.4**	**3740.5**	**0.4%**	**-1.7%**	**9.1%**
Azerbaijan	43.0	42.4	40.9	43.7	44.0	43.8	46.3	49.1	52.8	47.9	**48.1**	0.8%	1.1%	0.1%
Belarus	58.0	58.2	59.1	64.4	64.9	59.2	61.5	59.5	55.5	54.9	**53.4**	-2.5%	-0.8%	0.1%
Kazakhstan	240.6	255.7	275.0	284.2	277.8	259.6	277.9	275.9	297.2	301.2	**328.3**	9.3%	3.2%	0.8%
Russian Federation	2020.7	2045.7	2050.4	2142.9	2146.3	2019.5	2101.4	2165.4	2193.1	2228.7	**2205.9**	-0.8%	0.9%	5.4%
Turkmenistan	146.0	141.7	141.9	150.3	151.6	161.9	175.5	182.1	172.5	161.3	**169.7**	5.5%	1.5%	0.4%
Uzbekistan	119.9	125.2	129.5	140.4	142.4	137.0	149.0	143.1	150.8	145.5	**151.0**	4.0%	2.3%	0.4%
Other CIS	31.3	31.7	33.3	37.6	36.0	36.3	38.8	38.3	37.8	42.1	**40.5**	-3.4%	2.6%	0.1%
Total CIS	**2659.5**	**2700.5**	**2730.2**	**2863.4**	**2862.9**	**2717.4**	**2850.3**	**2913.5**	**2959.6**	**2981.6**	**2996.9**	**0.8%**	**1.2%**	**7.3%**
Iran	758.9	819.2	845.8	870.0	865.4	883.9	920.9	955.8	975.4	995.4	**1004.0**	1.1%	2.8%	2.4%
Iraq	278.3	307.3	329.4	334.1	349.1	291.6	306.6	325.4	341.3	340.3	**348.2**	2.6%	2.3%	0.8%
Israel	69.5	68.6	69.2	69.3	71.1	65.4	66.0	69.1	65.8	64.9	**62.3**	-3.8%	-1.1%	0.2%
Kuwait	119.5	121.2	119.1	122.3	113.6	104.9	114.7	121.6	132.9	132.2	**131.9**	†	1.0%	0.3%
Oman	90.6	93.2	94.4	99.6	99.6	96.4	105.3	111.7	112.1	116.4	**122.2**	5.3%	3.0%	0.3%
Qatar	150.7	151.5	143.0	147.8	151.2	135.1	143.8	146.2	158.1	159.7	**160.7**	0.9%	0.6%	0.4%
Saudi Arabia	707.8	744.7	733.6	717.3	678.5	657.0	674.1	727.0	735.2	753.0	**757.1**	0.8%	0.7%	1.8%
United Arab Emirates	320.1	329.9	317.7	299.5	316.8	301.0	305.8	320.7	330.5	331.9	**343.9**	3.9%	0.7%	0.8%
Other Middle East	151.4	142.1	148.5	149.2	149.2	142.5	139.3	138.3	140.5	143.0	**142.4**	-0.2%	-0.6%	0.3%
Total Middle East	**2646.7**	**2777.6**	**2800.7**	**2809.1**	**2794.5**	**2677.9**	**2776.4**	**2915.7**	**2991.9**	**3036.8**	**3072.6**	**1.5%**	**1.5%**	**7.5%**
Algeria	229.6	232.7	234.0	241.9	245.6	232.3	251.1	258.7	261.4	261.3	**264.8**	1.6%	1.4%	0.6%
Egypt	256.3	269.4	273.2	271.0	262.1	237.9	261.7	274.5	268.2	274.3	**279.1**	2.0%	0.9%	0.7%
Morocco	62.4	62.7	65.5	66.8	73.1	67.5	75.1	75.0	73.6	73.8	**77.7**	5.6%	2.2%	0.2%
South Africa	493.9	497.7	476.7	494.3	517.3	469.3	467.5	449.6	486.3	498.1	**495.5**	-0.2%	†	1.2%
Eastern Africa	127.7	126.9	136.0	143.3	144.4	137.6	146.3	158.3	159.0	152.9	**163.9**	7.5%	2.5%	0.4%
Middle Africa	111.5	112.7	105.2	104.2	104.9	94.5	96.6	101.2	114.4	117.1	**113.8**	-2.6%	0.2%	0.3%
Western Africa	254.2	246.7	257.4	270.5	282.8	281.1	303.6	294.9	295.3	308.9	**334.3**	8.5%	2.8%	0.8%
Other Northern Africa	113.1	107.7	128.7	139.8	148.3	106.2	165.3	157.6	155.6	169.6	**184.2**	8.9%	5.0%	0.4%
Other Southern Africa	12.1	12.3	12.7	13.6	13.0	11.1	11.8	12.3	13.4	14.0	**12.6**	-9.8%	0.4%	†
Total Africa	**1660.7**	**1668.8**	**1689.5**	**1745.5**	**1791.5**	**1637.3**	**1778.9**	**1782.0**	**1827.3**	**1870.2**	**1926.0**	**3.3%**	**1.5%**	**4.7%**
Australia	466.6	464.3	465.2	464.0	473.4	440.4	429.8	437.2	436.6	442.3	**436.2**	-1.1%	-0.7%	1.1%
Bangladesh	94.5	95.3	100.0	107.0	119.2	113.7	121.7	128.9	129.5	131.5	**145.7**	11.1%	4.4%	0.4%
China	10332.2	10168.9	10435.4	10801.4	11086.3	11268.2	11678.8	11767.7	12371.2	12527.7	**12531.9**	0.3%	1.9%	30.5%
China Hong Kong SAR	91.1	93.3	99.4	100.6	95.1	68.6	64.9	58.1	66.5	71.3	**71.4**	0.3%	-2.4%	0.2%
India	2327.8	2430.3	2498.4	2618.5	2651.9	2457.3	2708.5	2864.7	3132.5	3260.5	**3281.7**	0.9%	3.5%	8.0%
Indonesia	595.7	593.7	628.7	660.9	705.7	653.8	666.9	846.4	862.3	919.3	**960.4**	4.8%	4.9%	2.3%
Japan	1248.2	1226.1	1217.6	1195.9	1154.3	1070.0	1107.9	1106.7	1047.5	1026.8	**1002.0**	-2.2%	-2.2%	2.4%
Malaysia	274.9	278.8	266.3	275.4	279.7	269.0	277.8	309.0	309.9	321.4	**328.1**	2.4%	1.8%	0.8%
New Zealand	37.5	36.3	38.3	38.2	39.3	34.2	33.9	31.7	32.9	33.2	**31.8**	-3.9%	-1.6%	0.1%
Pakistan	190.5	205.5	218.6	223.9	220.7	219.9	244.4	218.8	196.8	193.1	**195.0**	1.2%	0.2%	0.5%
Philippines	116.2	125.8	139.4	144.8	151.0	135.6	145.6	154.1	173.0	182.1	**175.1**	-3.6%	4.2%	0.4%
South Korea	649.3	667.0	676.6	700.3	673.7	621.6	646.2	639.4	623.7	617.3	**610.8**	-0.8%	-0.6%	1.5%
Taiwan	282.2	286.4	292.5	286.8	281.2	268.3	283.5	275.5	267.2	263.8	**259.5**	-1.4%	-0.8%	0.6%
Thailand	312.3	320.4	320.1	325.6	320.9	301.6	295.2	297.0	294.8	302.6	**296.5**	-1.7%	-0.5%	0.7%
Vietnam	222.5	239.4	249.3	299.8	359.3	364.1	342.1	342.0	376.3	400.7	**419.0**	4.8%	6.5%	1.0%
Other Asia Pacific	383.7	410.6	479.6	487.5	501.8	480.4	469.9	470.3	526.6	554.6	**558.6**	1.0%	3.8%	1.4%
Total Asia Pacific	**17625.3**	**17642.1**	**18125.4**	**18730.7**	**19113.6**	**18766.6**	**19517.1**	**19947.3**	**20847.6**	**21248.2**	**21303.5**	**0.5%**	**1.9%**	**51.9%**
Total World	**37426.9**	**37496.5**	**38065.1**	**38971.2**	**39054.4**	**36971.3**	**38808.9**	**39492.2**	**40215.8**	**40705.5**	**41036.6**	**1.1%**	**0.9%**	**100.0%**
of which: OECD	13303.1	13209.9	13284.4	13435.5	13086.9	11776.7	12407.7	12506.1	12051.4	11987.9	**12092.0**	1.1%	-1.0%	29.5%
Non-OECD	24123.7	24286.5	24780.7	25535.7	25967.6	25194.6	26401.2	26986.1	28164.3	28717.6	**28944.5**	1.1%	1.8%	70.5%
European Union	3168.9	3196.0	3257.7	3206.3	3066.0	2699.5	2896.9	2872.7	2633.6	2591.6	**2582.1**	-0.1%	-2.0%	6.3%

† Less than 0.05%.

Notes: The emissions above are the sum of carbon dioxide emissions from energy, carbon dioxide emissions from flaring, methane emissions (in carbon dioxide equivalent) associated with the production, transportation and distribution of fossil fuels, and carbon dioxide emissions from industrial processes.
Data is shown only from 1990 to avoid structural breaks in the series. Data prior to 1990 can be found in the individual component emissions tables where available.
Annual changes and shares of total are calculated using million tonnes of carbon dioxide figures.
Growth rates are adjusted for leap years.

Carbon Carbon capture, usage and storage (CCUS)

Capture capacity Million tonnes per year*	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	 2020–25	Share 2025
Canada	10.6	10.6	10.8	13.0	13.2	**19.3**	45.7%	12.7%	7.5%
Mexico	0.5	0.5	0.5	0.5	0.5	**0.5**	†	†	0.2%
US	77.9	78.0	78.4	82.4	84.1	**93.9**	11.7%	3.8%	36.3%
Total North America	**89.1**	**89.2**	**89.7**	**95.9**	**97.9**	**113.7**	**16.2%**	**5.0%**	**43.9%**
Brazil	28.5	28.5	28.5	28.5	28.5	**33.0**	16.1%	3.0%	12.8%
Total S. & Cent. America	**28.5**	**28.5**	**28.5**	**28.5**	**28.5**	**33.0**	**16.1%**	**3.0%**	**12.8%**
Germany	2.9	2.9	2.9	2.9	2.9	**3.6**	23.0%	4.3%	1.4%
Norway	5.4	5.4	5.5	5.5	5.5	**6.3**	14.7%	2.8%	2.4%
Other Europe	10.8	10.8	11.6	11.7	12.8	**18.1**	42.0%	11.0%	7.0%
Total Europe	**19.1**	**19.1**	**19.9**	**20.1**	**21.1**	**28.0**	**32.3%**	**7.9%**	**10.8%**
Total CIS	–	–	–	–	–	**–**	–	–	–
Qatar	4.2	4.2	8.4	8.4	8.4	**8.4**	†	14.9%	3.2%
Saudi Arabia	2.6	2.6	2.6	2.6	2.6	**2.6**	†	†	1.0%
UAE	1.6	1.6	1.6	1.6	1.6	**7.6**	373.3%	36.6%	2.9%
Other Middle East	–	–	–	–	^	**^**	†	–	†
Total Middle East	**8.4**	**8.4**	**12.6**	**12.6**	**12.6**	**18.6**	**47.6%**	**17.2%**	**7.2%**
South Africa	0.3	0.3	0.3	0.3	0.3	**0.3**	†	†	0.1%
Total Africa	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	†	†	**0.1%**
Australia	18.0	18.0	18.0	18.0	22.8	**22.8**	†	4.8%	8.8%
China	9.9	10.1	13.0	15.3	16.3	**28.5**	74.7%	23.5%	11.0%
Other Asia Pacific	6.8	6.8	6.8	6.8	6.9	**13.9**	101.8%	15.3%	5.4%
Total Asia Pacific	**34.7**	**35.0**	**37.9**	**40.2**	**46.0**	**65.2**	**41.7%**	**13.4%**	**25.2%**
Total World	**180.1**	**180.5**	**188.9**	**197.6**	**206.5**	**258.9**	**25.4%**	**7.5%**	**100.0%**
of which: OECD	130.9	131.0	132.3	138.7	146.6	**169.7**	15.8%	5.3%	65.5%
Non-OECD	49.2	49.5	56.6	58.9	59.9	**89.3**	49.0%	12.6%	34.5%
European Union	11.3	11.3	12.1	12.1	13.1	**17.4**	33.0%	9.0%	6.7%

* Technologies include direct air capture, oxy-combustion, pre-combustion, and post-combustion.
^ Less than 0.05.
† Less than 0.05%.
Source: S&P Global Energy, ©2026 by S&P Global Inc.

Carbon Prices

	Compliance Markets						Voluntary Markets								
	Australian Carbon Credit Unit	Korean Allowance Units	UK Emissions Trading Scheme	EU Emissions Trading Scheme ETS	California Carbon Allowance	Regional Greenhouse Gas Initiative	Platts CORSIA-Eligible Credits (CEC)	Platts Carbon Removal Credits (CRC)	Platts Household Devices	Platts CAC	Platts US Biochar	Platts Nature-based Avoidance Southeast Asia	Platts Natural Carbon Capture	Platts Blue Carbon	Platts Renewable Energy
	AUD$/$teCO_2$	Won₩/$teCO_2$	GBP£/$teCO_2$	EUR€/$teCO_2$	US $/$teCO_2$	US $/$tonCO_2$	$/$teCO_2$e								
2012	–	–	–	6.87	–	–	–	–	–	–	–	–	–	–	–
2013	–	–	–	4.53	–	–	–	–	–	–	–	–	–	–	–
2014	–	–	–	6.01	–	–	–	–	–	–	–	–	–	–	–
2015	–	–	–	7.72	–	–	–	–	–	–	–	–	–	–	–
2016	–	–	–	5.36	–	–	–	–	–	–	–	–	–	–	–
2017	–	–	–	5.84	–	–	–	–	–	–	–	–	–	–	–
2018	–	–	–	15.85	–	–	–	–	–	–	–	–	–	–	–
2019	–	–	–	24.91	–	–	–	–	–	–	–	–	–	–	–
2020	–	–	–	24.83	–	–	–	–	–	–	–	–	–	–	–
2021	–	–	56.85	53.52	–	–	4.16	14.53	7.12	7.32	112.80	10.03	14.53	–	4.53
2022	–	–	79.08	81.17	29.06	13.42	4.77	16.00	9.46	6.81	138.84	13.11	16.00	–	4.90
2023	33.08	10,442.14	55.38	85.27	33.15	13.61	1.41	13.36	5.67	3.02	129.72	6.22	13.36	–	2.41
2024	35.45	9,614.23	38.86	66.47	35.50	22.56	14.41	12.51	4.13	1.82	124.76	3.84	12.51	26.62	1.43
2025	**35.7**	**9,220.02**	**50.17**	**74.91**	**29.12**	**22.37**	**21.29**	**14.31**	**2.93**	**1.37**	**146.96**	**7.35**	**14.31**	**27.80**	**0.85**

Source: S&P Global Energy, ©2026 by S&P Global Inc.



Oil

Middle East still dominated production but others scaled up

After four years of declining growth rates in oil consumption since 2021, the trend reversed in 2025. Oil consumption grew by 1.3%, up from 1.1% the year before, taking total demand to 103mmbpd. China, the US and Western Africa region were the largest contributors to growth in absolute terms, accounting for 35%, 19% and 6% of the global increase respectively.

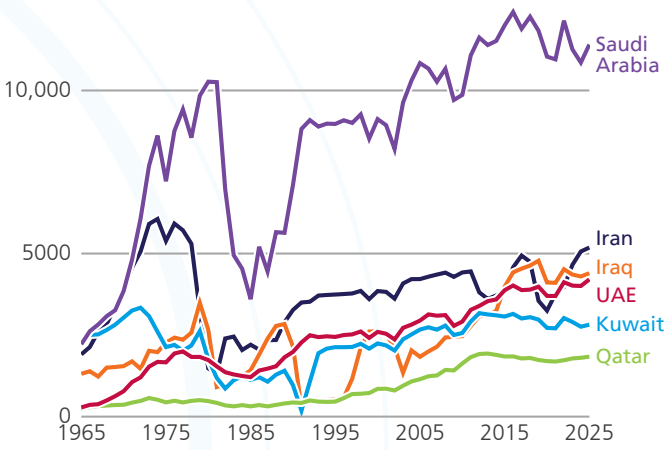
Global growth of oil production was modest but uneven, with the strongest increases seen in South and Central America (10.3%), where growth was primarily driven by significant increases in Argentina, Brazil, Venezuela and Guyana. Around the world, smaller producers were increasingly influential, with high growth rates (although from lower bases). Still, the Middle East remained dominant, accounting for 31% of global production. Saudi Arabia remained the largest producer and posted the largest growth (5.1%); Iran's steady expansion increased production by 2.4% year-on-year.

In oil refining, the Asia-Pacific region had the largest share in both capacity (36.6%) and throughput (37.3%) in 2025, mainly driven by China and India, followed by North America.

Fuel oil was the only product to decline in consumption (-2.2% year-on-year), while jet fuel/kerosene grew fastest (+3.6%), reaching pre-COVID consumption levels after four consecutive years of recovery.

Saudi Arabia is the undisputed champion of Persian Gulf oil production. A contested middle ground exists among fellow OPEC members and neighbours

Oil production, per country (kbd)



Jet fuel reached pre-COVID levels after four years of continued growth

Oil Production in thousands of barrels per day*

Thousand barrels daily	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	4388	4464	4813	5244	5371	5128	5414	5575	5648	5895	**6164**	4.6%	3.5%	6.1%
Mexico	2587	2456	2224	2068	1918	1910	1926	1943	2040	1911	**1780**	-6.9%	-3.7%	1.8%
US	12776	12362	13144	15322	17139	16511	16736	17937	19442	20276	**21065**	3.9%	5.1%	20.9%
Total North America	**19750**	**19281**	**20181**	**22635**	**24428**	**23549**	**24076**	**25455**	**27130**	**28082**	**29009**	**3.3%**	**3.9%**	**28.8%**
Argentina	646	610	590	592	720	721	797	955	1072	1217	**1427**	17.2%	8.2%	1.4%
Brazil	2525	2607	2731	2691	2890	3030	2991	3112	3499	3453	**3881**	12.4%	4.4%	3.9%
Colombia	1006	886	854	865	886	781	736	754	779	773	**749**	-3.1%	-2.9%	0.7%
Ecuador	543	548	531	517	531	479	473	481	475	475	**441**	-7.3%	-2.1%	0.4%
Guyana	–	–	–	–	1	74	117	278	391	616	**716**	16.2%	–	0.7%
Peru	153	141	136	139	144	125	124	122	117	117	**118**	0.9%	-2.6%	0.1%
Trinidad & Tobago	109	97	99	87	82	76	77	74	74	67	**71**	6.7%	-4.1%	0.1%
Venezuela	2864	2566	2209	1635	1015	650	643	778	865	975	**1104**	13.2%	-9.1%	1.1%
Other S. & Cent. America	146	135	133	128	121	112	114	109	102	96	**86**	-9.9%	-5.1%	0.1%
Total S. & Cent. America	**7991**	**7590**	**7285**	**6654**	**6390**	**6050**	**6071**	**6663**	**7374**	**7789**	**8593**	**10.3%**	**0.7%**	**8.5%**
Denmark	158	142	138	116	103	72	66	65	60	60	**72**	19.8%	-7.5%	0.1%
Italy	113	78	86	97	89	113	103	94	90	93	**80**	-13.5%	-3.4%	0.1%
Norway	1946	1997	1972	1851	1739	2004	2029	1903	2020	2000	**2045**	2.2%	0.5%	2.0%
Romania	83	79	76	75	75	72	70	66	63	60	**56**	-6.7%	-3.9%	0.1%
United Kingdom	964	1015	1005	1092	1118	1049	874	809	715	653	**669**	2.5%	-3.6%	0.7%
Other Europe	329	312	302	307	302	289	290	262	271	295	**316**	7.2%	-0.4%	0.3%
Total Europe	**3594**	**3622**	**3580**	**3538**	**3426**	**3599**	**3431**	**3199**	**3219**	**3162**	**3240**	**2.5%**	**-1.0%**	**3.2%**
Azerbaijan	841	828	782	784	763	703	708	669	621	598	**572**	-4.3%	-3.8%	0.6%
Kazakhstan	1672	1637	1813	1900	1903	1796	1805	1771	1891	1840	**2088**	13.5%	2.2%	2.1%
Russian Federation	11087	11342	11374	11562	11679	10666	11000	11202	11073	10758	**10737**	-0.2%	-0.3%	10.7%
Turkmenistan	271	270	269	259	254	219	206	203	191	188	**191**	1.3%	-3.4%	0.2%
Uzbekistan	60	57	61	64	62	44	46	45	43	41	**39**	-6.8%	-4.3%	†
Other CIS	36	36	37	38	39	39	41	43	44	45	**46**	1.4%	2.5%	†
Total CIS	**13966**	**14171**	**14336**	**14607**	**14701**	**13468**	**13806**	**13933**	**13864**	**13471**	**13672**	**1.5%**	**-0.2%**	**13.6%**
Iran	3853	4578	4939	4747	3551	3250	3766	3974	4653	5063	**5184**	2.4%	3.0%	5.2%
Iraq	3986	4423	4538	4632	4779	4114	4102	4520	4355	4298	**4396**	2.3%	1.0%	4.4%
Kuwait	3069	3150	3009	3050	2976	2721	2707	3023	2902	2757	**2820**	2.3%	-0.8%	2.8%
Oman	981	1004	971	978	971	951	971	1064	1049	993	**1002**	1.0%	0.2%	1.0%
Qatar	1844	1846	1783	1798	1737	1703	1689	1729	1783	1805	**1838**	1.8%	†	1.8%
Saudi Arabia	11998	12406	11892	12261	11832	11039	10954	12140	11261	10856	**11408**	5.1%	-0.5%	11.3%
Syria	27	25	25	24	34	43	43	43	40	35	**34**	-2.1%	2.4%	†
United Arab Emirates	3876	4020	3880	3894	3984	3702	3699	4120	4017	4006	**4207**	5.0%	0.8%	4.2%
Yemen	54	43	71	94	95	88	83	74	59	51	**22**	-56.8%	-8.5%	†
Other Middle East	213	214	208	207	214	202	208	209	208	204	**205**	0.8%	-0.4%	0.2%
Total Middle East	**29901**	**31709**	**31316**	**31685**	**30173**	**27812**	**28223**	**30896**	**30328**	**30067**	**31116**	**3.5%**	**0.4%**	**30.9%**
Algeria	1558	1577	1540	1511	1487	1332	1353	1443	1466	1472	**1517**	3.0%	-0.3%	1.5%
Angola	1796	1745	1671	1519	1416	1319	1182	1189	1159	1187	**1098**	-7.5%	-4.8%	1.1%
Chad	111	117	98	116	127	126	116	124	134	128	**111**	-13.3%	†	0.1%
Republic of Congo	234	232	270	330	336	307	274	269	278	267	**278**	4.0%	1.7%	0.3%
Egypt	726	691	660	674	653	632	608	611	608	581	**544**	-6.3%	-2.8%	0.5%
Equatorial Guinea	260	223	195	176	160	158	131	121	88	97	**79**	-18.9%	-11.3%	0.1%
Gabon	214	221	210	193	218	207	181	191	223	224	**227**	1.5%	0.6%	0.2%
Libya	412	388	892	1135	1196	423	1253	1109	1237	1188	**1400**	17.8%	13.0%	1.4%
Nigeria	2199	1898	1966	2000	2093	1894	1678	1445	1540	1641	**1760**	7.2%	-2.2%	1.7%
South Sudan	148	137	147	144	172	165	153	141	148	86	**133**	53.3%	-1.1%	0.1%
Sudan	109	84	70	74	72	63	64	62	57	38	**26**	-30.9%	-13.4%	†
Tunisia	57	54	45	44	40	37	45	38	37	32	**29**	-10.3%	-6.5%	†
Other Africa	277	271	319	319	354	338	301	291	292	357	**400**	12.3%	3.8%	0.4%
Total Africa	**8099**	**7636**	**8086**	**8236**	**8324**	**7002**	**7339**	**7033**	**7268**	**7298**	**7601**	**4.2%**	**-0.6%**	**7.6%**
Australia	378	353	322	342	458	454	444	412	381	370	**340**	-8.0%	-1.1%	0.3%
Brunei	127	121	113	112	121	110	107	92	89	99	**107**	8.2%	-1.7%	0.1%
China	4309	3999	3846	3802	3848	3901	3994	4111	4198	4264	**4340**	1.8%	0.1%	4.3%
India	904	896	897	892	851	795	770	739	730	728	**719**	-1.2%	-2.3%	0.7%
Indonesia	838	873	837	808	781	742	692	647	638	612	**614**	0.3%	-3.1%	0.6%
Malaysia	712	743	732	728	688	629	574	566	549	540	**540**	-0.1%	-2.7%	0.5%
Thailand	481	489	486	475	475	421	398	328	324	353	**384**	9.0%	-2.2%	0.4%
Vietnam	352	317	284	257	236	207	196	194	188	177	**178**	0.6%	-6.6%	0.2%
Other Asia Pacific	293	277	269	230	227	204	195	167	158	146	**137**	-6.2%	-7.4%	0.1%
Total Asia Pacific	**8393**	**8068**	**7787**	**7646**	**7685**	**7463**	**7369**	**7256**	**7254**	**7288**	**7359**	**1.0%**	**-1.3%**	**7.3%**
Total World	**91695**	**92076**	**92570**	**95001**	**95127**	**88943**	**90315**	**94434**	**96438**	**97156**	**100590**	**3.5%**	**0.9%**	**100.0%**
of which: OECD	24592	24009	24808	27242	29056	28247	28553	29704	31401	32282	**33237**	3.0%	3.1%	33.0%
Non-OECD	67103	68068	67762	67760	66071	60696	61762	64731	65037	64873	**67352**	3.8%	†	67.0%
OPEC	34522	35680	35541	35564	33628	29798	30741	33132	32886	32844	**34379**	4.7%	†	34.2%
Non-OPEC	57173	56396	57029	59437	61499	59145	59575	61303	63552	64312	**66210**	3.0%	1.5%	65.8%
European Union	534	468	463	448	414	392	372	344	328	329	**324**	-1.5%	-4.9%	0.3%

Source: Includes data from FGE NexantECA.

* Includes crude oil, shale oil, oil sands, condensates (lease condensate or gas condensates that require further refining) and NGLs (natural gas liquids – ethane, LPG and naphtha separated from the production of natural gas).

† Less than 0.05%.

Excludes liquid fuels from other sources such as biofuels and synthetic derivatives of coal and natural gas. This also excludes liquid fuel adjustment factors such as refinery processing gain.

Excludes oil shales/kerogen extracted in solid form.

Note: Annual changes and shares of total are calculated using thousand barrels daily figures.

Oil Production in million tonnes*

Million tonnes	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	216.1	218.8	236.6	257.7	263.4	252.0	266.6	273.9	277.7	290.2	**302.2**	4.4%	3.4%	6.4%
Mexico	127.5	121.4	109.5	102.3	94.9	95.1	96.4	97.6	102.5	96.4	**89.4**	-7.0%	-3.5%	1.9%
US	566.7	543.0	574.4	669.7	751.2	714.2	718.1	766.7	830.0	862.9	**889.9**	3.4%	4.6%	18.9%
Total North America	**910.3**	**883.2**	**920.4**	**1029.7**	**1109.5**	**1061.2**	**1081.1**	**1138.3**	**1210.2**	**1249.4**	**1281.5**	**2.8%**	**3.5%**	**27.3%**
Argentina	30.0	28.6	27.3	27.6	33.8	33.7	37.6	45.4	51.2	58.7	**68.9**	17.7%	8.7%	1.5%
Brazil	132.2	136.7	142.6	140.6	151.2	159.3	156.9	163.2	183.6	181.7	**203.6**	12.4%	4.4%	4.3%
Colombia	53.0	46.8	45.0	45.6	46.7	41.3	38.8	39.7	41.0	40.8	**39.4**	-3.1%	-2.9%	0.8%
Ecuador	29.1	29.5	28.5	27.7	28.5	25.8	25.3	25.8	25.5	25.5	**23.6**	-7.3%	-2.1%	0.5%
Guyana	-	-	-	-	0.1	3.7	5.8	13.8	19.5	30.8	**35.6**	16.2%	-	0.8%
Peru	6.5	5.8	5.7	5.9	6.1	5.2	5.1	5.1	4.9	4.9	**5.0**	2.3%	-2.7%	0.1%
Trinidad & Tobago	4.8	4.3	4.4	3.9	3.7	3.4	3.5	3.4	3.4	3.0	**3.2**	6.2%	-4.0%	0.1%
Venezuela	147.6	132.6	113.6	84.3	52.3	33.6	33.1	40.2	44.7	50.6	**57.3**	13.4%	-9.0%	1.2%
Other S. & Cent. America	7.4	6.8	6.7	6.4	6.1	5.7	5.8	5.6	5.2	4.9	**4.5**	-9.7%	-4.9%	0.1%
Total S. & Cent. America	**410.7**	**391.2**	**373.8**	**341.9**	**328.4**	**311.7**	**311.9**	**342.2**	**379.0**	**401.0**	**441.1**	**10.3%**	**0.7%**	**9.4%**
Denmark	7.7	6.9	6.7	5.6	5.0	3.5	3.2	3.2	2.9	3.0	**3.5**	19.8%	-7.5%	0.1%
Italy	5.5	3.8	4.1	4.7	4.3	5.4	4.9	4.5	4.3	4.5	**3.9**	-12.8%	-3.4%	0.1%
Norway	87.6	90.3	88.9	83.3	78.7	92.1	93.9	89.0	94.6	93.7	**96.2**	2.9%	0.9%	2.0%
Romania	4.0	3.8	3.6	3.6	3.6	3.5	3.3	3.1	3.0	2.9	**2.7**	-6.9%	-4.0%	0.1%
United Kingdom	45.3	47.4	46.6	50.9	51.8	49.0	40.9	37.8	33.4	30.4	**31.2**	2.9%	-3.7%	0.7%
Other Europe	16.4	15.6	15.0	15.2	15.0	14.4	14.4	13.2	13.6	14.9	**15.9**	7.3%	-0.3%	0.3%
Total Europe	**166.5**	**167.8**	**165.0**	**163.3**	**158.3**	**167.8**	**160.6**	**150.8**	**151.9**	**149.3**	**153.4**	**3.0%**	**-0.8%**	**3.3%**
Azerbaijan	41.7	41.1	38.7	38.8	37.6	34.6	34.6	32.7	30.3	29.2	**27.8**	-4.5%	-4.0%	0.6%
Kazakhstan	79.5	78.0	86.2	90.4	90.6	85.7	85.9	84.2	90.0	87.7	**99.4**	13.6%	2.3%	2.1%
Russian Federation	544.6	558.5	558.5	567.9	573.4	524.4	538.8	548.5	541.6	526.6	**523.3**	-0.4%	-0.4%	11.1%
Turkmenistan	13.2	13.2	13.1	12.5	12.2	10.4	9.8	9.6	9.1	9.0	**9.1**	1.4%	-3.7%	0.2%
Uzbekistan	2.7	2.6	2.8	2.9	2.8	2.0	2.1	2.1	2.0	1.9	**1.8**	-6.8%	-4.3%	†
Other CIS	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.2	2.3	**2.3**	1.4%	2.5%	†
Total CIS	**683.4**	**695.2**	**701.1**	**714.3**	**718.5**	**659.1**	**673.2**	**679.2**	**675.1**	**656.7**	**663.6**	**1.3%**	**-0.3%**	**14.1%**
Iran	180.2	216.1	234.5	223.4	164.4	149.8	174.2	183.3	215.9	236.8	**242.1**	2.5%	3.0%	5.2%
Iraq	195.6	217.6	222.4	227.0	234.2	202.0	200.8	221.3	213.0	210.7	**214.6**	2.2%	0.9%	4.6%
Kuwait	148.2	152.7	145.0	146.8	143.4	131.2	130.0	145.5	139.5	132.0	**134.7**	2.3%	-1.0%	2.9%
Oman	48.0	49.3	47.6	47.8	47.3	46.1	46.8	51.4	50.6	47.9	**48.1**	0.7%	†	1.0%
Qatar	77.4	77.6	74.8	75.1	72.3	71.6	70.4	72.0	74.3	75.5	**76.3**	1.3%	-0.1%	1.6%
Saudi Arabia	568.0	586.7	559.3	576.8	556.6	519.6	515.0	573.1	528.9	510.2	**535.8**	5.3%	-0.6%	11.4%
Syria	1.2	1.1	1.1	1.1	1.5	2.0	2.0	2.0	1.9	1.7	**1.6**	-2.2%	3.0%	†
United Arab Emirates	175.1	181.6	174.9	176.0	179.9	166.9	166.0	185.5	180.2	179.8	**189.1**	5.5%	0.8%	4.0%
Yemen	2.2	1.6	3.0	4.1	4.1	3.8	3.5	3.1	2.4	2.0	**1.1**	-47.0%	-6.9%	†
Other Middle East	10.5	10.6	10.2	10.2	10.4	9.9	10.2	10.2	10.2	10.0	**10.0**	0.8%	-0.4%	0.2%
Total Middle East	**1406.5**	**1495.0**	**1472.8**	**1488.3**	**1414.1**	**1302.9**	**1319.0**	**1447.4**	**1417.0**	**1406.4**	**1453.4**	**3.6%**	**0.3%**	**30.9%**
Algeria	67.2	68.4	66.6	65.3	64.3	57.6	58.2	62.1	63.0	63.6	**65.4**	3.2%	-0.3%	1.4%
Angola	88.2	85.8	81.6	74.1	69.0	64.4	57.3	57.7	56.1	57.6	**53.0**	-7.7%	-5.0%	1.1%
Chad	5.8	6.1	5.2	6.1	6.7	6.6	6.1	6.5	7.0	6.7	**5.8**	-13.3%	†	0.1%
Republic of Congo	11.9	11.9	13.8	16.9	17.2	15.8	14.0	13.7	14.2	13.7	**14.2**	4.0%	1.8%	0.3%
Egypt	35.4	33.8	32.2	32.8	31.8	31.1	29.6	29.8	29.7	28.4	**26.5**	-6.5%	-2.9%	0.6%
Equatorial Guinea	12.1	10.3	9.0	8.1	7.4	7.4	6.1	5.6	4.0	4.3	**3.5**	-18.9%	-11.7%	0.1%
Gabon	10.7	11.0	10.5	9.7	10.9	10.4	9.0	9.5	11.1	11.2	**11.3**	1.5%	0.6%	0.2%
Libya	19.4	18.2	42.1	53.4	56.1	19.6	58.8	51.9	57.9	55.7	**66.1**	18.9%	13.1%	1.4%
Nigeria	105.7	91.3	94.4	96.2	100.9	91.4	80.7	69.3	73.9	78.9	**84.0**	6.8%	-2.3%	1.8%
South Sudan	7.3	6.8	7.3	7.1	8.4	8.1	7.5	6.9	7.3	4.3	**6.5**	53.3%	-1.1%	0.1%
Sudan	5.4	4.2	3.4	3.7	3.6	3.1	3.2	3.1	2.8	1.9	**1.3**	-30.9%	-13.4%	†
Tunisia	2.6	2.4	2.1	2.0	1.8	1.7	2.1	1.8	1.7	1.5	**1.3**	-10.6%	-6.7%	†
Other Africa	13.7	13.5	15.7	15.7	17.4	16.7	14.8	14.3	14.3	17.5	**19.8**	12.9%	3.7%	0.4%
Total Africa	**385.4**	**363.7**	**383.8**	**391.1**	**395.5**	**333.8**	**347.3**	**332.1**	**343.2**	**345.3**	**358.8**	**4.2%**	**-0.7%**	**7.6%**
Australia	16.8	15.4	13.9	14.6	19.3	19.1	18.4	17.1	15.6	15.1	**13.8**	-8.7%	-2.0%	0.3%
Brunei	6.2	5.9	5.5	5.4	5.9	5.4	5.2	4.5	4.3	4.8	**5.2**	8.3%	-1.6%	0.1%
China	214.6	199.7	191.5	189.3	191.6	194.8	198.9	204.7	209.0	212.9	**216.1**	1.8%	0.1%	4.6%
India	41.2	40.6	40.4	39.5	37.5	35.1	34.0	33.0	32.6	32.4	**31.9**	-1.4%	-2.5%	0.7%
Indonesia	40.6	42.6	40.9	39.5	38.1	36.3	33.7	31.5	31.1	29.9	**29.9**	0.4%	-3.0%	0.6%
Malaysia	32.8	34.0	33.4	33.2	31.2	28.6	26.2	25.8	25.0	24.5	**24.4**	-0.2%	-2.9%	0.5%
Thailand	17.6	18.1	17.6	17.0	16.9	15.1	13.9	11.5	11.2	12.4	**13.4**	8.3%	-2.7%	0.3%
Vietnam	17.2	15.5	13.9	12.4	11.4	10.0	9.5	9.3	9.0	8.5	**8.5**	0.8%	-6.7%	0.2%
Other Asia Pacific	13.1	12.4	12.0	10.3	10.1	9.2	8.7	7.5	7.1	6.6	**6.1**	-6.0%	-7.3%	0.1%
Total Asia Pacific	**400.0**	**384.2**	**369.1**	**361.2**	**362.2**	**353.7**	**348.6**	**344.8**	**344.9**	**347.1**	**349.4**	**0.9%**	**-1.3%**	**7.4%**
Total World	**4362.8**	**4380.3**	**4386.1**	**4489.9**	**4486.5**	**4190.2**	**4241.8**	**4434.8**	**4521.3**	**4555.2**	**4701.1**	**3.5%**	**0.7%**	**100.0%**
of which: OECD	1139.8	1106.6	1138.0	1246.5	1326.8	1282.8	1292.5	1340.1	1413.4	1449.5	**1483.1**	2.6%	2.7%	31.5%
Non-OECD	3223.0	3273.8	3248.1	3243.4	3159.6	2907.5	2949.3	3094.7	3107.9	3105.7	**3217.9**	3.9%	†	68.5%
OPEC	1641.8	1698.5	1686.2	1684.0	1587.6	1405.3	1446.0	1560.9	1546.6	1547.4	**1618.1**	4.9%	-0.1%	34.4%
Non-OPEC	2721.0	2681.8	2699.9	2805.9	2898.9	2785.0	2795.8	2873.9	2974.7	3007.8	**3083.0**	2.8%	1.3%	65.6%
European Union	26.1	22.9	22.6	21.9	20.2	19.2	18.1	16.7	15.9	16.1	**15.8**	-1.3%	-4.9%	0.3%

Source: Includes data from FGE NexantECA.

* Includes crude oil, shale oil, oil sands, condensates (lease condensate or gas condensates that require further refining) and NGLs (natural gas liquids – ethane, LPG and naphtha separated from the production of natural gas).

† Less than 0.05%.

Excludes liquid fuels from other sources such as biofuels and synthetic derivatives of coal and natural gas. This also excludes liquid fuel adjustment factors such as refinery processing gain.

Excludes oil shales/kerogen extracted in solid form.

Note: Annual changes and shares of total are calculated using million tonnes figures.

Growth rates are adjusted for leap years.

Oil Crude oil and condensate production in thousands of barrels per day*

Thousand barrels daily	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	3863	3868	4216	4596	4690	4469	4745	4866	4935	5136	**5358**	4.3%	3.3%	6.2%
Mexico	2267	2154	1948	1833	1701	1705	1756	1785	1875	1759	**1635**	-7.0%	-3.2%	1.9%
US	9433	8852	9361	10953	12315	11336	11311	12004	12943	13235	**13586**	2.7%	3.7%	15.8%
Total North America	**15563**	**14874**	**15526**	**17383**	**18706**	**17510**	**17813**	**18655**	**19754**	**20130**	**20580**	**2.2%**	**2.8%**	**24.0%**
Argentina	532	511	480	490	608	601	682	832	946	1096	**1300**	18.6%	9.3%	1.5%
Brazil	2437	2510	2622	2587	2788	2940	2905	3022	3402	3358	**3770**	12.3%	4.5%	4.4%
Colombia	1006	886	854	865	886	781	736	754	779	773	**749**	-3.1%	-2.9%	0.9%
Ecuador	543	548	531	517	531	479	473	481	475	475	**441**	-7.3%	-2.1%	0.5%
Guyana	–	–	–	–	1	74	117	278	391	616	**716**	16.2%	–	0.8%
Peru	104	91	88	92	95	77	78	80	73	72	**77**	5.8%	-3.0%	0.1%
Trinidad & Tobago	79	71	72	63	59	57	60	58	60	51	**54**	5.6%	-3.7%	0.1%
Venezuela	2747	2461	2105	1571	974	624	616	750	836	944	**1071**	13.5%	-9.0%	1.2%
Other S. & Cent. America	133	123	119	114	108	100	101	97	91	86	**77**	-10.0%	-5.3%	0.1%
Total S. & Cent. America	**7581**	**7200**	**6871**	**6299**	**6050**	**5733**	**5768**	**6351**	**7053**	**7471**	**8254**	**10.5%**	**0.9%**	**9.6%**
Denmark	158	142	138	116	103	72	66	65	60	60	**72**	19.8%	-7.5%	0.1%
Italy	113	78	86	97	89	112	100	92	88	91	**80**	-11.4%	-3.4%	0.1%
Norway	1608	1647	1620	1516	1439	1713	1776	1704	1815	1790	**1858**	3.8%	1.5%	2.2%
Romania	80	76	73	72	71	68	66	62	59	57	**52**	-7.3%	-4.2%	0.1%
United Kingdom	903	933	913	1002	1019	961	807	742	659	592	**611**	3.2%	-3.8%	0.7%
Other Europe	316	297	284	289	285	274	274	256	265	289	**309**	6.9%	-0.2%	0.4%
Total Europe	**3179**	**3173**	**3114**	**3092**	**3006**	**3200**	**3090**	**2922**	**2946**	**2879**	**2983**	**3.6%**	**-0.6%**	**3.5%**
Azerbaijan	840	826	781	783	762	702	707	667	618	595	**569**	-4.4%	-3.8%	0.7%
Kazakhstan	1672	1637	1813	1900	1903	1796	1805	1771	1891	1840	**2088**	13.5%	2.2%	2.4%
Russian Federation	10617	10863	10898	11083	11186	10192	10455	10669	10554	10222	**10161**	-0.6%	-0.4%	11.8%
Turkmenistan	254	250	248	236	228	189	179	173	166	165	**168**	1.5%	-4.1%	0.2%
Uzbekistan	60	57	61	64	62	44	46	45	43	41	**39**	-6.8%	-4.3%	†
Other CIS	36	36	37	38	39	39	41	43	44	45	**46**	1.4%	2.5%	0.1%
Total CIS	**13478**	**13670**	**13839**	**14104**	**14180**	**12963**	**13233**	**13368**	**13316**	**12908**	**13070**	**1.3%**	**-0.3%**	**15.2%**
Iran	3392	4090	4491	4241	3023	2734	3184	3312	3926	4330	**4446**	2.7%	2.7%	5.2%
Iraq	3945	4375	4473	4568	4712	4049	4032	4446	4271	4207	**4289**	1.9%	0.8%	5.0%
Kuwait	2782	2860	2704	2737	2678	2438	2415	2707	2590	2411	**2470**	2.4%	-1.2%	2.9%
Oman	981	1004	971	978	971	951	971	1064	1049	993	**1002**	1.0%	0.2%	1.2%
Qatar	1374	1373	1333	1328	1266	1276	1248	1267	1307	1321	**1321**	0.1%	-0.4%	1.5%
Saudi Arabia	10420	10688	10175	10533	10145	9430	9394	10509	9609	9203	**9727**	5.7%	-0.7%	11.3%
Syria	19	17	17	16	25	33	33	33	30	26	**25**	-2.9%	2.7%	†
United Arab Emirates	3262	3366	3250	3293	3345	3094	3074	3464	3346	3316	**3510**	5.9%	0.7%	4.1%
Yemen	28	16	44	67	67	60	55	46	32	24	**22**	-6.6%	-2.4%	†
Other Middle East	203	204	198	196	196	184	193	193	193	188	**190**	0.8%	-0.7%	0.2%
Total Middle East	**26407**	**27994**	**27656**	**27956**	**26427**	**24250**	**24600**	**27041**	**26353**	**26018**	**27002**	**3.8%**	**0.2%**	**31.5%**
Algeria	1290	1316	1287	1259	1239	1099	1105	1178	1193	1205	**1249**	3.7%	-0.3%	1.5%
Angola	1780	1722	1632	1479	1373	1278	1130	1144	1103	1130	**1040**	-8.0%	-5.2%	1.2%
Chad	111	117	98	116	127	126	116	124	134	128	**111**	-13.3%	†	0.1%
Republic of Congo	227	225	263	323	329	300	267	262	271	260	**271**	4.1%	1.8%	0.3%
Egypt	662	631	603	617	597	587	561	567	563	537	**499**	-7.0%	-2.8%	0.6%
Equatorial Guinea	242	204	174	157	144	143	119	108	78	79	**64**	-18.8%	-12.5%	0.1%
Gabon	214	221	210	193	218	207	181	191	223	224	**227**	1.5%	0.6%	0.3%
Libya	402	377	879	1108	1160	389	1207	1060	1188	1136	**1374**	21.0%	13.1%	1.6%
Nigeria	2119	1822	1890	1922	2014	1833	1620	1378	1471	1557	**1643**	5.5%	-2.5%	1.9%
South Sudan	148	137	147	144	172	165	153	141	148	86	**133**	53.3%	-1.1%	0.2%
Sudan	109	84	70	74	72	63	64	62	57	38	**26**	-30.9%	-13.4%	†
Tunisia	52	46	39	38	36	33	41	35	33	29	**25**	-11.1%	-7.0%	†
Other Africa	277	271	319	319	353	337	300	290	291	356	**400**	12.4%	3.7%	0.5%
Total Africa	**7632**	**7171**	**7611**	**7749**	**7834**	**6561**	**6863**	**6538**	**6753**	**6763**	**7062**	**4.4%**	**-0.8%**	**8.2%**
Australia	322	290	263	282	361	351	335	311	280	270	**245**	-9.3%	-2.7%	0.3%
Brunei	115	109	101	100	110	100	98	83	81	91	**99**	8.9%	-1.5%	0.1%
China	4309	3999	3846	3802	3848	3901	3994	4111	4198	4264	**4340**	1.8%	0.1%	5.1%
India	772	752	744	719	677	636	620	609	605	600	**589**	-1.8%	-2.7%	0.7%
Indonesia	786	829	801	772	745	708	659	612	606	580	**581**	0.2%	-3.0%	0.7%
Malaysia	677	683	674	668	626	570	535	527	516	503	**503**	0.1%	-2.9%	0.6%
Thailand	248	258	240	228	228	202	177	143	136	153	**162**	5.4%	-4.2%	0.2%
Vietnam	342	308	275	243	225	195	185	182	175	164	**166**	1.1%	-7.0%	0.2%
Other Asia Pacific	261	246	237	204	202	184	177	151	143	132	**125**	-5.5%	-7.1%	0.1%
Total Asia Pacific	**7832**	**7474**	**7181**	**7020**	**7022**	**6848**	**6779**	**6731**	**6740**	**6757**	**6809**	**0.8%**	**-1.4%**	**7.9%**
Total World	**81670**	**81557**	**81798**	**83603**	**83225**	**77065**	**78146**	**81607**	**82916**	**82925**	**85760**	**3.4%**	**0.5%**	**100.0%**
of which: OECD	19933	19094	19631	21488	22824	21712	21847	22524	23648	23945	**24455**	2.1%	2.1%	28.5%
Non-OECD	61738	62463	62167	62115	60401	55352	56300	59083	59269	58980	**61305**	3.9%	-0.1%	71.5%
OPEC	31042	32004	31901	31905	29980	26341	27213	29363	29003	28871	**30341**	5.1%	-0.2%	35.4%
Non-OPEC	50629	49553	49897	51699	53245	50724	50933	52244	53914	54053	**55419**	2.5%	0.9%	64.6%
European Union	522	456	450	436	402	382	359	333	316	318	**313**	-1.3%	-5.0%	0.4%

* Includes crude oil, shale/tight oil, oil sands, lease condensate or gas condensates that require further refining. Excludes liquid fuels from other sources such as biomass and synthetic derivatives of coal and natural gas.
† Less than 0.05%.
Note: Annual changes and shares of total are calculated using thousand barrels daily figures.

Oil Natural gas liquids production in thousands of barrels per day*

Thousand barrels daily	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	525	595	597	647	680	660	669	708	713	759	**806**	6.1%	4.4%	5.4%
Mexico	320	302	276	235	217	205	170	158	164	152	**144**	-5.0%	-7.6%	1.0%
US	3342	3509	3783	4369	4824	5175	5425	5933	6499	7041	**7479**	6.2%	8.4%	50.4%
Total North America	**4187**	**4407**	**4656**	**5252**	**5722**	**6039**	**6263**	**6800**	**7376**	**7952**	**8429**	**6.0%**	**7.2%**	**56.8%**
Argentina	114	99	110	102	112	120	114	123	126	121	**126**	4.6%	1.1%	0.9%
Brazil	88	97	110	104	102	90	86	91	98	95	**111**	17.0%	2.4%	0.7%
Colombia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Ecuador	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Guyana	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Peru	49	50	48	47	49	48	46	43	43	45	**41**	-7.2%	-1.7%	0.3%
Trinidad & Tobago	30	25	27	24	23	20	17	15	14	16	**18**	10.3%	-5.2%	0.1%
Venezuela	117	105	104	64	42	26	27	28	30	31	**33**	5.4%	-11.9%	0.2%
Other S. & Cent. America	13	12	15	14	13	13	13	12	11	10	**9**	-9.1%	-3.4%	0.1%
Total S. & Cent. America	**411**	**389**	**414**	**354**	**340**	**316**	**303**	**312**	**321**	**318**	**339**	**6.6%**	**-1.9%**	**2.3%**
Denmark	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Italy	–	–	–	–	–	1	2	2	2	3	**^**	-89.5%	–	†
Norway	338	349	352	335	300	292	252	198	206	210	**187**	-10.9%	-5.7%	1.3%
Romania	3	4	3	3	4	4	4	4	3	4	**4**	3.0%	1.2%	†
United Kingdom	60	82	92	90	99	88	67	67	56	61	**58**	-4.8%	-0.3%	0.4%
Other Europe	13	15	18	18	17	15	16	6	6	6	**7**	21.6%	-6.2%	†
Total Europe	**415**	**449**	**465**	**446**	**420**	**399**	**341**	**276**	**273**	**283**	**256**	**-9.5%**	**-4.7%**	**1.7%**
Azerbaijan	1	1	1	1	1	1	1	1	4	3	**3**	2.2%	10.5%	†
Kazakhstan	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Russian Federation	470	479	476	479	493	474	544	533	520	536	**575**	7.4%	2.0%	3.9%
Turkmenistan	17	20	21	23	27	30	27	30	24	23	**23**	0.3%	3.3%	0.2%
Uzbekistan	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Other CIS	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Total CIS	**488**	**500**	**497**	**503**	**521**	**505**	**573**	**565**	**548**	**562**	**602**	**7.1%**	**2.1%**	**4.1%**
Iran	461	488	448	506	528	516	582	662	727	733	**738**	0.7%	4.8%	5.0%
Iraq	41	48	64	64	68	64	70	74	84	91	**107**	18.0%	10.2%	0.7%
Kuwait	288	290	305	313	299	283	292	316	312	346	**351**	1.2%	2.0%	2.4%
Oman	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Qatar	470	473	450	471	470	427	441	462	476	484	**516**	6.6%	0.9%	3.5%
Saudi Arabia	1578	1718	1717	1728	1687	1609	1560	1632	1652	1652	**1681**	1.7%	0.6%	11.3%
Syria	8	8	8	8	9	10	10	10	10	9	**9**	†	1.5%	0.1%
United Arab Emirates	614	654	630	600	639	608	625	656	671	690	**697**	1.1%	1.3%	4.7%
Yemen	26	26	27	28	28	28	28	28	28	28	**–**	-100.0%	-100.0%	–
Other Middle East	10	10	10	11	19	18	15	16	16	15	**16**	0.9%	4.6%	0.1%
Total Middle East	**3494**	**3715**	**3659**	**3730**	**3746**	**3563**	**3622**	**3855**	**3975**	**4049**	**4115**	**1.6%**	**1.6%**	**27.7%**
Algeria	268	261	254	252	247	233	248	265	272	268	**268**	0.1%	†	1.8%
Angola	16	23	39	40	43	41	52	46	56	58	**58**	1.3%	13.7%	0.4%
Chad	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Republic of Congo	7	7	7	7	7	7	7	7	7	7	**7**	–	–	†
Egypt	64	60	57	58	56	44	47	45	45	44	**45**	2.7%	-3.5%	0.3%
Equatorial Guinea	17	19	21	19	17	15	12	13	10	18	**15**	-19.2%	-1.8%	0.1%
Gabon	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Libya	11	11	14	27	36	34	46	49	49	52	**25**	-51.6%	9.0%	0.2%
Nigeria	80	76	77	79	79	61	59	67	69	84	**117**	38.7%	3.9%	0.8%
South Sudan	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Sudan	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Tunisia	5	7	6	5	4	4	5	3	5	4	**4**	-3.8%	-2.2%	†
Other Africa	–	–	–	1	1	1	1	1	1	1	**1**	-7.8%	–	†
Total Africa	**468**	**465**	**475**	**487**	**491**	**441**	**476**	**495**	**515**	**535**	**539**	**0.7%**	**1.4%**	**3.6%**
Australia	56	64	59	60	97	103	109	101	101	99	**95**	-4.6%	5.4%	0.6%
Brunei	11	12	13	12	12	10	8	9	9	9	**9**	0.3%	-2.8%	0.1%
China	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
India	133	144	153	173	174	159	151	130	124	128	**130**	1.5%	-0.2%	0.9%
Indonesia	52	44	36	36	35	34	33	34	32	32	**33**	2.3%	-4.5%	0.2%
Malaysia	35	59	58	60	62	59	39	38	33	38	**37**	-2.4%	0.6%	0.2%
Thailand	233	231	247	247	246	219	221	185	188	199	**223**	11.8%	-0.4%	1.5%
Vietnam	9	10	9	13	12	12	11	11	13	13	**12**	-6.2%	2.7%	0.1%
Other Asia Pacific	33	31	32	26	26	21	17	16	15	13	**12**	-12.5%	-9.8%	0.1%
Total Asia Pacific	**562**	**594**	**606**	**626**	**664**	**615**	**590**	**524**	**514**	**531**	**549**	**3.4%**	**-0.2%**	**3.7%**
Total World	**10025**	**10520**	**10773**	**11398**	**11902**	**11878**	**12169**	**12827**	**13521**	**14231**	**14830**	**4.2%**	**4.0%**	**100.0%**
of which: OECD	4659	4915	5177	5753	6232	6535	6706	7180	7753	8337	**8783**	5.3%	6.5%	59.2%
Non-OECD	5366	5604	5596	5645	5670	5344	5463	5648	5768	5893	**6047**	2.6%	1.2%	40.8%
OPEC	3480	3676	3641	3659	3648	3457	3528	3769	3883	3973	**4038**	1.6%	1.5%	27.2%
Non-OPEC	6544	6843	7132	7739	8254	8422	8642	9059	9638	10258	**10792**	5.2%	5.1%	72.8%
European Union	12	12	13	12	11	11	13	11	11	12	**11**	-7.5%	-0.5%	0.1%

Source: Includes data from FGE NexantECA, ICIS.
* Includes ethane, LPG and naphtha separated from the production of natural gas. Excludes condensates.
^ Less than 0.5.
† Less than 0.05%.
Note: Annual changes and shares of total are calculated using thousand barrels daily figures.

Oil Total liquids consumption in thousands of barrels per day*

Thousand barrels daily	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	2490	2480	2451	2519	2527	2215	2266	2366	2404	2446	**2491**	1.9%	†	2.3%
Mexico	2028	2038	1985	1910	1752	1571	1701	1843	1814	1808	**1800**	-0.5%	-1.2%	1.7%
US	19532	19692	19952	20512	20543	18186	19890	20010	20275	20464	**20610**	0.7%	0.5%	19.3%
Total North America	**24050**	**24210**	**24388**	**24940**	**24822**	**21972**	**23856**	**24220**	**24493**	**24717**	**24901**	**0.7%**	**0.3%**	**23.4%**
Argentina	691	691	674	650	609	537	634	707	683	631	**630**	-0.2%	-0.9%	0.6%
Brazil	3231	3039	3076	3034	3132	2906	3059	3159	3273	3378	**3496**	3.5%	0.8%	3.3%
Chile	340	359	366	379	378	346	380	411	406	402	**400**	-0.7%	1.6%	0.4%
Colombia	376	417	406	423	432	366	429	483	475	471	**474**	0.5%	2.3%	0.4%
Ecuador	255	241	238	256	250	204	250	272	286	292	**292**	-0.1%	1.4%	0.3%
Peru	236	251	257	264	272	211	260	270	279	288	**309**	7.4%	2.7%	0.3%
Trinidad & Tobago	44	45	40	34	35	30	30	32	33	33	**34**	1.4%	-2.6%	†
Venezuela	711	622	543	435	413	226	248	293	350	311	**314**	0.8%	-7.9%	0.3%
Central America	425	442	455	450	490	384	442	469	499	523	**537**	2.7%	2.4%	0.5%
Other Caribbean	644	662	656	666	616	533	540	545	535	541	**562**	3.8%	-1.4%	0.5%
Other South America	209	220	224	233	240	218	252	256	261	273	**274**	0.3%	2.7%	0.3%
Total S. & Cent. America	**7162**	**6989**	**6937**	**6825**	**6869**	**5962**	**6523**	**6896**	**7079**	**7145**	**7320**	**2.4%**	**0.2%**	**6.9%**
Austria	258	264	265	270	276	238	253	243	245	240	**235**	-2.1%	-0.9%	0.2%
Belgium	619	626	633	680	638	557	618	601	586	595	**597**	0.3%	-0.4%	0.6%
Bulgaria	98	101	105	105	109	99	104	111	110	114	**115**	0.8%	1.6%	0.1%
Croatia	68	68	73	71	71	60	65	69	76	81	**84**	4.2%	2.1%	0.1%
Cyprus	47	51	52	52	52	44	46	49	49	50	**52**	3.5%	1.0%	†
Czech Republic	194	179	213	214	218	190	209	213	211	219	**217**	-0.9%	1.1%	0.2%
Denmark	161	159	158	160	161	136	140	149	146	148	**138**	-7.1%	-1.5%	0.1%
Estonia	29	29	30	30	27	28	28	28	27	28	**26**	-6.0%	-1.0%	†
Finland	211	214	211	209	212	190	190	194	175	178	**181**	1.3%	-1.5%	0.2%
France	1645	1615	1646	1605	1600	1340	1448	1448	1436	1436	**1428**	-0.5%	-1.4%	1.3%
Germany	2336	2377	2536	2408	2431	2214	2197	2244	2111	2119	**2113**	-0.3%	-1.0%	2.0%
Greece	297	297	301	298	308	251	266	303	297	307	**311**	1.3%	0.5%	0.3%
Hungary	157	155	168	180	181	168	182	180	176	174	**173**	-0.9%	0.9%	0.2%
Iceland	17	19	21	23	20	13	16	19	20	21	**21**	0.9%	2.0%	†
Ireland	146	152	153	158	159	134	145	154	154	156	**156**	0.1%	0.7%	0.1%
Italy	1289	1254	1262	1288	1271	1046	1169	1272	1249	1264	**1220**	-3.5%	-0.6%	1.1%
Latvia	37	38	38	35	40	35	37	35	35	33	**33**	0.3%	-1.1%	†
Lithuania	57	62	65	69	69	65	66	67	69	68	**62**	-8.8%	0.8%	0.1%
Luxembourg	56	56	59	63	64	52	56	51	50	48	**45**	-5.4%	-2.1%	†
Netherlands	923	939	948	932	904	865	866	850	855	872	**864**	-0.9%	-0.7%	0.8%
North Macedonia	20	23	22	23	23	21	22	24	24	23	**25**	7.2%	2.2%	†
Norway	219	222	239	235	232	213	216	219	228	214	**217**	1.4%	-0.1%	0.2%
Poland	544	588	666	689	707	668	700	729	726	736	**759**	3.1%	3.4%	0.7%
Portugal	244	245	246	237	253	208	216	234	227	223	**223**	0.1%	-0.9%	0.2%
Romania	189	200	211	212	225	217	232	236	242	254	**249**	-2.2%	2.8%	0.2%
Slovakia	78	81	90	91	86	86	91	92	91	82	**86**	5.5%	1.1%	0.1%
Slovenia	49	52	54	57	55	46	49	51	48	50	**53**	5.7%	0.7%	†
Spain	1232	1266	1281	1312	1314	1059	1167	1289	1253	1313	**1322**	0.7%	0.7%	1.2%
Sweden	292	308	307	292	306	267	297	279	276	274	**279**	1.9%	-0.5%	0.3%
Switzerland	228	216	223	215	221	183	184	189	193	193	**193**	0.2%	-1.6%	0.2%
Türkiye	887	943	1017	1022	1029	973	1036	1075	1147	1174	**1219**	3.8%	3.2%	1.1%
Ukraine	216	226	226	230	240	257	281	260	281	286	**286**	-0.2%	2.8%	0.3%
United Kingdom	1558	1593	1615	1598	1557	1240	1252	1342	1371	1393	**1399**	0.5%	-1.1%	1.3%
Other Europe	304	325	342	339	352	327	342	365	366	376	**381**	1.5%	2.3%	0.4%
Total Europe	**14703**	**14943**	**15473**	**15401**	**15409**	**13490**	**14187**	**14666**	**14548**	**14740**	**14762**	**0.1%**	**†**	**13.9%**
Azerbaijan	100	99	100	114	115	105	120	126	131	128	**129**	0.5%	2.5%	0.1%
Belarus	138	147	147	171	175	166	170	163	162	158	**158**	0.3%	1.4%	0.1%
Kazakhstan	274	279	283	304	307	264	327	323	333	354	**390**	10.1%	3.6%	0.4%
Russian Federation	3277	3329	3336	3363	3429	3308	3530	3623	3665	3646	**3657**	0.3%	1.1%	3.4%
Turkmenistan	144	134	141	136	142	135	135	139	141	145	**151**	4.6%	0.5%	0.1%
Uzbekistan	99	110	111	115	120	123	121	137	146	147	**146**	-0.4%	3.9%	0.1%
Other CIS	80	88	84	96	89	87	96	101	104	118	**125**	6.2%	4.5%	0.1%
Total CIS	**4112**	**4185**	**4203**	**4298**	**4376**	**4189**	**4500**	**4611**	**4682**	**4695**	**4756**	**1.3%**	**1.5%**	**4.5%**
Iran	1604	1659	1706	1772	1858	1788	1896	1931	1959	1988	**2008**	1.0%	2.3%	1.9%
Iraq	701	714	827	818	821	611	725	770	845	847	**893**	5.4%	2.5%	0.8%
Israel	211	217	227	230	232	201	210	221	223	212	**210**	-1.2%	-0.1%	0.2%
Kuwait	503	481	489	512	493	465	502	509	503	504	**510**	1.1%	0.1%	0.5%
Oman	186	191	207	227	218	181	197	228	228	232	**260**	12.2%	3.4%	0.2%
Qatar	357	375	341	351	372	294	318	366	378	384	**391**	1.9%	0.9%	0.4%
Saudi Arabia	3964	4100	4052	3871	3635	3437	3600	3807	3854	3913	**3862**	-1.3%	-0.3%	3.6%
United Arab Emirates	912	995	984	984	962	877	920	1003	1066	1093	**1094**	0.1%	1.8%	1.0%
Other Middle East	581	539	550	587	572	523	480	488	503	499	**499**	0.1%	-1.5%	0.5%
Total Middle East	**9021**	**9269**	**9383**	**9351**	**9163**	**8377**	**8848**	**9323**	**9558**	**9671**	**9726**	**0.6%**	**0.8%**	**9.1%**
Algeria	425	412	408	413	430	385	405	418	440	461	**470**	1.8%	1.0%	0.4%
Egypt	815	843	809	728	692	607	655	756	742	776	**779**	0.4%	-0.4%	0.7%
Morocco	268	275	291	287	293	258	291	299	299	316	**330**	4.4%	2.1%	0.3%
South Africa	602	579	581	571	568	478	502	499	505	465	**478**	2.7%	-2.3%	0.4%
Eastern Africa	563	582	620	656	687	621	670	695	682	661	**701**	6.2%	2.2%	0.7%
Middle Africa	302	293	283	290	305	253	286	309	315	326	**321**	-1.6%	0.6%	0.3%
Western Africa	767	781	821	875	917	917	991	1031	1007	1038	**1113**	7.3%	3.8%	1.0%
Other Northern Africa	314	291	300	305	296	276	318	354	382	410	**432**	5.3%	3.2%	0.4%
Other Southern Africa	53	54	53	58	57	52	55	56	56	57	**58**	1.4%	0.8%	0.1%
Total Africa	**4109**	**4111**	**4166**	**4183**	**4245**	**3847**	**4172**	**4417**	**4428**	**4510**	**4682**	**3.8%**	**1.3%**	**4.4%**
Australia	1021	1021	1068	1081	1069	919	944	1003	1061	1091	**1096**	0.5%	0.7%	1.0%
Bangladesh	155	160	181	208	204	171	233	275	260	241	**279**	15.9%	6.0%	0.3%
China	11962	12370	13071	13728	14181	14292	14912	15154	16877	16997	**17447**	2.7%	3.8%	16.4%
China Hong Kong SAR	368	380	428	435	408	285	255	216	271	307	**323**	5.1%	-1.3%	0.3%
India	4190	4595	4769	5033	5216	4772	4898	5289	5550	5754	**5837**	1.4%	3.4%	5.5%
Indonesia	1526	1510	1614	1685	1697	1550	1631	1777	1805	1853	**1929**	4.1%	2.4%	1.8%
Japan	4340	4204	4157	4031	3919	3517	3605	3596	3522	3369	**3329**	-1.2%	-2.6%	3.1%
Malaysia	762	846	805	815	882	746	718	866	946	971	**998**	2.8%	2.7%	0.9%
New Zealand	160	166	174	175	179	148	148	147	157	159	**159**	†	-0.1%	0.1%
Pakistan	505	566	589	503	458	449	518	506	410	426	**451**	5.7%	-1.1%	0.4%
Philippines	397	427	460	464	475	388	424	468	490	512	**527**	3.0%	2.9%	0.5%
Singapore	1363	1417	1473	1509	1477	1350	1339	1319	1416	1484	**1483**	-0.1%	0.8%	1.4%
South Korea	2595	2823	2817	2815	2804	2645	2832	2871	2812	2919	**2849**	-2.4%	0.9%	2.7%
Sri Lanka	105	127	138	137	144	119	119	98	113	121	**130**	7.2%	2.2%	0.1%
Taiwan	1020	1021	1013	1009	952	909	961	883	835	835	**857**	2.6%	-1.7%	0.8%
Thailand	1213	1241	1291	1330	1333	1197	1183	1241	1233	1277	**1274**	-0.2%	0.5%	1.2%
Vietnam	404	452	475	533	541	498	442	571	624	671	**699**	4.2%	5.6%	0.7%
Other Asia Pacific	433	425	445	534	566	577	565	597	644	668	**704**	5.4%	5.0%	0.7%
Total Asia Pacific	**32521**	**33752**	**34967**	**36024**	**36504**	**34532**	**35727**	**36877**	**39025**	**39655**	**40371**	**1.8%**	**2.2%**	**37.9%**
Total World	**95678**	**97458**	**99516**	**101022**	**101388**	**92368**	**97814**	**101009**	**103813**	**105133**	**106519**	**1.3%**	**1.1%**	**100.0%**
of which: OECD	46907	47421	48101	48499	48233	42627	45556	46563	46613	46965	**47053**	0.2%	†	44.2%
Non-OECD	48771	50038	51415	52523	53156	49742	52258	54446	57200	58168	**59466**	2.2%	2.0%	55.8%
European Union	11296	11421	11819	11767	11788	10313	10881	11222	10971	11110	**11072**	-0.3%	-0.2%	10.4%

* Inland demand plus international aviation and marine bunkers and refinery fuel and loss. Consumption of biogasoline (such as ethanol), biodiesel and derivatives of coal and natural gas are also included.
† Less than 0.05%.
Notes: Differences between these world consumption figures and world production statistics are accounted for by stock changes, consumption of non-petroleum additives and substitute fuels and unavoidable disparities in the definition, measurement or conversion of oil supply and demand data.
Annual changes and shares of total are calculated using thousand barrels daily figures.

Oil Consumption in thousands of barrels per day*

Thousand barrels daily	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	2434	2426	2388	2454	2462	2156	2202	2288	2316	2358	**2393**	1.5%	-0.2%	2.3%
Mexico	2022	2032	1979	1904	1746	1561	1693	1835	1804	1797	**1789**	-0.5%	-1.2%	1.7%
US	18499	18593	18845	19417	19424	17183	18785	18862	19014	19150	**19404**	1.3%	0.5%	18.8%
Total North America	**22955**	**23050**	**23212**	**23774**	**23631**	**20900**	**22680**	**22984**	**23135**	**23305**	**23586**	**1.2%**	**0.3%**	**22.9%**
Argentina	657	655	633	611	569	514	608	674	652	597	**596**	-0.2%	-1.0%	0.6%
Brazil	2622	2489	2516	2389	2417	2251	2413	2513	2578	2573	**2610**	1.4%	†	2.5%
Chile	340	359	366	379	378	346	380	411	406	402	**400**	-0.7%	1.6%	0.4%
Colombia	358	400	390	402	410	347	409	462	451	443	**441**	-0.7%	2.1%	0.4%
Ecuador	254	240	237	255	249	203	249	271	285	291	**290**	-0.2%	1.3%	0.3%
Peru	226	241	247	254	262	201	248	258	267	276	**297**	7.6%	2.7%	0.3%
Trinidad & Tobago	44	45	40	34	35	30	30	32	33	33	**34**	1.4%	-2.6%	†
Venezuela	711	622	543	435	413	226	248	293	350	311	**314**	0.8%	-7.9%	0.3%
Central America	424	441	453	449	489	384	442	468	497	522	**536**	2.7%	2.4%	0.5%
Other Caribbean	643	660	655	664	614	531	538	543	533	539	**560**	3.8%	-1.4%	0.5%
Other South America	203	213	217	226	231	209	241	245	251	260	**260**	0.1%	2.5%	0.3%
Total S. & Cent. America	**6483**	**6365**	**6297**	**6097**	**6068**	**5243**	**5805**	**6170**	**6301**	**6248**	**6337**	**1.4%**	**-0.2%**	**6.1%**
Austria	247	253	254	259	265	228	244	234	233	229	**224**	-2.0%	-1.0%	0.2%
Belgium	613	616	622	669	627	541	600	583	568	578	**580**	0.3%	-0.6%	0.6%
Bulgaria	95	97	102	101	105	95	100	107	106	110	**111**	0.7%	1.6%	0.1%
Croatia	68	68	73	71	69	59	63	68	76	81	**84**	4.2%	2.2%	0.1%
Cyprus	46	50	52	51	52	44	45	48	48	49	**51**	3.5%	0.9%	†
Czech Republic	186	172	205	207	209	181	201	205	203	210	**208**	-0.8%	1.1%	0.2%
Denmark	155	153	153	155	155	129	133	143	140	142	**132**	-7.1%	-1.6%	0.1%
Estonia	29	29	30	30	27	27	27	28	27	27	**26**	-6.1%	-1.2%	†
Finland	200	210	202	201	203	181	175	182	161	167	**168**	0.7%	-1.8%	0.2%
France	1578	1548	1578	1538	1528	1288	1388	1381	1366	1362	**1352**	-0.7%	-1.5%	1.3%
Germany	2269	2310	2468	2337	2362	2132	2122	2169	2034	2051	**2039**	-0.6%	-1.1%	2.0%
Greece	294	293	298	294	304	246	261	297	295	301	**305**	1.1%	0.4%	0.3%
Hungary	153	150	164	175	176	161	175	172	168	167	**165**	-1.0%	0.8%	0.2%
Iceland	17	19	21	23	19	13	15	19	20	20	**20**	1.1%	1.9%	†
Ireland	143	150	149	155	154	130	141	149	147	148	**147**	-0.8%	0.3%	0.1%
Italy	1264	1231	1238	1261	1243	1018	1138	1242	1220	1244	**1197**	-3.8%	-0.5%	1.2%
Latvia	36	37	38	34	39	34	36	34	34	32	**31**	-0.3%	-1.3%	†
Lithuania	56	61	63	67	67	62	63	64	66	65	**59**	-9.0%	0.5%	0.1%
Luxembourg	54	54	57	60	61	49	53	48	47	45	**43**	-5.4%	-2.3%	†
Netherlands	915	932	939	917	887	845	846	825	831	842	**838**	-0.5%	-0.9%	0.8%
North Macedonia	20	23	22	23	23	21	22	24	24	23	**25**	7.2%	2.2%	†
Norway	216	215	228	227	222	204	208	211	218	203	**206**	1.0%	-0.5%	0.2%
Poland	528	576	650	667	683	644	674	701	695	702	**725**	3.3%	3.2%	0.7%
Portugal	236	239	240	231	247	203	209	227	220	214	**215**	0.5%	-0.9%	0.2%
Romania	184	193	204	205	216	206	222	225	232	243	**237**	-2.3%	2.5%	0.2%
Slovakia	74	78	86	87	83	83	87	88	86	78	**82**	5.9%	1.1%	0.1%
Slovenia	49	52	53	55	53	44	47	49	46	48	**50**	5.6%	0.4%	†
Spain	1202	1233	1243	1262	1265	1016	1123	1247	1197	1261	**1268**	0.6%	0.5%	1.2%
Sweden	274	286	287	267	281	241	269	244	244	262	**265**	0.9%	-0.3%	0.3%
Switzerland	227	214	220	211	216	179	180	185	188	187	**188**	0.1%	-1.9%	0.2%
Türkiye	884	940	1014	1018	1025	970	1033	1072	1143	1170	**1216**	3.9%	3.2%	1.2%
Ukraine	215	225	225	229	237	255	279	260	281	286	**285**	-0.6%	2.9%	0.3%
United Kingdom	1533	1568	1590	1564	1514	1200	1215	1291	1312	1338	**1340**	0.1%	-1.3%	1.3%
Other Europe	303	323	340	337	349	324	340	362	362	372	**378**	1.5%	2.2%	0.4%
Total Europe	**14361**	**14600**	**15106**	**14987**	**14965**	**13053**	**13733**	**14183**	**14037**	**14260**	**14259**	**†**	**-0.1%**	**13.8%**
Azerbaijan	100	99	100	114	115	105	120	126	131	128	**129**	0.5%	2.5%	0.1%
Belarus	137	147	147	171	174	166	170	163	162	158	**158**	0.3%	1.4%	0.2%
Kazakhstan	274	279	283	304	307	264	327	323	333	354	**390**	10.1%	3.6%	0.4%
Russian Federation	3277	3328	3334	3360	3425	3304	3523	3614	3652	3631	**3640**	0.2%	1.1%	3.5%
Turkmenistan	144	134	141	136	142	135	135	139	141	145	**151**	4.6%	0.5%	0.1%
Uzbekistan	99	110	111	115	120	123	121	137	146	147	**146**	-0.4%	3.9%	0.1%
Other CIS	80	88	84	96	89	87	96	101	104	118	**125**	6.2%	4.5%	0.1%
Total CIS	**4111**	**4184**	**4201**	**4295**	**4372**	**4184**	**4493**	**4602**	**4669**	**4679**	**4739**	**1.3%**	**1.4%**	**4.6%**
Iran	1604	1659	1706	1772	1858	1788	1896	1931	1959	1988	**2008**	1.0%	2.3%	1.9%
Iraq	701	714	827	818	821	611	725	770	845	847	**893**	5.4%	2.5%	0.9%
Israel	211	216	226	229	231	199	209	219	221	210	**207**	-1.4%	-0.2%	0.2%
Kuwait	503	481	489	512	493	465	502	509	503	504	**510**	1.1%	0.1%	0.5%
Oman	186	191	207	227	218	181	197	228	228	232	**260**	12.2%	3.4%	0.3%
Qatar	357	375	341	351	372	294	318	366	378	384	**391**	1.9%	0.9%	0.4%
Saudi Arabia	3964	4100	4052	3871	3635	3437	3600	3807	3854	3913	**3862**	-1.3%	-0.3%	3.7%
United Arab Emirates	912	995	984	984	962	877	920	1003	1066	1093	**1094**	0.1%	1.8%	1.1%
Other Middle East	581	539	550	587	572	523	480	488	503	499	**499**	0.1%	-1.5%	0.5%
Total Middle East	**9021**	**9268**	**9382**	**9350**	**9162**	**8376**	**8847**	**9321**	**9556**	**9669**	**9724**	**0.6%**	**0.8%**	**9.4%**
Algeria	425	412	408	413	430	385	405	418	440	461	**470**	1.8%	1.0%	0.5%
Egypt	815	843	809	728	692	607	655	756	742	776	**779**	0.4%	-0.4%	0.8%
Morocco	268	275	291	287	293	258	291	299	299	316	**330**	4.4%	2.1%	0.3%
South Africa	600	577	579	569	565	474	498	496	502	462	**475**	2.8%	-2.3%	0.5%
Eastern Africa	562	581	620	655	686	620	670	694	679	655	**696**	6.3%	2.2%	0.7%
Middle Africa	302	293	283	290	305	253	286	309	315	326	**321**	-1.6%	0.6%	0.3%
Western Africa	767	781	821	875	917	917	991	1031	1007	1038	**1113**	7.3%	3.8%	1.1%
Other Northern Africa	314	291	300	305	296	276	318	354	382	410	**432**	5.3%	3.2%	0.4%
Other Southern Africa	53	54	53	58	57	52	55	56	56	57	**58**	1.4%	0.8%	0.1%
Total Africa	**4107**	**4109**	**4164**	**4180**	**4241**	**3843**	**4168**	**4413**	**4422**	**4501**	**4674**	**3.8%**	**1.3%**	**4.5%**
Australia	1016	1017	1063	1076	1064	915	941	999	1058	1087	**1092**	0.5%	0.7%	1.1%
Bangladesh	155	160	181	208	204	171	233	275	260	241	**279**	15.9%	6.0%	0.3%
China	11890	12297	13004	13642	14086	14217	14833	15076	16792	16901	**17360**	2.7%	3.9%	16.8%
China Hong Kong SAR	367	379	427	433	407	283	254	214	268	305	**319**	4.9%	-1.4%	0.3%
India	4181	4574	4754	5004	5179	4738	4843	5209	5452	5614	**5642**	0.5%	3.0%	5.5%
Indonesia	1510	1459	1570	1621	1587	1406	1471	1597	1593	1627	**1699**	4.4%	1.2%	1.6%
Japan	4330	4190	4143	4016	3905	3502	3591	3582	3507	3355	**3314**	-1.2%	-2.6%	3.2%
Malaysia	754	838	797	805	868	729	700	840	917	940	**965**	2.7%	2.5%	0.9%
New Zealand	160	165	174	175	179	148	148	147	157	159	**159**	†	-0.1%	0.2%
Pakistan	505	566	589	503	458	449	518	506	410	426	**451**	5.7%	-1.1%	0.4%
Philippines	385	414	445	449	460	375	409	452	473	494	**507**	2.6%	2.8%	0.5%
Singapore	1363	1417	1473	1509	1477	1350	1339	1319	1416	1484	**1483**	-0.1%	0.8%	1.4%
South Korea	2586	2811	2804	2800	2789	2630	2816	2856	2796	2902	**2833**	-2.4%	0.9%	2.7%
Sri Lanka	105	127	138	137	144	119	119	98	113	121	**130**	7.2%	2.2%	0.1%
Taiwan	1020	1021	1012	1009	952	909	961	883	835	835	**857**	2.6%	-1.7%	0.8%
Thailand	1171	1197	1243	1277	1274	1139	1131	1193	1182	1226	**1227**	0.1%	0.5%	1.2%
Vietnam	404	452	475	533	541	498	442	571	624	671	**699**	4.2%	5.6%	0.7%
Other Asia Pacific	433	425	445	534	566	577	565	597	644	668	**704**	5.4%	5.0%	0.7%
Total Asia Pacific	**32333**	**33511**	**34738**	**35732**	**36141**	**34155**	**35313**	**36412**	**38496**	**39056**	**39721**	**1.7%**	**2.1%**	**38.5%**
Total World	**93372**	**95086**	**97099**	**98415**	**98580**	**89754**	**95038**	**98086**	**100617**	**101719**	**103039**	**1.3%**	**1.0%**	**100.0%**
of which: OECD	45436	45884	46524	46878	46562	41085	43891	44808	44702	45028	**45186**	0.4%	-0.1%	43.9%
Non-OECD	47936	49202	50575	51536	52018	48669	51147	53277	55915	56691	**57853**	2.0%	1.9%	56.1%
European Union	10988	11117	11496	11406	11412	9936	10485	10810	10542	10708	**10654**	-0.5%	-0.3%	10.3%

* Inland demand plus international aviation and marine bunkers and refinery fuel and loss. Consumption of biogasoline (such as ethanol) and biodiesel are excluded while derivatives of coal and natural gas are included.
† Less than 0.05%.

Notes: Differences between these world consumption figures and world production statistics are accounted for by stock changes, consumption of non-petroleum additives and substitute fuels and unavoidable disparities in the definition, measurement or conversion of oil supply and demand data.
Annual changes and shares of total are calculated using thousand barrels daily figures.

Oil Consumption in exajoules*

Exajoules	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	4.61	4.55	4.49	4.63	4.62	3.98	4.09	4.26	4.30	4.36	**4.40**	1.2%	-0.5%	2.2%
Mexico	3.88	3.90	3.79	3.64	3.34	2.93	3.27	3.55	3.48	3.47	**3.47**	0.1%	-1.1%	1.7%
US	35.61	35.87	36.22	37.09	37.03	32.53	35.53	35.75	35.88	36.07	**36.42**	1.3%	0.2%	18.1%
Total North America	**44.09**	**44.33**	**44.51**	**45.37**	**44.99**	**39.43**	**42.88**	**43.56**	**43.67**	**43.90**	**44.29**	**1.2%**	†	**22.0%**
Argentina	1.32	1.31	1.25	1.20	1.13	1.01	1.21	1.35	1.29	1.18	**1.17**	-0.5%	-1.1%	0.6%
Brazil	5.24	4.97	5.00	4.74	4.81	4.49	4.82	5.01	5.13	5.14	**5.19**	1.3%	-0.1%	2.6%
Chile	0.68	0.72	0.73	0.76	0.76	0.69	0.76	0.82	0.81	0.80	**0.80**	-0.6%	1.5%	0.4%
Colombia	0.72	0.81	0.78	0.81	0.82	0.70	0.82	0.93	0.91	0.89	**0.89**	-0.3%	2.1%	0.4%
Ecuador	0.51	0.48	0.47	0.51	0.50	0.40	0.49	0.54	0.57	0.59	**0.59**	-0.1%	1.3%	0.3%
Peru	0.44	0.47	0.48	0.49	0.51	0.39	0.48	0.50	0.51	0.53	**0.57**	7.7%	2.7%	0.3%
Trinidad & Tobago	0.09	0.09	0.08	0.07	0.07	0.06	0.06	0.07	0.07	0.07	**0.07**	1.9%	-2.7%	†
Venezuela	1.42	1.23	1.06	0.86	0.84	0.47	0.52	0.61	0.74	0.64	**0.64**	-0.6%	-7.7%	0.3%
Central America	0.89	0.92	0.94	0.93	1.02	0.79	0.90	0.95	1.02	1.07	**1.09**	2.4%	2.1%	0.5%
Other Caribbean	1.34	1.38	1.35	1.38	1.29	1.12	1.13	1.13	1.11	1.12	**1.17**	4.1%	-1.4%	0.6%
Other South America	0.41	0.43	0.44	0.45	0.46	0.42	0.48	0.49	0.50	0.52	**0.52**	†	2.5%	0.3%
Total S. & Cent. America	**13.06**	**12.82**	**12.60**	**12.21**	**12.21**	**10.54**	**11.67**	**12.39**	**12.66**	**12.56**	**12.69**	**1.3%**	**-0.3%**	**6.3%**
Austria	0.51	0.53	0.53	0.54	0.55	0.48	0.50	0.49	0.49	0.48	**0.46**	-2.0%	-1.0%	0.2%
Belgium	1.25	1.27	1.29	1.38	1.29	1.11	1.23	1.19	1.15	1.18	**1.18**	0.1%	-0.6%	0.6%
Bulgaria	0.19	0.20	0.20	0.20	0.21	0.19	0.20	0.22	0.21	0.22	**0.22**	0.5%	1.6%	0.1%
Croatia	0.14	0.14	0.15	0.15	0.14	0.12	0.13	0.14	0.16	0.17	**0.17**	4.4%	2.2%	0.1%
Cyprus	0.10	0.11	0.11	0.11	0.11	0.09	0.10	0.10	0.10	0.11	**0.11**	2.9%	0.8%	0.1%
Czech Republic	0.38	0.35	0.41	0.42	0.42	0.37	0.41	0.42	0.41	0.43	**0.43**	-0.4%	1.1%	0.2%
Denmark	0.33	0.32	0.32	0.32	0.32	0.27	0.28	0.30	0.29	0.30	**0.28**	-7.3%	-1.7%	0.1%
Estonia	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	**0.05**	-7.2%	-1.5%	†
Finland	0.40	0.42	0.40	0.40	0.40	0.36	0.35	0.36	0.32	0.33	**0.33**	-0.2%	-2.0%	0.2%
France	3.25	3.20	3.25	3.17	3.14	2.65	2.85	2.84	2.80	2.80	**2.77**	-0.9%	-1.6%	1.4%
Germany	4.67	4.76	5.07	4.81	4.86	4.40	4.36	4.47	4.20	4.24	**4.20**	-0.6%	-1.1%	2.1%
Greece	0.61	0.61	0.63	0.62	0.64	0.52	0.55	0.62	0.62	0.63	**0.63**	0.8%	0.3%	0.3%
Hungary	0.30	0.30	0.33	0.35	0.35	0.32	0.35	0.35	0.34	0.34	**0.33**	-0.7%	1.0%	0.2%
Iceland	0.04	0.04	0.04	0.05	0.04	0.03	0.03	0.04	0.04	0.04	**0.04**	0.9%	1.8%	†
Ireland	0.29	0.31	0.31	0.32	0.32	0.27	0.29	0.31	0.30	0.31	**0.30**	-0.8%	0.3%	0.2%
Italy	2.58	2.51	2.51	2.56	2.52	2.07	2.32	2.53	2.48	2.53	**2.43**	-3.7%	-0.6%	1.2%
Latvia	0.07	0.08	0.08	0.07	0.08	0.07	0.07	0.07	0.07	0.06	**0.06**	†	-1.4%	†
Lithuania	0.12	0.13	0.13	0.14	0.14	0.13	0.13	0.13	0.14	0.14	**0.12**	-10.0%	0.4%	0.1%
Luxembourg	0.11	0.11	0.12	0.12	0.13	0.10	0.11	0.10	0.10	0.09	**0.09**	-5.5%	-2.5%	†
Netherlands	1.82	1.86	1.87	1.82	1.78	1.69	1.69	1.66	1.66	1.68	**1.66**	-1.2%	-1.0%	0.8%
North Macedonia	0.04	0.05	0.04	0.05	0.05	0.04	0.05	0.05	0.05	0.05	**0.05**	7.3%	2.3%	†
Norway	0.41	0.41	0.43	0.42	0.41	0.38	0.38	0.39	0.39	0.37	**0.37**	2.2%	-0.8%	0.2%
Poland	1.05	1.16	1.31	1.34	1.37	1.29	1.35	1.41	1.40	1.41	**1.46**	3.5%	3.3%	0.7%
Portugal	0.48	0.49	0.49	0.47	0.50	0.41	0.42	0.46	0.45	0.44	**0.44**	0.4%	-0.7%	0.2%
Romania	0.38	0.39	0.41	0.41	0.43	0.42	0.45	0.46	0.47	0.50	**0.48**	-2.8%	2.5%	0.2%
Slovakia	0.15	0.16	0.18	0.18	0.17	0.17	0.18	0.18	0.18	0.16	**0.17**	5.0%	1.0%	0.1%
Slovenia	0.10	0.11	0.11	0.11	0.11	0.09	0.10	0.10	0.09	0.10	**0.10**	5.9%	0.4%	0.1%
Spain	2.52	2.59	2.61	2.64	2.65	2.13	2.35	2.61	2.51	2.65	**2.65**	0.4%	0.5%	1.3%
Sweden	0.55	0.57	0.57	0.53	0.56	0.49	0.54	0.49	0.48	0.52	**0.52**	0.8%	-0.5%	0.3%
Switzerland	0.47	0.44	0.45	0.43	0.44	0.37	0.37	0.38	0.39	0.39	**0.38**	0.1%	-1.9%	0.2%
Türkiye	1.80	1.92	2.08	2.09	2.08	1.97	2.09	2.18	2.32	2.38	**2.47**	4.2%	3.2%	1.2%
Ukraine	0.43	0.44	0.44	0.44	0.46	0.50	0.55	0.51	0.55	0.56	**0.56**	-0.7%	2.6%	0.3%
United Kingdom	3.07	3.15	3.18	3.14	3.04	2.40	2.45	2.61	2.66	2.71	**2.71**	0.4%	-1.2%	1.3%
Other Europe	0.65	0.69	0.73	0.72	0.75	0.70	0.73	0.77	0.78	0.80	**0.81**	1.3%	2.2%	0.4%
Total Europe	**29.33**	**29.87**	**30.85**	**30.59**	**30.53**	**26.67**	**28.01**	**29.00**	**28.65**	**29.14**	**29.05**	†	**-0.1%**	**14.5%**
Azerbaijan	0.20	0.20	0.20	0.23	0.23	0.21	0.24	0.25	0.26	0.25	**0.26**	0.6%	2.5%	0.1%
Belarus	0.28	0.30	0.30	0.35	0.36	0.34	0.35	0.33	0.33	0.32	**0.32**	0.3%	1.4%	0.2%
Kazakhstan	0.56	0.57	0.57	0.61	0.62	0.54	0.66	0.65	0.67	0.71	**0.78**	9.8%	3.5%	0.4%
Russian Federation	6.52	6.62	6.60	6.66	6.80	6.54	6.95	7.14	7.22	7.19	**7.18**	0.1%	1.0%	3.6%
Turkmenistan	0.28	0.26	0.28	0.26	0.27	0.26	0.26	0.27	0.27	0.28	**0.29**	4.9%	0.4%	0.1%
Uzbekistan	0.18	0.19	0.19	0.20	0.21	0.22	0.21	0.24	0.27	0.26	**0.26**	0.5%	3.9%	0.1%
Other CIS	0.16	0.17	0.16	0.19	0.17	0.17	0.19	0.20	0.20	0.23	**0.24**	6.3%	4.4%	0.1%
Total CIS	**8.18**	**8.31**	**8.31**	**8.50**	**8.66**	**8.27**	**8.85**	**9.07**	**9.22**	**9.25**	**9.34**	**1.2%**	**1.3%**	**4.6%**
Iran	3.11	3.20	3.23	3.36	3.55	3.42	3.64	3.72	3.78	3.85	**3.87**	0.8%	2.2%	1.9%
Iraq	1.45	1.48	1.72	1.70	1.70	1.24	1.48	1.57	1.73	1.74	**1.84**	5.9%	2.5%	0.9%
Israel	0.42	0.43	0.45	0.45	0.46	0.40	0.41	0.44	0.44	0.42	**0.41**	-1.2%	-0.2%	0.2%
Kuwait	0.95	0.91	0.92	0.97	0.92	0.86	0.94	0.96	0.95	0.96	**0.96**	0.1%	0.1%	0.5%
Oman	0.38	0.39	0.42	0.46	0.44	0.36	0.39	0.46	0.46	0.47	**0.52**	12.5%	3.2%	0.3%
Qatar	0.57	0.61	0.55	0.56	0.61	0.46	0.50	0.59	0.61	0.63	**0.64**	1.8%	1.1%	0.3%
Saudi Arabia	7.43	7.65	7.52	7.12	6.68	6.32	6.60	7.04	7.18	7.31	**7.13**	-2.2%	-0.4%	3.5%
United Arab Emirates	1.76	1.91	1.90	1.89	1.86	1.67	1.77	1.93	2.06	2.10	**2.11**	0.6%	1.8%	1.0%
Other Middle East	1.19	1.10	1.12	1.20	1.17	1.07	0.97	0.98	1.01	1.00	**1.00**	†	-1.7%	0.5%
Total Middle East	**17.26**	**17.69**	**17.82**	**17.71**	**17.38**	**15.81**	**16.71**	**17.68**	**18.22**	**18.49**	**18.49**	**0.3%**	**0.7%**	**9.2%**
Algeria	0.85	0.83	0.81	0.82	0.85	0.76	0.80	0.82	0.86	0.90	**0.92**	1.9%	0.8%	0.5%
Egypt	1.67	1.73	1.64	1.46	1.38	1.20	1.30	1.53	1.49	1.57	**1.57**	0.3%	-0.6%	0.8%
Morocco	0.52	0.54	0.57	0.55	0.56	0.49	0.56	0.57	0.57	0.61	**0.64**	5.1%	1.9%	0.3%
South Africa	1.24	1.19	1.20	1.17	1.16	0.99	1.03	1.03	1.04	0.96	**0.98**	2.8%	-2.3%	0.5%
Eastern Africa	1.16	1.20	1.27	1.34	1.41	1.27	1.37	1.42	1.39	1.34	**1.43**	6.4%	2.1%	0.7%
Middle Africa	0.62	0.60	0.57	0.58	0.61	0.50	0.56	0.61	0.62	0.64	**0.63**	-1.9%	0.1%	0.3%
Western Africa	1.53	1.57	1.64	1.75	1.83	1.83	1.97	2.05	2.01	2.08	**2.23**	7.4%	3.8%	1.1%
Other Northern Africa	0.64	0.59	0.61	0.62	0.60	0.56	0.64	0.71	0.77	0.84	**0.88**	5.5%	3.2%	0.4%
Other Southern Africa	0.11	0.11	0.11	0.12	0.12	0.11	0.11	0.11	0.12	0.12	**0.12**	1.4%	0.8%	0.1%
Total Africa	**8.35**	**8.36**	**8.42**	**8.42**	**8.52**	**7.71**	**8.34**	**8.87**	**8.87**	**9.06**	**9.39**	**3.9%**	**1.2%**	**4.7%**
Australia	2.05	2.06	2.16	2.20	2.17	1.88	1.93	2.05	2.17	2.23	**2.24**	0.5%	0.9%	1.1%
Bangladesh	0.33	0.35	0.39	0.45	0.44	0.37	0.51	0.60	0.56	0.52	**0.61**	16.6%	6.2%	0.3%
China	23.80	24.56	25.86	27.10	27.95	28.33	29.33	29.76	32.81	33.02	**33.85**	2.8%	3.6%	16.8%
China Hong Kong SAR	0.78	0.81	0.92	0.93	0.87	0.61	0.54	0.46	0.57	0.65	**0.68**	5.0%	-1.4%	0.3%
India	8.27	9.05	9.32	9.74	10.05	9.14	9.32	10.10	10.58	10.89	**10.89**	0.3%	2.8%	5.4%
Indonesia	2.96	2.85	3.06	3.16	3.08	2.71	2.83	3.09	3.08	3.15	**3.28**	4.3%	1.0%	1.6%
Japan	8.56	8.30	8.15	7.91	7.68	6.90	7.06	7.06	6.91	6.61	**6.51**	-1.3%	-2.7%	3.2%
Malaysia	1.44	1.60	1.50	1.52	1.66	1.38	1.33	1.61	1.76	1.81	**1.85**	2.5%	2.6%	0.9%
New Zealand	0.33	0.34	0.36	0.36	0.37	0.30	0.30	0.30	0.32	0.32	**0.32**	0.1%	-0.2%	0.2%
Pakistan	1.06	1.18	1.22	1.03	0.92	0.90	1.04	1.02	0.81	0.83	**0.87**	5.2%	-1.9%	0.4%
Philippines	0.78	0.83	0.89	0.89	0.91	0.74	0.81	0.90	0.94	0.98	**1.00**	2.5%	2.6%	0.5%
Singapore	2.92	3.04	3.15	3.19	3.09	2.87	2.84	2.79	3.02	3.18	**3.18**	0.3%	0.8%	1.6%
South Korea	5.02	5.47	5.42	5.40	5.35	5.06	5.40	5.47	5.36	5.57	**5.42**	-2.4%	0.8%	2.7%
Sri Lanka	0.21	0.26	0.28	0.28	0.29	0.24	0.24	0.20	0.23	0.25	**0.26**	6.6%	2.0%	0.1%
Taiwan	1.99	2.00	1.98	1.96	1.85	1.77	1.87	1.72	1.63	1.64	**1.67**	2.6%	-1.7%	0.8%
Thailand	2.18	2.25	2.32	2.38	2.38	2.13	2.10	2.26	2.24	2.32	**2.32**	†	0.6%	1.2%
Vietnam	0.80	0.89	0.93	1.04	1.06	0.98	0.85	1.12	1.22	1.32	**1.37**	3.9%	5.5%	0.7%
Other Asia Pacific	0.88	0.86	0.90	1.08	1.15	1.16	1.13	1.19	1.29	1.34	**1.41**	5.3%	4.8%	0.7%
Total Asia Pacific	**64.34**	**66.71**	**68.81**	**70.61**	**71.27**	**67.46**	**69.44**	**71.68**	**75.49**	**76.65**	**77.73**	**1.7%**	**1.9%**	**38.7%**
Total World	**184.61**	**188.09**	**191.31**	**193.42**	**193.56**	**175.89**	**185.92**	**192.26**	**196.76**	**199.04**	**200.97**	**1.2%**	**0.9%**	**100.0%**
of which: OECD	89.38	90.42	91.43	91.87	91.10	80.06	85.49	87.49	87.04	87.62	**87.66**	0.3%	-0.2%	43.6%
Non-OECD	95.23	97.67	99.89	101.55	102.47	95.83	100.43	104.77	109.73	111.42	**113.32**	2.0%	1.8%	56.4%
European Union	22.53	22.84	23.56	23.37	23.38	20.40	21.47	22.18	21.59	21.96	**21.77**	-0.6%	-0.3%	10.8%

* Inland demand plus international aviation and marine bunkers and refinery fuel and loss. Consumption of biogasoline (such as ethanol) and biodiesel are excluded while derivatives of coal and natural gas are included.
† Less than 0.05%.
Notes: Differences between these world consumption figures and world production statistics are accounted for by stock changes, consumption of non-petroleum additives and substitute fuels and unavoidable disparities in the definition, measurement or conversion of oil supply and demand data.
Annual changes and shares of total are calculated using exajoules figures.
Growth rates are adjusted for leap years.

Thousand barrels daily	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
North America														
Light distillates	10136	10308	10238	10229	10138	8709	9419	9476	9599	9626	**9588**	-0.4%	-0.6%	9.3%
of which: gasoline	9799	9963	9940	9926	9856	8445	9153	9252	9365	9402	**9359**	-0.5%	-0.5%	9.1%
of which: naphtha	337	345	298	303	282	265	266	224	234	225	**229**	2.0%	-3.8%	0.2%
Middle distillates	6762	6620	6776	7069	6955	5741	6388	6651	6508	6391	**6656**	4.1%	-0.2%	6.5%
of which: diesel/gasoil	4995	4777	4857	5105	4956	4536	4861	4864	4600	4443	**4653**	4.7%	-0.7%	4.5%
of which: jet/kerosene	1767	1842	1920	1964	1999	1205	1526	1787	1908	1948	**2003**	2.8%	1.3%	1.9%
Fuel oil	442	516	548	495	435	310	462	471	415	407	**432**	6.2%	-0.2%	0.4%
Others	5615	5606	5649	5981	6103	6140	6410	6386	6613	6881	**6909**	0.4%	2.1%	6.7%
of which: ethane and LPG	3361	3428	3453	3789	3836	4013	4084	4014	4182	4443	**4551**	2.4%	3.1%	4.4%
Total North America	22955	23050	23212	23774	23631	20900	22680	22984	23135	23305	**23586**	1.2%	0.3%	22.9%
of which: US														
Light distillates	8503	8613	8621	8633	8579	7419	8103	8045	8170	8184	**8133**	-0.6%	-0.4%	7.9%
of which: gasoline	8280	8394	8393	8400	8372	7235	7917	7907	8028	8052	**7982**	-0.9%	-0.4%	7.7%
of which: naphtha	223	219	228	233	207	185	185	139	142	133	**150**	13.1%	-3.9%	0.1%
Middle distillates	5534	5438	5580	5815	5793	4793	5254	5417	5303	5175	**5429**	4.9%	-0.2%	5.3%
of which: diesel/gasoil	3979	3815	3893	4103	4043	3709	3878	3852	3639	3477	**3693**	6.2%	-0.7%	3.6%
of which: jet/kerosene	1555	1623	1687	1712	1750	1084	1376	1565	1664	1698	**1736**	2.3%	1.1%	1.7%
Fuel oil	258	325	341	317	275	208	314	329	274	292	**315**	7.6%	2.0%	0.3%
Others	4204	4216	4303	4652	4777	4763	5114	5071	5268	5499	**5527**	0.5%	2.8%	5.4%
of which: ethane and LPG	2493	2516	2570	2921	2967	3056	3228	3148	3286	3509	**3625**	3.3%	3.8%	3.5%
Total US	18499	18593	18845	19417	19424	17183	18785	18862	19014	19150	**19404**	1.3%	0.5%	18.8%
S. & Cent. America														
Light distillates	1701	1723	1772	1650	1661	1336	1565	1720	1768	1739	**1782**	2.5%	0.5%	1.7%
of which: gasoline	1467	1499	1531	1438	1439	1171	1374	1494	1562	1544	**1586**	2.7%	0.8%	1.5%
of which: naphtha	234	224	241	212	221	165	191	226	206	195	**196**	0.3%	-1.8%	0.2%
Middle distillates	2627	2564	2518	2560	2567	2195	2459	2649	2662	2686	**2757**	2.6%	0.5%	2.7%
of which: diesel/gasoil	2287	2229	2178	2199	2205	2007	2232	2337	2321	2336	**2394**	2.5%	0.5%	2.3%
of which: jet/kerosene	340	334	339	361	362	189	226	311	342	350	**363**	3.6%	0.7%	0.4%
Fuel oil	730	668	601	551	574	522	568	551	589	531	**505**	-5.0%	-3.6%	0.5%
Others	1425	1410	1406	1336	1266	1189	1213	1250	1282	1293	**1294**	0.1%	-1.0%	1.3%
of which: ethane and LPG	846	859	877	823	753	746	761	779	790	808	**820**	1.6%	-0.3%	0.8%
Total S. & Cent. America	6483	6365	6297	6097	6068	5243	5805	6170	6301	6248	**6337**	1.4%	-0.2%	6.1%
of which: Brazil														
Light distillates	675	682	717	623	633	554	624	699	718	685	**708**	3.3%	0.5%	0.7%
of which: gasoline	522	541	556	483	481	450	495	542	580	555	**578**	4.1%	1.0%	0.6%
of which: naphtha	153	141	161	140	152	104	128	157	138	130	**130**	0.2%	-1.7%	0.1%
Middle distillates	1100	1030	1027	1045	1043	981	1063	1121	1151	1171	**1210**	3.3%	1.0%	1.2%
of which: diesel/gasoil	973	913	911	915	922	918	987	1018	1038	1051	**1082**	2.9%	1.1%	1.1%
of which: jet/kerosene	127	117	116	130	121	63	76	103	113	120	**128**	6.3%	†	0.1%
Fuel oil	187	141	137	112	108	112	135	100	92	88	**76**	-13.5%	-8.6%	0.1%
Others	661	636	635	609	633	605	591	593	616	629	**616**	-2.0%	-0.7%	0.6%
of which: ethane and LPG	359	348	352	342	332	340	332	330	336	343	**345**	0.8%	-0.4%	0.3%
Total Brazil	2622	2489	2516	2389	2417	2251	2413	2513	2578	2573	**2610**	1.4%	†	2.5%
Europe														
Light distillates	2817	2815	2889	2826	2840	2596	2765	2725	2763	2910	**2922**	0.4%	0.4%	2.8%
of which: gasoline	1928	1934	1942	2010	2045	1767	1926	2039	2128	2231	**2274**	1.9%	1.7%	2.2%
of which: naphtha	889	881	948	816	796	828	838	686	635	679	**648**	-4.6%	-3.1%	0.6%
Middle distillates	7755	7906	8142	8133	8139	6791	7245	7702	7646	7696	**7794**	1.3%	0.1%	7.6%
of which: diesel/gasoil	6401	6505	6660	6582	6565	6040	6380	6396	6189	6164	**6190**	0.4%	-0.3%	6.0%
of which: jet/kerosene	1354	1401	1482	1551	1574	750	865	1306	1457	1532	**1604**	4.7%	1.7%	1.6%
Fuel oil	935	943	992	992	949	798	808	853	810	808	**721**	-10.8%	-2.6%	0.7%
Others	2855	2936	3082	3035	3036	2869	2916	2904	2818	2846	**2822**	-0.8%	-0.1%	2.7%
of which: ethane and LPG	1362	1406	1439	1460	1465	1350	1344	1318	1322	1353	**1323**	-2.2%	-0.3%	1.3%
Total Europe	14361	14600	15106	14987	14965	13053	13733	14183	14037	14260	**14259**	†	-0.1%	13.8%
of which: European Union														
Light distillates	2283	2292	2378	2320	2309	2128	2291	2225	2216	2334	**2321**	-0.6%	0.2%	2.3%
of which: gasoline	1439	1445	1461	1541	1571	1366	1477	1553	1610	1681	**1690**	0.6%	1.6%	1.6%
of which: naphtha	844	847	916	778	738	763	814	673	606	653	**630**	-3.4%	-2.9%	0.6%
Middle distillates	5766	5863	6019	6012	6052	5074	5386	5706	5573	5576	**5627**	0.9%	-0.2%	5.5%
of which: diesel/gasoil	4893	4954	5046	4990	5011	4599	4814	4834	4614	4575	**4579**	0.1%	-0.7%	4.4%
of which: jet/kerosene	872	909	973	1022	1041	474	573	872	959	1001	**1048**	4.7%	1.9%	1.0%
Fuel oil	813	811	828	835	806	675	694	719	674	694	**609**	-12.3%	-2.9%	0.6%
Others	2126	2151	2272	2239	2244	2059	2114	2160	2078	2103	**2097**	-0.3%	-0.1%	2.0%
of which: ethane and LPG	965	976	1003	1023	1025	951	958	952	940	965	**958**	-0.7%	-0.1%	0.9%
Total European Union	10988	11117	11496	11406	11412	9936	10485	10810	10542	10708	**10654**	-0.5%	-0.3%	10.3%
CIS														
Light distillates	1199	1197	1201	1228	1211	1142	1245	1250	1299	1305	**1325**	1.5%	1.0%	1.3%
of which: gasoline	1056	1056	1051	1059	1043	974	1073	1098	1153	1162	**1178**	1.4%	1.1%	1.1%
of which: naphtha	143	141	150	169	168	168	172	153	146	143	**147**	2.7%	0.3%	0.1%
Middle distillates	1400	1409	1471	1507	1536	1425	1563	1671	1704	1725	**1774**	2.8%	2.4%	1.7%
of which: diesel/gasoil	1129	1064	1087	1146	1191	1131	1232	1386	1391	1397	**1425**	2.0%	2.4%	1.4%
of which: jet/kerosene	271	345	384	362	345	294	332	285	314	328	**349**	6.5%	2.6%	0.3%
Fuel oil	424	424	364	375	394	351	329	316	319	308	**297**	-3.6%	-3.5%	0.3%
Others	1089	1154	1165	1185	1231	1267	1356	1364	1346	1341	**1343**	0.2%	2.1%	1.3%
of which: ethane and LPG	684	734	736	744	782	809	850	868	850	857	**864**	0.8%	2.4%	0.8%
Total CIS	4111	4184	4201	4295	4372	4184	4493	4602	4669	4679	**4739**	1.3%	1.4%	4.6%
Middle East														
Light distillates	2044	2098	2205	2239	2198	1888	2109	2095	2160	2189	**2234**	2.1%	0.9%	2.2%
of which: gasoline	1639	1678	1784	1831	1832	1532	1684	1767	1824	1852	**1885**	1.8%	1.4%	1.8%
of which: naphtha	405	420	421	408	367	355	425	328	336	336	**349**	3.9%	-1.5%	0.3%
Middle distillates	2479	2397	2271	2251	2363	1986	2109	2392	2502	2523	**2550**	1.1%	0.3%	2.5%
of which: diesel/gasoil	1911	1799	1703	1697	1777	1657	1741	1888	1919	1928	**1934**	0.3%	0.1%	1.9%
of which: jet/kerosene	569	598	568	554	586	329	368	504	583	595	**616**	3.6%	0.8%	0.6%
Fuel oil	2159	2142	2191	2094	2064	1991	2061	2192	2253	2253	**2162**	-4.1%	†	2.1%
Others	2339	2631	2715	2767	2537	2511	2568	2643	2641	2705	**2778**	2.7%	1.7%	2.7%
of which: ethane and LPG	1899	2021	2092	2132	2065	2068	2111	2172	2129	2175	**2233**	2.7%	1.6%	2.2%
Total Middle East	9021	9268	9382	9350	9162	8376	8847	9321	9556	9669	**9724**	0.6%	0.8%	9.4%

Thousand barrels daily	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Africa														
Light distillates	1164	1196	1213	1250	1280	1214	1342	1402	1349	1332	**1398**	4.9%	1.8%	1.4%
of which: gasoline	1159	1190	1207	1244	1273	1208	1340	1400	1347	1331	**1396**	4.9%	1.9%	1.4%
of which: naphtha	5	6	7	7	7	6	2	2	2	1	**1**	-1.2%	-11.2%	†
Middle distillates	1959	1921	1964	1986	2022	1769	1933	2016	2077	2128	**2205**	3.6%	1.2%	2.1%
of which: diesel/gasoil	1679	1661	1691	1716	1752	1606	1742	1788	1824	1861	**1927**	3.6%	1.4%	1.9%
of which: jet/kerosene	280	260	273	270	269	163	191	228	254	267	**277**	4.1%	-0.1%	0.3%
Fuel oil	399	395	369	305	266	213	221	318	297	319	**328**	2.9%	-1.9%	0.3%
Others	585	597	618	638	673	646	672	677	699	722	**743**	3.0%	2.4%	0.7%
of which: ethane and LPG	401	414	444	466	478	478	496	509	540	551	**558**	1.3%	3.4%	0.5%
Total Africa	4107	4109	4164	4180	4241	3843	4168	4413	4422	4501	**4674**	3.8%	1.3%	4.5%
Asia Pacific														
Light distillates	10450	10737	11098	11425	11673	11122	11903	11831	12426	12651	**12683**	0.3%	2.0%	12.3%
of which: gasoline	6179	6401	6606	6871	7117	6570	7005	6990	7381	7550	**7523**	-0.4%	2.0%	7.3%
of which: naphtha	4271	4336	4491	4554	4556	4552	4898	4841	5045	5100	**5160**	1.2%	1.9%	5.0%
Middle distillates	11381	11496	11895	12153	11994	10185	10618	11279	12150	12350	**12478**	1.0%	0.9%	12.1%
of which: diesel/gasoil	8855	8820	9094	9225	9038	8281	8775	9481	9622	9597	**9640**	0.5%	0.9%	9.4%
of which: jet/kerosene	2526	2676	2801	2928	2956	1904	1843	1798	2527	2753	**2838**	3.1%	1.2%	2.8%
Fuel oil	2824	2875	2754	2590	2377	2344	2512	2609	2426	2402	**2426**	1.0%	-1.5%	2.4%
Others	7678	8404	8992	9564	10096	10504	10279	10693	11495	11653	**12134**	4.1%	4.7%	11.8%
of which: ethane and LPG	3558	3964	4254	4516	4645	4462	4761	4779	5354	5598	**5716**	2.1%	4.9%	5.5%
Total Asia Pacific	32333	33511	34738	35732	36141	34155	35313	36412	38496	39056	**39721**	1.7%	2.1%	38.5%
of which: China														
Light distillates	3716	3889	4060	4324	4571	4476	4944	4862	5515	5631	**5687**	1.0%	4.3%	5.5%
of which: gasoline	2601	2699	2791	2978	3125	2921	3280	3021	3345	3422	**3345**	-2.2%	2.6%	3.2%
of which: naphtha	1115	1190	1269	1346	1446	1555	1664	1841	2170	2209	**2341**	6.0%	7.7%	2.3%
Middle distillates	4197	4142	4257	4284	4095	3712	4008	4097	4527	4502	**4480**	-0.5%	0.7%	4.3%
of which: diesel/gasoil	3538	3403	3440	3378	3128	2928	3235	3622	3668	3573	**3539**	-1.0%	†	3.4%
of which: jet/kerosene	659	739	817	906	967	784	774	476	859	929	**941**	1.3%	3.6%	0.9%
Fuel oil	591	558	530	532	574	602	648	676	560	558	**567**	1.7%	-0.4%	0.6%
Others	3386	3708	4158	4503	4846	5426	5233	5440	6190	6211	**6627**	6.7%	6.9%	6.4%
of which: ethane and LPG	1120	1310	1456	1531	1536	1422	1696	1675	2243	2350	**2363**	0.5%	7.8%	2.3%
Total China	11890	12297	13004	13642	14086	14217	14833	15076	16792	16901	**17360**	2.7%	3.9%	16.8%
of which: India														
Light distillates	760	808	807	844	878	826	864	900	961	978	**937**	-4.2%	2.1%	0.9%
of which: gasoline	475	520	569	606	653	589	647	701	734	760	**766**	0.8%	4.9%	0.7%
of which: naphtha	285	288	238	238	225	237	217	199	227	218	**170**	-21.7%	-5.0%	0.2%
Middle distillates	1772	1846	1876	1955	1964	1610	1726	1904	2010	2065	**2124**	2.8%	1.8%	2.1%
of which: diesel/gasoil	1491	1571	1627	1701	1728	1478	1585	1740	1826	1866	**1918**	2.8%	2.5%	1.9%
of which: jet/kerosene	280	274	249	254	235	132	140	164	184	199	**206**	3.2%	-3.1%	0.2%
Fuel oil	113	136	122	120	114	104	111	124	121	119	**112**	-6.3%	-0.1%	0.1%
Others	1536	1785	1949	2086	2224	2198	2142	2280	2360	2451	**2470**	0.8%	4.9%	2.4%
of which: ethane and LPG	661	749	857	971	1046	1079	1099	1098	1120	1199	**1274**	6.3%	6.8%	1.2%
Total India	4181	4574	4754	5004	5179	4738	4843	5209	5452	5614	**5642**	0.5%	3.0%	5.5%
of which: Japan														
Light distillates	1714	1665	1679	1615	1598	1468	1507	1426	1398	1352	**1341**	-0.9%	-2.4%	1.3%
of which: gasoline	905	895	881	864	842	777	765	758	755	740	**738**	-0.3%	-2.0%	0.7%
of which: naphtha	809	769	798	751	756	691	742	668	642	612	**603**	-1.5%	-2.9%	0.6%
Middle distillates	1291	1298	1308	1283	1263	1102	1105	1123	1152	1146	**1140**	-0.5%	-1.2%	1.1%
of which: diesel/gasoil	789	787	783	782	772	725	733	737	718	705	**696**	-1.3%	-1.2%	0.7%
of which: jet/kerosene	502	511	525	501	492	377	372	386	435	441	**445**	0.8%	-1.2%	0.4%
Fuel oil	473	406	318	304	244	227	259	285	248	186	**173**	-7.1%	-9.6%	0.2%
Others	852	822	838	814	800	705	719	748	709	670	**661**	-1.5%	-2.5%	0.6%
of which: ethane and LPG	477	460	470	454	442	397	404	418	394	377	**376**	-0.3%	-2.3%	0.4%
Total Japan	4330	4190	4143	4016	3905	3502	3591	3582	3507	3355	**3314**	-1.2%	-2.6%	3.2%
World														
Light distillates	29511	30074	30617	30847	31002	28006	30348	30499	31364	31752	**31932**	0.6%	0.8%	31.0%
of which: gasoline	23226	23721	24061	24379	24605	21668	23556	24040	24761	25073	**25201**	0.5%	0.8%	24.5%
of which: naphtha	6284	6353	6556	6468	6398	6338	6793	6459	6603	6679	**6731**	0.8%	0.7%	6.5%
Middle distillates	34363	34312	35037	35659	35577	30092	32315	34361	35250	35500	**36213**	2.0%	0.5%	35.1%
of which: diesel/gasoil	27255	26856	27271	27670	27484	25258	26963	28140	27866	27727	**28162**	1.6%	0.3%	27.3%
of which: jet/kerosene	7107	7456	7766	7990	8092	4834	5352	6220	7384	7773	**8051**	3.6%	1.3%	7.8%
Fuel oil	7913	7962	7819	7401	7058	6530	6960	7310	7110	7028	**6871**	-2.2%	-1.4%	6.7%
Others	21585	22738	23627	24507	24943	25125	25415	25917	26894	27439	**28023**	2.1%	2.6%	27.2%
of which: ethane and LPG	12111	12827	13294	13930	14025	13926	14406	14440	15166	15785	**16066**	1.8%	2.9%	15.6%
Total World	93372	95086	97099	98415	98580	89754	95038	98086	100617	101719	**103039**	1.3%	1.0%	100.0%
OECD														
Light distillates	16523	16711	16833	16690	16573	14589	15703	15649	15740	15904	**15826**	-0.5%	-0.4%	15.4%
of which: gasoline	13301	13483	13477	13526	13479	11640	12562	12791	12991	13110	**13100**	-0.1%	-0.2%	12.7%
of which: naphtha	3222	3227	3356	3165	3094	2949	3141	2858	2749	2794	**2726**	-2.4%	-1.7%	2.6%
Middle distillates	17123	17208	17636	17926	17797	14842	15980	16820	16686	16627	**16967**	2.0%	-0.1%	16.5%
of which: diesel/gasoil	13098	13029	13274	13454	13276	12244	12954	12998	12477	12270	**12463**	1.6%	-0.5%	12.1%
of which: jet/kerosene	4025	4180	4362	4472	4521	2598	3026	3822	4210	4357	**4504**	3.4%	1.1%	4.4%
Fuel oil	2008	2055	1999	1929	1719	1440	1640	1722	1575	1511	**1429**	-5.4%	-3.3%	1.4%
Others	9782	9911	10057	10333	10472	10214	10567	10617	10701	10986	**10964**	-0.2%	1.1%	10.6%
of which: ethane and LPG	5513	5650	5703	6038	6106	6140	6224	6163	6283	6599	**6649**	0.8%	1.9%	6.5%
Total OECD	45436	45884	46524	46878	46562	41085	43891	44808	44702	45028	**45186**	0.4%	-0.1%	43.9%
Non-OECD														
Light distillates	12988	13363	13784	14157	14429	13418	14645	14849	15624	15848	**16106**	1.6%	2.2%	15.6%
of which: gasoline	9926	10238	10584	10853	11125	10028	10994	11249	11770	11963	**12101**	1.2%	2.0%	11.7%
of which: naphtha	3062	3126	3200	3304	3304	3390	3652	3601	3854	3885	**4004**	3.1%	2.7%	3.9%
Middle distillates	17240	17104	17401	17733	17779	15250	16335	17540	18564	18873	**19246**	2.0%	1.1%	18.7%
of which: diesel/gasoil	14158	13827	13997	14216	14208	13014	14009	15142	15389	15457	**15699**	1.6%	1.0%	15.2%
of which: jet/kerosene	3082	3277	3404	3517	3571	2236	2325	2399	3175	3416	**3547**	3.8%	1.4%	3.4%
Fuel oil	5905	5907	5820	5473	5340	5090	5320	5588	5535	5517	**5442**	-1.4%	-0.8%	5.3%
Others	11803	12827	13570	14174	14470	14911	14848	15299	16192	16453	**17059**	3.7%	3.8%	16.6%
of which: ethane and LPG	6598	7177	7591	7892	7919	7786	8181	8277	8884	9186	**9417**	2.5%	3.6%	9.1%
Total Non-OECD	47936	49202	50575	51536	52018	48669	51147	53277	55915	56691	**57853**	2.0%	1.9%	56.1%

† Less than 0.05%.

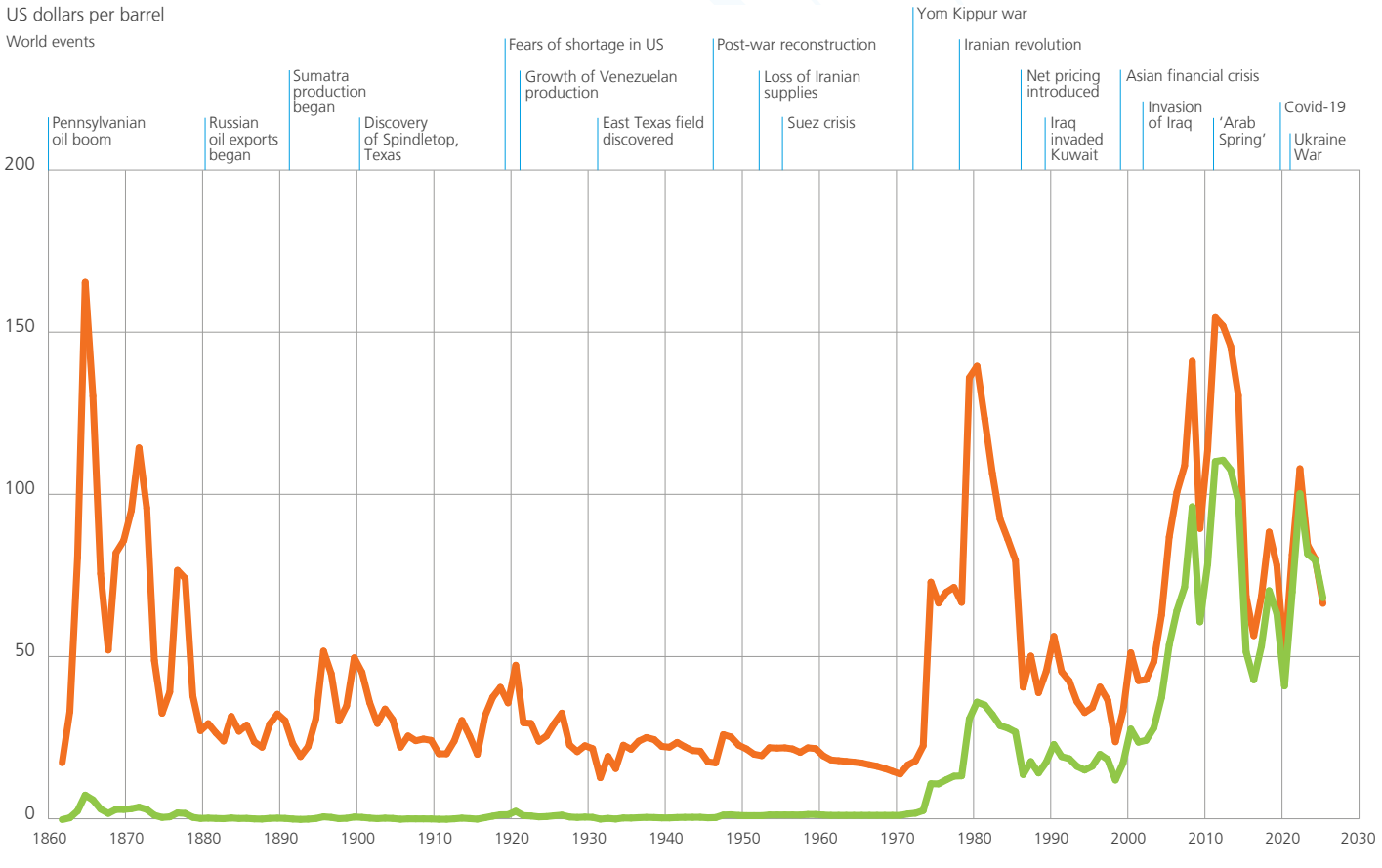
Notes: 'Light distillates' consists of aviation and motor gasolines and light distillate feedstock (LDF).
'Middle distillates' consists of jet and heating kerosenes, and gas and diesel oils (including marine bunkers).
'Fuel oil' includes marine bunkers and crude oil used directly as fuel.
'Others' consists of refinery gas, solvents, petroleum coke, lubricants, bitumen, wax, other refined products and refinery fuel and loss.
Annual changes and shares of total are calculated using thousand barrels daily figures.

Oil Spot crude prices

US dollars per barrel	Dubai $/bbl[1]	Brent $/bbl[2]	Nigerian Forcados $/bbl[3]	West Texas Intermediate $/bbl[4]
1972	1.90	–	–	–
1973	2.83	–	–	–
1974	10.41	–	–	–
1975	10.70	–	–	–
1976	11.63	12.80	12.87	12.23
1977	12.38	13.92	14.21	14.22
1978	13.03	14.02	13.65	14.55
1979	29.75	31.61	29.25	25.08
1980	35.69	36.83	36.98	37.96
1981	34.32	35.93	36.18	36.08
1982	31.80	32.97	33.29	33.65
1983	28.78	29.55	29.54	30.30
1984	28.06	28.78	28.14	29.39
1985	27.53	27.56	27.75	27.98
1986	13.10	14.43	14.46	15.05
1987	16.95	18.44	18.39	19.19
1988	13.18	14.92	15.00	15.98
1989	15.59	18.23	18.30	19.67
1990	20.21	23.73	23.85	24.46
1991	16.70	20.00	20.11	21.53
1992	17.18	19.32	19.61	20.57
1993	14.99	16.97	17.41	18.45
1994	14.69	15.82	16.25	17.21
1995	16.08	17.02	17.26	18.42
1996	19.26	20.67	21.16	22.16
1997	18.31	19.09	19.33	20.61
1998	12.30	12.72	12.63	14.39
1999	16.90	17.97	17.98	19.31
2000	26.27	28.50	28.42	30.37
2001	22.78	24.44	24.23	25.93
2002	23.60	25.02	25.04	26.16
2003	26.75	28.83	28.68	31.06
2004	33.51	38.27	38.13	41.49
2005	46.78	54.52	55.69	56.59
2006	61.48	65.14	67.07	66.04
2007	67.92	72.39	74.48	72.20
2008	94.28	97.26	101.43	100.06
2009	61.14	61.67	63.35	61.92
2010	77.78	79.50	81.05	79.45
2011	105.93	111.26	113.65	95.04
2012	109.06	111.67	114.21	94.13
2013	105.47	108.66	111.95	97.99
2014	97.02	98.95	101.35	93.28
2015	51.22	52.39	54.41	48.71
2016	41.02	43.73	44.54	43.34
2017	53.02	54.19	54.31	50.79
2018	70.15	71.31	72.47	65.20
2019	63.71	64.21	64.95	57.03
2020	42.41	41.84	42.31	39.25
2021	68.91	70.91	69.76	68.10
2022	96.38	101.32	101.40	94.58
2023	82.09	82.64	83.60	77.67
2024	79.58	80.76	81.75	75.87
2025	**69.36**	**69.10**	**70.15**	**64.87**

Source: S&P Global Energy, ©2026 by S&P Global Inc
[1] 1972-1985 Arabian Light, 1986-2023 Dubai dated.
[2] 1976-1983 Forties, 1984-2023 Brent dated.
[3] Forcados FOB Nigeria.
[4] 1976-1983 Posted WTI prices, 1984-2023 Spot WTI (Cushing) prices.

Crude oil prices 1861–2025



1861–1944 US Average. 1945–1983 Arabian Light posted at Ras Tanura. 1984–2025 Brent dated.

Oil Refining capacity*

Thousand barrels daily*	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	1931	1934	1970	1939	2054	2065	1954	1954	1954	1954	**1943**	-0.6%	0.1%	1.9%
Mexico	1522	1522	1546	1558	1558	1558	1558	1558	1558	1677	**1847**	10.1%	2.0%	1.8%
US	18317	18617	18598	18808	18974	18143	17941	18061	18429	18416	**18172**	-1.3%	-0.1%	17.5%
Total North America	**21770**	**22073**	**22113**	**22305**	**22586**	**21766**	**21453**	**21573**	**21941**	**22047**	**21962**	**-0.4%**	**0.1%**	**21.2%**
Argentina	657	657	657	580	580	580	580	580	580	600	**600**	†	-0.9%	0.6%
Brazil	2281	2289	2285	2285	2290	2290	2303	2304	2290	2279	**2296**	0.7%	0.1%	2.2%
Chile	242	242	242	242	242	242	242	242	242	242	**236**	-2.6%	-0.3%	0.2%
Colombia	276	386	386	386	386	386	385	465	465	465	**465**	†	5.4%	0.4%
Curaçao	320	320	320	320	320	320	320	320	320	320	**–**	-100.0%	-100.0%	†
Ecuador	175	175	175	175	175	175	175	186	196	196	**176**	-10.2%	0.1%	0.2%
Peru	253	260	260	260	260	195	283	290	290	290	**290**	†	1.4%	0.3%
Trinidad & Tobago	175	175	175	175	175	175	–	–	–	–	**–**	–	-100.0%	†
Venezuela	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	**1303**	†	†	1.3%
Other S. & Cent. America	659	659	659	659	659	839	564	384	384	384	**384**	†	-5.3%	0.4%
Total S. & Cent. America	**6341**	**6466**	**6462**	**6385**	**6390**	**6505**	**6155**	**6074**	**6070**	**6079**	**5749**	**-5.4%**	**-1.0%**	**5.5%**
Austria	193	193	193	193	193	193	193	193	193	193	**193**	0.1%	†	0.2%
Belgium	776	776	776	776	776	776	778	767	757	757	**757**	†	-0.2%	0.7%
Bulgaria	195	195	195	195	195	195	195	195	195	195	**196**	0.5%	0.1%	0.2%
Czech Republic	175	175	175	175	175	175	175	175	175	175	**174**	-0.7%	-0.1%	0.2%
Denmark	180	180	181	181	181	181	181	181	181	181	**173**	-4.4%	-0.4%	0.2%
Finland	261	261	261	261	261	261	220	206	206	206	**206**	†	-2.3%	0.2%
France	1375	1245	1245	1245	1245	1245	1170	1145	1145	1145	**1133**	-1.0%	-1.9%	1.1%
Germany	2049	2051	2069	2062	2062	2062	2121	2121	2103	2117	**1951**	-7.8%	-0.5%	1.9%
Greece	528	528	528	528	528	528	528	528	528	544	**544**	†	0.3%	0.5%
Hungary	165	165	165	165	165	165	165	165	165	165	**165**	†	†	0.2%
Ireland	75	75	75	75	75	75	75	75	75	75	**75**	†	†	0.1%
Italy	1900	1900	1900	1900	1900	1900	1900	1794	1794	1757	**1673**	-4.8%	-1.3%	1.6%
Lithuania	241	241	241	241	241	241	240	222	204	204	**204**	†	-1.7%	0.2%
Netherlands	1298	1328	1328	1360	1360	1360	1360	1348	1348	1348	**1260**	-6.5%	-0.3%	1.2%
Norway	342	342	342	342	342	342	226	226	226	226	**226**	†	-4.1%	0.2%
Poland	581	581	568	581	581	581	581	581	583	583	**583**	†	†	0.6%
Portugal	330	330	330	330	330	330	225	225	225	221	**221**	†	-3.9%	0.2%
Romania	239	256	247	254	252	239	252	252	252	243	**255**	5.1%	0.7%	0.2%
Slovakia	122	122	122	122	122	122	122	122	122	122	**122**	†	†	0.1%
Spain	1562	1562	1562	1564	1586	1586	1591	1591	1591	1591	**1532**	-3.7%	-0.2%	1.5%
Sweden	454	454	454	454	454	454	454	472	472	472	**472**	†	0.4%	0.5%
Switzerland	68	68	68	68	68	68	68	68	68	68	**68**	†	†	0.1%
Türkiye	596	596	596	818	822	822	809	797	797	801	**801**	†	3.0%	0.8%
Ukraine	250	250	250	250	250	250	250	250	10	10	**10**	†	-27.5%	†
United Kingdom	1337	1227	1227	1227	1227	1251	1251	1219	1219	1219	**1137**	-6.7%	-1.6%	1.1%
Other Europe	519	495	477	477	477	477	392	392	292	250	**259**	3.4%	-6.7%	0.2%
Total Europe	**15812**	**15597**	**15574**	**15844**	**15868**	**15879**	**15520**	**15308**	**14924**	**14867**	**14389**	**-3.2%**	**-0.9%**	**13.9%**
Azerbaijan	325	325	205	163	120	120	120	120	120	120	**120**	†	-9.5%	0.1%
Belarus	460	460	490	520	520	520	520	520	520	520	**500**	-3.8%	0.8%	0.5%
Kazakhstan	350	350	360	390	400	400	400	406	416	420	**420**	†	1.8%	0.4%
Russian Federation	6457	6563	6590	6596	6661	6746	6825	6781	6738	6718	**6718**	†	0.4%	6.5%
Turkmenistan	271	271	271	271	271	271	320	320	320	320	**320**	†	1.7%	0.3%
Uzbekistan	232	232	232	232	232	232	232	232	232	232	**232**	†	†	0.2%
Other CIS	44	46	49	49	52	62	73	73	67	67	**67**	-0.6%	4.2%	0.1%
Total CIS	**8139**	**8247**	**8197**	**8221**	**8256**	**8351**	**8490**	**8452**	**8413**	**8397**	**8377**	**-0.2%**	**0.3%**	**8.1%**
Bahrain	260	260	260	260	260	260	260	260	260	260	**320**	23.1%	2.1%	0.3%
Iran	2075	2075	2220	2330	2495	2475	2423	2430	2454	2460	**2460**	†	1.7%	2.4%
Iraq	763	779	779	849	919	919	919	1150	1219	1219	**1389**	13.9%	6.2%	1.3%
Israel	301	301	301	301	301	301	301	301	301	301	**301**	†	†	0.3%
Kuwait	936	936	736	736	736	800	800	835	1309	1430	**1430**	†	4.3%	1.4%
Oman	222	222	222	222	282	304	304	304	396	564	**564**	†	9.8%	0.5%
Qatar	283	429	429	429	429	429	429	429	429	429	**429**	†	4.2%	0.4%
Saudi Arabia	2899	2901	2826	2835	2905	2859	2889	3224	3289	3289	**3289**	†	1.3%	3.2%
United Arab Emirates	1149	1149	1189	1229	1251	1325	1309	1246	1246	1258	**1258**	†	0.9%	1.2%
Other Middle East	496	496	496	496	496	496	496	496	496	496	**496**	†	†	0.5%
Total Middle East	**9384**	**9548**	**9458**	**9687**	**10074**	**10168**	**10130**	**10675**	**11399**	**11706**	**11936**	**2.0%**	**2.4%**	**11.5%**
Algeria	651	651	657	657	657	657	657	657	657	657	**647**	-1.5%	-0.1%	0.6%
Egypt	810	810	810	812	812	812	812	812	812	842	**872**	3.6%	0.7%	0.8%
Morocco	201	201	201	201	–	–	–	–	–	–	**–**	–	-100.0%	†
Nigeria	449	339	214	219	220	226	235	240	404	905	**963**	6.4%	7.9%	0.9%
South Africa	520	510	510	510	510	499	385	253	209	209	**209**	†	-8.7%	0.2%
Other Africa	726	726	706	711	711	711	695	715	736	683	**627**	-8.1%	-1.5%	0.6%
Total Africa	**3357**	**3237**	**3098**	**3110**	**2910**	**2905**	**2784**	**2677**	**2818**	**3296**	**3318**	**0.7%**	**-0.1%**	**3.2%**
Australia	486	461	469	474	474	474	313	237	237	237	**237**	†	-6.9%	0.2%
Bangladesh	43	43	43	43	43	48	43	43	43	43	**43**	†	†	†
China	15024	14895	15231	15655	16199	16691	16990	17259	18467	18577	**18829**	1.4%	2.3%	18.1%
India	4307	4620	4699	4972	4994	5018	5005	5045	5085	5172	**4924**	-4.8%	1.3%	4.7%
Indonesia	1111	1111	1111	1094	1111	1094	1167	1230	1242	1242	**1259**	1.4%	1.3%	1.2%
Japan	3721	3600	3343	3343	3343	3285	3285	3164	3069	2955	**3110**	5.3%	-1.8%	3.0%
Malaysia	612	618	625	625	751	699	633	874	991	991	**991**	†	4.9%	1.0%
New Zealand	136	136	136	136	136	136	135	76	30	30	**30**	†	-14.0%	†
Pakistan	389	389	401	401	401	430	443	453	454	474	**474**	†	2.0%	0.5%
Philippines	271	271	271	271	271	180	180	180	180	180	**180**	†	-4.0%	0.2%
Singapore	1514	1514	1514	1514	1514	1514	1461	1289	1289	1289	**1289**	†	-1.6%	1.2%
South Korea	3128	3259	3298	3346	3393	3334	3363	3363	3363	3363	**3570**	6.1%	1.3%	3.4%
Taiwan	988	988	1083	1083	1083	1131	1131	1083	1083	1140	**1140**	†	1.4%	1.1%
Thailand	1252	1235	1235	1235	1235	1245	1245	1245	1244	1242	**1242**	†	-0.1%	1.2%
Vietnam	159	163	167	367	367	367	367	367	367	367	**367**	†	8.7%	0.4%
Other Asia Pacific	186	186	186	187	347	347	347	347	341	341	**340**	-0.2%	6.2%	0.3%
Total Asia Pacific	**33326**	**33488**	**33811**	**34745**	**35661**	**35991**	**36107**	**36255**	**37485**	**37642**	**38025**	**1.0%**	**1.3%**	**36.6%**
Total World	**98129**	**98655**	**98714**	**100296**	**101746**	**101565**	**100639**	**101015**	**103050**	**104033**	**103756**	**-0.3%**	**0.6%**	**100.0%**
of which: OECD	44668	44858	44694	45200	45556	44641	43909	43641	43823	43809	**43579**	-0.5%	-0.2%	42.0%
Non-OECD	53461	53797	54020	55096	56190	56924	56730	57374	59227	60225	**60177**	-0.1%	1.2%	58.0%
European Union	12871	12791	12786	12833	12854	12841	12696	12528	12444	12383	**11980**	-3.3%	-0.7%	11.5%

Source: Includes data from ICIS and S&P Global Energy.
* Atmospheric distillation capacity at year end on a calendar-day basis.
† Less than 0.05%.

Oil Refinery throughput

Thousand barrels daily	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	1640	1594	1757	1653	1822	1585	1653	1696	1716	1741	**1737**	-0.2%	0.6%	2.1%
Mexico	1064	933	767	612	592	591	712	816	792	906	**1017**	12.3%	-0.5%	1.2%
US	16188	16187	16590	16969	16563	14212	15147	15977	15967	16225	**16371**	0.9%	0.1%	19.7%
Total North America	**18892**	**18714**	**19114**	**19234**	**18977**	**16387**	**17512**	**18489**	**18475**	**18872**	**19126**	**1.3%**	**0.1%**	**23.0%**
Argentina	536	511	500	470	476	417	472	489	519	525	**540**	2.9%	0.1%	0.7%
Brazil	1972	1812	1741	1733	1751	1769	1818	1935	2004	1989	**1977**	-0.6%	†	2.4%
Chile	165	163	172	172	186	172	192	174	192	190	**191**	0.4%	1.5%	0.2%
Colombia	201	285	307	373	381	326	361	358	420	414	**414**	0.1%	7.5%	0.5%
Curaçao	178	156	84	29	4	–	–	–	–	–	**–**	–	-100.0%	†
Ecuador	121	150	156	159	142	116	163	177	168	143	**150**	4.9%	2.2%	0.2%
Peru	188	194	213	209	192	105	138	133	173	191	**180**	-5.7%	-0.4%	0.2%
Trinidad & Tobago	125	148	131	99	–	–	–	–	–	–	**–**	–	-100.0%	†
Venezuela	863	654	649	401	352	160	218	257	260	258	**278**	7.7%	-10.7%	0.3%
Other S. & Cent. America	276	231	201	246	239	253	274	201	180	168	**181**	7.7%	-4.1%	0.2%
Total S. & Cent. America	**4625**	**4306**	**4154**	**3890**	**3724**	**3319**	**3637**	**3723**	**3915**	**3878**	**3911**	**0.9%**	**-1.7%**	**4.7%**
Austria	179	164	162	180	183	164	166	113	161	162	**162**	0.1%	-1.0%	0.2%
Belgium	644	640	685	663	693	545	577	558	606	617	**696**	12.8%	0.8%	0.8%
Bulgaria	121	125	136	118	137	97	84	141	126	133	**130**	-2.0%	0.7%	0.2%
Czech Republic	145	109	158	151	158	122	143	150	150	132	**141**	7.5%	-0.3%	0.2%
Denmark	147	140	151	152	154	142	150	145	150	137	**150**	9.7%	0.2%	0.2%
Finland	197	226	226	233	240	219	159	186	197	163	**186**	14.1%	-0.6%	0.2%
France	1152	1122	1149	1085	978	665	683	829	912	907	**886**	-2.3%	-2.6%	1.1%
Germany	1875	1887	1870	1752	1763	1685	1690	1801	1594	1732	**1642**	-5.2%	-1.3%	2.0%
Greece	436	464	483	489	462	445	476	442	469	477	**470**	-1.4%	0.8%	0.6%
Hungary	130	133	131	141	137	135	134	129	139	136	**123**	-9.4%	-0.5%	0.1%
Ireland	68	64	64	61	51	57	61	60	56	40	**39**	-1.1%	-5.2%	†
Italy	1347	1293	1399	1346	1355	1105	1224	1317	1304	1237	**1249**	1.0%	-0.8%	1.5%
Lithuania	170	187	197	195	191	157	160	165	183	177	**160**	-9.7%	-0.6%	0.2%
Netherlands	1055	1080	1060	1085	1124	983	1039	1001	1069	945	**1068**	12.9%	0.1%	1.3%
Norway	293	230	281	305	265	237	222	145	159	141	**170**	20.5%	-5.3%	0.2%
Poland	532	517	508	540	546	516	497	535	502	520	**519**	-0.1%	-0.3%	0.6%
Portugal	278	279	284	252	223	218	191	204	189	216	**211**	-2.2%	-2.7%	0.3%
Romania	208	228	229	233	244	211	200	235	207	220	**231**	5.2%	1.1%	0.3%
Slovakia	119	115	112	109	103	112	111	108	105	94	**110**	16.6%	-0.8%	0.1%
Spain	1306	1302	1326	1363	1318	1105	1143	1275	1243	1288	**1280**	-0.7%	-0.2%	1.5%
Sweden	401	395	392	406	337	349	366	369	352	359	**343**	-4.3%	-1.6%	0.4%
Switzerland	56	59	57	61	55	56	46	61	57	51	**60**	17.6%	0.6%	0.1%
Türkiye	526	531	542	472	673	655	692	736	726	699	**700**	0.2%	2.9%	0.8%
Ukraine	64	64	77	92	94	97	64	10	–	–	**–**		-100.0%	†
United Kingdom	1118	1071	1073	1041	1044	890	897	1017	952	969	**919**	-5.2%	-1.9%	1.1%
Other Europe	141	148	164	163	124	110	114	122	119	122	**147**	20.5%	0.4%	0.2%
Total Europe	**12708**	**12573**	**12914**	**12689**	**12651**	**11076**	**11289**	**11854**	**11726**	**11672**	**11792**	**1.0%**	**-0.7%**	**14.2%**
Azerbaijan	130	120	118	122	124	118	133	126	126	117	**114**	-2.0%	-1.3%	0.1%
Belarus	462	372	364	366	359	326	329	295	335	295	**295**	†	-4.4%	0.4%
Kazakhstan	342	339	355	374	392	367	391	457	419	406	**378**	-6.9%	1.0%	0.5%
Russian Federation	5773	5715	5692	5812	5790	5485	5703	5511	5659	5200	**4900**	-5.8%	-1.6%	5.9%
Turkmenistan	127	118	125	117	122	118	130	130	130	130	**162**	24.5%	2.5%	0.2%
Uzbekistan	70	72	75	81	73	70	72	67	77	75	**74**	-1.1%	0.5%	0.1%
Other CIS	7	8	9	11	7	4	6	7	6	6	**6**	†	-1.7%	†
Total CIS	**6912**	**6744**	**6737**	**6883**	**6868**	**6489**	**6763**	**6593**	**6752**	**6229**	**5929**	**-4.8%**	**-1.5%**	**7.1%**
Bahrain	266	258	262	260	264	230	223	251	246	261	**280**	7.3%	0.5%	0.3%
Iran	1672	1679	1665	1611	1898	1775	1946	2003	2041	2052	**2019**	-1.6%	1.9%	2.4%
Iraq	408	439	524	690	737	631	713	804	888	898	**900**	0.2%	8.2%	1.1%
Israel	232	213	223	238	252	227	238	253	228	228	**230**	1.0%	-0.1%	0.3%
Kuwait	905	841	686	679	663	583	653	807	1047	1248	**1150**	-7.9%	2.4%	1.4%
Oman	190	178	232	304	257	221	253	277	384	476	**496**	4.2%	10.1%	0.6%
Qatar	253	280	379	406	387	335	357	394	398	397	**363**	-8.5%	3.7%	0.4%
Saudi Arabia	2447	2753	2802	2770	2581	2179	2536	2916	2707	2762	**2741**	-0.8%	1.1%	3.3%
United Arab Emirates	1098	1078	1119	1096	1037	936	1063	954	979	977	**994**	1.8%	-1.0%	1.2%
Other Middle East	221	191	219	187	170	42	93	104	108	91	**113**	24.1%	-6.5%	0.1%
Total Middle East	**7690**	**7909**	**8110**	**8240**	**8244**	**7158**	**8075**	**8764**	**9028**	**9391**	**9287**	**-1.1%**	**1.9%**	**11.2%**
Algeria	591	584	573	601	569	585	588	650	646	617	**653**	5.8%	1.0%	0.8%
Egypt	530	509	508	522	565	605	600	629	535	517	**530**	2.5%	†	0.6%
Morocco	53	–	–	–	–	–	–	–	–	–	**–**	–	-100.0%	†
Nigeria	22	62	81	36	8	0	3	6	18	239	**360**	50.6%	32.3%	0.4%
South Africa	453	474	447	455	445	217	118	126	116	116	**118**	1.6%	-12.6%	0.1%
Other Africa	448	452	415	418	392	393	391	423	363	359	**359**	†	-2.2%	0.4%
Total Africa	**2096**	**2081**	**2024**	**2032**	**1979**	**1800**	**1700**	**1834**	**1677**	**1848**	**2020**	**9.3%**	**-0.4%**	**2.4%**
Australia	427	433	419	474	465	388	328	264	264	254	**260**	2.2%	-4.9%	0.3%
Bangladesh	25	23	28	25	28	22	39	33	31	36	**36**	†	3.7%	†
China	10824	11304	11844	12574	13433	13824	14421	13995	15214	14629	**14747**	0.8%	3.1%	17.8%
India	4561	4930	5010	5154	5119	4493	4792	5082	5249	5322	**5468**	2.7%	1.8%	6.6%
Indonesia	743	887	885	916	918	826	823	884	907	844	**870**	3.0%	1.6%	1.0%
Japan	3258	3280	3214	3059	3046	2492	2488	2694	2545	2353	**2367**	0.6%	-3.1%	2.8%
Malaysia	494	548	543	513	560	531	508	634	661	639	**627**	-1.9%	2.4%	0.8%
New Zealand	109	107	108	103	110	76	74	18	–	–	**–**	–	-100.0%	†
Pakistan	257	242	261	275	243	210	240	231	222	232	**252**	8.8%	-0.2%	0.3%
Philippines	212	216	211	237	163	95	79	120	132	133	**134**	0.8%	-4.5%	0.2%
Singapore	901	929	994	985	909	728	739	772	901	960	**936**	-2.5%	0.4%	1.1%
South Korea	2784	2928	3061	3031	2922	2679	2634	2811	2758	2807	**2812**	0.2%	0.1%	3.4%
Taiwan	838	861	848	889	890	726	770	815	807	778	**813**	4.5%	-0.3%	1.0%
Thailand	1066	1022	1064	1093	990	982	976	1021	1054	1085	**1074**	-1.0%	0.1%	1.3%
Vietnam	155	155	141	221	276	276	308	356	327	385	**384**	-0.3%	9.5%	0.5%
Other Asia Pacific	87	100	90	89	91	193	231	230	226	247	**238**	-3.8%	10.5%	0.3%
Total Asia Pacific	**26741**	**27966**	**28722**	**29638**	**30164**	**28539**	**29451**	**29960**	**31297**	**30704**	**31017**	**1.0%**	**1.5%**	**37.3%**
Total World	**79665**	**80293**	**81775**	**82607**	**82608**	**74768**	**78426**	**81217**	**82871**	**82594**	**83081**	**0.6%**	**0.4%**	**100.0%**
of which: OECD	38242	38133	38927	38766	38390	33308	34654	36408	36156	36315	**36682**	1.0%	-0.4%	44.2%
Non-OECD	41423	42160	42848	43841	44219	41460	43773	44809	46716	46279	**46399**	0.3%	1.1%	55.8%
European Union	10568	10534	10791	10627	10449	9070	9292	9798	9747	9730	**9857**	1.3%	-0.7%	11.9%

Source: Includes data from ICIS and S&P Global Energy.
^ Less than 0.5.
† Less than 0.05%.

Oil Trade movements

Thousand barrels daily	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Imports														
US	9451	10056	10147	9927	9141	7866	8475	8343	8556	8448	**7926**	-6.2%	-1.7%	11.4%
Europe	13775	14220	14553	14055	13846	12330	12462	14063	12667	12648	**12353**	-2.3%	-1.1%	17.7%
China	8333	9215	10241	10854	11603	12310	12499	12232	13887	13402	**13855**	3.4%	5.2%	19.9%
India	4396	4945	4920	5195	5370	4898	5302	5753	5762	6192	**6545**	5.7%	4.1%	9.4%
Japan	4332	4180	4142	3940	3774	3305	3350	3465	3332	3100	**3077**	-0.7%	-3.4%	4.4%
Rest of World	22856	28401	25596	25738	25714	23841	24341	25370	25827	25573	**25844**	1.1%	1.2%	37.1%
Total World	**63142**	**71018**	**69599**	**69709**	**69449**	**64550**	**66430**	**69225**	**70030**	**69363**	**69600**	**0.3%**	**1.0%**	**100.0%**
Exports														
Canada	3842	3885	4232	4494	4654	4388	4642	4696	4897	5122	**5200**	1.5%	3.1%	7.5%
Mexico	1324	1406	1282	1302	1244	1242	1222	1169	1267	1025	**844**	-17.7%	-4.4%	1.2%
US	4562	5082	5881	7039	8010	8135	7956	8820	9292	9646	**9791**	1.5%	7.9%	14.1%
S. & Cent. America	4088	5733	3982	3721	3505	3518	3004	3089	3695	4308	**4405**	2.3%	0.8%	6.3%
Europe	3006	4814	3357	3331	3178	3563	2732	2545	2343	1990	**1663**	-16.4%	-5.7%	2.4%
Russian Federation	8339	8811	8979	8024	8049	7250	7806	8100	7557	7563	**7148**	-5.5%	-1.5%	10.3%
Other CIS	2016	2087	2219	1982	2041	2071	1859	1838	1890	1809	**2079**	14.9%	0.3%	3.0%
Saudi Arabia	8062	8718	8383	8682	8467	8095	7686	8687	8265	7657	**7669**	0.1%	-0.5%	11.0%
Middle East (ex Saudi Arabia)	13888	15896	16213	16108	15019	13811	15368	16552	16529	16654	**17248**	3.6%	2.2%	24.8%
North Africa	1731	1686	2177	2424	2441	1525	2225	2125	2132	2153	**2467**	14.6%	3.6%	3.5%
West Africa	4864	4447	4488	4499	4595	4102	3756	3537	3467	3452	**3435**	-0.5%	-3.4%	4.9%
Asia Pacific (ex Japan)	5887	6348	6555	6270	6304	5420	5994	5845	6407	5800	**5587**	-3.7%	-0.5%	8.0%
Rest of World	1532	2104	1852	1834	1941	1430	2180	2224	2288	2183	**2064**	-5.5%	3.0%	3.0%
Total World	**63142**	**71018**	**69599**	**69709**	**69449**	**64550**	**66430**	**69225**	**70030**	**69363**	**69600**	**0.3%**	**1.0%**	**100.0%**

Source: Includes data from FGE NexantECA.
Notes: Unless otherwise stated, this table shows inter-regional trade based on the regional classification in the table 'Oil trade in 2024 and 2025'.
Does not include biofuels trade. Bunker fuel use is not included as exports.
Annual changes and shares of total are calculated using thousand barrels daily figures.

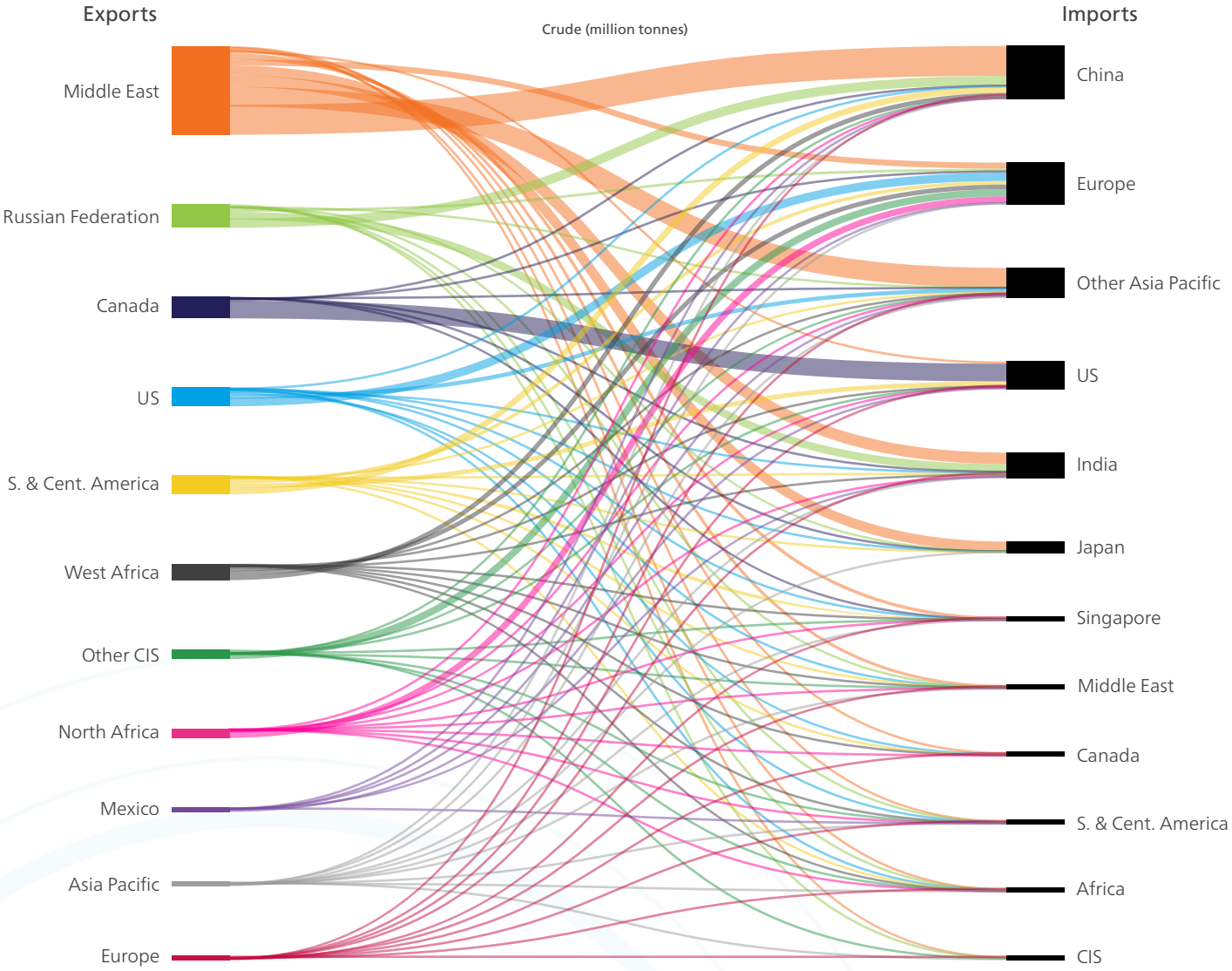
Oil Trade in 2024 and 2025

Million tonnes	2024 Crude imports	2024 Product imports	2024 Crude exports	2024 Product exports	2025 Crude imports	2025 Product imports	2025 Crude exports	2025 Product exports
Canada	27.1	22.7	218.1	36.2	26.8	23.6	222.3	35.2
Mexico	–	57.7	41.7	9.1	-	53.9	33.9	7.8
US	328.9	89.2	201.6	269.1	307.2	84.1	202.8	273.6
S. & Cent. America	23.6	97.0	181.5	32.3	22.6	109.8	184.9	33.1
Europe	444.1	180.1	13.0	83.0	442.5	165.8	10.2	69.8
Russian Federation	†	1.0	258.3	114.7	†	0.7	236.5	114.8
Other CIS	16.8	5.9	80.1	9.9	14.3	7.5	94.4	8.7
Iraq	†	5.1	177.6	21.7	–	1.1	179.1	25.5
Kuwait	–	0.3	66.9	41.0	–	0.3	76.8	43.3
Saudi Arabia	7.8	24.8	323.8	56.2	6.9	25.6	326.2	53.4
United Arab Emirates	6.0	30.2	184.7	93.6	3.5	33.3	194.4	85.8
Other Middle East	29.9	22.4	167.7	69.1	36.4	19.5	172.5	72.1
North Africa	2.1	46.2	70.8	35.3	4.3	51.1	86.5	34.9
West Africa	3.6	50.0	164.5	7.6	7.2	39.8	161.3	9.4
East & S. Africa	10.2	51.3	2.0	2.1	9.2	51.4	4.2	2.3
Australasia	7.7	54.4	9.0	5.6	8.4	56.7	9.1	5.3
China	554.2	110.5	0.9	56.6	581.2	104.5	1.1	54.5
India	247.4	59.4	0.1	90.7	262.2	61.1	0.1	81.5
Japan	115.0	38.3	0.1	9.8	115.3	36.4	0.1	10.6
Singapore	43.5	87.2	0.2	72.5	47.0	84.6	0.4	75.2
Other Asia Pacific	308.6	202.7	13.9	120.6	313.8	196.7	12.1	110.7
Total World	**2176.4**	**1236.4**	**2176.4**	**1236.4**	**2209.0**	**1207.4**	**2209.0**	**1207.4**

Thousand barrels daily	2024 Crude imports	2024 Product imports	2024 Crude exports	2024 Product exports	2025 Crude imports	2025 Product imports	2025 Crude exports	2025 Product exports
Canada	543	472	4367	754	538	493	4464	736
Mexico	–	1204	836	189	–	1127	681	162
US	6588	1860	4037	5609	6169	1757	4072	5719
S. & Cent. America	472	2023	3635	672	454	2295	3713	692
Europe	8893	3755	260	1730	8887	3466	205	1459
Russian Federation	1	21	5172	2391	1	15	4749	2399
Other CIS	337	123	1603	206	287	158	1897	183
Iraq	‡	106	3556	453	–	23	3598	533
Kuwait	–	6	1340	854	–	5	1542	906
Saudi Arabia	156	516	6486	1172	139	535	6552	1117
United Arab Emirates	121	630	3698	1952	71	695	3905	1793
Other Middle East	599	467	3359	1441	732	407	3465	1506
North Africa	41	964	1418	735	86	1068	1737	730
West Africa	72	1042	3295	158	146	832	3239	196
East & S. Africa	205	1070	40	43	185	1074	85	48
Australasia	155	1133	179	116	168	1186	182	110
China	11099	2303	18	1179	11671	2184	22	1138
India	4954	1238	3	1891	5267	1278	3	1704
Japan	2302	798	2	205	2316	762	2	222
Singapore	871	1818	4	1511	944	1768	7	1572
Other Asia Pacific	6181	4225	279	2514	6301	4112	242	2313
Total World	**43588**	**25774**	**43588**	**25774**	**44361**	**25239**	**44361**	**25239**

Source: Includes data from FGE NexantECA.
† Less than 0.05.
‡ Less than 0.5.
Notes: Does not include biofuels trade. Bunker fuel use is not included as exports. Intra-area movements (for example, between countries within Europe) are excluded.
Crude imports and exports include condensates.

Oil Inter-area movements 2025 – Crude trade



In 2025, international trade of crude oil grew 1% to 2.2 billion tonnes. The Middle East remained the largest exporter, accounting for 43% of all exports. Saudia Arabia continued to be the largest exporter, accounting for 15% of globally traded volumes, with the Russian Federation being the second. Canada increased their exports in 2025 and remained the third largest exporter accounting for 10% of global exports.

China remained the single largest importer of crude oil, importing 0.58 billion tonnes, accounting for 26% of total global trade in 2025. Despite both decreasing their imports of crude oil in 2025, Europe remained the second largest importer with at 20% share of global trade, followed by the US at 14%.

Note: regional groupings vary across trade tables and data will vary accordingly.

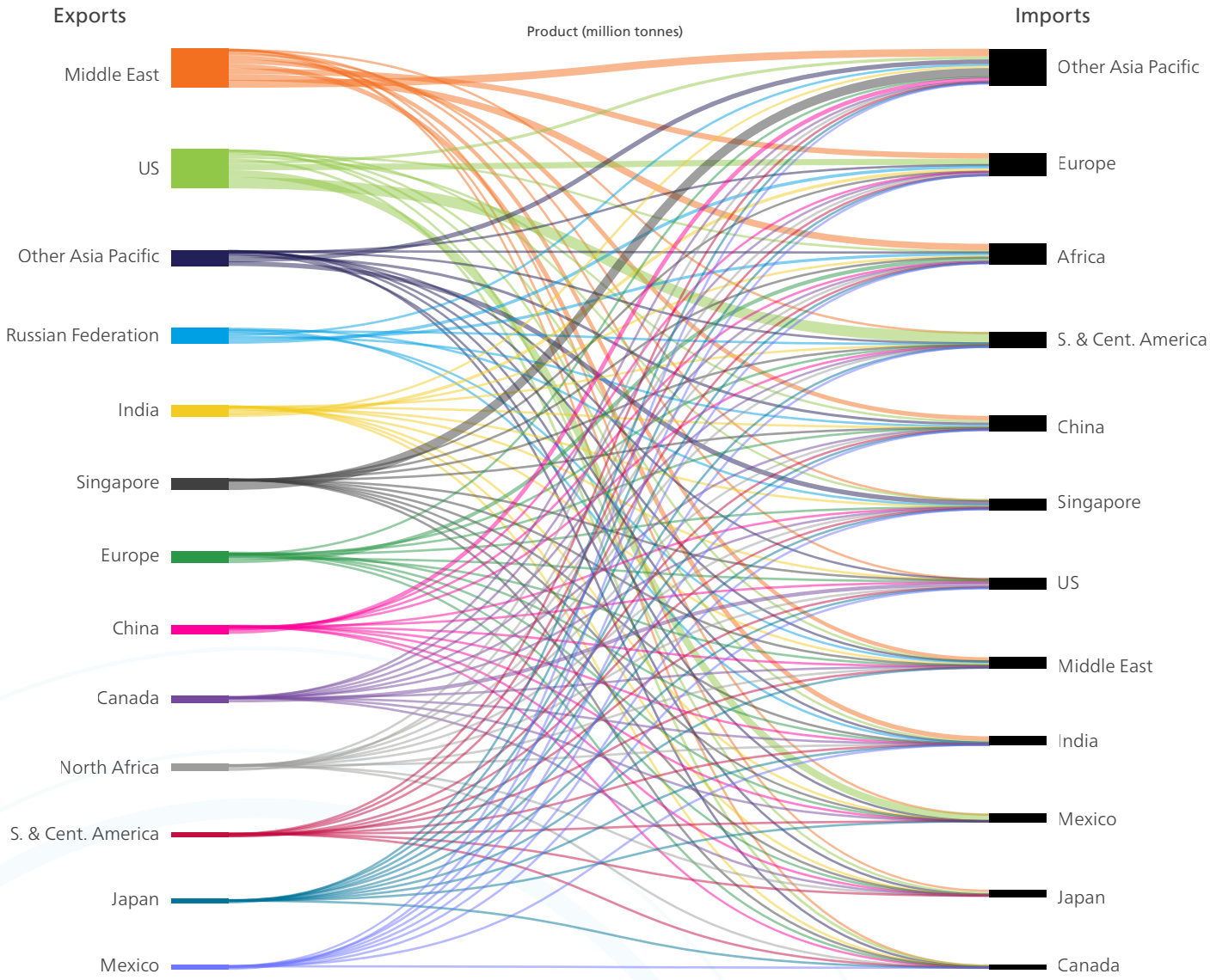
Oil Inter-area movements 2025 crude trade

Crude (million tonnes)

From \ To	Canada	Mexico	US	S. & Cent. America	Europe	Russian Federation	Other CIS	Middle East	Africa	Australasia	China	India	Japan	Singapore	Other Asia Pacific	Total
Canada	–	–	194.7	†	8.3	–	–	–	†	–	16.3	0.1	0.1	0.2	2.7	**222.3**
Mexico	–	–	19.1	0.1	8.9	–	–	–	–	–	0.8	1.4	–	–	3.7	**33.9**
US	19.1	–	–	10.8	91.8	–	–	†	6.9	1.1	2.3	17.6	4.3	4.3	44.5	**202.8**
S. & Cent. America	0.5	–	50.3	–	38.8	–	–	0.1	3.7	†	68.0	9.3	1.6	2.6	10.2	**184.9**
Europe	0.2	–	3.0	0.1	–	–	†	0.1	0.4	†	4.2	0.6	–	0.4	1.3	**10.2**
Russian Federation	–	–	–	0.5	28.5	–	14.3	5.5	0.3	–	100.7	84.9	0.1	–	1.8	**236.5**
Other CIS	–	–	1.5	1.2	78.8	†	–	5.0	0.7	–	4.0	–	–	0.2	3.1	**94.4**
Iraq	–	–	8.9	0.2	31.8	–	†	1.7	0.6	–	64.6	49.7	–	3.9	17.7	**179.1**
Kuwait	–	–	0.7	–	0.1	–	–	6.7	0.1	–	19.0	8.8	7.4	0.2	33.8	**76.8**
Saudi Arabia	2.8	–	13.4	3.5	32.4	–	–	15.1	3.4	–	80.8	36.5	45.8	3.2	89.3	**326.2**
UAE	†	–	1.4	–	0.6	–	–	0.3	0.2	†	37.5	26.7	49.1	19.9	58.5	**194.4**
Other Middle East	†	–	–	0.7	0.8	–	†	7.9	–	0.1	127.1	4.7	6.0	7.5	17.7	**172.5**
North Africa	0.7	–	3.9	1.3	69.7	–	†	0.1	0.3	0.3	1.6	4.6	–	0.1	4.0	**86.5**
West Africa	3.5	–	10.4	4.0	51.0	–	–	2.9	4.2	0.6	51.8	15.5	–	0.6	16.8	**161.3**
East & S. Africa	–	–	–	†	0.8	–	–	†	†	–	0.7	0.1	0.3	0.3	2.1	**4.2**
Australasia	–	–	–	–	–	–	–	0.7	–	–	0.7	–	0.3	1.7	5.7	**9.1**
China	–	–	–	0.3	–	–	–	–	0.1	–	–	–	–	†	0.7	**1.1**
India	†	–	–	†	†	–	–	0.1	†	†	–	–	–	–	†	**0.1**
Japan	–	–	–	–	–	–	–	–	†	–	–	–	–	†	0.1	**0.1**
Singapore	–	–	–	–	0.1	–	–	–	–	–	–	0.2	–	–	†	**0.4**
Other Asia Pacific	†	–	–	–	†	–	†	0.7	–	6.3	1.3	1.6	0.4	1.8	–	**12.1**
Total imports	**26.8**	**–**	**307.2**	**22.6**	**442.5**	**†**	**14.3**	**46.9**	**20.8**	**8.4**	**581.2**	**262.2**	**115.3**	**47.0**	**313.8**	**2209.0**

Source: Includes data from FGE NexantECA.
† Less than 0.05.
Notes: Does not include biofuels trade. Bunker fuel use is not included as exports. Intra-area movements (for example, between countries within Europe) are excluded. Crude imports and exports include condensates.

Oil Inter-area movements 2025 – Refined product



International trade of refined oil products decreased marginally to 1.2 billion tonnes in 2025, approximately 55% of global crude trade tonnage. The US grew its position as the largest product exporter, accounting for 23% of global exports, with the Russian Federation the second largest product exporter. The Middle East and the US combined accounted for 46% of total exports. Europe, India and the UAE all saw their product exports decrease. The Asia-Pacific region increased its share of product imports to 44% of the global market, with China alone accounting for 9% of global imports. Europe and Africa continue to be the second and third largest importers of oil products, with Europe seeing a moderate decline in 2025.

Note: regional groupings vary across trade tables and data will vary accordingly.

Oil Inter-area movements 2025 refined product

Product (million tonnes)

From	To														
	Canada	Mexico	US	S. & Cent. America	Europe	Russian Federation	Other CIS	Middle East	Africa	Australasia	China	India	Japan	Singapore	Other Asia Pacific	**Total**
Canada	–	0.1	27.9	2.0	0.9	–	†	†	†	†	2.4	0.2	1.2	†	0.6	**35.2**
Mexico	†	–	5.8	0.2	0.6	–	†	†	†	†	†	0.6	†	0.5	†	**7.8**
US	18.6	52.2	–	80.7	44.6	†	†	1.4	14.7	0.9	16.5	10.9	10.6	2.0	20.5	**273.6**
S. & Cent. America	0.1	0.3	7.9	–	3.5	†	†	0.6	4.6	†	6.1	1.8	0.9	6.3	0.9	**33.1**
Europe	3.8	0.1	14.7	5.2	–	†	1.8	7.2	28.3	†	1.7	1.0	0.3	3.5	2.2	**69.8**
Russian Federation	–	–	–	10.5	22.8	–	4.8	11.7	20.8	–	14.7	8.4	–	7.5	13.6	**114.8**
Other CIS	†	†	†	0.1	2.0	0.4	–	3.6	0.3	†	0.6	†	–	0.5	1.2	**8.7**
Iraq	–	–	3.4	†	2.9	–	†	9.2	0.2	–	1.2	2.2	0.2	2.5	3.8	**25.5**
Kuwait	†	–	1.5	0.1	13.3	–	†	3.6	5.7	†	2.9	3.9	3.3	2.1	7.0	**43.3**
Saudi Arabia	†	–	2.7	0.7	14.0	–	0.3	0.4	14.9	†	4.4	6.5	0.2	3.8	5.5	**53.4**
UAE	†	†	0.4	0.9	5.9	–	0.1	5.7	14.9	0.9	13.6	13.1	4.9	5.1	20.2	**85.8**
Other Middle East	†	†	1.1	0.8	4.7	†	0.1	9.3	12.5	0.3	10.3	8.2	4.0	2.5	18.2	**72.1**
North Africa	†	–	2.9	0.5	14.3	†	0.1	7.6	1.6	†	1.8	0.3	†	0.2	5.5	**34.9**
West Africa	†	–	1.9	0.7	2.6	†	†	†	0.6	†	1.2	†	†	1.9	0.4	**9.4**
East & S. Africa	†	†	0.2	0.1	0.1	†	†	0.2	1.3	†	†	†	†	0.2	0.2	**2.3**
Australasia	†	†	–	†	0.8	–	†	†	†	–	1.3	†	0.6	1.0	1.5	**5.3**
China	0.4	0.5	0.3	3.7	6.1	0.2	0.2	1.4	4.7	3.4	–	0.3	1.7	4.9	26.7	**54.5**
India	0.2	†	4.6	1.8	22.0	†	†	14.1	15.0	5.1	2.4	–	0.5	5.0	10.8	**81.5**
Japan	0.1	†	0.6	0.3	†	–	†	†	†	1.9	0.9	0.1	–	1.8	4.9	**10.6**
Singapore	0.2	0.6	0.5	†	1.6	†	†	0.6	0.8	12.4	4.2	0.9	0.3	–	53.1	**75.2**
Other Asia Pacific	0.1	0.1	7.8	1.4	2.9	0.1	0.1	3.0	1.5	31.7	18.2	2.7	7.9	33.2	–	**110.7**
Total imports	**23.6**	**53.9**	**84.1**	**109.8**	**165.8**	**0.7**	**7.5**	**79.7**	**142.3**	**56.7**	**104.5**	**61.1**	**36.4**	**84.6**	**196.7**	**1207.4**

Source: Includes data from FGE NexantECA
† Less than 0.05.
Notes: Does not include biofuels trade. Bunker fuel use is not included as exports. Intra-area movements (for example, between countries within Europe) are excluded.



Natural gas

LNG trade expanded by 6.5% as gas consumption grew by 1.6%

Global natural gas production and consumption both rose by 1.6%; the former to 4,196bcm, the latter to 4,186bcm. As gas-fired power generation only grew by 0.6%, the majority of growth was driven by other consumers such as chemicals. Consumption growth was concentrated in Europe (4.2%), the Middle East (2.9%) and Africa (3.6%). North America also expanded (1.6%), while the Asia-Pacific region grew slightly (0.3%).

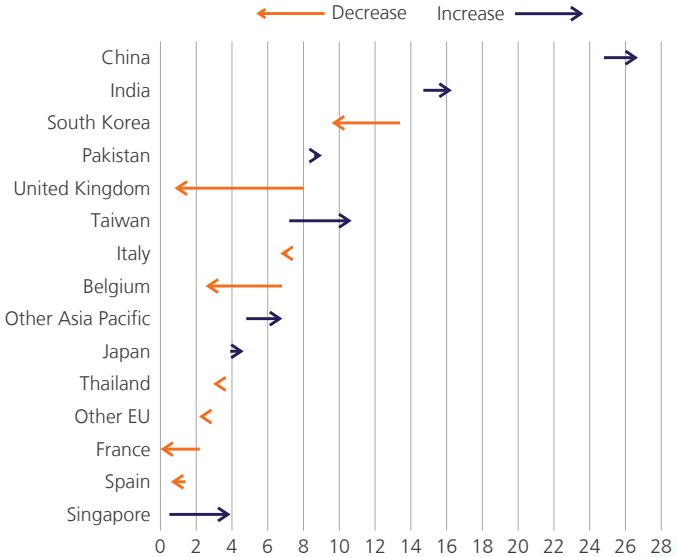
Production growth was led by North America (up 4% to 1,315bcm), the Middle East (2.8%) and the Asia-Pacific region (1.6%). Production declined in the CIS (1.7%), Europe (2.1%) and Africa (0.4%). The Asia-Pacific region remained the second largest consuming region after North America at 976bcm, with growth slowing to 0.3%. Higher demand in China (2.3%) and Taiwan (9.5%) was largely offset by declines in India (5.9%) and Pakistan (7.8%).

Global natural gas trade increased by 1.7% to 899bcm in 2025, driven by LNG trade (up 6.5% to 495bcm). Qatar reported exports of 111bcm, a rise of 3.8%. Meanwhile US LNG exports increased by 27% to 147bcm.

Europe remained the world's largest gas importer, with imports up 11% to 267bcm. LNG imports rose 34.1% to 169bcm; pipeline imports fell 14.8% to 96bcm.

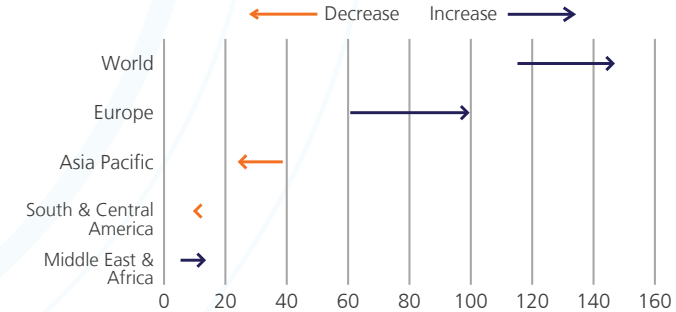
While Europe sheds, Asia builds: contrasting trends for Qatar's LNG destinations

Change in LNG exports from Qatar from 2023 to 2025, by destination (billion cubic metres)



Europe has become more reliant on US LNG, while Asia seeks supplies elsewhere

Change in LNG exports from US between 2023 and 2025, by destination (billion cubic metres)



Natural gas Production in billion cubic metres*

Billion cubic metres	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	160.8	169.1	174.8	180.1	173.4	169.7	176.5	189.5	195.0	199.5	**206.2**	3.7%	2.5%	4.9%
Mexico	47.9	45.9	41.9	39.8	38.6	36.1	34.3	36.1	38.7	35.8	**34.8**	-2.7%	-3.2%	0.8%
US	740.3	727.4	747.1	840.9	928.1	924.8	944.5	990.7	1028.9	1031.9	**1073.7**	4.3%	3.8%	25.6%
Total North America	**949.0**	**942.4**	**963.8**	**1060.8**	**1140.1**	**1130.6**	**1155.3**	**1216.2**	**1262.6**	**1267.2**	**1314.8**	**4.0%**	**3.3%**	**31.3%**
Argentina	35.5	37.3	37.1	39.4	41.6	38.3	38.6	41.7	41.6	44.1	**45.2**	2.6%	2.4%	1.1%
Bolivia	20.1	18.9	18.6	17.3	15.1	14.7	15.1	13.6	11.8	10.1	**8.6**	-14.8%	-8.1%	0.2%
Brazil	23.8	24.1	27.2	25.2	25.7	24.2	24.3	23.0	23.4	22.8	**26.6**	16.6%	1.1%	0.6%
Colombia	11.6	12.0	11.8	12.4	12.6	12.5	12.6	12.4	12.1	11.1	**9.4**	-14.9%	-2.1%	0.2%
Peru	12.7	14.0	13.0	12.8	13.5	13.2	12.4	15.0	15.4	16.0	**15.5**	-2.8%	2.0%	0.4%
Trinidad & Tobago	36.0	31.3	31.9	34.0	34.6	29.5	24.7	26.0	25.0	24.4	**23.8**	-2.2%	-4.0%	0.6%
Venezuela	36.1	37.2	38.6	31.6	25.6	21.6	28.1	29.1	29.7	31.7	**31.0**	-1.9%	-1.5%	0.7%
Other S. & Cent. America	2.9	3.1	3.1	3.1	3.3	2.7	2.6	2.8	2.9	3.1	**3.0**	-2.7%	0.4%	0.1%
Total S. & Cent. America	**178.6**	**178.0**	**181.3**	**175.8**	**172.0**	**156.6**	**158.5**	**163.5**	**161.9**	**163.4**	**163.1**	**0.1%**	**-0.9%**	**3.9%**
Denmark	4.8	4.7	5.1	4.3	3.2	1.4	1.5	1.5	1.4	1.7	**3.1**	83.6%	-4.4%	0.1%
Germany	7.5	6.9	6.4	5.5	5.3	4.5	4.5	4.3	3.8	3.7	**3.7**	2.4%	-6.8%	0.1%
Italy	6.4	5.5	5.3	5.2	4.6	3.9	3.2	3.2	2.8	2.8	**3.3**	16.9%	-6.6%	0.1%
Netherlands	45.9	44.3	37.9	32.5	27.7	20.1	18.0	15.0	9.9	8.3	**7.8**	-6.5%	-16.3%	0.2%
Norway	114.8	114.7	122.4	120.0	113.1	110.1	113.1	122.8	116.0	124.3	**120.6**	-2.7%	0.5%	2.9%
Poland	4.3	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.7	3.6	**3.4**	-4.1%	-2.2%	0.1%
Romania	10.2	9.1	10.0	10.0	9.6	8.6	8.6	8.8	8.9	9.0	**8.9**	-0.4%	-1.4%	0.2%
Ukraine	18.8	19.0	19.4	19.7	19.4	19.1	18.7	17.5	17.7	18.1	**16.1**	-11.0%	-1.6%	0.4%
United Kingdom	40.7	41.7	41.9	40.6	39.3	39.6	32.8	38.1	34.5	30.7	**29.9**	-2.3%	-3.0%	0.7%
Other Europe	6.1	8.7	9.0	8.4	7.4	6.3	5.4	5.1	5.2	6.6	**7.1**	7.5%	1.5%	0.2%
Total Europe	**259.6**	**258.7**	**261.3**	**250.1**	**233.7**	**217.5**	**209.7**	**220.1**	**203.8**	**208.7**	**203.8**	**-2.1%**	**-2.4%**	**4.9%**
Azerbaijan	18.8	18.3	17.8	18.8	23.9	25.9	31.8	34.1	35.6	37.8	**37.8**	0.5%	7.3%	0.9%
Kazakhstan	27.1	30.9	36.4	39.2	33.5	30.6	26.7	27.6	29.5	33.4	**38.4**	15.3%	3.5%	0.9%
Russian Federation	584.4	589.3	635.6	669.1	679.0	638.4	702.1	618.4	586.4	629.9	**609.4**	-3.0%	0.4%	14.5%
Turkmenistan	65.9	63.2	58.7	61.5	63.2	66.0	79.3	78.3	76.3	73.5	**72.4**	-1.1%	1.0%	1.7%
Uzbekistan	51.7	53.1	53.6	58.3	57.5	47.1	50.9	48.9	44.2	39.3	**40.0**	2.1%	-2.5%	1.0%
Other CIS	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	**0.3**	0.3%	-1.3%	†
Total CIS	**748.2**	**755.1**	**802.3**	**847.2**	**857.4**	**808.4**	**891.2**	**807.6**	**772.3**	**814.1**	**798.4**	**-1.7%**	**0.7%**	**19.0%**
Bahrain	14.6	14.4	14.5	14.6	16.3	16.4	16.6	15.8	15.8	16.6	**16.0**	-3.1%	0.9%	0.4%
Iran	183.5	199.3	213.9	220.1	228.3	235.8	242.8	247.7	259.7	262.2	**264.8**	1.3%	3.7%	6.3%
Iraq	7.3	9.9	10.1	10.6	11.0	7.0	9.1	9.3	10.4	10.5	**10.9**	4.3%	4.1%	0.3%
Israel	7.9	8.8	9.3	9.9	10.0	14.7	18.3	20.8	23.5	25.8	**25.9**	0.7%	12.7%	0.6%
Kuwait	16.1	16.4	16.2	16.9	13.3	12.2	12.1	13.2	14.8	15.5	**15.5**	0.4%	-0.3%	0.4%
Oman	30.7	31.5	32.3	36.3	36.7	36.9	40.3	42.1	43.2	45.3	**45.6**	0.9%	4.0%	1.1%
Qatar	175.9	174.8	170.5	175.2	177.2	174.9	177.0	178.5	181.0	179.7	**183.5**	2.4%	0.4%	4.4%
Saudi Arabia	99.2	105.3	109.3	112.1	111.2	113.1	114.5	116.7	117.4	123.6	**133.8**	8.5%	3.0%	3.2%
Syria	4.1	3.5	3.8	3.3	3.0	2.6	4.0	3.4	3.5	3.5	**3.3**	-5.6%	-2.0%	0.1%
United Arab Emirates	58.6	59.5	52.7	46.4	53.7	53.7	53.1	54.2	55.3	56.4	**58.6**	4.3%	†	1.4%
Other Middle East	3.0	0.6	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	**0.2**	15.0%	-22.7%	†
Total Middle East	**600.8**	**624.2**	**632.7**	**645.6**	**660.6**	**667.4**	**688.0**	**701.9**	**724.6**	**739.3**	**758.3**	**2.8%**	**2.4%**	**18.1%**
Algeria	81.4	91.4	93.0	93.8	87.0	81.4	101.1	97.6	101.5	100.2	**98.0**	-1.9%	1.9%	2.3%
Egypt	42.6	40.3	48.8	58.6	64.9	58.5	67.8	64.5	57.1	47.5	**40.8**	-14.0%	-0.4%	1.0%
Libya	14.4	17.8	19.7	22.1	25.5	19.9	12.4	11.9	11.7	12.4	**11.7**	-4.9%	-2.0%	0.3%
Nigeria	47.6	42.6	47.2	48.3	49.3	49.4	52.4	47.1	44.4	46.8	**50.8**	8.7%	0.7%	1.2%
Other Africa	21.7	22.8	27.0	27.6	28.2	29.8	29.8	32.2	35.2	35.2	**39.3**	11.9%	6.1%	0.9%
Total Africa	**207.7**	**214.9**	**235.6**	**250.4**	**254.8**	**239.0**	**263.5**	**253.4**	**249.8**	**242.1**	**240.6**	**-0.4%**	**1.5%**	**5.7%**
Australia	74.3	94.1	110.3	127.4	146.1	145.7	147.9	154.2	150.7	152.3	**148.6**	-2.2%	7.2%	3.5%
Bangladesh	25.9	26.5	26.6	26.6	25.3	23.7	23.6	22.5	21.1	19.7	**18.0**	-8.5%	-3.6%	0.4%
Brunei	13.3	12.9	12.9	12.6	13.0	12.6	11.5	10.6	10.0	10.4	**10.5**	1.6%	-2.3%	0.3%
China	135.7	137.9	149.2	161.4	176.7	194.0	209.2	221.8	234.3	248.4	**264.1**	6.6%	6.9%	6.3%
India	28.1	26.6	27.7	27.5	26.9	23.8	28.5	29.8	31.6	32.4	**31.2**	-3.5%	1.0%	0.7%
Indonesia	86.6	85.3	83.2	83.0	75.6	66.4	66.5	65.5	68.1	71.4	**71.8**	0.9%	-1.9%	1.7%
Malaysia	76.8	76.7	79.6	76.1	77.5	73.1	79.0	83.0	78.0	79.8	**80.2**	0.8%	0.4%	1.9%
Myanmar	19.2	18.3	17.8	17.0	18.5	17.5	17.2	16.8	15.2	14.0	**13.9**	-0.5%	-3.2%	0.3%
Pakistan	35.0	34.7	34.7	34.2	32.7	30.6	32.7	28.6	27.7	26.1	**24.9**	-4.1%	-3.3%	0.6%
Thailand	37.5	37.3	35.9	34.7	35.8	32.7	31.5	25.3	25.7	28.5	**29.4**	3.2%	-2.4%	0.7%
Vietnam	10.3	10.2	9.5	9.7	9.8	8.8	7.2	7.8	7.2	6.1	**5.8**	-5.3%	-5.6%	0.1%
Other Asia Pacific	27.9	29.0	29.2	26.9	28.7	29.0	27.2	23.9	21.5	19.3	**19.2**	-0.4%	-3.7%	0.5%
Total Asia Pacific	**570.7**	**589.4**	**616.5**	**637.0**	**666.5**	**658.0**	**682.2**	**690.0**	**691.1**	**708.4**	**717.6**	**1.6%**	**2.3%**	**17.1%**
Total World	**3514.6**	**3562.7**	**3693.6**	**3866.8**	**3985.2**	**3877.5**	**4048.3**	**4052.8**	**4066.1**	**4143.2**	**4196.5**	**1.6%**	**1.8%**	**100.0%**
of which: OECD	1279.8	1294.8	1334.8	1438.2	1521.4	1500.4	1523.1	1603.7	1632.7	1643.9	**1683.0**	2.7%	2.8%	40.1%
Non-OECD	2234.8	2267.8	2358.8	2428.6	2463.9	2377.1	2525.2	2449.1	2433.4	2499.3	**2513.5**	0.8%	1.2%	59.9%
European Union	84.3	82.4	76.8	69.0	61.0	47.9	44.3	40.8	34.5	33.1	**33.9**	2.8%	-8.7%	0.8%

Source: Includes data from Cedigaz. FGE NexantECA.
* Excludes gas flared or recycled. Includes natural gas produced for gas-to-liquids transformation.
† Less than 0.05%.
Notes: As far as possible, the data above represents standard cubic metres (measured at 15°C and 1013mbar); as they are derived directly from measures of energy content using an average conversion factor and have been standardised using a gross calorific value (GCV) of 40 MJ/m³, they do not necessarily equate with gas volumes expressed in specific national terms.
Annual changes and shares of total are calculated using billion cubic metres figures. Growth rates are adjusted for leap years.

Natural gas Production in exajoules*

Exajoules	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	5.79	6.09	6.29	6.48	6.24	6.11	6.35	6.82	7.02	7.18	**7.42**	3.7%	2.5%	4.9%
Mexico	1.73	1.65	1.51	1.43	1.39	1.30	1.24	1.30	1.39	1.29	**1.25**	-2.7%	-3.2%	0.8%
US	26.65	26.18	26.90	30.27	33.41	33.29	34.00	35.67	37.04	37.15	**38.65**	4.3%	3.8%	25.6%
Total North America	**34.16**	**33.93**	**34.70**	**38.19**	**41.05**	**40.70**	**41.59**	**43.78**	**45.45**	**45.62**	**47.33**	**4.0%**	**3.3%**	**31.3%**
Argentina	1.28	1.34	1.34	1.42	1.50	1.38	1.39	1.50	1.50	1.59	**1.63**	2.6%	2.4%	1.1%
Bolivia	0.72	0.68	0.67	0.62	0.54	0.53	0.55	0.49	0.43	0.36	**0.31**	-14.8%	-8.1%	0.2%
Brazil	0.86	0.87	0.98	0.91	0.93	0.87	0.88	0.83	0.84	0.82	**0.96**	16.6%	1.1%	0.6%
Colombia	0.42	0.43	0.42	0.45	0.45	0.45	0.45	0.45	0.43	0.40	**0.34**	-14.9%	-2.1%	0.2%
Peru	0.46	0.50	0.47	0.46	0.49	0.48	0.45	0.54	0.56	0.57	**0.56**	-2.8%	2.0%	0.4%
Trinidad & Tobago	1.29	1.13	1.15	1.22	1.24	1.06	0.89	0.94	0.90	0.88	**0.86**	-2.2%	-4.0%	0.6%
Venezuela	1.30	1.34	1.39	1.14	0.92	0.78	1.01	1.05	1.07	1.14	**1.12**	-1.9%	-1.5%	0.7%
Other S. & Cent. America	0.10	0.11	0.11	0.11	0.12	0.10	0.09	0.10	0.11	0.11	**0.11**	-2.7%	0.4%	0.1%
Total S. & Cent. America	**6.43**	**6.41**	**6.53**	**6.33**	**6.19**	**5.64**	**5.71**	**5.89**	**5.83**	**5.88**	**5.87**	**0.1%**	**-0.9%**	**3.9%**
Denmark	0.17	0.17	0.18	0.15	0.12	0.05	0.05	0.05	0.05	0.06	**0.11**	83.6%	-4.4%	0.1%
Germany	0.27	0.25	0.23	0.20	0.19	0.16	0.16	0.15	0.14	0.13	**0.13**	2.4%	-6.8%	0.1%
Italy	0.23	0.20	0.19	0.19	0.17	0.14	0.11	0.11	0.10	0.10	**0.12**	16.9%	-6.6%	0.1%
Netherlands	1.65	1.59	1.37	1.17	1.00	0.72	0.65	0.54	0.35	0.30	**0.28**	-6.5%	-16.3%	0.2%
Norway	4.13	4.13	4.41	4.32	4.07	3.96	4.07	4.42	4.18	4.47	**4.34**	-2.7%	0.5%	2.9%
Poland	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.13	0.13	**0.12**	-4.1%	-2.2%	0.1%
Romania	0.37	0.33	0.36	0.36	0.35	0.31	0.31	0.32	0.32	0.32	**0.32**	-0.4%	-1.4%	0.2%
Ukraine	0.68	0.68	0.70	0.71	0.70	0.69	0.67	0.63	0.64	0.65	**0.58**	-11.0%	-1.6%	0.4%
United Kingdom	1.46	1.50	1.51	1.46	1.41	1.42	1.18	1.37	1.24	1.11	**1.08**	-2.3%	-3.0%	0.7%
Other Europe	0.22	0.31	0.32	0.30	0.27	0.23	0.19	0.18	0.19	0.24	**0.25**	7.5%	1.5%	0.2%
Total Europe	**9.34**	**9.31**	**9.41**	**9.00**	**8.41**	**7.83**	**7.55**	**7.92**	**7.34**	**7.51**	**7.34**	**-2.1%**	**-2.4%**	**4.9%**
Azerbaijan	0.68	0.66	0.64	0.68	0.86	0.93	1.15	1.23	1.28	1.36	**1.36**	0.5%	7.3%	0.9%
Kazakhstan	0.98	1.11	1.31	1.41	1.21	1.10	0.96	0.99	1.06	1.20	**1.38**	15.3%	3.5%	0.9%
Russian Federation	21.04	21.21	22.88	24.09	24.44	22.98	25.28	22.26	21.11	22.68	**21.94**	-3.0%	0.4%	14.5%
Turkmenistan	2.37	2.28	2.11	2.21	2.27	2.38	2.85	2.82	2.75	2.64	**2.61**	-1.1%	1.0%	1.7%
Uzbekistan	1.86	1.91	1.93	2.10	2.07	1.70	1.83	1.76	1.59	1.41	**1.44**	2.1%	-2.5%	1.0%
Other CIS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.01**	0.3%	-1.3%	†
Total CIS	**26.94**	**27.19**	**28.88**	**30.50**	**30.87**	**29.10**	**32.08**	**29.07**	**27.80**	**29.31**	**28.74**	**-1.7%**	**0.7%**	**19.0%**
Bahrain	0.53	0.52	0.52	0.53	0.59	0.59	0.60	0.57	0.57	0.60	**0.58**	-3.1%	0.9%	0.4%
Iran	6.61	7.18	7.70	7.92	8.22	8.49	8.74	8.92	9.35	9.44	**9.53**	1.3%	3.7%	6.3%
Iraq	0.26	0.36	0.36	0.38	0.39	0.25	0.33	0.33	0.37	0.38	**0.39**	4.3%	4.1%	0.3%
Israel	0.28	0.32	0.34	0.36	0.36	0.53	0.66	0.75	0.84	0.93	**0.93**	0.7%	12.7%	0.6%
Kuwait	0.58	0.59	0.58	0.61	0.48	0.44	0.44	0.47	0.53	0.56	**0.56**	0.4%	-0.3%	0.4%
Oman	1.11	1.13	1.16	1.31	1.32	1.33	1.45	1.52	1.55	1.63	**1.64**	0.9%	4.0%	1.1%
Qatar	6.33	6.29	6.14	6.31	6.38	6.30	6.37	6.43	6.52	6.47	**6.61**	2.4%	0.4%	4.4%
Saudi Arabia	3.57	3.79	3.93	4.04	4.00	4.07	4.12	4.20	4.22	4.45	**4.82**	8.5%	3.0%	3.2%
Syria	0.15	0.13	0.14	0.12	0.11	0.09	0.14	0.12	0.13	0.13	**0.12**	-5.6%	-2.0%	0.1%
United Arab Emirates	2.11	2.14	1.90	1.67	1.93	1.93	1.91	1.95	1.99	2.03	**2.11**	4.3%	†	1.4%
Other Middle East	0.11	0.02	^	^	^	0.01	0.01	0.01	0.01	0.01	**0.01**	15.0%	-22.7%	†
Total Middle East	**21.63**	**22.47**	**22.78**	**23.24**	**23.78**	**24.03**	**24.77**	**25.27**	**26.09**	**26.62**	**27.30**	**2.8%**	**2.4%**	**18.1%**
Algeria	2.93	3.29	3.35	3.38	3.13	2.93	3.64	3.51	3.65	3.61	**3.53**	-1.9%	1.9%	2.3%
Egypt	1.53	1.45	1.76	2.11	2.34	2.10	2.44	2.32	2.06	1.71	**1.47**	-14.0%	-0.4%	1.0%
Libya	0.52	0.64	0.71	0.79	0.92	0.72	0.44	0.43	0.42	0.44	**0.42**	-4.9%	-2.0%	0.3%
Nigeria	1.71	1.53	1.70	1.74	1.77	1.78	1.89	1.70	1.60	1.69	**1.83**	8.7%	0.7%	1.2%
Other Africa	0.78	0.82	0.97	1.00	1.01	1.07	1.07	1.16	1.27	1.27	**1.41**	11.9%	6.1%	0.9%
Total Africa	**7.48**	**7.73**	**8.48**	**9.01**	**9.17**	**8.60**	**9.49**	**9.12**	**8.99**	**8.72**	**8.66**	**-0.4%**	**1.5%**	**5.7%**
Australia	2.67	3.39	3.97	4.59	5.26	5.25	5.33	5.55	5.43	5.48	**5.35**	-2.2%	7.2%	3.5%
Bangladesh	0.93	0.95	0.96	0.96	0.91	0.85	0.85	0.81	0.76	0.71	**0.65**	-8.5%	-3.6%	0.4%
Brunei	0.48	0.47	0.46	0.45	0.47	0.46	0.42	0.38	0.36	0.37	**0.38**	1.6%	-2.3%	0.3%
China	4.88	4.97	5.37	5.81	6.36	6.98	7.53	7.99	8.43	8.94	**9.51**	6.6%	6.9%	6.3%
India	1.01	0.96	1.00	0.99	0.97	0.86	1.03	1.07	1.14	1.17	**1.12**	-3.5%	1.0%	0.7%
Indonesia	3.12	3.07	2.99	2.99	2.72	2.39	2.40	2.36	2.45	2.57	**2.59**	0.9%	-1.9%	1.7%
Malaysia	2.77	2.76	2.86	2.74	2.79	2.63	2.84	2.99	2.81	2.87	**2.89**	0.8%	0.4%	1.9%
Myanmar	0.69	0.66	0.64	0.61	0.67	0.63	0.62	0.61	0.55	0.50	**0.50**	-0.5%	-3.2%	0.3%
Pakistan	1.26	1.25	1.25	1.23	1.18	1.10	1.18	1.03	1.00	0.94	**0.90**	-4.1%	-3.3%	0.6%
Thailand	1.35	1.34	1.29	1.25	1.29	1.18	1.13	0.91	0.92	1.03	**1.06**	3.2%	-2.4%	0.7%
Vietnam	0.37	0.37	0.34	0.35	0.35	0.32	0.26	0.28	0.26	0.22	**0.21**	-5.3%	-5.6%	0.1%
Other Asia Pacific	1.01	1.04	1.05	0.97	1.03	1.04	0.98	0.86	0.78	0.70	**0.69**	-0.4%	-3.7%	0.5%
Total Asia Pacific	**20.55**	**21.22**	**22.19**	**22.93**	**23.99**	**23.69**	**24.56**	**24.84**	**24.88**	**25.50**	**25.83**	**1.6%**	**2.3%**	**17.1%**
Total World	**126.53**	**128.26**	**132.97**	**139.20**	**143.47**	**139.59**	**145.74**	**145.90**	**146.38**	**149.16**	**151.07**	**1.6%**	**1.8%**	**100.0%**
of which: OECD	46.07	46.61	48.05	51.78	54.77	54.01	54.83	57.73	58.78	59.18	**60.59**	2.7%	2.8%	40.1%
Non-OECD	80.45	81.64	84.92	87.43	88.70	85.58	90.91	88.17	87.60	89.97	**90.49**	0.8%	1.2%	59.9%
European Union	3.03	2.96	2.76	2.48	2.19	1.72	1.60	1.47	1.24	1.19	**1.22**	2.8%	-8.7%	0.8%

Source: Includes data from Cedigaz. FGE NexantECA.
* Excludes gas flared or recycled. Includes natural gas produced for gas-to-liquids transformation.
^ Less than 0.005.
† Less than 0.05%.
Notes: Annual changes and shares of total are calculated using exajoules figures.
Growth rates are adjusted for leap years.

Natural gas Consumption in billion cubic metres*

Billion cubic metres	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	110.3	106.9	111.2	119.0	119.8	116.1	119.9	124.5	124.7	128.4	**132.3**	3.3%	1.8%	3.2%
Mexico	80.8	85.3	89.7	92.2	95.3	95.1	93.9	93.3	100.7	100.4	**99.7**	-0.4%	2.1%	2.4%
US	743.6	749.1	739.8	822.0	851.0	835.3	836.4	880.4	888.2	901.5	**913.4**	1.6%	2.1%	21.8%
Total North America	**934.7**	**941.3**	**940.8**	**1033.1**	**1066.1**	**1046.5**	**1050.3**	**1098.3**	**1113.6**	**1130.3**	**1145.4**	**1.6%**	**2.1%**	**27.4%**
Argentina	46.7	48.2	48.3	48.7	46.6	43.9	45.9	45.9	44.9	44.5	**43.6**	-1.7%	-0.7%	1.0%
Brazil	42.9	37.1	37.6	35.9	35.7	31.4	40.4	32.0	29.9	31.4	**33.2**	6.1%	-2.5%	0.8%
Chile	4.8	5.9	5.6	5.6	6.5	6.2	6.8	7.3	7.6	7.3	**7.8**	7.6%	5.0%	0.2%
Colombia	11.2	12.1	11.8	12.7	12.9	13.1	12.6	12.6	13.1	13.2	**11.7**	-11.1%	0.5%	0.3%
Ecuador	0.8	0.9	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.6	**0.5**	-20.4%	-5.5%	†
Peru	7.6	8.5	7.5	8.0	8.2	8.2	8.9	9.8	10.1	11.3	**10.2**	-9.2%	3.0%	0.2%
Trinidad & Tobago	19.6	16.9	18.3	17.4	17.5	15.2	15.6	15.5	14.5	14.2	**13.1**	-7.9%	-4.0%	0.3%
Venezuela	37.0	37.2	38.6	31.6	25.6	21.6	28.1	29.1	29.7	31.7	**31.0**	-1.9%	-1.7%	0.7%
Central America	–	–	–	0.2	0.5	0.4	0.3	0.6	1.2	1.2	**1.2**	4.2%	–	†
Other Caribbean	3.7	3.8	3.5	4.0	4.5	4.6	5.5	5.3	6.0	6.5	**6.6**	1.4%	6.0%	0.2%
Other South America	3.4	3.6	3.9	4.0	3.9	3.4	3.7	3.9	4.3	4.2	**4.3**	3.3%	2.2%	0.1%
Total S. & Cent. America	**177.8**	**174.3**	**176.1**	**169.0**	**162.5**	**148.6**	**168.5**	**162.3**	**161.6**	**166.2**	**163.3**	**-1.4%**	**-0.8%**	**3.9%**
Austria	8.0	8.3	9.1	8.7	8.9	8.5	9.0	7.9	6.9	6.8	**7.4**	8.6%	-0.8%	0.2%
Belgium	15.8	16.2	16.4	16.9	17.4	17.0	17.0	14.6	13.8	13.3	**13.5**	1.9%	-1.6%	0.3%
Bulgaria	3.0	3.1	3.2	3.0	2.8	2.9	3.3	2.7	2.5	2.7	**2.7**	-0.6%	-1.1%	0.1%
Croatia	2.4	2.5	2.9	2.7	2.8	2.9	2.8	2.5	2.5	2.4	**2.6**	11.6%	0.8%	0.1%
Czech Republic	7.5	8.2	8.4	8.0	8.3	8.5	9.1	7.4	6.7	6.7	**7.1**	7.1%	-0.5%	0.2%
Denmark	3.3	3.4	3.2	3.1	2.9	2.3	2.4	1.7	1.6	1.6	**1.6**	-1.3%	-7.1%	†
Estonia	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.3	0.3	**0.3**	-9.5%	-3.8%	†
Finland	2.3	2.0	1.8	2.1	2.0	2.1	2.1	1.1	1.1	1.3	**1.1**	-11.9%	-6.9%	†
France	40.8	44.5	44.8	42.8	43.6	40.5	43.0	38.6	34.0	31.8	**30.6**	-3.6%	-2.8%	0.7%
Germany	77.0	84.9	87.7	85.9	89.3	87.1	91.7	75.6	72.8	75.8	**78.5**	3.9%	0.2%	1.9%
Greece	3.4	4.4	5.4	5.2	5.8	6.3	7.0	6.2	5.4	6.7	**7.1**	7.0%	7.6%	0.2%
Hungary	8.7	9.3	9.9	9.6	9.8	10.2	10.8	9.2	8.2	8.3	**8.6**	4.5%	-0.1%	0.2%
Ireland	4.4	4.9	5.0	5.2	5.3	5.3	5.1	5.2	4.8	5.0	**4.9**	-1.8%	1.1%	0.1%
Italy	64.3	67.5	71.6	69.2	70.8	67.6	72.4	65.2	58.6	58.9	**60.1**	2.3%	-0.7%	1.4%
Latvia	1.3	1.3	1.2	1.4	1.3	1.1	1.2	0.8	0.8	0.8	**0.8**	-1.1%	-4.5%	†
Lithuania	2.4	2.1	2.2	2.2	2.2	2.4	2.2	1.6	1.6	1.7	**1.7**	-1.7%	-3.6%	†
Luxembourg	0.9	0.8	0.8	0.8	0.8	0.7	0.8	0.6	0.6	0.6	**0.6**	1.1%	-3.8%	†
Netherlands	33.8	35.2	36.3	35.6	37.2	36.1	34.9	27.2	25.9	26.0	**26.1**	0.7%	-2.6%	0.6%
North Macedonia	0.1	0.2	0.3	0.2	0.3	0.3	0.4	0.3	0.4	0.3	**0.3**	-12.5%	8.7%	†
Norway	4.5	4.3	4.5	4.4	4.5	4.4	4.1	3.9	3.7	3.4	**3.4**	0.7%	-2.8%	0.1%
Poland	17.1	18.3	19.2	19.9	20.9	21.1	22.4	18.6	19.4	20.8	**22.1**	6.7%	2.6%	0.5%
Portugal	4.8	5.1	6.3	5.8	6.1	6.0	5.8	5.6	4.5	3.7	**4.1**	11.3%	-1.6%	0.1%
Romania	10.4	10.5	11.3	11.6	10.8	11.3	11.6	9.7	9.1	9.4	**9.6**	1.5%	-0.8%	0.2%
Slovakia	4.5	4.5	4.8	4.7	4.8	4.8	5.3	4.4	4.2	4.3	**4.5**	3.7%	†	0.1%
Slovenia	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	**0.9**	9.4%	1.6%	†
Spain	28.5	29.1	31.7	31.5	36.0	32.5	34.3	33.0	29.5	28.3	**31.3**	10.9%	0.9%	0.7%
Sweden	0.9	1.0	1.0	1.0	1.0	1.0	1.1	0.8	0.9	0.9	**0.8**	-9.5%	-0.9%	†
Switzerland	3.3	3.5	3.5	3.3	3.4	3.4	2.8	3.7	3.4	3.1	**3.1**	-1.0%	-0.8%	0.1%
Türkiye	46.0	44.5	51.6	47.2	43.4	46.2	57.3	50.9	48.1	51.0	**56.4**	11.1%	2.1%	1.3%
Ukraine	32.0	31.4	30.2	30.6	28.3	29.3	27.3	18.3	18.7	18.8	**22.5**	20.1%	-3.4%	0.5%
United Kingdom	72.0	79.9	78.2	78.8	77.9	73.5	77.0	70.5	63.4	61.7	**61.2**	-0.6%	-1.6%	1.5%
Other Europe	4.5	4.6	5.3	5.3	5.5	5.5	6.3	6.7	6.8	6.8	**6.5**	-3.6%	3.8%	0.2%
Total Europe	**509.2**	**537.1**	**559.2**	**548.2**	**555.3**	**542.1**	**571.6**	**495.5**	**460.8**	**464.0**	**482.1**	**4.2%**	**-0.5%**	**11.5%**
Azerbaijan	11.1	10.9	10.6	10.8	11.8	12.4	12.8	13.6	14.0	12.8	**12.3**	-3.4%	1.0%	0.3%
Belarus	17.9	17.8	18.2	19.3	19.2	17.8	18.8	18.5	16.8	16.8	**15.9**	-4.8%	-1.2%	0.4%
Kazakhstan	13.8	15.0	16.7	16.7	19.7	17.7	21.6	21.3	20.0	23.4	**23.9**	2.2%	5.6%	0.6%
Russian Federation	408.7	420.6	431.1	454.5	444.3	423.5	431.5	448.4	459.8	479.6	**480.0**	0.4%	1.6%	11.5%
Turkmenistan	25.4	25.1	24.8	28.4	27.7	34.3	35.8	38.2	35.5	30.7	**34.7**	13.3%	3.2%	0.8%
Uzbekistan	39.3	41.3	43.6	45.8	47.0	43.6	49.1	46.0	45.0	44.5	**44.5**	0.2%	1.2%	1.1%
Other CIS	5.2	5.1	5.1	5.9	5.6	5.8	5.9	5.9	5.5	5.5	**4.0**	-27.0%	-2.5%	0.1%
Total CIS	**521.4**	**536.0**	**550.1**	**581.3**	**575.3**	**554.9**	**575.5**	**591.8**	**596.6**	**613.3**	**615.3**	**0.6%**	**1.7%**	**14.7%**
Iran	184.0	196.3	205.0	212.6	218.4	236.8	229.5	239.4	246.6	253.7	**256.3**	1.3%	3.4%	6.1%
Iraq	7.3	9.9	11.4	14.6	19.5	18.5	16.4	18.4	19.2	18.4	**18.4**	0.6%	9.7%	0.4%
Israel	8.0	9.2	9.8	10.5	10.5	11.3	11.7	12.1	12.4	13.3	**13.6**	2.3%	5.4%	0.3%
Kuwait	20.3	21.1	21.0	21.2	18.4	17.9	19.8	21.7	23.7	25.2	**25.8**	2.6%	2.4%	0.6%
Oman	23.1	22.9	23.4	25.0	25.0	26.0	28.5	29.2	30.2	31.9	**32.9**	3.3%	3.6%	0.8%
Qatar	43.5	41.7	41.1	41.7	41.3	38.8	40.6	40.4	43.7	45.4	**43.8**	-3.1%	0.1%	1.0%
Saudi Arabia	99.2	105.3	109.3	112.1	111.2	113.1	114.5	116.7	117.4	123.6	**133.8**	8.5%	3.0%	3.2%
United Arab Emirates	71.3	71.5	65.7	58.1	67.2	67.5	65.0	66.1	66.7	67.1	**70.6**	5.5%	-0.1%	1.7%
Other Middle East	22.5	23.1	23.2	21.7	22.7	22.7	24.2	23.0	22.9	24.9	**24.3**	-2.1%	0.8%	0.6%
Total Middle East	**479.3**	**501.1**	**509.8**	**517.5**	**534.2**	**552.5**	**550.2**	**567.0**	**583.0**	**603.5**	**619.4**	**2.9%**	**2.6%**	**14.8%**
Algeria	37.9	38.6	39.5	43.4	45.1	43.4	48.2	50.3	51.1	52.8	**54.0**	2.7%	3.6%	1.3%
Egypt	46.0	49.4	55.9	59.6	59.0	58.3	62.1	60.6	60.0	59.8	**61.5**	3.1%	2.9%	1.5%
Morocco	1.2	1.2	1.2	1.1	1.0	0.8	0.8	0.2	0.9	0.9	**1.0**	5.6%	-2.1%	†
South Africa	4.3	3.7	4.0	4.4	4.3	4.0	4.2	4.3	4.7	4.8	**4.7**	-1.6%	0.8%	0.1%
Eastern Africa	1.6	2.0	2.0	2.1	2.3	2.1	2.2	3.8	4.0	3.1	**2.9**	-5.3%	5.9%	0.1%
Middle Africa	4.2	5.5	5.5	5.4	5.0	5.5	6.1	6.3	5.4	5.8	**5.1**	-12.1%	1.8%	0.1%
Western Africa	23.9	21.1	22.1	23.6	24.3	26.0	34.5	33.0	32.7	35.4	**38.6**	9.1%	4.9%	0.9%
Other Northern Africa	11.1	11.0	10.6	10.6	12.5	13.8	15.9	15.7	14.3	15.8	**16.6**	5.3%	4.1%	0.4%
Other Southern Africa	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Total Africa	**130.3**	**132.5**	**140.8**	**150.2**	**153.5**	**153.7**	**173.9**	**174.2**	**173.2**	**178.3**	**184.2**	**3.6%**	**3.5%**	**4.4%**
Australia	39.0	38.0	37.3	37.2	44.1	42.3	39.6	43.2	38.8	39.2	**38.7**	-0.8%	-0.1%	0.9%
Bangladesh	25.9	26.5	26.6	27.4	30.9	29.9	30.6	28.7	28.1	27.3	**27.4**	0.5%	0.6%	0.7%
China	194.7	209.4	241.3	283.9	308.4	336.6	380.3	377.6	403.8	433.3	**441.9**	2.3%	8.5%	10.6%
China Hong Kong SAR	3.0	3.1	3.1	3.0	3.1	4.9	4.8	4.5	4.8	5.4	**5.3**	-2.9%	5.6%	0.1%
India	47.8	50.8	53.6	58.0	59.2	60.4	62.4	58.3	62.0	70.9	**66.6**	-5.9%	3.4%	1.6%
Indonesia	46.9	44.0	50.0	43.1	40.7	37.7	40.8	39.8	43.4	47.3	**48.3**	2.5%	0.3%	1.2%
Japan	118.7	116.4	117.0	115.7	108.1	104.1	102.7	99.5	91.6	90.9	**90.4**	-0.3%	-2.7%	2.2%
Malaysia	46.8	45.0	45.0	44.7	45.2	43.6	51.4	51.9	43.8	46.6	**46.2**	-0.6%	-0.1%	1.1%
New Zealand	4.8	4.8	5.0	4.5	4.8	4.6	3.9	3.7	3.9	3.1	**2.7**	-9.9%	-5.4%	0.1%
Pakistan	36.5	38.7	40.7	43.6	44.5	41.2	44.9	38.2	37.8	37.0	**34.1**	-7.8%	-0.7%	0.8%
Philippines	3.3	3.8	3.8	4.1	4.2	3.8	3.3	3.1	3.2	3.5	**4.0**	13.3%	1.9%	0.1%
Singapore	11.6	11.9	12.3	12.3	12.5	12.6	13.4	13.1	12.3	13.2	**13.3**	1.4%	1.4%	0.3%
South Korea	45.6	47.6	49.7	57.7	55.9	56.6	61.9	62.0	59.4	63.4	**63.0**	-0.4%	3.3%	1.5%
Taiwan	20.2	21.0	23.2	23.7	23.3	24.9	27.3	28.1	27.9	28.7	**31.3**	9.5%	4.5%	0.7%
Thailand	51.0	50.6	50.1	50.0	50.9	46.9	47.0	44.3	47.2	49.3	**47.3**	-3.8%	-0.7%	1.1%
Vietnam	10.3	10.2	9.5	9.7	9.8	8.8	7.2	7.8	7.2	6.1	**5.8**	-5.3%	-5.6%	0.1%
Other Asia Pacific	11.6	11.1	11.3	10.9	11.4	12.2	11.9	11.0	11.0	10.5	**10.0**	-5.0%	-1.5%	0.2%
Total Asia Pacific	**717.7**	**732.9**	**779.4**	**829.4**	**857.3**	**871.1**	**933.3**	**914.8**	**926.4**	**975.7**	**976.1**	**0.3%**	**3.1%**	**23.3%**
Total World	**3470.5**	**3555.2**	**3656.1**	**3828.8**	**3904.1**	**3869.3**	**4023.3**	**4004.0**	**4015.2**	**4131.2**	**4186.0**	**1.6%**	**1.9%**	**100.0%**
of which: OECD	1623.7	1660.0	1682.9	1771.8	1813.7	1774.6	1809.6	1794.0	1761.2	1784.2	**1811.3**	1.8%	1.1%	43.3%
Non-OECD	1846.8	1895.2	1973.2	2056.9	2090.4	2094.7	2213.7	2209.9	2254.0	2347.0	**2374.8**	1.5%	2.5%	56.7%
European Union	346.8	368.6	385.9	378.7	392.5	380.0	397.0	341.7	316.9	319.5	**329.2**	3.3%	-0.5%	7.9%

Source: Includes data from Cedigaz, FGE NexantECA.

* Excludes natural gas converted to liquid fuels but includes derivatives of coal as well as natural gas consumed in gas-to-liquids transformation.

† Less than 0.05%.

Notes: As far as possible, the data above represent standard cubic metres (measured at 15°C and 1013mbar); as they are derived directly from measures of energy content using an average conversion factor and have been standardised using a gross calorific value (GCV) of 40 MJ/m³, they do not necessarily equate with gas volumes expressed in specific national terms. The difference between these world consumption figures and the world production statistics is due to variations in stocks at storage facilities and liquefaction plants, together with unavoidable disparities in the definition, measurement or conversion of gas supply and demand data.

Annual changes and shares of total are calculated using billion cubic metres figures.

Growth rates are adjusted for leap years.

Natural gas Consumption in exajoules*

Exajoules	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	3.97	3.85	4.00	4.28	4.31	4.18	4.32	4.48	4.49	4.62	**4.76**	3.3%	1.8%	3.2%
Mexico	2.91	3.07	3.23	3.32	3.43	3.42	3.38	3.36	3.62	3.61	**3.59**	-0.4%	2.1%	2.4%
US	26.77	26.97	26.63	29.59	30.64	30.07	30.11	31.69	31.98	32.46	**32.88**	1.6%	2.1%	21.8%
Total North America	**33.65**	**33.89**	**33.87**	**37.19**	**38.38**	**37.67**	**37.81**	**39.54**	**40.09**	**40.69**	**41.24**	**1.6%**	**2.1%**	**27.4%**
Argentina	1.68	1.74	1.74	1.75	1.68	1.58	1.65	1.65	1.62	1.60	**1.57**	-1.7%	-0.7%	1.0%
Brazil	1.55	1.34	1.35	1.29	1.29	1.13	1.46	1.15	1.08	1.13	**1.20**	6.1%	-2.5%	0.8%
Chile	0.17	0.21	0.20	0.20	0.23	0.22	0.25	0.26	0.27	0.26	**0.28**	7.6%	5.0%	0.2%
Colombia	0.40	0.43	0.43	0.46	0.46	0.47	0.45	0.45	0.47	0.48	**0.42**	-11.1%	0.5%	0.3%
Ecuador	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	**0.02**	-20.4%	-5.5%	†
Peru	0.28	0.31	0.27	0.29	0.30	0.29	0.32	0.35	0.36	0.41	**0.37**	-9.2%	3.0%	0.2%
Trinidad & Tobago	0.71	0.61	0.66	0.63	0.63	0.55	0.56	0.56	0.52	0.51	**0.47**	-7.9%	-4.0%	0.3%
Venezuela	1.33	1.34	1.39	1.14	0.92	0.78	1.01	1.05	1.07	1.14	**1.12**	-1.9%	-1.7%	0.7%
Central America	–	–	-	0.01	0.02	0.01	0.01	0.02	0.04	0.04	**0.04**	4.2%	–	†
Other Caribbean	0.13	0.14	0.12	0.14	0.16	0.17	0.20	0.19	0.22	0.24	**0.24**	1.4%	6.0%	0.2%
Other South America	0.12	0.13	0.14	0.14	0.14	0.12	0.13	0.14	0.15	0.15	**0.15**	3.3%	2.2%	0.1%
Total S. & Cent. America	**6.40**	**6.27**	**6.34**	**6.08**	**5.85**	**5.35**	**6.07**	**5.84**	**5.82**	**5.98**	**5.88**	**-1.4%**	**-0.8%**	**3.9%**
Austria	0.29	0.30	0.33	0.31	0.32	0.31	0.32	0.28	0.25	0.25	**0.27**	8.6%	-0.8%	0.2%
Belgium	0.57	0.58	0.59	0.61	0.63	0.61	0.61	0.52	0.50	0.48	**0.49**	1.9%	-1.6%	0.3%
Bulgaria	0.11	0.11	0.12	0.11	0.10	0.11	0.12	0.10	0.09	0.10	**0.10**	-0.6%	-1.1%	0.1%
Croatia	0.09	0.09	0.10	0.10	0.10	0.11	0.10	0.09	0.09	0.09	**0.09**	11.6%	0.8%	0.1%
Czech Republic	0.27	0.29	0.30	0.29	0.30	0.30	0.33	0.27	0.24	0.24	**0.26**	7.1%	-0.5%	0.2%
Denmark	0.12	0.12	0.12	0.11	0.10	0.08	0.09	0.06	0.06	0.06	**0.06**	-1.3%	-7.1%	†
Estonia	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	**0.01**	-9.5%	-3.8%	†
Finland	0.08	0.07	0.07	0.08	0.07	0.07	0.07	0.04	0.04	0.05	**0.04**	-11.9%	-6.9%	†
France	1.47	1.60	1.61	1.54	1.57	1.46	1.55	1.39	1.22	1.15	**1.10**	-3.6%	-2.8%	0.7%
Germany	2.77	3.06	3.16	3.09	3.21	3.14	3.30	2.72	2.62	2.73	**2.83**	3.9%	0.2%	1.9%
Greece	0.12	0.16	0.19	0.19	0.21	0.23	0.25	0.22	0.19	0.24	**0.26**	7.0%	7.6%	0.2%
Hungary	0.31	0.34	0.36	0.35	0.35	0.37	0.39	0.33	0.30	0.30	**0.31**	4.5%	-0.1%	0.2%
Ireland	0.16	0.18	0.18	0.19	0.19	0.19	0.18	0.19	0.17	0.18	**0.18**	-1.8%	1.1%	0.1%
Italy	2.32	2.43	2.58	2.49	2.55	2.43	2.61	2.35	2.11	2.12	**2.16**	2.3%	-0.7%	1.4%
Latvia	0.05	0.05	0.04	0.05	0.05	0.04	0.04	0.03	0.03	0.03	**0.03**	-1.1%	-4.5%	†
Lithuania	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.06	0.06	0.06	**0.06**	-1.7%	-3.6%	†
Luxembourg	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	**0.02**	1.1%	-3.8%	†
Netherlands	1.22	1.27	1.31	1.28	1.34	1.30	1.25	0.98	0.93	0.93	**0.94**	0.7%	-2.6%	0.6%
North Macedonia	^	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.01**	-12.5%	8.7%	†
Norway	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.14	0.13	0.12	**0.12**	0.7%	-2.8%	0.1%
Poland	0.62	0.66	0.69	0.72	0.75	0.76	0.81	0.67	0.70	0.75	**0.80**	6.7%	2.6%	0.5%
Portugal	0.17	0.18	0.23	0.21	0.22	0.22	0.21	0.20	0.16	0.13	**0.15**	11.3%	-1.6%	0.1%
Romania	0.37	0.38	0.41	0.42	0.39	0.41	0.42	0.35	0.33	0.34	**0.34**	1.5%	-0.8%	0.2%
Slovakia	0.16	0.16	0.17	0.17	0.17	0.17	0.19	0.16	0.15	0.16	**0.16**	3.7%	†	0.1%
Slovenia	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	**0.03**	9.4%	1.6%	†
Spain	1.03	1.05	1.14	1.13	1.30	1.17	1.24	1.19	1.06	1.02	**1.13**	10.9%	0.9%	0.7%
Sweden	0.03	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.03	**0.03**	-9.5%	-0.9%	†
Switzerland	0.12	0.13	0.13	0.12	0.12	0.12	0.10	0.13	0.12	0.11	**0.11**	-1.0%	-0.8%	0.1%
Türkiye	1.65	1.60	1.86	1.70	1.56	1.66	2.06	1.83	1.73	1.83	**2.03**	11.1%	2.1%	1.3%
Ukraine	1.15	1.13	1.09	1.10	1.02	1.06	0.98	0.66	0.67	0.68	**0.81**	20.1%	-3.4%	0.5%
United Kingdom	2.59	2.88	2.82	2.84	2.80	2.64	2.77	2.54	2.28	2.22	**2.20**	-0.6%	-1.6%	1.5%
Other Europe	0.16	0.17	0.19	0.19	0.20	0.20	0.23	0.24	0.24	0.24	**0.24**	-3.6%	3.8%	0.2%
Total Europe	**18.33**	**19.34**	**20.13**	**19.74**	**19.99**	**19.52**	**20.58**	**17.84**	**16.59**	**16.70**	**17.36**	**4.2%**	**-0.5%**	**11.5%**
Azerbaijan	0.40	0.39	0.38	0.39	0.42	0.45	0.46	0.49	0.50	0.46	**0.44**	-3.4%	1.0%	0.3%
Belarus	0.64	0.64	0.66	0.70	0.69	0.64	0.68	0.66	0.60	0.60	**0.57**	-4.8%	-1.2%	0.4%
Kazakhstan	0.50	0.54	0.60	0.60	0.71	0.64	0.78	0.77	0.72	0.84	**0.86**	2.2%	5.6%	0.6%
Russian Federation	14.71	15.14	15.52	16.36	16.00	15.25	15.54	16.14	16.55	17.26	**17.28**	0.4%	1.6%	11.5%
Turkmenistan	0.91	0.90	0.89	1.02	1.00	1.23	1.29	1.38	1.28	1.10	**1.25**	13.3%	3.2%	0.8%
Uzbekistan	1.41	1.49	1.57	1.65	1.69	1.57	1.77	1.65	1.62	1.60	**1.60**	0.2%	1.2%	1.1%
Other CIS	0.19	0.19	0.18	0.21	0.20	0.21	0.21	0.21	0.20	0.20	**0.14**	-27.0%	-2.5%	0.1%
Total CIS	**18.77**	**19.30**	**19.80**	**20.93**	**20.71**	**19.98**	**20.72**	**21.31**	**21.48**	**22.08**	**22.15**	**0.6%**	**1.7%**	**14.7%**
Iran	6.62	7.07	7.38	7.66	7.86	8.52	8.26	8.62	8.88	9.13	**9.23**	1.3%	3.4%	6.1%
Iraq	0.26	0.36	0.41	0.53	0.70	0.67	0.59	0.66	0.69	0.66	**0.66**	0.6%	9.7%	0.4%
Israel	0.29	0.33	0.35	0.38	0.38	0.41	0.42	0.44	0.45	0.48	**0.49**	2.3%	5.4%	0.3%
Kuwait	0.73	0.76	0.76	0.76	0.66	0.64	0.71	0.78	0.85	0.91	**0.93**	2.6%	2.4%	0.6%
Oman	0.83	0.83	0.84	0.90	0.90	0.94	1.02	1.05	1.09	1.15	**1.18**	3.3%	3.6%	0.8%
Qatar	1.57	1.50	1.48	1.50	1.49	1.40	1.46	1.45	1.57	1.63	**1.58**	-3.1%	0.1%	1.0%
Saudi Arabia	3.57	3.79	3.93	4.04	4.00	4.07	4.12	4.20	4.22	4.45	**4.82**	8.5%	3.0%	3.2%
United Arab Emirates	2.57	2.58	2.36	2.09	2.42	2.43	2.34	2.38	2.40	2.42	**2.54**	5.5%	-0.1%	1.7%
Other Middle East	0.81	0.83	0.83	0.78	0.82	0.82	0.87	0.83	0.83	0.90	**0.87**	-2.1%	0.8%	0.6%
Total Middle East	**17.25**	**18.04**	**18.35**	**18.63**	**19.23**	**19.89**	**19.81**	**20.41**	**20.99**	**21.72**	**22.30**	**2.9%**	**2.6%**	**14.8%**
Algeria	1.37	1.39	1.42	1.56	1.62	1.56	1.73	1.81	1.84	1.90	**1.95**	2.7%	3.6%	1.3%
Egypt	1.66	1.78	2.01	2.15	2.13	2.10	2.24	2.18	2.16	2.15	**2.21**	3.1%	2.9%	1.5%
Morocco	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.01	0.03	0.03	**0.03**	5.6%	-2.1%	†
South Africa	0.16	0.13	0.14	0.16	0.15	0.14	0.15	0.15	0.17	0.17	**0.17**	-1.6%	0.8%	0.1%
Eastern Africa	0.06	0.07	0.07	0.08	0.08	0.07	0.08	0.14	0.14	0.11	**0.10**	-5.3%	5.9%	0.1%
Middle Africa	0.15	0.20	0.20	0.19	0.18	0.20	0.22	0.23	0.20	0.21	**0.18**	-12.1%	1.8%	0.1%
Western Africa	0.86	0.76	0.79	0.85	0.87	0.93	1.24	1.19	1.18	1.28	**1.39**	9.1%	4.9%	0.9%
Other Northern Africa	0.40	0.40	0.38	0.38	0.45	0.50	0.57	0.57	0.51	0.57	**0.60**	5.3%	4.1%	0.4%
Other Southern Africa	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total Africa	**4.69**	**4.77**	**5.07**	**5.41**	**5.53**	**5.53**	**6.26**	**6.27**	**6.24**	**6.42**	**6.63**	**3.6%**	**3.5%**	**4.4%**
Australia	1.40	1.37	1.34	1.34	1.59	1.52	1.42	1.56	1.40	1.41	**1.39**	-0.8%	-0.1%	0.9%
Bangladesh	0.93	0.95	0.96	0.99	1.11	1.08	1.10	1.03	1.01	0.98	**0.99**	0.5%	0.6%	0.7%
China	7.01	7.54	8.69	10.22	11.10	12.12	13.69	13.60	14.54	15.60	**15.91**	2.3%	8.5%	10.6%
China Hong Kong SAR	0.11	0.11	0.11	0.11	0.11	0.18	0.17	0.16	0.17	0.20	**0.19**	-2.9%	5.6%	0.1%
India	1.72	1.83	1.93	2.09	2.13	2.17	2.25	2.10	2.23	2.55	**2.40**	-5.9%	3.4%	1.6%
Indonesia	1.69	1.58	1.80	1.55	1.47	1.36	1.47	1.43	1.56	1.70	**1.74**	2.5%	0.3%	1.2%
Japan	4.27	4.19	4.21	4.17	3.89	3.75	3.70	3.58	3.30	3.27	**3.25**	-0.3%	-2.7%	2.2%
Malaysia	1.69	1.62	1.62	1.61	1.63	1.57	1.85	1.87	1.58	1.68	**1.66**	-0.6%	-0.1%	1.1%
New Zealand	0.17	0.17	0.18	0.16	0.17	0.16	0.14	0.13	0.14	0.11	**0.10**	-9.9%	-5.4%	0.1%
Pakistan	1.32	1.39	1.47	1.57	1.60	1.48	1.62	1.37	1.36	1.33	**1.23**	-7.8%	-0.7%	0.8%
Philippines	0.12	0.14	0.14	0.15	0.15	0.14	0.12	0.11	0.12	0.13	**0.14**	13.3%	1.9%	0.1%
Singapore	0.42	0.43	0.44	0.44	0.45	0.45	0.48	0.47	0.44	0.47	**0.48**	1.4%	1.4%	0.3%
South Korea	1.64	1.71	1.79	2.08	2.01	2.04	2.23	2.23	2.14	2.28	**2.27**	-0.4%	3.3%	1.5%
Taiwan	0.73	0.75	0.84	0.85	0.84	0.90	0.98	1.01	1.01	1.03	**1.13**	9.5%	4.5%	0.7%
Thailand	1.83	1.82	1.80	1.80	1.83	1.69	1.69	1.60	1.70	1.77	**1.70**	-3.8%	-0.7%	1.1%
Vietnam	0.37	0.37	0.34	0.35	0.35	0.32	0.26	0.28	0.26	0.22	**0.21**	-5.3%	-5.6%	0.1%
Other Asia Pacific	0.42	0.40	0.41	0.39	0.41	0.44	0.43	0.40	0.40	0.38	**0.36**	-5.0%	-1.5%	0.2%
Total Asia Pacific	**25.84**	**26.38**	**28.06**	**29.86**	**30.86**	**31.36**	**33.60**	**32.93**	**33.35**	**35.12**	**35.14**	**0.3%**	**3.1%**	**23.3%**
Total World	**124.94**	**127.99**	**131.62**	**137.84**	**140.55**	**139.30**	**144.84**	**144.14**	**144.55**	**148.72**	**150.70**	**1.6%**	**1.9%**	**100.0%**
of which: OECD	58.45	59.76	60.58	63.79	65.29	63.88	65.14	64.58	63.40	64.23	**65.21**	1.8%	1.1%	43.3%
Non-OECD	66.48	68.23	71.04	74.05	75.25	75.41	79.69	79.56	81.14	84.49	**85.49**	1.5%	2.5%	56.7%
European Union	12.48	13.27	13.89	13.63	14.13	13.68	14.29	12.30	11.41	11.50	**11.85**	3.3%	-0.5%	7.9%

Source: Includes data from Cedigaz, FGE NexantECA.
* Excludes natural gas converted to liquid fuels but includes derivatives of coal as well as natural gas consumed in gas-to-liquids transformation.
† Less than 0.05%.
Notes: The difference between these world consumption figures and the world production statistics is due to variations in stocks at storage facilities and liquefaction plants, together with unavoidable disparities in the definition, measurement or conversion of gas supply and demand data.
Annual changes and share of total are calculated using exajoules figures. Growth rates are adjusted for leap years.

Natural gas Prices

	LNG US dollars per million Btu						Natural gas US dollars per million Btu				Ammonia $/mt			
	Japan[1]	South Korea[2]	Japan Korea Marker[2] (Platts JKM)	China[2] (Mainland)	West India marker[2] (Platts WIM)	North West European marker[2] (Platts NWE)	Zeebrugge[2]	UK NBP[3]	Netherlands TTF[3]	US Henry Hub[4]	US Gulf Coast[5]	Northwest Europe[5]	Middle East[6]	Far East Asia[5]
1984	5.10	–	–	–	–	–	–	–	–	–	–	–	–	–
1985	5.23	–	–	–	–	–	–	–	–	–	–	–	–	–
1986	4.10	–	–	–	–	–	–	–	–	–	–	116	88	–
1987	3.35	–	–	–	–	–	–	–	–	–	–	140	102	139
1988	3.07	3.16	–	–	–	–	–	–	–	–	–	130	160	131
1989	3.10	3.22	–	–	–	–	–	–	–	1.70	106	120	75	121
1990	3.49	3.82	–	–	–	–	–	–	–	1.64	118	135	88	153
1991	3.81	3.62	–	–	–	–	–	–	–	1.49	125	139	106	163
1992	3.45	3.49	–	–	–	–	–	–	–	1.77	110	113	86	120
1993	3.37	3.25	–	–	–	–	–	–	–	2.12	128	130	99	129
1994	3.05	2.98	–	–	–	–	–	–	–	1.92	190	185	159	197
1995	3.29	3.50	–	–	–	–	–	–	–	1.69	217	231	191	239
1996	3.47	3.76	–	–	–	–	–	1.87	–	2.76	207	222	175	214
1997	3.70	3.71	–	–	–	–	–	1.96	–	2.53	180	188	165	199
1998	2.92	2.82	–	–	–	–	–	1.86	–	2.08	137	147	125	158
1999	3.01	2.97	–	–	–	–	–	1.58	–	2.27	112	120	110	138
2000	4.48	4.71	–	–	–	–	–	2.71	–	4.23	171	181	158	200
2001	4.39	4.81	–	–	–	–	–	3.17	–	4.07	161	161	132	178
2002	4.09	4.17	–	–	–	–	–	2.37	–	3.33	135	138	112	142
2003	4.57	4.87	–	–	–	–	–	3.33	–	5.63	231	222	185	211
2004	4.94	5.61	–	–	–	–	–	4.46	-	5.85	282	274	258	284
2005	5.79	7.20	–	–	–	–	7.11	7.11	5.81	8.80	318	299	268	290
2006	6.87	8.52	–	3.23	–	–	7.63	7.49	7.26	6.74	322	330	268	317
2007	7.49	8.85	–	3.99	–	–	6.09	5.98	5.90	6.95	340	352	276	320
2008	12.21	12.98	–	5.44	–	–	10.78	10.66	10.67	8.84	600	610	506	553
2009	8.80	10.07	5.28	4.45	–	–	4.84	4.79	4.91	3.92	279	304	238	280
2010	10.54	9.60	7.72	6.20	7.00	7.23	6.61	6.52	6.69	4.38	412	412	348	416
2011	14.37	12.25	14.02	9.07	12.76	10.61	9.14	9.00	9.18	3.99	578	592	527	584
2012	16.17	14.29	15.12	10.77	12.93	10.75	9.39	9.42	9.37	2.75	609	620	552	644
2013	15.54	14.49	16.56	11.15	14.97	12.61	10.52	10.60	10.52	3.72	547	560	503	582
2014	15.74	15.82	13.86	11.76	13.18	10.84	8.13	8.22	8.11	4.34	548	592	505	565
2015	10.12	10.54	7.45	8.66	7.42	6.33	6.41	6.52	6.45	2.61	458	479	426	477
2016	6.77	6.82	5.72	6.54	5.68	4.77	4.50	4.65	4.53	2.81	280	316	274	329
2017	7.85	7.83	7.13	7.33	6.98	5.94	5.66	5.78	5.71	2.96	283	342	281	314
2018	9.74	9.97	9.76	9.43	9.34	7.95	7.84	7.97	7.88	3.12	314	354	310	361
2019	9.75	9.57	5.49	9.15	5.17	4.71	4.39	4.46	4.46	2.51	250	297	237	291
2020	7.64	7.47	4.39	6.73	4.13	3.19	3.07	3.17	3.13	1.99	236	263	221	277
2021	9.90	10.56	18.60	10.66	17.37	16.18	15.57	15.45	15.67	3.84	952	946	796	833
2022	16.86	20.47	33.98	15.58	31.85	32.74	30.96	24.55	37.09	6.38	1174	1242	1043	1000
2023	13.24	15.56	13.77	12.12	13.14	12.25	12.69	12.30	12.87	2.53	507	542	433	501
2024	11.69	11.95	11.91	11.03	11.49	10.74	10.84	10.69	10.89	2.25	489	527	367	417
2025	**11.12**	**10.80**	**12.16**	**10.14**	**11.84**	**11.42**	**11.79**	**11.65**	**11.89**	**3.53**	**509**	**571**	**400**	**363**

[1] **Source:** EDMC Energy Trend, bp analysis to 1987. From 1988, S&P Global Energy, ©2026 by S&P Global Inc.
[2] **Source:** S&P Global Energy, ©2026 by S&P Global Inc.
[3] **Source:** ICIS Heren Energy Ltd to 2004. From 2005, S&P Global Energy, ©2026 by S&P Global Inc.
[4] **Source:** US Energy Information Administration (EIA) to 2004. From 2005, S&P Global Energy, ©2026 by S&P Global Inc.
[5] **Source:** S&P Global Energy, ©2026 by S&P Global Inc, CFR $/mt.
[6] **Source:** S&P Global Energy, ©2026 by S&P Global Inc, FOB $/mtt.
Note: cfr = cost+freight (average prices), fob = free on board (average prices)

Hydrogen Production

							Growth rate per annum		Share
Thousand tonnes/year	2020	2021	2022	2023	2024	**2025**	2025	2015–25	2025
North America									
Blue	120.0	120.0	128.8	453.2	453.2	**453.2**	†	30.4%	41.9%
Green*	–	–	–	5.2	9.3	**28.9**	209.9%	–	2.7%
Total North America	120.0	120.0	128.8	458.3	462.5	**482.0**	4.2%	32.1%	44.5%
S. & Cent. America									
Blue	–	–	–	–	–	**–**	–	–	–
Green*	–	–	–	0.8	4.6	**9.3**	103.6%	–	0.9%
Total S. & Cent. America	–	–	–	0.8	4.6	**9.3**	103.6%	–	0.9%
Europe									
Blue	31.5	31.5	31.5	31.5	31.5	**31.7**	0.6%	0.1%	2.9%
Green*	–	–	–	19.1	28.9	**73.5**	154.8%	–	6.8%
Total Europe	31.5	31.5	31.5	50.6	60.4	**105.2**	74.3%	27.3%	9.7%
CIS									
Blue	–	–	–	–	–	**–**	–	–	–
Green*	–	–	–	–	–	**1.4**	†	–	0.1%
Total CIS	–	–	–	–	–	**1.4**	†	–	0.1%
Middle East									
Blue	–	240.0	240.0	240.0	240.0	**240.0**	†	–	22.2%
Green*	–	–	–	0.1	0.1	**0.1**	0.3%	–	†
Total Middle East	–	240.0	240.0	240.1	240.1	**240.1**	†	–	22.2%
Africa									
Blue	–	–	–	–	–	**–**	–	–	–
Green*	–	–	–	1.0	2.1	**3.1**	50.1%	–	0.3%
Total Africa	–	–	–	1.0	2.1	**3.1**	50.1%	–	0.3%
Asia Pacific									
Blue	–	40.0	40.0	40.0	40.0	**40.3**	0.8%	–	3.7%
Green*	–	–	–	50.8	70.7	**200.7**	183.8%	–	18.5%
Total Asia Pacific	–	40.0	40.0	90.8	110.7	**241.1**	117.7%	–	22.3%
World									
Blue	151.5	431.5	440.3	764.7	764.7	**765.2**	0.1%	38.3%	70.7%
Green*	–	–	–	76.9	115.7	**317.1**	174.1%	–	29.3%
Total World	**151.5**	**431.5**	**440.3**	**841.6**	**880.4**	**1082.3**	**22.9%**	**48.2%**	**100.0%**

Source: S&P Global Energy, ©2026 by S&P Global Inc.
* Green hydrogen excludes legacy electrolysis.
† Less than 0.05%.

Natural gas Inter-regional trade

Billion cubic metres	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
US														
Pipeline imports	71.6	79.5	80.5	76.7	73.3	68.2	75.9	82.1	80.8	87.4	**87.2**	0.1%	2.0%	9.7%
LNG imports	2.5	2.4	2.2	2.1	1.5	1.3	0.6	0.7	0.5	0.5	**0.4**	-17.0%	-16.9%	†
Total imports	**74.1**	**82.0**	**82.7**	**78.8**	**74.7**	**69.5**	**76.5**	**82.8**	**81.3**	**87.9**	**87.6**	†	**1.7%**	**9.8%**
Pipeline exports	47.2	58.7	65.7	67.8	77.4	78.9	84.3	82.9	89.0	91.0	**94.2**	3.8%	7.1%	10.5%
LNG exports*	0.7	4.0	17.1	28.6	47.4	61.3	94.5	104.5	114.5	115.9	**147.0**	27.1%	70.8%	16.4%
Total exports	**47.9**	**62.7**	**82.8**	**96.3**	**124.8**	**140.2**	**178.8**	**187.4**	**203.5**	**207.0**	**241.2**	**16.9%**	**17.5%**	**26.8%**
Other North America														
Pipeline imports	47.2	58.7	65.7	67.8	77.4	78.9	84.3	82.9	89.0	91.0	**94.2**	3.8%	7.1%	10.5%
LNG imports	7.4	5.9	7.0	7.5	7.1	3.4	1.6	0.9	1.2	1.4	**1.4**	-4.6%	-15.7%	0.2%
Total imports	**54.7**	**64.5**	**72.7**	**75.3**	**84.5**	**82.2**	**85.9**	**83.8**	**90.2**	**92.4**	**95.6**	**3.7%**	**5.7%**	**10.6%**
Pipeline exports	71.6	79.5	80.5	76.7	73.3	68.2	75.9	82.1	80.8	87.4	**87.2**	0.1%	2.0%	9.7%
LNG exports*	^	^	^	0.1	^	^	^	^	0.1	0.4	**3.6**	881.1%	76.2%	0.4%
Total exports	**71.6**	**79.6**	**80.6**	**76.7**	**73.3**	**68.2**	**75.9**	**82.1**	**80.9**	**87.8**	**90.8**	**3.7%**	**2.4%**	**10.1%**
Brazil														
Pipeline imports	11.2	9.8	8.4	7.6	6.4	6.2	7.1	6.1	5.4	4.9	**4.3**	-12.6%	-9.2%	0.5%
LNG imports	6.8	2.6	1.7	2.9	3.2	3.3	10.1	2.3	1.3	3.2	**2.7**	-16.7%	-8.8%	0.3%
Total imports	**18.0**	**12.4**	**10.1**	**10.5**	**9.7**	**9.5**	**17.2**	**8.4**	**6.7**	**8.2**	**7.0**	**-14.2%**	**-9.0%**	**0.8%**
LNG exports*	^	0.6	0.2	0.1	–	–	0.1	–	0.2	–	**0.2**	–	56.6%	†
Total exports	**^**	**0.6**	**0.2**	**0.1**	**–**	**–**	**0.1**	**–**	**0.2**	**–**	**0.2**	**–**	**56.6%**	**†**
Other S&C America														
LNG imports	3.6	5.6	5.0	5.3	5.1	6.4	10.3	7.5	9.5	9.4	**9.1**	-2.7%	9.7%	1.0%
Total imports	**3.6**	**5.6**	**5.0**	**5.3**	**5.1**	**6.4**	**10.3**	**7.5**	**9.5**	**9.4**	**9.1**	**-2.7%**	**9.7%**	**1.0%**
Pipeline exports	11.2	9.8	8.4	7.6	6.4	6.2	7.1	6.1	5.4	4.9	**4.3**	-12.6%	-9.2%	0.5%
LNG exports*	12.8	12.9	12.3	15.1	17.6	15.7	9.3	12.1	11.7	10.3	**11.5**	12.0%	-1.1%	1.3%
Total exports	**24.1**	**22.7**	**20.7**	**22.7**	**24.1**	**21.9**	**16.4**	**18.2**	**17.1**	**15.3**	**15.8**	**4.1%**	**-4.1%**	**1.8%**
Europe														
Pipeline imports	215.0	230.6	247.2	247.4	236.9	211.0	232.7	150.9	108.4	113.4	**96.4**	-14.8%	-7.7%	10.7%
LNG imports	52.7	51.7	59.6	65.8	112.7	111.3	106.3	166.0	160.0	126.5	**169.1**	34.1%	12.4%	18.8%
Total imports	**267.7**	**282.3**	**306.8**	**313.1**	**349.6**	**322.2**	**339.0**	**316.9**	**268.4**	**239.9**	**265.6**	**11.0%**	**-0.1%**	**29.5%**
LNG exports*	7.7	6.0	2.8	6.3	2.1	2.2	3.1	1.8	1.5	1.2	**0.4**	-65.8%	-25.2%	†
Total exports	**7.7**	**6.0**	**2.8**	**6.3**	**2.1**	**2.2**	**3.1**	**2.1**	**2.3**	**2.1**	**1.7**	**-17.1%**	**-13.9%**	**0.2%**
Russian Federation														
Pipeline imports	26.5	24.3	28.6	24.6	30.3	10.7	14.8	7.7	5.7	5.4	**–**	-100.0%	-100.0%	–
Total imports	**26.5**	**24.3**	**28.6**	**24.6**	**30.3**	**10.7**	**14.8**	**7.7**	**5.7**	**5.4**	**–**	**-100.0%**	**-100.0%**	**–**
Pipeline exports	194.2	202.0	219.7	222.4	220.7	197.4	201.3	125.0	91.0	111.3	**101.6**	-8.5%	-6.3%	11.3%
LNG exports	14.6	14.6	15.4	24.9	39.1	41.8	39.5	43.4	42.1	44.3	**42.6**	-3.7%	11.3%	4.7%
Total exports	**208.8**	**216.7**	**235.2**	**247.3**	**259.8**	**239.2**	**240.9**	**168.4**	**133.1**	**155.6**	**144.1**	**-7.1%**	**-3.6%**	**16.0%**
Other CIS														
Pipeline imports	25.4	26.3	28.8	30.4	29.8	26.7	26.9	25.2	24.2	30.7	**29.4**	-3.9%	1.5%	3.3%
Total imports	**25.4**	**26.3**	**28.8**	**30.4**	**29.8**	**26.7**	**26.9**	**25.2**	**24.2**	**30.7**	**29.4**	**-3.9%**	**1.5%**	**3.3%**
Pipeline exports	72.6	72.8	78.0	80.8	85.2	61.5	75.4	70.7	68.5	68.0	**60.6**	-10.7%	-1.8%	6.7%
Total exports	**72.6**	**72.8**	**78.0**	**80.8**	**85.2**	**61.5**	**75.4**	**70.7**	**68.5**	**68.0**	**60.6**	**-10.7%**	**-1.8%**	**6.7%**
Middle East														
Pipeline imports	9.6	7.3	4.6	2.1	1.6	0.6	0.8	1.0	0.4	0.5	**0.9**	72.0%	-21.2%	0.1%
LNG imports	5.5	8.1	9.9	6.7	5.4	5.4	3.9	4.4	3.3	4.8	**3.7**	-22.5%	-4.0%	0.4%
Total imports	**15.1**	**15.4**	**14.6**	**8.9**	**7.0**	**6.0**	**4.7**	**5.4**	**3.7**	**5.3**	**4.6**	**-13.3%**	**-11.2%**	**0.5%**
Pipeline exports	8.1	8.0	11.0	8.8	8.0	7.7	13.9	15.5	13.8	17.0	**16.7**	-1.1%	7.6%	1.9%
LNG exports	121.2	120.3	119.2	123.3	123.5	123.6	124.0	128.3	124.5	124.4	**124.1**	†	0.2%	13.8%
Total exports	**129.3**	**128.3**	**130.1**	**132.1**	**131.5**	**131.3**	**137.8**	**143.8**	**138.3**	**141.4**	**140.8**	**-0.1%**	**0.9%**	**15.7%**
Africa														
Pipeline imports	–	–	–	–	–	2.1	4.0	6.2	9.1	10.6	**9.7**	-8.2%	–	1.1%
LNG imports	3.1	9.2	6.2	2.8	–	–	–	–	^	3.6	**12.8**	261.2%	15.3%	1.4%
Total imports	**3.1**	**9.2**	**6.2**	**2.8**	**–**	**2.1**	**4.0**	**6.2**	**9.1**	**14.2**	**22.5**	**59.5%**	**22.0%**	**2.5%**
Pipeline exports	30.2	38.6	37.2	37.5	27.9	25.6	37.8	34.8	33.1	31.2	**29.6**	-4.9%	-0.2%	3.3%
LNG exports	47.7	44.7	53.6	53.1	61.6	55.9	58.1	54.0	54.4	50.6	**52.8**	4.6%	1.0%	5.9%
Total exports	**77.9**	**83.3**	**90.8**	**90.6**	**89.5**	**81.5**	**95.9**	**88.8**	**87.5**	**81.8**	**82.4**	**1.0%**	**0.6%**	**9.2%**
China														
Pipeline imports	32.4	36.8	39.9	47.9	47.7	45.1	53.2	59.2	63.0	71.3	**77.8**	9.4%	9.1%	8.7%
LNG imports	27.0	36.8	52.9	73.5	84.7	94.0	110.1	87.0	97.8	105.2	**90.8**	-13.5%	12.9%	10.1%
Total imports	**59.4**	**73.5**	**92.8**	**121.3**	**132.5**	**139.1**	**163.4**	**146.2**	**160.8**	**176.5**	**168.6**	**-4.2%**	**11.0%**	**18.8%**
LNG exports*	–	–	–	–	0.1	–	–	0.8	1.3	1.1	**2.2**	105.4%	–	0.2%
Total exports	**3.0**	**3.1**	**3.1**	**3.0**	**3.2**	**4.9**	**4.8**	**5.3**	**5.7**	**5.5**	**5.8**	**5.4%**	**6.6%**	**0.6%**
India														
LNG imports	20.0	24.3	26.0	30.5	32.4	36.6	33.8	28.4	30.4	38.5	**35.4**	-7.9%	5.9%	3.9%
Total imports	**20.0**	**24.3**	**26.0**	**30.5**	**32.4**	**36.6**	**33.8**	**28.4**	**30.4**	**38.5**	**35.4**	**-7.9%**	**5.9%**	**3.9%**
LNG exports*	0.4	0.1	0.1	–	0.1	–	–	–	–	–	**–**	–	-100.0%	–
Total exports	**0.4**	**0.1**	**0.1**	**–**	**0.1**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**-100.0%**	**–**
OECD Asia														
Pipeline imports	5.8	5.5	4.9	4.9	4.3	5.3	4.8	2.3	0.9	–	**–**	–	-100.0%	–
LNG imports	133.5	122.2	120.7	123.2	109.4	106.6	115.3	103.3	98.5	102.8	**96.4**	-6.0%	-3.2%	10.7%
Total imports	**139.3**	**127.7**	**125.6**	**128.2**	**113.8**	**111.9**	**120.1**	**105.6**	**99.4**	**102.8**	**96.4**	**-6.0%**	**-3.6%**	**10.7%**
LNG exports*	12.0	22.8	32.2	41.9	53.0	55.5	59.5	49.6	55.6	57.1	**49.6**	-12.9%	15.3%	5.5%
Total exports	**12.0**	**22.8**	**32.2**	**41.9**	**53.0**	**55.5**	**59.5**	**49.6**	**55.6**	**57.1**	**49.6**	**-12.9%**	**15.3%**	**5.5%**
Other Asia														
LNG imports	19.7	23.8	27.7	35.2	45.3	49.1	56.2	56.2	63.8	70.3	**73.4**	4.7%	14.1%	8.2%
Pipeline Imports	3.0	3.1	3.1	3.0	3.1	4.9	4.8	4.5	4.4	4.4	**3.5**	-19.6%	1.5%	0.4%
Total imports	**22.7**	**27.0**	**30.8**	**38.2**	**48.4**	**54.1**	**61.1**	**60.8**	**68.1**	**74.7**	**76.9**	**3.3%**	**13.0%**	**8.6%**
Pipeline exports	9.5	9.2	8.1	7.8	8.7	9.2	8.7	6.4	4.5	3.6	**4.4**	23.2%	-7.4%	0.5%
LNG exports*	64.9	66.7	66.0	62.2	62.4	61.5	60.5	62.2	60.5	60.8	**61.3**	1.0%	-0.6%	6.8%
Total exports	**74.4**	**75.9**	**74.2**	**69.9**	**71.1**	**70.6**	**69.1**	**68.5**	**65.0**	**64.4**	**65.7**	**2.3%**	**-1.2%**	**7.3%**
World														
Inter-regional pipeline trade	447.7	481.8	511.8	512.4	510.8	459.6	509.3	428.2	391.4	419.7	**403.5**	-3.6%	-1.0%	44.9%
LNG trade	281.9	292.6	319.0	355.5	406.9	417.3	448.4	456.8	466.2	466.2	**495.2**	6.5%	5.8%	55.1%
Total trade	**729.6**	**774.4**	**830.8**	**867.9**	**917.7**	**877.0**	**957.7**	**885.0**	**857.7**	**885.9**	**898.7**	**1.7%**	**2.1%**	**100.0%**

* LNG exports include re-exports.
^ Less than 0.05.
† Less than 0.05%.
Pipeline trade excludes intra-regional trade.
Notes: As far as possible, the data above represents standard cubic metres (measured at 15°C and 1013mbar) and has been standardised using a gross calorific value (GCV) of 40MJ/m³.
Annual changes and share of totals are calculated using billion cubic metres figures.
Growth rates are adjusted for leap years.

Natural gas LNG imports

Billion cubic metres	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	0.6	0.3	0.4	0.6	0.5	0.8	0.7	0.3	0.2	0.4	**0.7**	94.1%	2.4%	0.1%
Mexico	6.8	5.6	6.6	6.9	6.6	2.5	0.9	0.6	0.9	1.0	**0.6**	-41.5%	-21.6%	0.1%
US	2.5	2.4	2.2	2.1	1.5	1.3	0.6	0.7	0.5	0.5	**0.4**	-17.0%	-16.9%	0.1%
Total North America	**10.0**	**8.3**	**9.2**	**9.6**	**8.6**	**4.6**	**2.2**	**1.6**	**1.6**	**1.9**	**1.8**	**-7.7%**	**-16.0%**	**0.3%**
Argentina	5.6	5.1	4.6	3.6	1.8	1.8	3.7	2.4	2.7	1.6	**1.3**	-18.9%	-13.6%	0.2%
Brazil	6.8	2.6	1.7	2.9	3.2	3.3	10.1	2.3	1.3	3.2	**2.7**	-16.7%	-8.8%	0.5%
Chile	3.7	4.5	4.4	4.3	3.3	3.7	4.5	3.3	3.6	3.0	**2.6**	-11.5%	-3.5%	0.5%
Other S. & Cent. America	2.8	3.0	2.8	3.7	4.8	5.1	6.0	6.2	8.2	9.4	**9.7**	4.1%	13.2%	1.7%
Total S. & Cent. America	**18.9**	**15.2**	**13.5**	**14.5**	**13.1**	**13.9**	**24.3**	**14.2**	**15.8**	**17.2**	**16.3**	**-4.7%**	**-1.5%**	**2.8%**
Belgium	3.6	2.4	1.3	3.3	7.3	6.4	5.4	12.5	11.8	7.7	**14.4**	87.2%	15.0%	2.5%
France	6.4	9.1	10.9	12.7	23.2	19.0	17.6	35.4	29.4	25.7	**30.9**	20.3%	17.0%	5.3%
Italy	5.9	5.9	8.3	8.2	13.5	12.5	9.5	14.7	16.3	14.5	**20.2**	39.8%	13.1%	3.5%
Spain	13.7	13.8	16.6	15.0	22.0	20.9	20.4	28.8	24.9	18.4	**22.3**	21.5%	5.0%	3.9%
Türkiye	7.5	7.6	10.9	11.4	12.9	14.8	13.9	15.1	14.8	12.4	**16.3**	31.6%	8.0%	2.8%
United Kingdom	13.7	10.7	6.6	7.2	17.1	18.6	15.0	26.1	19.4	9.7	**12.4**	28.5%	-1.0%	2.1%
Other European Union	5.2	6.9	10.2	13.4	23.5	23.8	25.5	39.4	51.0	45.0	**57.3**	27.7%	27.1%	9.9%
Rest of Europe	–	^	0.1	^	^	0.1	0.1	0.1	0.2	0.1	**0.1**	-1.4%	–	†
Total Europe	**56.0**	**56.4**	**64.8**	**71.2**	**119.4**	**116.1**	**107.5**	**172.0**	**167.7**	**133.6**	**174.0**	**30.6%**	**12.0%**	**30.1%**
Egypt	3.9	10.7	8.3	3.2	–	–	–	–	^	3.9	**12.8**	229.5%	12.6%	2.2%
Kuwait	4.3	4.7	4.8	4.3	5.1	5.7	7.7	8.5	8.9	9.7	**10.3**	6.1%	9.2%	1.8%
United Arab Emirates	2.9	4.2	3.0	1.0	1.6	1.5	1.7	0.9	1.1	1.2	**0.8**	-29.5%	-11.6%	0.1%
Other Middle East & Africa	2.7	4.8	5.3	4.0	2.7	1.9	0.2	0.1	0.2	1.3	**2.2**	69.8%	-1.9%	0.4%
Total Middle East & Africa	**13.7**	**24.5**	**21.4**	**12.5**	**9.4**	**9.1**	**9.6**	**9.5**	**10.2**	**16.1**	**26.1**	**62.6%**	**6.7%**	**4.5%**
China	27.0	36.8	52.9	73.5	84.7	94.0	110.1	87.0	97.8	105.2	**90.8**	-13.5%	12.9%	15.7%
India	20.0	24.3	26.0	30.5	32.4	36.6	33.8	28.4	30.4	38.5	**35.4**	-7.9%	5.9%	6.1%
Japan	115.9	113.6	113.9	113.0	105.5	101.7	100.4	97.3	89.5	89.0	**88.5**	-0.2%	-2.7%	15.3%
Malaysia	2.2	1.5	2.0	1.8	3.3	3.6	2.3	3.9	3.2	4.2	**3.3**	-21.2%	4.2%	0.6%
Pakistan	1.5	4.0	6.1	9.4	11.8	10.6	12.2	9.5	10.1	11.0	**9.1**	-16.6%	19.9%	1.6%
Singapore	3.0	3.2	4.1	4.5	5.0	5.7	5.0	5.3	6.8	8.4	**9.1**	8.6%	11.9%	1.6%
South Korea	45.8	46.3	51.4	60.2	55.6	55.4	64.1	63.8	60.7	63.6	**63.1**	-0.5%	3.3%	10.9%
Taiwan	19.6	20.4	22.7	22.9	22.8	24.3	26.7	27.5	27.4	29.1	**31.8**	9.6%	5.0%	5.5%
Thailand	3.6	3.9	5.2	6.0	6.7	7.5	9.2	11.5	16.1	15.8	**14.3**	-8.9%	14.8%	2.5%
Other Asia Pacific	–	–	–	0.8	5.7	6.6	7.6	6.9	9.2	11.6	**15.0**	29.1%	–	2.6%
Total Asia Pacific	**238.5**	**253.9**	**284.5**	**322.6**	**333.6**	**346.2**	**371.6**	**341.3**	**351.2**	**376.2**	**360.3**	**-4.0%**	**4.2%**	**62.3%**
Total World	**337.1**	**358.3**	**393.3**	**430.4**	**484.2**	**489.9**	**515.2**	**538.5**	**546.6**	**545.0**	**578.5**	**6.4%**	**5.5%**	**100.0%**

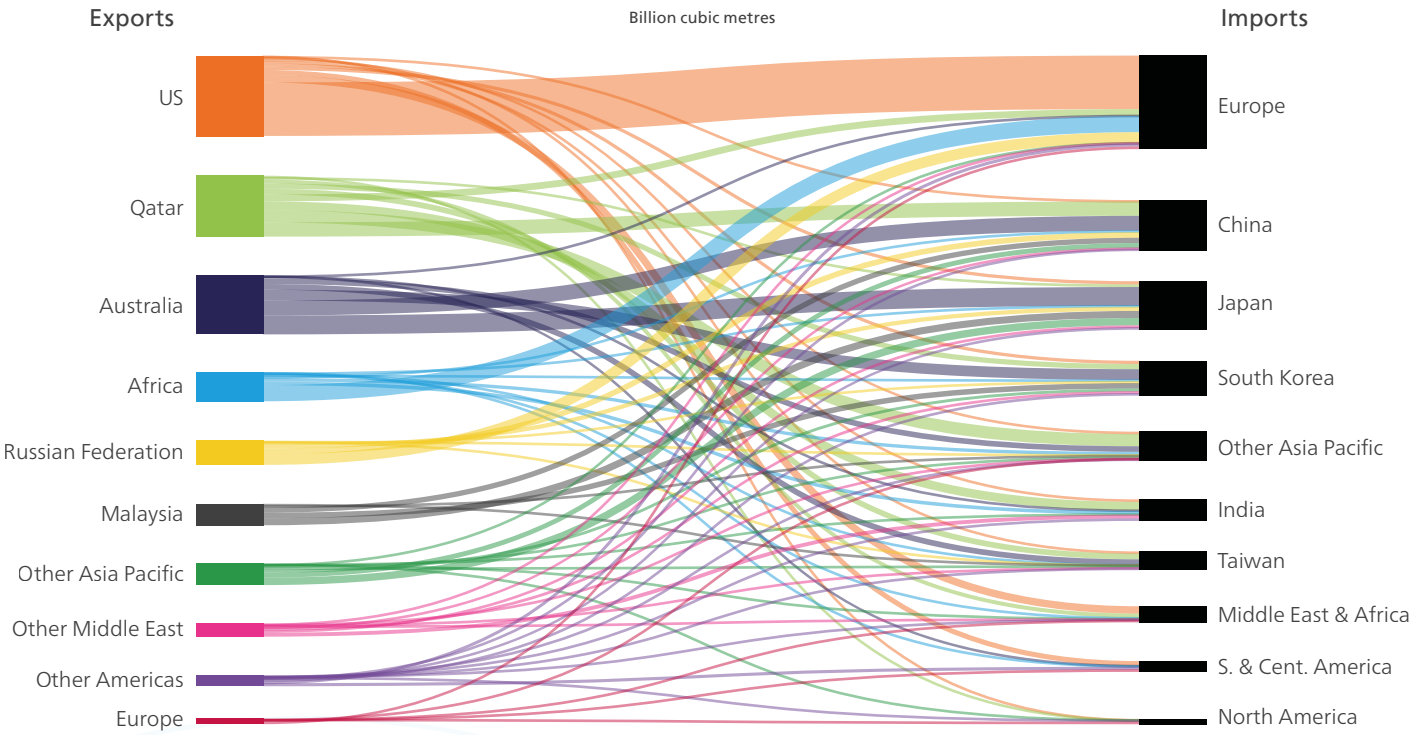
Source: Includes GIIGNL, S&P Global Energy.
Gross LNG trade.
^ Less than 0.05.
† Less than 0.05%.
Notes: Annual changes and share of totals are calculated using billion cubic metres figures.
Growth rates are adjusted for leap years.

Natural gas LNG exports

Billion cubic metres	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
US	0.7	4.0	17.1	28.6	47.4	61.3	94.5	104.5	114.5	115.9	**147.0**	27.1%	70.8%	25.4%
Peru	5.0	5.5	5.5	4.8	5.3	5.0	3.5	5.1	5.4	4.7	**5.2**	12.7%	0.4%	0.9%
Trinidad & Tobago	16.4	14.3	13.5	16.6	17.1	14.3	9.1	10.5	10.5	10.2	**10.7**	5.7%	-4.1%	1.9%
Other Americas*	^	0.6	0.3	0.1	0.1	0.5	0.7	0.8	1.0	0.4	**3.8**	934.0%	74.9%	0.7%
Total Americas	**22.1**	**24.5**	**36.5**	**50.1**	**69.9**	**81.2**	**107.8**	**121.0**	**131.3**	**131.1**	**166.8**	**27.5%**	**22.4%**	**28.8%**
Russian Federation	14.6	14.6	15.4	24.9	39.1	41.8	39.5	43.4	42.1	44.3	**42.6**	-3.7%	11.3%	7.4%
Norway	5.6	6.1	5.4	6.8	6.9	4.3	0.2	3.7	5.5	6.4	**4.3**	-32.4%	-2.6%	0.7%
Other Europe*	5.4	4.5	2.5	5.0	1.9	2.7	4.1	4.2	3.8	2.0	**0.9**	-52.5%	-16.1%	0.2%
Total Europe & CIS	**25.6**	**25.3**	**23.4**	**36.7**	**47.9**	**48.8**	**43.7**	**51.3**	**51.3**	**52.7**	**47.8**	**-9.0%**	**6.4%**	**8.3%**
Oman	10.2	11.0	11.4	13.6	14.1	13.2	14.1	15.3	15.3	16.0	**15.3**	-4.0%	4.1%	2.6%
Qatar	105.6	107.3	103.6	104.9	105.8	106.5	106.8	110.5	108.4	107.2	**111.0**	3.8%	0.5%	19.2%
United Arab Emirates	7.6	7.7	7.3	7.4	7.7	7.6	8.8	7.5	7.7	8.6	**7.0**	-19.1%	-0.9%	1.2%
Yemen	1.9	–	–	–	–	–	–	–	–	–	**–**	–	-100.0%	†
Total Middle East	**125.4**	**126.0**	**122.3**	**125.9**	**127.5**	**127.3**	**129.6**	**133.3**	**131.4**	**131.8**	**133.2**	**1.3%**	**0.6%**	**23.0%**
Algeria	16.6	15.5	16.4	13.1	16.8	14.5	15.6	14.3	17.8	15.8	**13.1**	-16.4%	-2.3%	2.3%
Angola	–	0.9	5.0	5.2	5.8	6.1	4.7	4.2	4.9	4.9	**6.7**	35.7%	–	1.2%
Egypt	–	0.8	1.2	2.0	4.7	1.8	9.1	9.2	4.9	0.9	**0.6**	-37.2%	–	0.1%
Nigeria	26.9	24.6	28.3	27.8	28.8	28.4	23.4	20.0	17.6	18.4	**20.1**	9.2%	-2.9%	3.5%
Other Africa	5.0	4.4	4.8	5.4	5.6	5.1	5.4	6.3	9.2	11.0	**12.9**	16.9%	9.8%	2.2%
Total Africa	**48.5**	**46.2**	**55.7**	**53.5**	**61.6**	**55.9**	**58.1**	**54.0**	**54.4**	**51.0**	**53.3**	**4.7%**	**0.9%**	**9.2%**
Australia	39.9	60.4	76.6	91.8	104.7	106.0	108.5	107.4	107.4	106.8	**104.8**	-1.6%	10.1%	18.1%
Brunei	8.7	8.6	9.1	8.5	8.8	8.4	7.5	6.5	6.2	6.4	**6.5**	1.8%	-2.8%	1.1%
Indonesia	21.6	22.4	21.7	20.8	16.5	16.8	14.6	15.6	16.1	16.6	**15.3**	-8.1%	-3.4%	2.6%
Malaysia	34.3	33.6	36.1	33.0	35.2	32.5	32.9	36.6	35.5	36.0	**36.5**	1.6%	0.6%	6.3%
Papua New Guinea	10.1	10.9	11.1	9.5	11.6	11.5	11.5	11.5	11.5	11.1	**11.8**	6.4%	1.6%	2.0%
Other Asia Pacific*	0.8	0.5	0.8	0.6	0.5	1.4	1.0	1.3	1.5	1.3	**2.5**	92.6%	12.1%	0.4%
Total Asia Pacific	**115.5**	**136.4**	**155.4**	**164.3**	**177.3**	**176.8**	**176.0**	**178.9**	**178.2**	**178.4**	**177.5**	**-0.3%**	**4.4%**	**30.7%**
Total LNG exports	**337.1**	**358.3**	**393.3**	**430.4**	**484.2**	**489.9**	**515.2**	**538.5**	**546.6**	**545.0**	**578.5**	**6.4%**	**5.5%**	**100.0%**

Source: Includes GIIGNL, S&P Global Energy.
Gross LNG trade.
* Largely consists of re-exports.
† Less than 0.05%.
Notes: Annual changes and share of totals are calculated using billion cubic metres figures.
Growth rates are adjusted for leap years.

Natural gas Major trade movements 2025 – LNG



LNG trade grew significantly by 6.5% in 2025, after almost no growth between 2023 and 2024. The US was a primary driver of this large growth with exports up 27.1% on 2024 levels. The US retained its position as the largest exporter, responsible for over a quarter of global exports, followed by Qatar (19.2%) and Australia (18.1%), collectively accounting for 63% of total global LNG exports.

China decreased its LNG imports by 13.5% in 2025, and remained the largest importer of LNG with 15.7% of the global share, but Japan is only narrowly behind with 15.3%. Both countries imported one-third of their LNG from Australia. The Asia-Pacific region alone was responsible for 62% of all LNG imports. After decline in 2024, European LNG imports bounced back in 2025 with a 30.6% increase. The US remained the largest supplier of European LNG, with the Russian Federation the second largest.

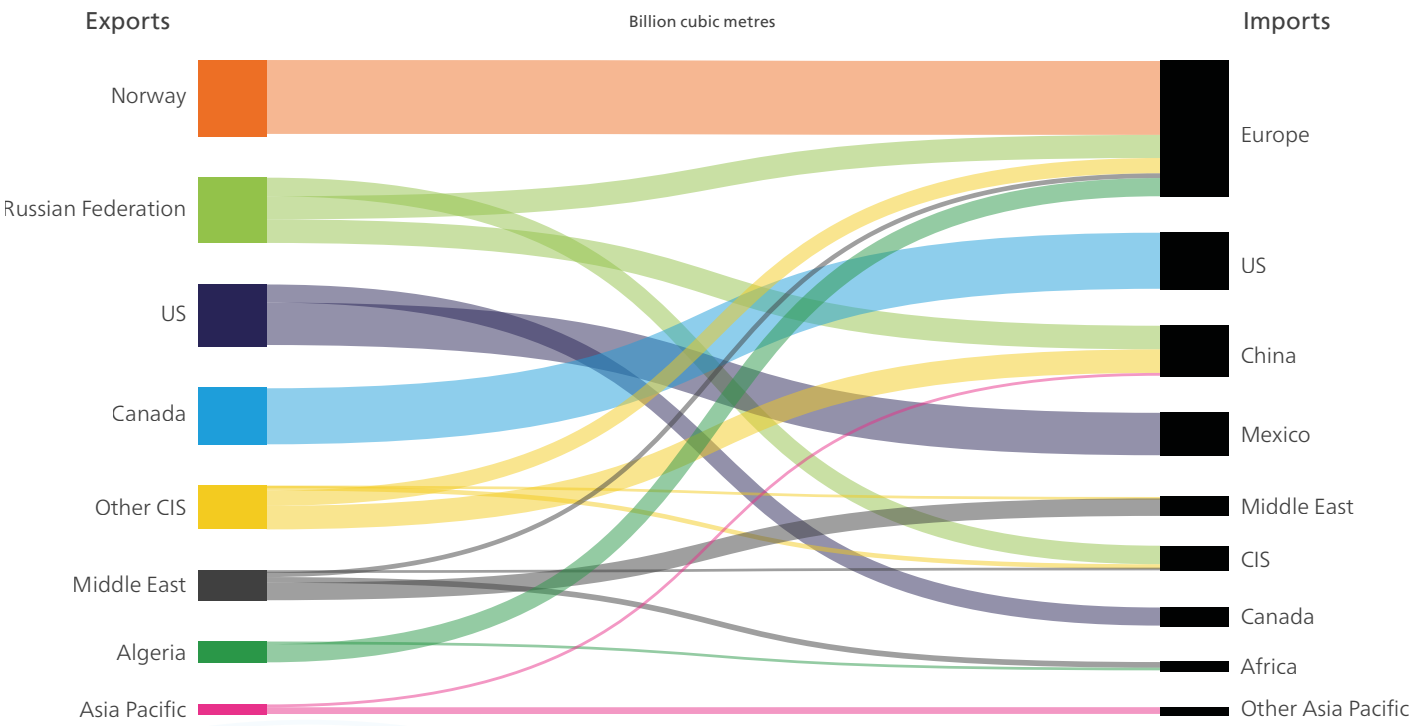
Note: regional groupings vary across trade tables and data will vary accordingly.

Natural gas Trade movements 2025 as liquefied natural gas*

Billion cubic metres	From																					
To	US	Peru	Trinidad & Tobago	Other Americas*	Norway	Other Europe*	Russian Federation	Oman	Qatar	United Arab Emirates	Algeria	Angola	Egypt	Nigeria	Other Africa	Australia	Brunei	Indonesia	Malaysia	Papua New Guinea	Other Asia Pacific*	Total imports
Canada	^	0.2	0.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**0.7**
Mexico	0.3	0.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.1	–	–	–	**0.6**
US	–	–	0.2	0.1	–	^	–	–	0.1	–	–	–	–	–	–	–	–	–	–	–	^	**0.4**
North America	**0.3**	**0.5**	**0.7**	**0.1**	**–**	**^**	**–**	**–**	**0.1**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**0.1**	**–**	**–**	**^**	**1.8**
Argentina	0.7	–	0.6	–	–	^	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**1.3**
Brazil	2.4	–	0.1	0.1	^	–	–	–	–	–	–	–	–	–	0.1	–	–	–	–	–	–	**2.7**
Chile	1.1	–	1.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**2.6**
Other S. & Cent. America	5.3	–	2.4	1.2	–	–	–	–	–	–	–	–	–	0.9	–	^	–	–	–	–	–	**9.7**
S. & Cent. America	**9.4**	**–**	**4.6**	**1.2**	**^**	**^**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**0.9**	**0.1**	**^**	**–**	**–**	**–**	**–**	**–**	**16.3**
Belgium	5.3	–	0.2	–	0.2	^	5.5	–	2.5	–	–	0.2	–	0.4	0.2	–	–	–	–	–	–	**14.4**
France	14.3	0.8	0.1	0.1	0.8	0.1	8.6	–	–	–	3.4	0.4	–	1.8	0.4	0.1	–	–	–	–	0.2	**30.9**
Italy	9.4	–	0.6	–	–	0.2	0.1	–	6.7	–	2.1	–	0.1	0.3	0.5	–	–	–	–	–	–	**20.2**
Spain	10.1	0.6	0.2	^	0.2	–	3.8	–	0.6	–	1.9	1.9	0.1	2.4	0.5	–	–	–	–	–	^	**22.3**
Türkiye	8.7	–	0.4	0.1	–	–	–	0.1	–	–	4.5	0.2	0.2	0.9	1.3	–	–	–	–	–	–	**16.3**
United Kingdom	9.4	0.2	0.4	0.2	0.2	–	–	–	0.8	–	0.7	0.3	–	0.2	0.1	–	–	–	–	–	–	**12.4**
Other European Union	42.5	0.4	1.4	0.1	2.7	0.3	2.3	–	2.2	–	0.4	1.0	0.1	2.9	0.8	–	–	–	–	–	0.2	**57.3**
Rest of Europe	–	–	–	–	–	0.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	^	**0.1**
Europe	**99.6**	**2.0**	**3.2**	**0.5**	**4.1**	**0.7**	**20.3**	**0.1**	**12.7**	**–**	**13.1**	**3.9**	**0.5**	**9.0**	**3.8**	**0.1**	**–**	**–**	**–**	**–**	**0.4**	**174.0**
Egypt	11.7	–	0.3	^	0.2	0.1	–	–	–	–	–	–	–	–	0.5	–	–	–	–	–	–	**12.8**
Kuwait	0.2	–	–	–	–	–	–	1.4	7.1	0.1	–	0.1	–	1.3	0.1	–	–	–	–	–	–	**10.3**
United Arab Emirates	0.3	–	–	–	–	–	–	0.1	0.2	–	–	0.1	–	0.1	0.1	–	–	–	–	–	–	**0.8**
Other Middle East & Africa	1.6	–	–	–	–	^	–	–	0.2	–	–	–	–	–	0.2	–	–	–	–	–	0.2	**2.2**
Middle East & Africa	**13.7**	**–**	**0.3**	**^**	**0.2**	**0.1**	**–**	**1.6**	**7.5**	**0.1**	**–**	**0.2**	**–**	**1.4**	**0.9**	**–**	**–**	**–**	**–**	**–**	**0.2**	**26.1**
China	0.4	0.3	0.4	0.6	–	–	10.4	1.9	26.7	0.6	0.1	–	–	1.6	0.8	27.9	0.4	5.5	9.8	3.4	^	**90.8**
India	4.5	^	0.1	0.1	–	–	–	2.6	16.3	4.6	–	2.3	–	2.6	1.8	0.5	–	^	–	–	–	**35.4**
Japan	6.1	0.7	–	0.8	–	–	7.9	4.0	4.7	0.9	–	–	–	0.8	0.6	35.2	3.5	5.3	13.1	4.7	0.3	**88.5**
Malaysia	–	–	0.2	–	–	–	–	–	–	–	–	–	–	–	–	3.0	–	–	–	–	^	**3.3**
Pakistan	–	–	–	–	–	–	–	–	9.0	–	–	–	–	0.1	–	–	–	–	–	–	–	**9.1**
Singapore	0.2	0.1	–	–	–	–	–	–	3.9	–	–	–	–	^	0.8	3.2	–	0.1	0.3	–	0.5	**9.1**
South Korea	6.1	1.4	1.2	0.1	–	–	3.4	2.8	9.6	0.4	–	–	–	0.8	1.6	20.1	1.2	2.8	10.3	1.0	0.4	**63.1**
Taiwan	3.2	0.2	–	0.4	–	–	0.6	1.3	10.7	0.3	–	–	0.1	0.2	–	10.6	0.9	0.6	0.2	2.6	–	**31.8**
Thailand	1.8	–	–	–	–	^	–	0.9	2.9	0.1	–	0.3	–	0.7	1.7	2.9	0.3	0.3	2.1	0.2	0.2	**14.3**
Other Asia Pacific	1.8	–	0.1	–	–	–	0.1	0.1	6.8	–	–	0.1	–	1.8	0.8	1.3	0.2	0.5	0.7	–	0.5	**15.0**
Asia Pacific	**24.0**	**2.8**	**1.9**	**1.9**	**–**	**^**	**22.3**	**13.6**	**90.6**	**6.9**	**0.1**	**2.6**	**0.1**	**8.8**	**8.1**	**104.7**	**6.5**	**15.2**	**36.5**	**11.8**	**1.9**	**360.3**
Total exports	**147.0**	**5.2**	**10.7**	**3.8**	**4.3**	**0.9**	**42.6**	**15.3**	**111.0**	**7.0**	**13.1**	**6.7**	**0.6**	**20.1**	**12.9**	**104.8**	**6.5**	**15.3**	**36.5**	**11.8**	**2.5**	**578.5**

Source: Includes data from GIIGNL, S&P Global.
* Includes re-exports.
^ Less than 0.05.
Note: As far as possible, the data above represents standard cubic metres (measured at 15°C and 1013mbar) and has been standardised using a gross calorific value (GCV) of 40MJ/m³.

Natural gas Major trade movements 2025 – pipeline



Total 'inter-regional' pipeline trade decreased by 3.6% in 2025. While Europe remained the largest importer of pipeline gas, its imports declined by 14.8%, with imports from the Russian Federation declining further. Overall, the Russian Federation saw its pipeline exports decline by 8.5%.

When including trade between Norway and Europe, Europe is the largest player in global pipeline trade, responsible for 37% of global imports and 20% of exports. Norway remained the largest supplier of pipeline gas to its European counterparts, supplying more than half of Europe's pipeline imports. Significant trade between the North American pipeline network continued, with the US increasing its exports by 3.8% in 2025. Canada exported 87bcm of gas entirely to the US, while the US exported 94bcm with 70% flowing to Mexico and the remaining 30% to Canada.

Note: regional groupings vary across trade tables and data will vary accordingly.

Natural gas Trade movements 2025 by pipeline*

From

Billion cubic metres To	Canada	Mexico	US	Bolivia	Other S. & Cent. America	Norway	Other Europe	Azerbaijan	Kazakhstan	Russian Federation	Turkmenistan	Uzbekistan	Iran	Qatar	Other Middle East	Algeria	Libya	Other Africa	Indonesia	Myanmar	Other Asia Pacific	Total imports
Canada	–	–	28.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**28.2**
Mexico	–	–	66.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**66.0**
US	87.2	^	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**87.2**
North America	**87.2**	**^**	**94.2**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**181.5**
Argentina	–	–	–	0.1	^	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**0.2**
Brazil	–	–	–	4.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**4.3**
Other S. & Cent. America	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**–**
S. & Cent. America	**–**	**–**	**–**	**4.4**	**^**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**4.5**
European Union	–	–	–	–	–	86.1	–	11.8	–	4.3	–	–	–	–	–	28.3	0.9	–	–	–	–	**131.4**
Non-EU Europe	–	–	–	–	–	28.9	–	11.6	–	31.7	0.4	–	7.4	–	–	–	–	–	–	–	–	**80.0**
Europe	**–**	**–**	**–**	**–**	**–**	**115.0**	**–**	**23.4**	**–**	**36.0**	**0.4**	**–**	**7.4**	**–**	**–**	**28.3**	**0.9**	**–**	**–**	**–**	**–**	**211.4**
Belarus	–	–	–	–	–	–	–	–	–	15.9	–	–	–	–	–	–	–	–	–	–	–	**15.9**
Kazakhstan	–	–	–	–	–	–	–	–	–	3.4	0.4	–	–	–	–	–	–	–	–	–	–	**3.8**
Russian Federation	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**–**
Other CIS	–	–	–	–	–	–	–	–	–	9.5	6.7	0.1	0.5	–	–	–	–	–	–	–	–	**16.8**
CIS	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**28.9**	**7.0**	**0.1**	**0.5**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**36.5**
United Arab Emirates	–	–	–	–	–	–	–	–	–	–	–	–	–	18.1	–	–	–	–	–	–	–	**18.1**
Other Middle East	–	–	–	–	–	–	0.4	0.1	–	–	–	–	7.5	1.7	–	–	–	0.4	–	–	–	**10.1**
Middle East	**–**	**–**	**–**	**–**	**–**	**–**	**0.4**	**0.1**	**–**	**–**	**–**	**–**	**7.5**	**19.8**	**–**	**–**	**–**	**0.4**	**–**	**–**	**–**	**28.2**
South Africa	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3.5	–	–	–	**3.5**
Other Africa	–	–	–	–	–	–	0.9	–	–	–	–	–	–	–	8.8	4.0	–	–	–	–	–	**13.7**
Africa	**–**	**–**	**–**	**–**	**–**	**–**	**0.9**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**8.8**	**4.0**	**–**	**3.5**	**–**	**–**	**–**	**17.2**
Australia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**–**
China	–	–	–	–	–	–	–	–	4.9	36.7	30.3	1.5	–	–	–	–	–	–	–	4.4	–	**77.8**
Malaysia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	**–**
Singapore	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4.1	–	2.2	**6.3**
Thailand	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4.2	–	**4.2**
Asia Pacific	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**4.9**	**36.7**	**30.3**	**1.5**	**–**	**–**	**–**	**–**	**–**	**–**	**4.1**	**8.6**	**2.2**	**88.3**
Total exports	**87.2**	**^**	**94.2**	**4.4**	**^**	**115.0**	**1.3**	**23.5**	**4.9**	**101.6**	**37.8**	**1.6**	**15.4**	**19.8**	**8.8**	**32.3**	**0.9**	**3.9**	**4.1**	**8.6**	**2.2**	**567.6**

Source: Includes data from FGE NexantECA, S&P Global Energy.

* Intra-region trade is excluded. For example, trade between countries within Other Europe is excluded. Region coverage varies compared to 'inter-regional trade' table, eg Norway exports to EU, Non-EU is included above, but part of Europe in 'Inter-regional trade' table.

^ Less than 0.05.

Note: As far as possible, the data above represents standard cubic metres (measured at 15°C and 1013mbar) and has been standardised using a gross calorific value (GCV) of 40 MJ/m³.



Coal

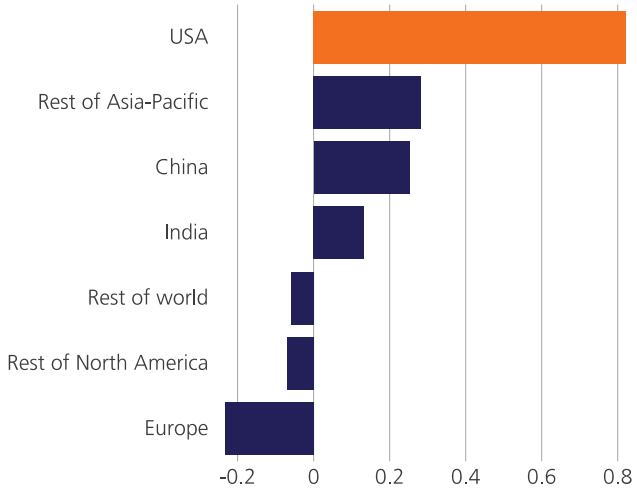
Both supply and demand flattened

Global coal demand growth slowed to 1.1EJ in 2025, reaching 166EJ, a 0.7% rise over 2024. This is comparable to 2024's growth rate and also above that of the last 10 years. Global coal production reached 180.8EJ in 2025, which was essentially flat versus 2024.

Coal balances remained highly concentrated: the top five producers (China, India, Indonesia, the US and Australia) supplied 83% of global output, while the top five consuming markets (China, India, the US, Indonesia and Japan) accounted for 80% of global consumption.

The US accounted for the vast majority of additional global coal consumption in 2025

Year-on-year change in coal consumption (EJ)



Note: Absolute changes are adjusted for leap years

The Asia-Pacific region continued to dominate the global coal system

The Asia-Pacific region continued to dominate the global coal system, accounting for 80% of global production (144.8EJ) and 83% of global consumption (138.1EJ). China alone represented 52% of global production and 56% of global consumption. Production rose by 1.7% while consumption was flat.

The biggest driver increasing global coal demand was the US, whose 2025 coal use expanded by 0.8EJ to 8.73EJ, an increase of 10%, following a decline of 3.4% in the previous year. Cold weather in winter increased demand of natural gas for heating, which drove up gas prices by more than 50% year-on-year, improving the economics of coal-fired power. US coal-fired generation increased by 93.2TWh as gas generation decreased by 61.8TWh.

Europe continued to decline on both the supply (6.3% year-on-year) and demand side (3.1% year-on-year). Even so, the region remained structurally import-dependent, with coal imports reaching 3EJ (up 0.8% year-on-year). Some 41% of coal consumed in Europe is imported.

Coal Production in million tonnes*

Million tonnes	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	61.9	62.4	60.6	55.2	53.2	46.1	47.6	47.6	48.7	43.0	**42.7**	-0.3%	-3.6%	0.5%
Mexico	12.3	11.4	12.9	11.9	9.8	7.7	5.5	5.5	0.6	0.6	**0.6**	1.0%	-25.9%	†
US	813.7	660.8	702.7	686.0	640.8	485.7	523.8	539.0	524.3	465.0	**483.6**	4.3%	-5.1%	5.3%
Total North America	**887.8**	**734.6**	**776.2**	**753.0**	**703.7**	**539.6**	**577.0**	**592.2**	**573.7**	**508.6**	**526.9**	**3.9%**	**-5.1%**	**5.8%**
Brazil	8.0	7.5	5.8	6.4	5.8	7.1	8.0	7.6	7.7	7.9	**8.6**	8.1%	0.6%	0.1%
Colombia	86.7	91.5	91.8	87.9	88.5	56.8	63.7	67.0	69.3	57.5	**47.9**	-16.4%	-5.8%	0.5%
Venezuela	0.8	0.7	0.7	0.7	0.4	0.3	0.2	0.2	0.6	0.7	**1.9**	160.7%	9.1%	†
Other S. & Cent. America	3.4	2.8	1.8	1.6	1.1	0.4	0.2	0.3	0.4	0.3	**0.3**	-10.5%	-22.8%	†
Total S. & Cent. America	**99.0**	**102.6**	**100.2**	**96.7**	**95.9**	**64.6**	**72.1**	**75.1**	**77.9**	**66.5**	**58.7**	**-11.5%**	**-5.1%**	**0.6%**
Bulgaria	35.9	31.3	34.3	30.6	28.3	22.6	28.4	35.6	21.1	15.1	**17.2**	14.9%	-7.1%	0.2%
Czech Republic	46.5	45.5	44.9	43.8	41.0	31.6	31.5	35.1	30.2	25.2	**25.7**	2.4%	-5.7%	0.3%
Germany	184.3	175.4	175.1	168.8	131.3	107.4	126.3	130.8	102.3	91.9	**86.4**	-5.8%	-7.3%	1.0%
Greece	46.2	32.6	37.7	36.5	27.4	14.1	12.4	14.3	10.8	6.6	**5.5**	-15.9%	-19.1%	0.1%
Hungary	9.3	9.2	8.0	7.9	6.8	6.1	5.0	4.9	4.1	3.9	**2.1**	-45.0%	-13.7%	†
Poland	135.8	131.0	127.1	122.4	112.4	100.7	107.6	107.8	88.7	85.2	**80.6**	-5.0%	-5.1%	0.9%
Romania	25.5	23.0	25.8	23.7	21.7	15.0	17.7	18.2	14.8	12.6	**12.3**	-2.5%	-7.0%	0.1%
Serbia	37.8	38.5	39.8	37.6	38.9	39.7	36.4	35.1	31.9	31.2	**33.3**	6.9%	-1.3%	0.4%
Spain	3.1	1.7	3.0	2.4	0.1	0.1	0.1	0.1	^	^	**–**	-100.0%	-100.0%	–
Türkiye	58.4	73.0	74.1	83.9	87.1	74.7	86.5	95.3	74.2	81.5	**75.4**	-7.3%	2.6%	0.8%
Ukraine	30.4	32.2	24.7	26.8	26.1	24.4	23.8	20.3	19.7	17.4	**12.0**	-30.8%	-8.9%	0.1%
United Kingdom	8.6	4.2	3.0	2.8	2.6	1.7	1.1	0.7	0.5	0.1	**0.1**	12.6%	-34.8%	†
Other Europe	64.5	61.7	65.1	66.3	56.8	50.2	47.6	50.7	46.3	41.2	**38.4**	-6.6%	-5.1%	0.4%
Total Europe	**686.3**	**659.4**	**662.6**	**653.5**	**580.5**	**488.3**	**524.3**	**548.8**	**444.5**	**412.0**	**389.2**	**-5.3%**	**-5.5%**	**4.3%**
Kazakhstan	107.3	103.1	112.3	118.5	115.0	113.4	116.2	117.8	116.4	113.0	**120.5**	7.0%	1.2%	1.3%
Russian Federation	372.5	386.6	411.0	441.3	440.7	398.6	432.6	437.3	430.7	427.2	**429.2**	0.7%	1.4%	4.7%
Uzbekistan	3.5	3.9	4.0	4.2	4.0	4.1	5.1	5.4	6.5	8.5	**9.2**	8.8%	10.2%	0.1%
Other CIS	4.0	4.6	5.7	7.7	7.9	6.3	6.6	8.6	8.5	9.0	**9.5**	5.7%	9.1%	0.1%
Total CIS	**487.3**	**498.1**	**533.0**	**571.6**	**567.6**	**522.4**	**560.5**	**569.0**	**562.1**	**557.7**	**568.4**	**2.2%**	**1.6%**	**6.3%**
Total Middle East	**1.6**	**1.8**	**1.8**	**2.2**	**2.0**	**2.1**	**2.4**	**4.9**	**9.2**	**10.8**	**11.5**	**5.9%**	**21.6%**	**0.1%**
South Africa	252.1	250.6	252.3	253.4	258.4	245.3	234.1	230.0	233.5	236.0	**235.5**	0.1%	-0.7%	2.6%
Zimbabwe	4.3	2.7	2.9	3.3	2.6	2.7	3.2	3.9	5.0	5.8	**7.1**	23.6%	5.1%	0.1%
Other Africa	9.7	9.2	16.7	20.3	15.2	13.6	17.8	23.9	24.6	26.9	**30.5**	13.4%	12.2%	0.3%
Total Africa	**266.1**	**262.6**	**271.9**	**277.1**	**276.3**	**261.6**	**255.1**	**257.8**	**263.1**	**268.7**	**273.1**	**1.9%**	**0.3%**	**3.0%**
Australia	503.7	502.1	487.2	512.4	524.1	488.1	479.4	452.3	455.1	463.5	**431.4**	-6.7%	-1.5%	4.8%
China	3746.5	3410.6	3523.6	3697.7	3735.7	3788.3	3993.5	4404.2	4541.2	4595.7	**4663.0**	1.7%	2.2%	51.5%
India	674.2	689.8	711.7	760.4	753.9	760.2	812.1	910.8	1011.3	1085.1	**1084.2**	0.2%	4.9%	12.0%
Indonesia	461.6	456.2	461.2	557.8	616.2	563.7	614.0	687.4	775.2	836.1	**790.0**	-5.3%	5.5%	8.7%
Japan	1.2	1.3	1.4	1.0	0.8	0.8	0.7	0.7	0.6	0.5	**0.5**	-13.1%	-9.1%	†
Mongolia	24.1	35.1	49.5	54.6	57.1	43.1	32.3	39.3	83.2	106.5	**105.5**	-0.7%	15.9%	1.2%
New Zealand	3.4	2.9	2.9	3.2	3.0	2.8	2.9	2.6	2.6	2.5	**2.6**	2.9%	-2.7%	†
Pakistan	3.3	4.1	4.2	4.4	7.1	9.3	10.0	10.1	19.6	18.0	**18.2**	1.4%	18.5%	0.2%
South Korea	1.8	1.7	1.5	1.2	1.1	1.0	0.9	0.8	0.6	0.5	**0.4**	-22.4%	-13.4%	†
Thailand	15.2	17.0	16.3	14.9	14.1	13.3	14.2	13.6	12.8	12.8	**12.5**	-2.0%	-1.9%	0.1%
Vietnam	41.7	38.7	38.4	42.4	46.4	44.6	48.3	49.9	47.3	43.8	**45.6**	4.3%	0.9%	0.5%
Other Asia Pacific	47.7	64.2	61.6	58.8	64.9	59.6	56.3	62.9	67.4	67.6	**71.1**	5.6%	4.1%	0.8%
Total Asia Pacific	**5524.3**	**5223.8**	**5359.5**	**5708.8**	**5824.4**	**5774.7**	**6064.5**	**6634.7**	**7016.9**	**7232.7**	**7225.0**	**0.2%**	**2.7%**	**79.8%**
Total World	**7952.4**	**7482.8**	**7705.1**	**8062.9**	**8050.2**	**7653.3**	**8056.0**	**8682.5**	**8947.6**	**9057.0**	**9052.7**	**0.2%**	**1.3%**	**100.0%**
of which: OECD	2016.2	1842.4	1872.4	1866.6	1759.5	1447.5	1515.4	1526.3	1432.4	1343.4	**1300.3**	-2.9%	-4.3%	14.4%
Non-OECD	5936.2	5640.4	5832.7	6196.2	6290.7	6205.8	6540.6	7156.2	7515.2	7713.6	**7752.5**	0.8%	2.7%	85.6%
European Union	521.3	481.6	492.2	473.4	397.3	318.8	348.9	368.1	291.3	256.2	**244.5**	-4.3%	-7.3%	2.7%

* Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal, and other commercial solid fuels. Includes coal produced for coal-to-liquids and coal-to-gas transformations.
^ Less than 0.05.
† Less than 0.05%.
Notes: Annual changes and shares of total are calculated using million tonnes figures.
Growth rates are adjusted for leap years.

Coal Production in exajoules*

Exajoules	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	1.35	1.37	1.33	1.23	1.20	1.15	1.21	1.22	1.27	1.15	**1.09**	-4.7%	-2.1%	0.6%
Mexico	0.29	0.25	0.31	0.28	0.23	0.19	0.14	0.14	0.01	0.01	**0.02**	1.0%	-25.5%	†
US	17.99	14.70	15.66	15.40	14.29	10.73	11.62	12.07	11.78	10.60	**11.04**	4.4%	-4.8%	6.1%
Total North America	**19.63**	**16.33**	**17.30**	**16.90**	**15.72**	**12.07**	**12.97**	**13.42**	**13.06**	**11.76**	**12.15**	**3.5%**	**-4.7%**	**6.7%**
Brazil	0.12	0.11	0.09	0.10	0.09	0.10	0.12	0.11	0.11	0.11	**0.12**	9.1%	-0.5%	0.1%
Colombia	2.49	2.63	2.64	2.53	2.55	1.63	1.83	1.93	1.99	1.65	**1.38**	-16.4%	-5.8%	0.8%
Venezuela	0.02	0.02	0.02	0.02	0.01	0.01	0.01	^	0.01	0.02	**0.04**	160.7%	6.1%	†
Other S. & Cent. America	0.10	0.08	0.05	0.05	0.03	0.01	0.01	0.01	0.01	0.01	**0.01**	-10.7%	-23.1%	†
Total S. & Cent. America	**2.74**	**2.85**	**2.81**	**2.69**	**2.68**	**1.76**	**1.96**	**2.05**	**2.13**	**1.79**	**1.55**	**-13.2%**	**-5.5%**	**0.9%**
Bulgaria	0.25	0.21	0.24	0.21	0.20	0.16	0.20	0.25	0.15	0.11	**0.12**	14.9%	-6.6%	0.1%
Czech Republic	0.71	0.67	0.64	0.62	0.56	0.43	0.44	0.48	0.41	0.34	**0.35**	1.9%	-6.8%	0.2%
Germany	1.79	1.66	1.65	1.58	1.19	0.98	1.15	1.19	0.92	0.83	**0.77**	-6.7%	-8.1%	0.4%
Greece	0.24	0.17	0.19	0.18	0.13	0.07	0.06	0.07	0.05	0.03	**0.03**	-15.9%	-19.1%	†
Hungary	0.06	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.03	**0.01**	-45.0%	-13.7%	†
Poland	2.22	2.18	2.08	1.98	1.87	1.68	1.76	1.71	1.49	1.40	**1.34**	-3.8%	-4.9%	0.7%
Romania	0.20	0.18	0.19	0.17	0.16	0.11	0.13	0.12	0.09	0.08	**0.08**	-2.5%	-8.8%	†
Serbia	0.30	0.30	0.30	0.28	0.29	0.30	0.26	0.25	0.23	0.23	**0.24**	6.9%	-2.2%	0.1%
Spain	0.05	0.03	0.05	0.04	^	^	^	^	^	^	**–**	-100.0%	-100.0%	–
Türkiye	0.54	0.65	0.63	0.69	0.73	0.66	0.75	0.83	0.64	0.70	**0.65**	-7.0%	1.9%	0.4%
Ukraine	0.72	0.76	0.57	0.61	0.60	0.53	0.52	0.44	0.43	0.38	**0.26**	-30.8%	-9.6%	0.1%
United Kingdom	0.21	0.11	0.08	0.08	0.07	0.05	0.03	0.02	0.01	^	**^**	12.6%	-33.8%	†
Other Europe	0.59	0.59	0.60	0.60	0.52	0.46	0.44	0.46	0.42	0.37	**0.34**	-7.1%	-5.3%	0.2%
Total Europe	**7.88**	**7.58**	**7.28**	**7.08**	**6.36**	**5.47**	**5.77**	**5.84**	**4.88**	**4.50**	**4.20**	**-6.3%**	**-6.1%**	**2.3%**
Kazakhstan	1.66	1.75	1.92	1.98	1.88	1.86	1.92	1.95	2.01	1.92	**2.05**	7.0%	2.1%	1.1%
Russian Federation	7.80	8.12	8.62	9.23	9.23	8.41	9.23	9.33	9.20	9.12	**9.16**	0.7%	1.6%	5.1%
Uzbekistan	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.08	0.11	**0.12**	8.8%	11.2%	0.1%
Other CIS	0.07	0.07	0.09	0.12	0.12	0.11	0.11	0.14	0.14	0.15	**0.16**	7.4%	9.5%	0.1%
Total CIS	**9.57**	**10.00**	**10.68**	**11.37**	**11.28**	**10.42**	**11.33**	**11.49**	**11.42**	**11.30**	**11.49**	**2.0%**	**1.8%**	**6.4%**
Total Middle East	**0.03**	**0.04**	**0.04**	**0.05**	**0.04**	**0.04**	**0.04**	**0.06**	**0.07**	**0.08**	**0.08**	**3.6%**	**9.3%**	†
South Africa	5.96	6.04	5.97	6.09	6.12	5.81	5.54	5.45	5.54	5.60	**5.59**	0.1%	-0.6%	3.1%
Zimbabwe	0.12	0.07	0.08	0.09	0.07	0.07	0.09	0.11	0.13	0.16	**0.19**	23.6%	5.1%	0.1%
Other Africa	0.25	0.24	0.43	0.53	0.39	0.35	0.46	0.61	0.63	0.69	**0.78**	13.4%	12.0%	0.4%
Total Africa	**6.33**	**6.35**	**6.48**	**6.71**	**6.58**	**6.23**	**6.09**	**6.17**	**6.31**	**6.45**	**6.56**	**2.1%**	**0.4%**	**3.6%**
Australia	12.80	12.83	12.50	13.38	13.69	12.58	12.27	11.45	11.48	11.71	**10.89**	-6.8%	-1.6%	6.0%
China	76.59	70.82	73.17	76.87	78.38	79.16	82.17	90.06	92.19	93.30	**94.66**	1.7%	2.1%	52.4%
India	11.77	11.89	11.99	12.80	12.60	12.59	13.38	15.05	16.83	17.96	**17.97**	0.3%	4.3%	9.9%
Indonesia	10.19	9.87	9.69	11.44	12.84	11.78	12.68	13.95	15.73	16.97	**16.03**	-5.3%	4.6%	8.9%
Japan	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.01	**0.01**	-13.1%	-8.8%	†
Mongolia	0.46	0.67	0.94	1.04	1.09	0.82	0.62	0.75	1.59	2.03	**2.01**	-0.7%	15.9%	1.1%
New Zealand	0.09	0.07	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.06	**0.07**	4.4%	-2.5%	†
Pakistan	0.06	0.08	0.08	0.08	0.13	0.17	0.19	0.19	0.37	0.34	**0.34**	1.4%	18.5%	0.2%
South Korea	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	**0.01**	-22.4%	-13.0%	†
Thailand	0.16	0.18	0.17	0.16	0.15	0.14	0.15	0.14	0.13	0.13	**0.13**	-2.0%	-2.2%	0.1%
Vietnam	0.98	0.91	0.90	0.99	1.09	1.05	1.13	1.17	1.11	1.03	**1.07**	4.3%	0.9%	0.6%
Other Asia Pacific	1.13	1.40	1.33	1.22	1.38	1.26	1.18	1.32	1.44	1.46	**1.54**	5.7%	3.1%	0.8%
Total Asia Pacific	**114.27**	**108.78**	**110.91**	**118.11**	**121.46**	**119.65**	**123.87**	**134.18**	**140.96**	**145.01**	**144.73**	**0.1%**	**2.4%**	**80.1%**
Total World	**160.44**	**151.91**	**155.49**	**162.91**	**164.12**	**155.64**	**162.03**	**173.22**	**178.82**	**180.88**	**180.76**	**0.2%**	**1.2%**	**100.0%**
of which: OECD	41.31	37.86	38.34	38.53	36.96	30.51	31.60	31.43	30.37	28.69	**27.78**	-2.9%	-3.9%	15.4%
Non-OECD	119.13	114.05	117.16	124.39	127.16	125.13	130.43	141.79	148.46	152.19	**152.97**	0.8%	2.5%	84.6%
European Union	5.82	5.47	5.42	5.16	4.42	3.67	3.96	4.04	3.31	2.96	**2.83**	-3.9%	-6.9%	1.6%

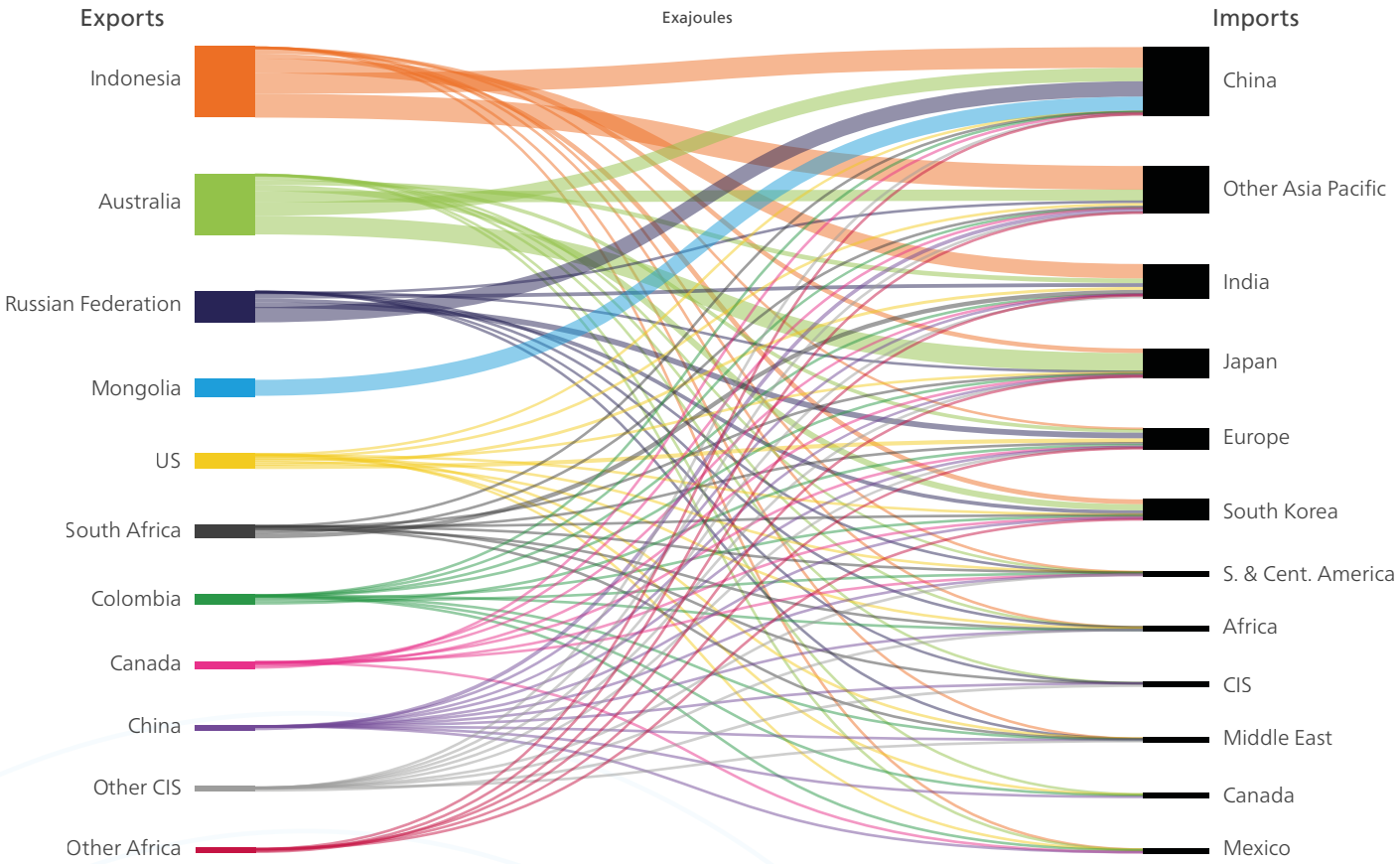
* Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal, and other commercial solid fuels. Includes coal produced for coal-to-liquids and coal-to-gas transformations.

^ Less than 0.005.

† Less than 0.05%.

Notes: Annual changes and shares of total are calculated using exajoules figures.
Growth rates are adjusted for leap years.

Coal Trade movements



Overall, international coal trade decreased by 3.1% in 2025. The Asia-Pacific region remained the dominant player in global coal trade, accounting for over 84% of total imports, led by China and India. However, China's coal imports saw a 10.1% decrease on 2024 levels to 10.4EJ, with Indonesia being its largest supplier, followed by Mongolia, the Russian Federation and Australia. Indonesia remained the largest coal exporter, with 10.4EJ, but saw a decline of 7.4% on 2024 exports. Meanwhile, Australia remained the second-largest exporter whose exports remained flat on 2024 levels.

European imports saw a marginal increase in 2025 after a drastic decline in 2024, but imports at 3EJ were still half of their 2015 levels. The Russian Federation was still the largest supplier of coal to Europe despite drastic decline in imports in the last three years. Japan and South Korea continued steady reductions, with coal imports down 2.2% and 4% respectively, reflecting cleaner energy shifts.

Note: regional groupings vary across trade tables and data will vary accordingly.

Coal Inter-area movements 2025

From / To Exajoules	Canada	Mexico	US	S. & Cent. America	Europe	CIS	Middle East	Africa	China	India	Japan	South Korea	Other Asia Pacific	Total
Canada	–	^	0.02	0.01	0.06	–	^	^	0.28	0.02	0.23	0.20	0.10	**0.93**
US	0.14	^	–	0.24	0.63	^	^	0.27	0.08	0.45	0.27	0.10	0.17	**2.34**
Colombia	0.05	0.10	0.05	0.35	0.41	–	0.02	0.01	0.01	0.05	0.03	0.20	0.01	**1.28**
Europe	^	^	^	0.01	–	^	0.01	0.02	^	0.06	^	^	0.01	**0.10**
Russian Federation	–	–	–	0.01	0.86	0.05	^	0.02	2.33	0.57	0.03	0.58	0.33	**4.78**
Other CIS	–	–	–	^	0.16	0.42	0.01	0.02	0.02	^	0.01	^	0.02	**0.66**
South Africa	^	–	^	0.01	0.20	^	0.13	0.20	0.01	0.65	0.10	0.09	0.29	**1.68**
Other Africa	^	–	0.01	–	0.01	–	0.02	0.11	0.01	0.19	0.01	0.04	0.09	**0.49**
Australia	^	^	^	0.15	0.55	^	–	^	2.02	0.70	2.82	0.94	1.71	**8.90**
China	^	^	^	0.01	0.01	^	0.01	^	–	0.02	0.03	0.03	0.55	**0.67**
Indonesia	^	^	^	0.02	0.06	–	^	0.01	3.14	2.20	0.69	0.73	3.60	**10.45**
Mongolia	–	–	–	–	–	–	–	–	2.42	–	–	^	–	**2.42**
Other Asia Pacific	^	^	^	0.01	0.01	^	^	^	0.09	0.28	0.02	0.02	–	**0.44**
Rest of World	^	^	^	0.02	0.03	^	^	0.01	^	0.09	^	0.01	0.01	**0.17**
Total imports	**0.18**	**0.11**	**0.09**	**0.83**	**3.01**	**0.47**	**0.21**	**0.66**	**10.41**	**5.28**	**4.24**	**2.94**	**6.87**	**35.32**

^ Less than 0.005.
Notes: Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal, and other commercial solid fuels.
Intra-area movements (for example, between countries in Europe) are excluded.

Coal Trade movements

Exajoules	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Imports														
Canada	0.22	0.19	0.22	0.23	0.21	0.17	0.19	0.18	0.19	0.18	**0.18**	1.1%	-1.7%	0.5%
Mexico	0.23	0.21	0.32	0.32	0.25	0.13	0.05	0.05	0.13	0.11	**0.11**	0.8%	-7.0%	0.3%
US	0.28	0.25	0.19	0.15	0.17	0.65	0.14	0.16	0.11	0.06	**0.09**	50.6%	-10.7%	0.3%
S. & Cent. America	1.00	1.06	1.20	1.18	1.12	1.04	1.25	1.05	0.96	0.87	**0.83**	-4.4%	-1.9%	2.3%
Europe	6.03	5.40	5.83	6.34	5.08	3.93	4.44	4.95	3.60	3.00	**3.01**	0.8%	-6.7%	8.5%
CIS	0.53	0.48	0.60	0.65	0.70	0.66	0.64	0.49	0.49	0.47	**0.47**	2.0%	-1.2%	1.3%
Middle East	0.38	0.34	0.36	0.37	0.34	0.38	0.34	0.25	0.26	0.25	**0.21**	-15.3%	-5.6%	0.6%
Africa	0.44	0.50	0.63	0.82	0.92	0.52	0.68	0.73	0.76	0.67	**0.66**	-0.3%	4.1%	1.9%
China	4.69	5.65	5.87	6.00	6.40	6.61	6.68	5.83	10.16	11.62	**10.41**	-10.1%	8.3%	29.5%
India	4.92	6.46	5.25	5.68	4.70	4.74	4.67	4.99	5.35	5.30	**5.28**	†	0.7%	14.9%
Japan	5.05	5.01	5.06	5.00	4.90	4.56	4.84	4.82	4.39	4.35	**4.24**	-2.2%	-1.7%	12.0%
South Korea	3.54	3.53	3.89	3.90	3.73	3.28	3.35	3.36	3.19	3.07	**2.94**	-4.0%	-1.8%	8.3%
Other Asia Pacific	3.96	4.60	4.25	4.83	4.79	6.11	5.95	5.49	5.97	6.62	**6.87**	4.1%	5.7%	19.5%
Total World	**31.27**	**33.69**	**33.67**	**35.48**	**33.29**	**32.78**	**33.23**	**32.35**	**35.56**	**36.55**	**35.32**	**-3.1%**	**1.2%**	**100.0%**
Exports														
Canada	0.86	0.78	0.92	1.00	0.99	0.92	0.94	0.95	0.97	0.91	**0.93**	2.5%	0.9%	2.6%
US	1.89	1.52	2.41	2.90	2.21	1.74	2.18	2.25	2.48	2.65	**2.34**	-11.5%	2.2%	6.6%
Colombia	2.19	2.33	2.46	2.41	2.07	1.81	1.66	1.60	1.61	1.63	**1.28**	-21.3%	-5.2%	3.6%
Europe	0.10	0.13	0.19	0.25	0.24	0.21	0.22	0.15	0.20	0.12	**0.10**	-12.9%	0.8%	0.3%
Russian Federation	4.11	4.47	4.88	5.54	5.60	5.42	5.80	5.18	5.31	4.69	**4.78**	2.3%	1.5%	13.5%
Other CIS	0.48	0.45	0.50	0.49	0.55	0.63	0.65	0.69	0.66	0.61	**0.66**	7.9%	3.2%	1.9%
South Africa	2.30	2.16	2.70	2.96	1.42	1.75	1.61	1.68	1.64	1.58	**1.68**	6.7%	-3.1%	4.8%
Other Africa	0.26	2.02	0.66	0.24	0.28	0.74	0.37	0.47	0.57	0.54	**0.49**	-9.0%	6.3%	1.4%
Australia	9.95	9.87	9.17	9.30	9.05	8.98	8.98	7.67	8.37	8.97	**8.90**	-0.5%	-1.1%	25.2%
China	0.45	0.51	0.55	0.63	0.77	0.61	0.88	0.98	0.95	0.70	**0.67**	-3.5%	4.0%	1.9%
Indonesia	7.48	7.73	7.91	8.42	8.39	8.72	8.99	9.23	10.27	11.31	**10.45**	-7.4%	3.4%	29.6%
Mongolia	0.41	0.73	0.95	0.99	1.04	0.83	0.49	0.90	1.93	2.27	**2.42**	7.1%	19.5%	6.9%
Other Asia Pacific	0.65	0.77	0.32	0.29	0.60	0.34	0.36	0.44	0.45	0.44	**0.44**	-0.3%	-3.9%	1.2%
Rest of World	0.14	0.22	0.06	0.08	0.09	0.08	0.08	0.15	0.13	0.13	**0.17**	30.6%	2.4%	0.5%
Total World	**31.27**	**33.69**	**33.67**	**35.48**	**33.29**	**32.78**	**33.23**	**32.35**	**35.56**	**36.55**	**35.32**	**-3.1%**	**1.2%**	**100.0%**

† Less than 0.05%.

Notes: Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal, and other commercial solid fuels.
Intra-area movements (for example between countries in Europe) are excluded.
Annual changes and shares of total are calculated using exajoules figures. Growth rates are adjusted for leap years.

Mined energy resource prices

	Coal US dollars per tonne								Uranium $/lb
	United States[1]	Colombia[2]	Northwest Europe[3]	South Africa[4]	Indonesia[5]	South China[6]	Japan[7]	Australia[8]	Canada[9]
1987	–	–	31.30		–	–	–	–	–
1988	–	–	39.94		–	–	–	–	–
1989	–	–	42.08		–	–	–	–	–
1990	31.59	–	43.48		–	–	–	–	–
1991	29.01	–	42.80		–	–	–	–	–
1992	28.53	–	38.53		–	–	–	–	–
1993	29.85	–	33.68		–	–	–	–	–
1994	31.72	–	37.18		–	–	–	–	–
1995	27.01	–	44.50		–	–	–	–	–
1996	29.86	–	41.25		–	–	–	–	–
1997	29.76	–	38.92		–	–	–	–	–
1998	31.00	–	32.00		–	–	–	–	–
1999	31.29	–	28.79		–	–	–	–	–
2000	29.90	–	35.99		–	27.52	–	–	–
2001	50.15	–	39.03		–	31.78	37.69	–	–
2002	33.20	–	31.65		–	33.19	31.47	–	–
2003	38.52	–	43.60		–	31.74	39.61	–	–
2004	64.90	–	72.13		–	42.76	74.22	–	–
2005	70.12	–	60.54		–	51.34	64.62	–	–
2006	57.82	–	64.11		–	53.53	65.22	–	–
2007	49.73	–	88.79		–	61.23	95.59	–	–
2008	117.42	–	147.67		–	104.97	157.88	–	–
2009	60.73	–	70.39		–	87.86	83.59	–	–
2010	67.87	59.21	92.50		–	110.08	108.47	–	–
2011	84.75	79.73	121.48		–	127.27	126.13	–	–
2012	67.28	65.02	92.50		–	111.89	100.30	–	–
2013	69.72	54.18	81.69		–	95.42	90.07	–	–
2014	67.08	50.25	75.38	62.80	–	84.12	76.13	–	–
2015	51.57	47.31	56.79	47.48	–	67.53	60.10	–	–
2016	51.45	52.62	60.09	53.04	–	71.35	71.66	–	–
2017	63.83	68.75	84.51	71.59	–	94.72	96.02	–	–
2018	72.84	72.76	91.83	78.03	–	99.45	112.73	71.13	–
2019	57.16	51.26	60.17	55.67	50.53	35.20	73.57	54.24	–
2020	58.63	51.57	50.13	48.30	43.35	54.62	61.05	44.75	30.46
2021	96.96	116.17	124.20	96.49	96.07	124.41	115.14	83.26	35.16
2022	216.64	258.06	293.63	212.99	127.72	177.16	215.88	174.49	49.78
2023	98.77	108.44	129.34	99.66	84.33	119.69	129.86	103.59	60.37
2024	77.67	82.99	112.08	88.41	73.51	101.90	115.40	89.41	86.24
2025	**74.70**	**75.86**	**97.96**	**72.59**	**61.31**	**87.89**	**95.67**	**72.95**	**72.40**

[1] **Source:** S&P Global Energy ©2025 by S&P Global Inc. Prices are for CAPP 12,500Btu, 1.2SO_2 coal, FOB to 2019. From 2020, S&P Global Energy ©2026 by S&P Global Inc. Thermal Coal FOB Baltimore 6,900 kcal/kg NAR 3%S.
[2] **Source:** S&P Global Energy ©2026 by S&P Global Inc. Thermal Coal FOB Colombia 6,000kcal/kg NAR 90 Day.
[3] **Source:** IHS Northwest Europe prices for 1990-2000 average monthly marker prices, 2001-2018 average weekly prices. 2019 monthly average of S&P Global Energy ©2025 by S&P Global Inc Thermal Coal CIF ARA 6,000kcal/kg NAR. From 2020 S&P Global Energy ©2026 by S&P Global Inc Thermal Coal CIF ARA 6,000kcal/kg NAR 15-60 Day.
[4] **Source:** S&P Global Energy ©2026 by S&P Global Inc FOB Richards Bay 5,500kcal/kg NAR 7-45 Day.
[5] **Source:** S&P Global Energy ©2026 by S&P Global Inc FOB Kalimantan 5,000kcal/kg GAR 15-60 Day.
[6] **Source:** South China prices are the average monthly price for 2000-2005, weekly prices 2006-2018, 2019 monthly average of S&P Global Energy ©2026 by S&P Global Inc CFR South China 5,500kcal/kg NAR. From 2020, S&P Global Energy ©2026 by S&P Global Inc. Thermal Coal Platts PCC 8 CFR South China 5,500kcal/kg NAR 15-60 day. Yearly average currency exchange rates applied.
[7] **Source:** 2001-2018 IHS Japan prices basis = 6,000kcal/kg NAR CIF. 2019 monthly average of S&P Global Energy ©2026 by S&P Global Inc NEAT 5,750kcal/kg NAR. From 2020 Platts NEAT 15-60 day CFR Kinuura 5,750kcal/kg NAR.
[8] **Source:** S&P Global Energy ©2026 by S&P Global Inc. Thermal Coal FOB Newcastle High Ash 5,500kcal/kg NAR 7-45 Day.
[9] **Source:** S&P Global Energy ©2026 by S&P Global Inc Uranium U3O8 Spot Canada Mo01.
Note: NAPP = north appalachian, CIF = cost+insurance+freight (average prices); FOB = free on board, NAR = net as received, CFR = cost+freight.

Coal Consumption*

Exajoules	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	0.77	0.77	0.79	0.65	0.61	0.53	0.47	0.39	0.37	0.29	**0.25**	-15.2%	-10.8%	0.1%
Mexico	0.53	0.52	0.64	0.57	0.54	0.24	0.20	0.24	0.28	0.24	**0.22**	-7.5%	-8.5%	0.1%
US	15.58	14.26	13.87	13.28	11.34	9.20	10.57	9.91	8.19	7.93	**8.73**	10.4%	-5.6%	5.3%
Total North America	**16.89**	**15.55**	**15.30**	**14.50**	**12.49**	**9.97**	**11.24**	**10.54**	**8.84**	**8.46**	**9.19**	**9.0%**	**-5.9%**	**5.5%**
Argentina	0.06	0.04	0.05	0.05	0.03	0.04	0.05	0.05	0.05	0.03	**0.03**	-3.3%	-5.9%	†
Brazil	0.74	0.67	0.70	0.69	0.65	0.58	0.71	0.59	0.57	0.60	**0.59**	-1.8%	-2.2%	0.4%
Chile	0.31	0.31	0.32	0.31	0.31	0.26	0.29	0.24	0.14	0.14	**0.16**	16.1%	-6.3%	0.1%
Colombia	0.21	0.23	0.17	0.16	0.19	0.17	0.14	0.18	0.20	0.22	**0.14**	-34.5%	-3.8%	0.1%
Ecuador	^	^	^	^	^	^	^	^	^	^	**^**	0.5%	-4.1%	†
Peru	0.03	0.04	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.02	**0.03**	4.2%	-2.8%	†
Venezuela	0.01	0.01	0.01	^	^	^	^	0.01	0.01	0.01	**0.01**	†	0.5%	†
Central America	0.05	0.06	0.04	0.06	0.07	0.06	0.07	0.05	0.06	0.04	**0.04**	3.4%	-2.5%	†
Other Caribbean	0.08	0.08	0.07	0.07	0.10	0.12	0.11	0.12	0.12	0.13	**0.13**	1.9%	5.0%	0.1%
Other South America	^	^	^	^	^	^	^	^	^	^	**^**	-30.6%	-1.4%	†
Total S. & Cent. America	**1.48**	**1.43**	**1.40**	**1.38**	**1.39**	**1.26**	**1.40**	**1.26**	**1.18**	**1.19**	**1.13**	**-5.0%**	**-2.7%**	**0.7%**
Austria	0.14	0.13	0.13	0.12	0.12	0.10	0.11	0.10	0.10	0.10	**0.10**	-2.1%	-3.5%	0.1%
Belgium	0.14	0.13	0.13	0.13	0.13	0.10	0.11	0.12	0.10	0.11	**0.12**	9.5%	-1.4%	0.1%
Bulgaria	0.27	0.24	0.26	0.23	0.21	0.17	0.22	0.26	0.15	0.13	**0.14**	10.9%	-6.4%	0.1%
Croatia	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	**0.01**	-2.1%	-9.3%	†
Cyprus	^	^	^	^	^	^	^	^	^	^	**^**	-13.5%	20.1%	†
Czech Republic	0.68	0.69	0.67	0.67	0.60	0.52	0.54	0.56	0.45	0.38	**0.38**	0.1%	-5.7%	0.2%
Denmark	0.08	0.09	0.07	0.07	0.04	0.03	0.04	0.04	0.03	0.02	**0.01**	-59.1%	-20.4%	†
Estonia	0.15	0.16	0.18	0.18	0.13	0.10	0.11	0.12	0.11	0.10	**0.09**	-5.6%	-4.9%	0.1%
Finland	0.16	0.18	0.17	0.18	0.15	0.11	0.12	0.12	0.09	0.08	**0.08**	-2.9%	-7.1%	†
France	0.37	0.36	0.39	0.36	0.29	0.20	0.27	0.23	0.18	0.17	**0.16**	-4.9%	-8.1%	0.1%
Germany	3.29	3.20	3.01	2.90	2.25	1.85	2.24	2.31	1.75	1.58	**1.49**	-5.3%	-7.6%	0.9%
Greece	0.24	0.18	0.20	0.20	0.13	0.08	0.07	0.07	0.05	0.04	**0.03**	-15.0%	-18.5%	†
Hungary	0.10	0.09	0.09	0.09	0.08	0.07	0.06	0.05	0.04	0.03	**0.02**	-47.4%	-16.5%	†
Iceland	^	^	^	^	^	^	^	^	^	^	**^**	-26.5%	-2.3%	†
Ireland	0.09	0.09	0.08	0.06	0.04	0.04	0.05	0.04	0.02	0.02	**0.01**	-30.6%	-18.5%	†
Italy	0.52	0.46	0.40	0.37	0.28	0.21	0.23	0.31	0.19	0.10	**0.09**	-9.2%	-16.4%	0.1%
Latvia	^	^	^	^	^	^	^	^	^	^	**^**	5.9%	-11.5%	†
Lithuania	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	^	^	**^**	-24.8%	-8.6%	†
Luxembourg	^	^	^	^	^	^	^	^	^	^	**^**	26.5%	-6.6%	†
Netherlands	0.46	0.43	0.39	0.35	0.27	0.17	0.23	0.23	0.16	0.17	**0.19**	10.3%	-8.5%	0.1%
North Macedonia	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.03	0.03	**0.03**	4.0%	-3.8%	†
Norway	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	**0.03**	2.5%	-0.3%	†
Poland	2.04	2.07	2.08	2.09	1.86	1.72	1.90	1.78	1.48	1.35	**1.34**	†	-4.1%	0.8%
Portugal	0.14	0.12	0.14	0.11	0.05	0.02	0.01	^	^	^	**^**	-16.4%	-47.7%	†
Romania	0.25	0.22	0.23	0.21	0.21	0.15	0.17	0.15	0.11	0.10	**0.09**	-6.9%	-9.9%	0.1%
Slovakia	0.14	0.13	0.14	0.14	0.11	0.10	0.12	0.10	0.10	0.08	**0.07**	-11.8%	-6.1%	†
Slovenia	0.04	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.03	**0.02**	-39.3%	-7.8%	†
Spain	0.57	0.44	0.56	0.48	0.21	0.12	0.13	0.16	0.11	0.10	**0.09**	-16.0%	-17.2%	0.1%
Sweden	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.06	**0.06**	-0.5%	-3.1%	†
Switzerland	0.01	^	^	^	^	^	^	^	^	^	**^**	-26.3%	-9.7%	†
Türkiye	1.45	1.61	1.65	1.71	1.76	1.70	1.74	1.76	1.68	1.77	**1.79**	1.2%	2.1%	1.1%
Ukraine	1.14	1.36	1.08	1.17	1.09	0.96	0.95	0.45	0.39	0.39	**0.35**	-7.8%	-11.1%	0.2%
United Kingdom	1.00	0.51	0.41	0.35	0.25	0.23	0.23	0.21	0.18	0.10	**0.05**	-51.7%	-25.9%	†
Other Europe	0.58	0.60	0.59	0.59	0.57	0.59	0.56	0.54	0.51	0.50	**0.48**	-3.9%	-1.7%	0.3%
Total Europe	**14.24**	**13.74**	**13.29**	**12.98**	**11.06**	**9.57**	**10.44**	**9.93**	**8.17**	**7.58**	**7.33**	**-3.1%**	**-6.4%**	**4.4%**
Azerbaijan	^	^	^	^	^	^	^	^	^	^	**^**	†	-31.6%	†
Belarus	0.03	0.03	0.04	0.05	0.06	0.04	0.04	0.04	0.04	0.04	**0.04**	-2.8%	2.3%	†
Kazakhstan	1.14	1.34	1.47	1.52	1.44	1.37	1.40	1.41	1.52	1.47	**1.57**	7.5%	3.2%	0.9%
Russian Federation	3.86	3.74	3.51	3.63	3.57	3.28	3.41	3.82	3.82	3.75	**3.56**	-4.8%	-0.8%	2.1%
Uzbekistan	0.05	0.06	0.06	0.09	0.08	0.10	0.09	0.11	0.16	0.15	**0.20**	31.9%	14.3%	0.1%
Other CIS	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.09	0.08	0.10	**0.10**	2.4%	2.8%	0.1%
Total CIS	**5.17**	**5.25**	**5.16**	**5.38**	**5.23**	**4.87**	**5.04**	**5.47**	**5.62**	**5.51**	**5.48**	**-0.4%**	**0.6%**	**3.3%**
Iran	0.05	0.04	0.04	0.06	0.07	0.08	0.07	0.08	0.07	0.07	**0.07**	2.3%	4.0%	†
Israel	0.27	0.23	0.21	0.20	0.21	0.18	0.16	0.16	0.13	0.11	**0.08**	-32.4%	-12.0%	†
Kuwait	0.01	0.01	0.01	0.01	0.01	^	^	^	^	0.01	**0.01**	†	1.7%	†
Oman	^	^	^	^	^	^	^	0.01	^	^	**^**	†	9.1%	†
Qatar	^	^	^	^	^	^	^	^	^	^	**^**	†	-6.1%	†
Saudi Arabia	^	^	^	^	^	^	^	^	0.01	0.01	**0.01**	1.5%	5.3%	†
United Arab Emirates	0.07	0.08	0.09	0.08	0.07	0.09	0.11	0.10	0.10	0.07	**0.10**	41.6%	3.8%	0.1%
Other Middle East	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.05	0.06	**0.07**	18.0%	14.4%	†
Total Middle East	**0.42**	**0.38**	**0.38**	**0.38**	**0.39**	**0.38**	**0.38**	**0.38**	**0.35**	**0.33**	**0.34**	**2.1%**	**-2.2%**	**0.2%**
Algeria	0.01	^	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	**^**	-90.2%	-17.8%	†
Egypt	0.03	0.05	0.05	0.09	0.08	0.03	0.05	0.04	0.05	0.05	**0.06**	10.2%	5.8%	†
Morocco	0.19	0.18	0.19	0.22	0.28	0.29	0.31	0.31	0.29	0.27	**0.28**	5.8%	4.2%	0.2%
South Africa	3.52	3.62	3.37	3.58	3.82	3.48	3.45	3.27	3.44	3.72	**3.65**	-1.7%	0.4%	2.2%
Eastern Africa	0.21	0.16	0.20	0.22	0.19	0.20	0.22	0.24	0.29	0.29	**0.35**	19.1%	5.4%	0.2%
Middle Africa	^	^	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	**0.02**	10.5%	22.0%	†
Western Africa	0.03	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.08	0.07	**0.09**	21.6%	9.7%	0.1%
Other Northern Africa	–	–	–	^	^	^	^	^	^	^	**^**	†	–	†
Other Southern Africa	0.04	0.04	0.05	0.06	0.05	0.04	0.04	0.04	0.05	0.06	**0.04**	-28.0%	-0.5%	†
Total Africa	**4.03**	**4.11**	**3.93**	**4.25**	**4.51**	**4.10**	**4.17**	**4.01**	**4.23**	**4.49**	**4.49**	**0.2%**	**1.1%**	**2.7%**
Australia	1.95	1.94	1.88	1.83	1.75	1.69	1.63	1.54	1.50	1.51	**1.46**	-3.3%	-2.8%	0.9%
Bangladesh	0.11	0.08	0.09	0.10	0.17	0.19	0.15	0.20	0.29	0.32	**0.42**	32.3%	14.4%	0.3%
China	80.38	78.03	78.90	80.47	81.73	82.89	86.26	87.36	91.27	92.24	**92.24**	0.3%	1.4%	55.6%
China Hong Kong SAR	0.28	0.28	0.26	0.27	0.26	0.14	0.15	0.15	0.15	0.13	**0.11**	-16.0%	-9.3%	0.1%
India	16.17	16.52	17.05	17.93	17.96	16.97	19.27	20.02	22.09	23.00	**23.07**	0.6%	3.6%	13.9%
Indonesia	1.92	1.96	2.04	2.36	2.88	2.76	2.75	4.38	4.32	4.72	**5.15**	9.5%	10.4%	3.1%
Japan	5.03	5.02	5.10	4.99	4.91	4.57	4.93	4.92	4.54	4.53	**4.36**	-3.5%	-1.4%	2.6%
Malaysia	0.73	0.78	0.87	0.93	0.88	1.04	0.96	0.99	1.04	1.06	**1.10**	4.6%	4.2%	0.7%
New Zealand	0.06	0.05	0.05	0.06	0.06	0.06	0.07	0.05	0.04	0.05	**0.04**	-18.1%	-3.2%	†
Pakistan	0.24	0.26	0.34	0.48	0.51	0.57	0.64	0.55	0.46	0.42	**0.48**	15.2%	6.9%	0.3%
Philippines	0.49	0.55	0.65	0.68	0.73	0.73	0.79	0.80	0.96	1.03	**0.93**	-9.2%	6.7%	0.6%
Singapore	0.02	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.01	0.01	**0.01**	12.8%	-1.8%	†
South Korea	3.58	3.49	3.70	3.81	3.59	3.18	3.27	3.15	3.04	2.85	**2.86**	0.4%	-2.2%	1.7%
Sri Lanka	0.05	0.05	0.06	0.05	0.06	0.07	0.07	0.06	0.05	0.06	**0.05**	-10.9%	0.6%	†
Taiwan	1.65	1.67	1.70	1.67	1.64	1.53	1.64	1.55	1.46	1.39	**1.28**	-7.5%	-2.5%	0.8%
Thailand	0.73	0.75	0.75	0.80	0.71	0.76	0.78	0.71	0.60	0.61	**0.59**	-3.0%	-2.1%	0.4%
Vietnam	1.10	1.19	1.19	1.58	2.09	2.20	2.09	1.93	2.28	2.50	**2.57**	3.2%	8.9%	1.5%
Other Asia Pacific	0.57	0.67	1.15	1.13	1.26	1.21	1.08	1.12	1.29	1.36	**1.34**	-0.9%	8.9%	0.8%
Total Asia Pacific	**115.06**	**113.33**	**115.80**	**119.17**	**121.21**	**120.57**	**126.54**	**129.49**	**135.40**	**137.79**	**138.08**	**0.5%**	**1.8%**	**83.2%**
Total World	**157.29**	**153.79**	**155.26**	**158.03**	**156.28**	**150.72**	**159.22**	**161.08**	**163.80**	**165.35**	**166.03**	**0.7%**	**0.5%**	**100.0%**
of which: OECD	40.22	38.08	37.81	36.58	32.43	27.73	30.23	29.23	25.38	24.31	**24.51**	1.1%	-4.8%	14.8%
Non-OECD	117.07	115.71	117.45	121.45	123.85	122.99	129.00	131.85	138.42	141.05	**141.52**	0.6%	1.9%	85.2%
European Union	9.99	9.59	9.47	9.08	7.31	6.03	6.89	6.88	5.34	4.75	**4.59**	-3.2%	-7.5%	2.8%

* Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal, and other commercial solid fuels.
Excludes coal converted to liquid or gaseous fuels, but includes coal consumed in transformation processes.
^ Less than 0.005.
† Less than 0.05%.

Notes: Differences between these consumption figures and the world production statistics are accounted for by stock changes, and unavoidable disparities in the definition, measurement or conversion of coal supply and demand data.
Annual changes and share of total are calculated using exajoules figures.
Growth rates are adjusted for leap years.



Electricity and low-carbon power

Renewables rise caused fossil generation fall

Total global electricity generation increased by 3% in 2025 to reach 32,202TWh. This is lower than the 2024 gain of 4%, but in percentage terms is nearly three times total energy supply growth in 2025.

Renewables growth (861TWh) exceeded the absolute growth in electricity demand in 2025 (855TWh), leading to a fall in fossil power. When adjusted for leap years, as year-on-year changes are throughout this report, demand growth was slightly higher but fossil generation still fell.

Solar achieved 30% growth (650TWh) and its share of total generation reached 8.7% – surpassing wind (8.4%) for the first time and almost equalling nuclear's share of 8.8%. Nuclear generation increased by 1.3% in 2025 compared with 2.6% in 2024. The significant increase in solar generation was driven by a record 511GW of additional installed capacity in 2025. Hydro saw very little change. Storage, however, played an increasingly important role (see table, p65).

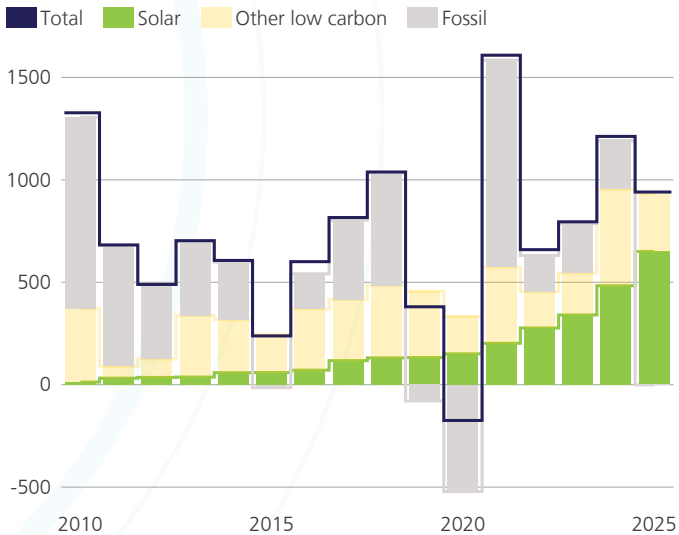
As for fossil fuels, coal generation fell 0.3% (compared to 0.7% growth in 2024). It retained the largest share of the global electricity mix at 32.6% (10,511TWh) but for the first time was lower than total renewables including hydro, at 33.4%. Gas only rose by 0.6% (compared with 2.7% in 2024) and was 22% of electricity generation. Oil dropped the most of all fuels in percentage terms, down 1.7%.

Biofuels consumption increased by 1.9% whilst production increased by 0.7%.

Renewables growth was driven by solar, which expanded by 30%

Record solar power rise pushes clean power to meet global electricity demand growth in 2025 causing fossil generation to plateau

Annual change in electricity generation (TWh)



Other low carbon includes hydro, nuclear, wind, geothermal and biofuels. Total generation includes statistical differences not mapped to specific fuel sources. Note: Absolute changes are adjusted for leap years.

Electricity Generation*

Terawatt-hours	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	661.1	667.1	669.3	661.2	655.7	655.9	652.4	664.5	643.5	642.6	**660.2**	3.0%	†	2.1%
Mexico	323.0	327.0	331.4	339.6	349.1	353.2	358.0	368.0	385.1	388.1	**389.7**	0.7%	1.9%	1.2%
US	4349.9	4348.9	4303.8	4464.5	4414.1	4287.6	4400.9	4537.7	4499.1	4639.0	**4772.2**	3.2%	0.9%	14.8%
Total North America	**5333.9**	**5343.0**	**5304.5**	**5465.3**	**5418.9**	**5296.7**	**5411.3**	**5570.2**	**5527.7**	**5669.7**	**5822.1**	**3.0%**	**0.9%**	**18.1%**
Argentina	145.4	147.2	145.6	146.8	139.5	144.6	153.2	145.6	148.6	153.2	**153.3**	0.4%	0.5%	0.5%
Brazil	581.2	578.9	589.3	601.4	633.3	628.8	656.4	677.2	708.1	751.3	**763.7**	1.9%	2.8%	2.4%
Chile	74.5	77.7	78.6	82.3	83.6	83.7	87.4	88.0	89.0	90.5	**90.3**	†	1.9%	0.3%
Colombia	75.0	74.4	75.0	78.3	80.4	79.4	85.6	89.3	93.3	96.1	**96.0**	0.1%	2.5%	0.3%
Ecuador	26.0	27.3	28.0	29.2	32.3	31.2	32.2	33.0	35.4	34.4	**38.2**	11.5%	3.9%	0.1%
Peru	48.3	51.7	52.7	55.0	57.0	52.8	57.5	59.8	62.2	63.6	**65.0**	2.5%	3.0%	0.2%
Trinidad & Tobago	9.6	9.4	9.3	9.2	9.2	9.2	9.3	9.5	9.5	9.8	**9.8**	0.4%	0.2%	†
Venezuela	126.3	116.2	110.3	92.3	78.1	76.6	75.2	76.4	81.1	81.9	**81.3**	-0.5%	-4.3%	0.3%
Central America	52.9	54.4	55.0	56.8	61.1	56.8	61.3	64.1	67.5	67.9	**69.3**	2.5%	2.7%	0.2%
Other Caribbean	78.0	78.8	74.5	76.2	79.6	78.7	80.2	79.8	84.3	84.7	**82.9**	-1.9%	0.6%	0.3%
Other South America	82.7	91.3	87.9	87.9	80.1	74.2	71.8	74.5	82.3	76.7	**78.3**	2.3%	-0.5%	0.2%
Total S. & Cent. America	**1299.9**	**1307.3**	**1306.3**	**1315.4**	**1334.3**	**1316.0**	**1370.0**	**1397.2**	**1461.3**	**1510.0**	**1528.1**	**1.5%**	**1.6%**	**4.7%**
Austria	65.5	68.5	71.3	68.6	74.2	72.6	70.9	69.2	75.0	82.4	**77.8**	-5.3%	1.7%	0.2%
Belgium	69.7	85.6	86.6	75.0	93.6	89.5	100.5	96.0	83.7	77.2	**72.9**	-5.3%	0.4%	0.2%
Bulgaria	49.2	45.3	45.6	46.8	44.3	40.8	47.6	50.5	40.3	38.5	**40.1**	4.4%	-2.0%	0.1%
Croatia	11.4	12.8	12.0	13.6	12.8	13.4	15.2	14.2	17.5	15.4	**14.5**	-5.1%	2.5%	†
Cyprus	4.5	4.9	5.0	5.0	5.1	4.8	5.1	5.3	5.3	5.8	**5.9**	2.5%	2.7%	†
Czech Republic	83.9	83.3	87.0	88.0	87.0	81.5	85.0	84.7	76.9	73.9	**76.3**	3.5%	-1.0%	0.2%
Denmark	28.9	30.5	31.0	30.4	29.5	28.7	33.1	35.3	34.1	35.3	**34.0**	-3.6%	1.6%	0.1%
Estonia	10.4	12.2	13.2	12.4	7.6	6.1	7.2	8.9	5.7	6.4	**6.5**	3.0%	-4.5%	†
Finland	68.6	68.8	67.5	70.3	68.7	69.3	72.1	72.2	81.5	83.2	**83.0**	0.1%	1.9%	0.3%
France	572.1	556.7	553.8	574.8	563.3	524.9	547.7	467.2	516.6	562.0	**571.8**	2.0%	†	1.8%
Germany	648.9	651.1	654.3	643.5	610.3	576.8	592.8	578.9	511.3	503.2	**507.5**	1.1%	-2.4%	1.6%
Greece	51.9	54.4	55.3	53.3	48.6	48.3	54.7	52.7	49.9	57.9	**57.6**	-0.3%	1.0%	0.2%
Hungary	30.4	31.9	32.9	32.1	34.3	34.9	36.1	35.8	35.5	38.0	**39.3**	3.8%	2.6%	0.1%
Iceland	18.8	18.5	19.2	19.8	19.5	19.1	19.6	20.1	20.2	19.6	**18.8**	-3.8%	†	0.1%
Ireland	28.5	30.6	31.0	31.3	31.1	32.5	32.0	34.0	31.9	31.5	**32.0**	2.0%	1.2%	0.1%
Italy	283.0	289.8	295.8	289.7	293.9	280.5	289.1	284.0	264.7	271.0	**276.5**	2.3%	-0.2%	0.9%
Latvia	5.5	6.4	7.5	6.7	6.4	5.7	5.8	5.0	6.4	6.3	**6.3**	-0.3%	1.3%	†
Lithuania	4.9	4.3	4.2	3.5	4.0	5.5	5.1	4.8	6.0	8.1	**10.0**	24.1%	7.3%	†
Luxembourg	2.8	2.2	2.2	2.2	1.9	2.2	2.2	2.3	2.5	2.7	**2.1**	-24.7%	-2.9%	†
Netherlands	110.2	115.2	117.2	114.4	121.4	123.3	122.2	121.6	121.6	123.8	**135.1**	9.3%	2.1%	0.4%
North Macedonia	5.6	5.6	5.6	5.6	5.9	5.3	5.5	5.9	6.9	6.3	**7.3**	15.4%	2.5%	†
Norway	144.5	149.1	149.6	147.1	134.9	155.2	157.9	146.7	154.9	158.5	**163.0**	3.1%	1.2%	0.5%
Poland	164.9	166.6	170.5	170.0	164.0	158.0	179.6	179.7	167.4	172.5	**179.2**	4.2%	0.8%	0.6%
Portugal	52.4	60.3	59.4	59.6	53.2	53.1	51.0	48.8	49.0	51.1	**55.2**	8.3%	0.5%	0.2%
Romania	66.3	65.1	64.3	64.8	59.5	55.8	59.3	55.9	58.0	53.4	**51.9**	-2.4%	-2.4%	0.2%
Slovakia	26.9	27.1	27.7	27.0	28.4	28.8	30.0	26.8	29.9	30.1	**29.6**	-1.3%	1.0%	0.1%
Slovenia	15.1	16.5	16.3	16.3	16.1	17.2	15.9	13.6	15.9	17.0	**15.0**	-11.2%	†	†
Spain	281.0	274.6	275.6	274.5	267.5	263.4	274.3	292.5	285.9	287.9	**301.5**	5.0%	0.7%	0.9%
Sweden	162.1	156.1	164.3	163.4	168.4	163.8	171.8	173.1	166.1	172.4	**170.1**	-1.0%	0.5%	0.5%
Switzerland	67.9	63.3	63.3	67.6	71.9	70.3	65.0	64.5	72.7	81.1	**67.7**	-16.2%	†	0.2%
Türkiye	261.8	274.4	297.3	304.8	303.9	306.7	334.7	328.4	331.1	354.6	**369.4**	4.5%	3.5%	1.1%
Ukraine	163.7	164.6	156.0	159.9	154.1	147.8	156.5	111.5	103.9	98.5	**98.6**	0.4%	-4.9%	0.3%
United Kingdom	338.9	339.2	338.2	333.8	327.2	310.3	307.9	324.8	294.1	286.3	**290.6**	1.8%	-1.5%	0.9%
Other Europe	85.2	89.0	82.9	92.5	87.6	87.1	94.8	89.8	97.6	92.7	**89.1**	-3.6%	0.4%	0.3%
Total Europe	**3985.6**	**4024.5**	**4063.9**	**4068.2**	**4000.1**	**3883.2**	**4048.3**	**3904.8**	**3820.1**	**3904.3**	**3956.0**	**1.6%**	**-0.1%**	**12.3%**
Azerbaijan	24.7	25.0	24.3	25.2	26.1	25.8	27.9	29.0	29.3	28.4	**28.7**	1.2%	1.5%	0.1%
Belarus	34.2	33.6	34.5	38.9	40.5	38.7	41.2	39.7	41.8	43.9	**43.8**	†	2.5%	0.1%
Kazakhstan	91.6	94.6	103.1	107.3	106.5	108.6	115.1	113.5	113.6	118.7	**124.4**	5.1%	3.1%	0.4%
Russian Federation	1067.5	1091.0	1091.2	1109.2	1118.1	1085.4	1157.1	1166.9	1178.2	1209.3	**1194.4**	-1.0%	1.1%	3.7%
Turkmenistan	21.5	22.6	22.8	24.2	22.5	25.8	28.4	32.6	33.5	33.5	**34.1**	2.0%	4.7%	0.1%
Uzbekistan	57.3	59.1	60.8	62.9	63.5	66.5	71.4	74.3	78.0	82.7	**86.0**	4.3%	4.2%	0.3%
Other CIS	44.0	43.5	46.3	48.6	49.2	49.1	50.2	49.8	51.0	52.8	**53.0**	0.7%	1.9%	0.2%
Total CIS	**1340.9**	**1369.3**	**1383.0**	**1416.4**	**1426.4**	**1400.0**	**1491.2**	**1505.8**	**1525.4**	**1569.3**	**1564.3**	**†**	**1.6%**	**4.9%**
Iran	280.2	286.1	305.2	312.4	318.9	337.2	356.4	367.1	382.0	395.8	**398.7**	1.0%	3.6%	1.2%
Iraq	75.3	86.3	93.6	99.0	115.2	116.8	118.1	131.3	147.1	144.6	**159.4**	10.6%	7.8%	0.5%
Israel	64.3	67.4	67.7	69.3	72.4	72.8	73.8	76.0	76.6	80.4	**83.3**	4.0%	2.6%	0.3%
Kuwait	68.3	70.1	72.8	74.2	75.1	74.8	80.8	83.5	88.0	89.5	**87.1**	-2.4%	2.5%	0.3%
Oman	32.8	34.2	36.1	37.7	38.8	38.3	41.0	42.5	45.0	49.1	**51.6**	5.3%	4.7%	0.2%
Qatar	41.5	42.3	45.6	47.9	49.9	49.3	51.6	54.6	56.3	58.7	**62.5**	6.8%	4.2%	0.2%
Saudi Arabia	350.6	357.7	395.0	374.8	378.5	380.9	392.9	409.8	433.2	458.4	**471.4**	3.1%	3.0%	1.5%
United Arab Emirates	127.4	129.6	134.6	136.0	138.5	137.3	149.1	155.4	167.5	179.3	**184.4**	3.2%	3.8%	0.6%
Other Middle East	93.9	93.0	95.7	104.8	109.9	103.8	100.9	98.3	99.8	100.7	**104.5**	4.0%	1.1%	0.3%
Total Middle East	**1134.4**	**1166.8**	**1246.2**	**1256.0**	**1297.2**	**1311.2**	**1364.6**	**1418.6**	**1495.6**	**1556.5**	**1603.0**	**3.3%**	**3.5%**	**5.0%**
Algeria	68.8	71.0	76.0	76.7	81.5	79.2	85.4	91.2	95.6	101.4	**103.5**	2.3%	4.2%	0.3%
Egypt	181.8	188.2	193.2	199.4	200.6	198.6	209.7	216.7	221.9	237.0	**242.4**	2.6%	2.9%	0.8%
Morocco	30.3	30.7	31.6	34.4	40.1	38.5	41.0	41.2	42.2	43.7	**45.9**	5.3%	4.2%	0.1%
South Africa	250.5	253.1	255.5	256.4	252.7	239.5	244.4	234.9	224.5	235.8	**231.1**	-1.7%	-0.8%	0.7%
Eastern Africa	98.7	97.2	103.6	108.8	110.9	110.8	117.1	123.5	125.7	129.9	**145.5**	12.3%	4.0%	0.5%
Middle Africa	34.1	34.7	36.0	39.8	42.1	43.5	44.1	44.4	46.4	48.2	**48.1**	†	3.5%	0.1%
Western Africa	64.3	69.2	71.5	74.2	82.0	87.8	94.9	95.8	101.5	103.7	**111.7**	8.1%	5.7%	0.3%
Other Northern Africa	57.2	51.3	53.9	55.2	56.7	51.1	56.7	56.5	55.0	55.2	**56.8**	3.2%	-0.1%	0.2%
Other Southern Africa	5.0	4.7	5.7	5.0	4.5	4.9	4.7	5.5	6.1	7.0	**6.0**	-13.6%	1.9%	†
Total Africa	**790.7**	**800.0**	**827.0**	**850.0**	**871.1**	**853.8**	**898.0**	**909.7**	**919.0**	**961.9**	**991.1**	**3.3%**	**2.3%**	**3.1%**
Australia	254.0	258.2	259.0	262.6	265.9	265.2	267.5	272.9	274.8	283.9	**285.9**	1.0%	1.2%	0.9%
Bangladesh	62.1	70.2	73.7	79.7	84.7	84.7	95.0	100.2	98.9	106.0	**107.2**	1.4%	5.6%	0.3%
China	5814.6	6133.2	6604.4	7166.1	7503.4	7779.1	8534.2	8848.7	9456.4	10086.9	**10575.3**	5.1%	6.2%	32.8%
China Hong Kong SAR	38.0	38.2	37.0	36.5	36.9	35.3	37.3	36.5	38.0	39.1	**37.0**	-4.9%	-0.2%	0.1%
India	1310.6	1394.9	1462.4	1571.7	1611.2	1571.0	1683.3	1806.1	1926.0	2036.6	**2055.4**	1.2%	4.6%	6.4%
Indonesia	234.0	247.9	254.7	283.8	295.4	291.8	309.1	333.5	350.6	371.6	**382.7**	3.3%	5.0%	1.2%
Japan	1030.1	1063.7	1076.3	1082.9	1047.3	1010.8	1034.7	1040.5	1006.7	1015.0	**1027.4**	1.5%	†	3.2%
Malaysia	150.1	156.7	160.6	170.6	178.5	174.0	178.6	192.5	202.8	211.2	**210.4**	-0.1%	3.4%	0.7%
New Zealand	44.7	44.2	44.6	44.7	45.2	44.6	44.6	44.7	44.6	45.2	**45.2**	0.3%	0.1%	0.1%
Pakistan	110.5	115.9	127.3	137.2	138.7	138.2	152.8	153.8	148.5	151.3	**169.7**	12.5%	4.4%	0.5%
Philippines	82.4	90.8	94.4	101.1	107.5	103.3	107.8	113.3	119.9	129.1	**129.3**	0.4%	4.6%	0.4%
Singapore	50.3	51.6	52.2	52.9	54.1	53.1	55.8	57.1	57.4	59.6	**60.4**	1.6%	1.8%	0.2%
South Korea	547.8	561.0	576.4	592.9	586.8	577.1	607.8	622.6	621.0	627.8	**627.8**	0.3%	1.4%	1.9%
Sri Lanka	13.2	14.4	15.0	16.2	16.8	16.9	17.9	16.8	16.3	18.2	**19.6**	8.0%	4.0%	0.1%
Taiwan	258.1	264.1	270.3	275.5	274.1	280.2	291.4	288.4	282.8	289.1	**288.9**	0.2%	1.1%	0.9%
Thailand	184.4	187.6	185.5	187.4	197.3	185.6	186.7	191.3	205.2	217.3	**200.5**	-7.5%	0.8%	0.6%
Vietnam	161.9	179.2	194.7	217.2	236.9	244.4	255.0	267.3	282.0	310.6	**329.0**	6.2%	7.3%	1.0%
Other Asia Pacific	93.6	112.2	122.9	130.6	132.6	144.5	152.4	161.6	168.4	177.2	**185.6**	5.0%	7.1%	0.6%
Total Asia Pacific	**10440.5**	**10983.9**	**11611.5**	**12409.7**	**12813.4**	**12999.8**	**14011.8**	**14548.0**	**15300.4**	**16175.5**	**16737.3**	**3.8%**	**4.8%**	**52.0%**
Total World	**24326.0**	**24994.9**	**25742.6**	**26780.9**	**27161.3**	**27060.7**	**28595.1**	**29254.3**	**30049.4**	**31347.1**	**32201.9**	**3.0%**	**2.8%**	**100.0%**
of which: OECD	11034.9	11137.7	11185.9	11369.8	11242.7	10970.0	11289.4	11388.4	11236.3	11515.0	**11740.2**	2.2%	0.6%	36.5%
Non-OECD	13291.1	13857.1	14556.7	15411.1	15918.5	16090.7	17305.7	17865.9	18813.1	19832.1	**20461.7**	3.5%	4.4%	63.5%
European Union	2900.5	2921.7	2953.3	2939.2	2897.2	2783.5	2908.6	2815.3	2740.9	2808.9	**2853.8**	1.9%	-0.2%	8.9%

* Based on gross output.
† Less than 0.05%.
Notes: Annual changes and shares of total are calculated using terawatt-hours figures.
Growth rates are adjusted for leap years.

Electricity Generation by fuel*

Terawatt-hours	2024 Oil	Natural gas	Coal	Nuclear energy	Hydro-electricity	Renew-ables	Other‡	Total	2025 Oil	Natural Gas	Coal	Nuclear energy	Hydro-electric	Renew-ables	Other‡	Total
Canada	7.2	120.6	16.3	85.0	346.9	65.7	0.8	**642.6**	7.7	129.4	17.4	84.8	348.5	71.6	0.8	**660.2**
Mexico	9.5	275.5	14.0	12.3	24.0	52.5	0.2	**388.1**	9.4	272.9	12.9	10.1	29.3	54.8	0.2	**389.7**
US	16.2	2010.6	712.9	823.0	239.4	828.4	8.4	**4639.0**	20.7	1943.4	804.1	826.1	244.1	926.9	6.8	**4772.2**
Total North America	**32.9**	**2406.8**	**743.3**	**920.3**	**610.4**	**946.6**	**9.5**	**5669.7**	**37.8**	**2345.7**	**834.5**	**921.0**	**621.9**	**1053.4**	**7.9**	**5822.1**
Argentina	5.8	82.9	1.3	10.4	29.5	22.8	0.5	**153.2**	3.0	85.9	1.4	10.8	25.0	26.9	0.5	**153.3**
Brazil	9.4	47.8	14.1	15.8	421.8	239.8	2.7	**751.3**	6.7	59.4	15.6	15.8	397.9	265.4	2.8	**763.7**
Other S. & Cent. America	72.9	116.9	36.7	–	293.0	85.9	^	**605.5**	64.2	106.7	33.0	–	311.8	95.3	–	**611.0**
Total S. & Cent. America	**88.1**	**247.6**	**52.2**	**26.2**	**744.3**	**348.4**	**3.2**	**1510.0**	**73.9**	**252.0**	**50.0**	**26.6**	**734.7**	**387.7**	**3.3**	**1528.1**
France	1.9	18.4	0.7	380.5	70.4	81.5	8.6	**562.0**	1.7	17.4	0.7	390.1	57.6	92.8	11.4	**571.8**
Germany	4.3	81.6	105.8	–	22.5	265.6	23.4	**503.2**	4.1	86.3	103.8	–	16.9	273.3	23.2	**507.5**
Italy	10.0	118.6	4.8	–	53.1	81.4	3.1	**271.0**	2.2	132.0	4.1	–	41.4	93.5	3.3	**276.5**
Netherlands	1.4	44.3	10.1	3.6	0.1	62.0	2.4	**123.8**	1.4	49.5	12.6	4.0	0.1	65.7	1.8	**135.1**
Poland	2.2	20.5	95.4	–	2.1	50.6	1.7	**172.5**	2.3	25.6	91.6	–	1.5	56.3	1.9	**179.2**
Spain	9.1	52.3	3.5	54.5	34.4	126.5	7.6	**287.9**	10.3	63.1	1.8	54.2	33.7	130.7	7.6	**301.5**
Türkiye	0.3	67.0	123.0	–	74.9	88.2	1.3	**354.6**	0.8	83.7	121.9	–	57.4	104.4	1.3	**369.4**
Ukraine	0.8	9.3	15.0	53.0	10.8	7.8	1.7	**98.5**	0.8	9.4	14.2	54.1	10.8	7.6	1.7	**98.6**
United Kingdom	1.7	87.4	2.0	40.6	5.8	138.5	10.1	**286.3**	1.5	91.6	–	35.9	5.1	147.4	9.2	**290.6**
Other Europe	17.1	107.8	108.7	234.0	419.6	328.1	29.1	**1244.5**	16.2	119.3	101.0	221.2	394.1	344.7	29.5	**1226.0**
Total Europe	**48.9**	**607.2**	**469.1**	**766.1**	**693.7**	**1230.1**	**89.1**	**3904.3**	**41.5**	**677.7**	**451.7**	**759.4**	**618.6**	**1316.4**	**90.7**	**3956.0**
Kazakhstan	0.5	31.1	69.4	–	11.3	6.3	–	**118.7**	0.5	33.7	72.5	–	10.4	7.2	–	**124.4**
Russian Federation	9.0	553.5	207.0	215.7	210.5	8.3	5.2	**1209.3**	6.9	545.0	211.2	218.6	200.0	7.6	5.2	**1194.4**
Other CIS	2.7	154.8	9.3	18.5	47.4	8.0	0.6	**241.3**	2.8	150.0	9.6	19.9	47.8	14.9	0.6	**245.5**
Total CIS	**12.2**	**739.4**	**285.7**	**234.2**	**269.3**	**22.6**	**5.8**	**1569.3**	**10.2**	**728.6**	**293.3**	**238.5**	**258.2**	**29.7**	**5.7**	**1564.3**
Iran	81.0	286.0	0.7	7.0	18.9	2.2	–	**395.8**	85.0	292.2	0.7	5.4	12.0	3.4	–	**398.7**
Saudi Arabia	165.3	282.1	–	–	–	11.1	–	**458.4**	151.2	300.4	–	–	–	19.8	–	**471.4**
United Arab Emirates	^	124.3	–	39.0	–	15.3	0.6	**179.3**	^	125.5	–	39.1	–	19.2	0.7	**184.4**
Other Middle East	128.3	348.5	15.3	–	4.8	25.9	0.2	**523.0**	138.9	359.6	11.8	–	3.9	34.0	0.2	**548.5**
Total Middle East	**374.6**	**1040.8**	**16.0**	**46.0**	**23.7**	**54.5**	**0.8**	**1556.5**	**375.2**	**1077.7**	**12.5**	**44.4**	**15.9**	**76.4**	**0.9**	**1603.0**
Egypt	24.0	185.1	–	–	15.5	12.4	–	**237.0**	23.9	184.4	–	–	14.8	19.3	–	**242.4**
South Africa	1.8	^	191.3	8.2	1.1	28.8	4.6	**235.8**	1.9	^	182.0	10.7	1.8	30.1	4.5	**231.1**
Other Africa	43.1	215.6	43.0	–	154.9	31.9	0.6	**489.1**	48.2	219.5	43.3	–	172.0	34.0	0.6	**517.6**
Total Africa	**68.9**	**400.8**	**234.4**	**8.2**	**171.4**	**73.1**	**5.2**	**961.9**	**74.0**	**403.9**	**225.3**	**10.7**	**188.6**	**83.4**	**5.1**	**991.1**
Australia	4.9	48.8	127.8	–	13.3	88.2	0.9	**283.9**	4.4	44.2	122.7	–	12.6	101.1	0.9	**285.9**
China	8.7	320.7	5836.4	450.9	1363.8	1960.3	146.1	**10086.9**	8.8	337.6	5755.9	485.2	1392.2	2437.8	157.7	**10575.3**
India	12.0	56.6	1513.5	54.7	156.7	241.7	1.4	**2036.6**	11.6	47.8	1464.2	53.8	178.2	298.3	1.5	**2055.4**
Indonesia	7.1	67.1	228.4	–	27.3	39.9	1.7	**371.6**	7.9	67.5	233.4	–	31.9	40.3	1.7	**382.7**
Japan	22.7	318.5	300.6	84.9	79.5	151.4	57.4	**1015.0**	22.5	308.8	300.3	94.1	74.3	171.2	56.2	**1027.4**
Malaysia	1.5	75.2	89.5	–	33.7	8.1	3.2	**211.2**	2.0	70.4	94.4	–	34.6	8.3	0.7	**210.4**
South Korea	6.3	178.0	184.0	188.8	4.3	61.4	5.1	**627.8**	6.2	173.7	192.7	184.7	3.8	61.8	4.8	**627.8**
Taiwan	4.2	122.5	113.3	12.2	4.2	27.8	4.9	**289.1**	4.4	138.2	102.2	3.2	5.5	30.4	5.0	**288.9**
Thailand	0.3	136.4	33.3	–	6.6	40.8	–	**217.3**	0.1	123.3	33.6	–	7.8	35.6	–	**200.5**
Vietnam	0.2	21.8	152.8	–	88.7	46.7	0.4	**310.6**	0.2	19.7	157.2	–	101.8	49.7	0.4	**329.0**
Other Asia Pacific	31.8	231.1	189.6	22.8	182.3	67.1	0.9	**725.5**	30.3	224.8	187.1	23.6	198.6	88.5	1.2	**754.1**
Total Asia Pacific	**99.6**	**1576.7**	**8769.1**	**814.2**	**1960.4**	**2733.4**	**222.1**	**16175.5**	**98.4**	**1556.0**	**8643.7**	**844.7**	**2041.3**	**3323.1**	**230.2**	**16737.3**
Total World	**725.2**	**7019.3**	**10569.7**	**2815.3**	**4473.1**	**5408.7**	**335.8**	**31347.1**	**710.9**	**7041.6**	**10511.0**	**2845.4**	**4479.2**	**6270.1**	**343.8**	**32201.9**
of which: OECD	112.2	3623.5	1786.7	1880.4	1442.2	2510.7	159.3	**11515.0**	107.5	3609.9	1857.9	1878.8	1389.2	2739.1	157.9	**11740.2**
Non-OECD	613.0	3395.8	8783.0	934.9	3030.9	2898.0	176.5	**19832.1**	603.4	3431.7	8653.1	966.6	3089.9	3531.0	186.0	**20461.7**
European Union	43.3	435.2	286.0	649.5	367.5	959.6	67.8	**2808.9**	35.5	484.8	274.8	651.1	320.8	1016.6	70.1	**2853.8**

* Based on gross output.
‡ Includes uncategorised generation, statistical differences and sources not specified elsewhere eg pumped hydro, non-renewable waste and heat from chemical sources.
^ Less than 0.05.

Electricity Data centre power demand*

Terawatt-hours	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2020–25	Share 2025
US	172.8	186.3	206.0	232.5	249.0	**312.6**	25.5%	12.6%	39.7%
Other North America	13.2	14.3	16.5	18.4	5.5	**6.2**	13.6%	-13.9%	0.8%
Total North America	**186.0**	**200.6**	**222.5**	**250.9**	**254.5**	**318.8**	**25.3%**	**11.4%**	**40.5%**
Total S. & Cent. America	**15.3**	**16.4**	**17.9**	**20.2**	**22.8**	**25.6**	**12.5%**	**10.9%**	**3.3%**
Total Europe	**84.5**	**99.5**	**103.3**	**109.7**	**131.0**	**144.6**	**10.4%**	**11.4%**	**18.4%**
Total Middle East and Africa	**6.8**	**8.3**	**9.0**	**21.7**	**25.7**	**29.9**	**16.5%**	**34.5%**	**3.8%**
China	86.9	94.4	103.0	131.7	171.0	**205.7**	20.3%	18.8%	26.1%
Other Asia Pacific	31.4	34.6	38.7	44.0	53.2	**63.2**	18.6%	15.0%	8.0%
Total Asia Pacific	**118.3**	**129.0**	**141.7**	**175.8**	**224.2**	**268.9**	**19.9%**	**17.8%**	**34.1%**
Total World	**410.8**	**453.7**	**494.4**	**578.4**	**658.2**	**787.8**	**19.7%**	**13.9%**	**100.0%**

Source: S&P Global Energy, ©2026 by S&P Global Inc.
* Installed-base view of the total data centre capacity across 47 countries, the data excludes server rooms/closets/micro DCS/Telco hubs.

Electricity Grid-scale battery energy storage systems (BESS)

												Growth rate per annum		Share
Megawatts	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	2025	2015–25	2025
Canada	11	21	45	107	153	278	405	510	703	978	**1327**	35.7%	61.5%	0.1%
Behind-the-meter	2	4	20	52	95	194	280	335	398	462	**786**	96.7%	85.7%	0.3%
Front-of-the-meter	9	17	25	56	59	84	125	175	305	516	**541**	52.3%	56.1%	0.3%
United States	354	612	924	1358	1958	3223	7653	13492	22072	34658	**56613**	63.3%	66.1%	18.7%
Behind-the-meter	66	129	214	418	773	1453	2451	3994	5569	6951	**13319**	91.6%	70.0%	4.4%
Front-of-the-meter	287	482	709	940	1185	1770	5202	9498	16503	27707	**43294**	56.3%	65.1%	14.3%
Total North America	**365**	**633**	**968**	**1466**	**2112**	**3501**	**8057**	**14002**	**22776**	**35636**	**57940**	**62.6%**	**66.0%**	**4.8%**
Chile	^	1	1	4	9	24	142	160	376	767	**2032**	164.9%	152.6%	0.7%
Behind-the-meter	^	1	1	4	9	14	22	31	37	43	**54**	25.9%	75.7%	†
Front-of-the-meter	–	–	–	–	–	10	120	128	339	724	**1978**	173.1%	–	0.7%
Rest of S. & Cent. America	19	107	173	233	312	366	474	648	836	1042	**2149**	106.1%	60.5%	0.7%
Behind-the-meter	10	13	18	35	72	125	212	332	426	574	**937**	63.3%	56.9%	0.3%
Front-of-the-meter	9	94	155	198	240	240	262	316	410	468	**1212**	158.6%	64.0%	0.4%
Total S. & Cent. America	**19**	**107**	**174**	**237**	**321**	**389**	**616**	**808**	**1212**	**1810**	**4181**	**131.0%**	**71.4%**	**1.4%**
Germany	213	472	736	1279	1759	2432	3453	5090	9182	13348	**17544**	31.4%	55.4%	5.8%
Behind-the-meter	174	301	501	841	1218	1784	2739	3981	7555	11173	**14402**	28.9%	55.5%	4.8%
Front-of-the-meter	39	171	235	438	541	649	714	1109	1626	2175	**3142**	44.5%	55.2%	1.0%
Italy	60	77	98	150	187	263	664	2473	4999	7542	**9236**	22.5%	65.4%	3.1%
Behind-the-meter	8	21	41	82	118	184	579	2385	4641	6336	**7278**	14.9%	98.6%	2.4%
Front-of-the-meter	52	56	57	68	68	78	86	88	358	1207	**1958**	62.2%	43.6%	0.6%
United Kingdom	30	54	306	869	1298	1487	2083	3518	5468	6820	**8973**	31.6%	76.6%	3.0%
Behind-the-meter	19	38	76	140	215	274	413	1001	1374	1752	**2255**	28.7%	60.9%	0.7%
Front-of-the-meter	11	16	230	729	1083	1213	1670	2517	4094	5068	**6718**	32.6%	89.9%	2.2%
Spain	23	27	43	75	98	156	439	1301	1608	1877	**2510**	33.8%	60.1%	0.8%
Behind-the-meter	5	10	20	32	49	82	345	1191	1489	1758	**2167**	23.3%	82.1%	0.7%
Front-of-the-meter	17	17	23	43	49	74	94	110	119	119	**344**	189.8%	34.8%	0.1%
Netherlands	8	24	39	51	89	107	205	428	624	955	**2236**	134.1%	74.9%	0.7%
Behind-the-meter	5	10	19	26	35	43	128	271	404	606	**1335**	120.2%	73.7%	0.4%
Front-of-the-meter	3	14	21	25	54	64	77	157	221	349	**901**	158.4%	76.9%	0.3%
Sweden	^	^	1	2	10	12	71	154	395	1205	**1845**	53.1%	159.5%	0.6%
Behind-the-meter	^	^	^	1	3	5	41	107	300	551	**827**	49.9%	139.4%	0.3%
Front-of-the-meter	–	–	^	1	6	7	30	47	95	654	**1019**	55.8%	–	0.3%
France	50	74	142	187	222	276	335	547	742	1045	**1726**	65.2%	42.4%	0.6%
Behind-the-meter	4	7	10	15	25	40	69	103	137	180	**298**	65.7%	54.6%	0.1%
Front-of-the-meter	47	67	132	172	197	237	267	443	605	865	**1428**	65.1%	40.8%	0.5%
Austria	3	5	11	29	44	79	150	276	650	1125	**1637**	45.5%	90.2%	0.5%
Behind-the-meter	3	5	8	16	28	58	129	250	614	1054	**1452**	37.7%	87.9%	0.5%
Front-of-the-meter	–	–	3	13	15	21	21	26	36	71	**186**	160.6%	–	0.1%
Belgium	^	^	5	26	34	52	127	451	713	910	**1369**	50.5%	159.8%	0.5%
Behind-the-meter	^	^	^	3	11	27	92	351	608	734	**965**	31.5%	150.9%	0.3%
Front-of-the-meter	–	–	5	23	23	25	35	100	105	176	**404**	129.8%	56.5%	0.1%
Ireland	–	10	11	13	15	89	449	624	899	1052	**1240**	17.8%	61.8%	0.4%
Behind-the-meter	–	^	1	3	5	8	14	18	25	33	**71**	112.2%	93.2%	†
Front-of-the-meter	–	10	10	10	10	81	435	606	874	1019	**1169**	14.7%	61.0%	0.4%
Rest of Europe	93	134	190	306	391	590	857	1525	2947	4585	**9369**	104.3%	58.6%	3.1%
Behind-the-meter	36	62	98	152	210	297	501	892	1926	2862	**4533**	58.4%	62.1%	1.5%
Front-of-the-meter	57	72	92	153	181	293	356	634	1022	1723	**4836**	180.7%	55.9%	1.6%
Total Europe	**481**	**878**	**1581**	**2987**	**4147**	**5544**	**8835**	**16388**	**28227**	**40464**	**57686**	**42.6%**	**61.4%**	**19.1%**
Saudi Arabia	^	^	^	^	^	1	5	12	21	35	**2075**	5805.5%	215.9%	0.7%
Behind-the-meter	^	^	^	^	^	1	5	12	21	35	**63**	80.6%	122.9%	†
Front-of-the-meter	–	–	–	–	–	–	–	–	–	–	**2012**	–	–	0.7%
Rest of Middle East	32	45	46	112	143	161	187	209	874	985	**1372**	39.3%	45.7%	0.5%
Behind-the-meter	3	4	5	10	18	32	56	78	119	180	**453**	151.3%	66.6%	0.2%
Front-of-the-meter	29	41	41	102	125	129	130	130	754	804	**918**	14.2%	41.3%	0.3%
Total Middle East	**32**	**45**	**46**	**113**	**143**	**162**	**192**	**220**	**894**	**1020**	**3447**	**238.0%**	**59.8%**	**1.1%**
South Africa	1	5	8	12	27	58	162	481	894	1383	**1640**	18.6%	103.2%	0.5%
Behind-the-meter	1	5	8	12	22	53	156	474	867	1083	**1340**	23.8%	99.1%	0.4%
Front-of-the-meter	–	–	–	–	5	5	6	7	27	300	**300**	†	79.5%	0.1%
Rest of Africa	5	8	15	24	53	95	183	315	504	839	**1668**	98.9%	80.6%	0.6%
Behind-the-meter	4	7	10	14	37	62	84	111	156	225	**677**	200.8%	66.2%	0.2%
Front-of-the-meter	^	1	5	10	16	33	99	204	348	614	**992**	61.6%	124.9%	0.3%
Total Africa	**6**	**13**	**24**	**36**	**80**	**153**	**345**	**796**	**1399**	**2221**	**3308**	**48.9%**	**88.4%**	**1.1%**
China	115	197	293	872	1375	2448	3837	11306	37284	79488	**144065**	81.2%	104.0%	47.7%
Behind-the-meter	25	45	87	163	217	284	351	874	2695	6276	**10392**	65.6%	82.6%	3.4%
Front-of-the-meter	90	152	206	710	1158	2164	3486	10432	34589	73211	**133673**	82.6%	107.5%	44.2%
Australia	17	54	208	432	632	906	1577	2169	3823	6590	**12568**	90.7%	93.5%	4.2%
Behind-the-meter	13	47	95	170	308	500	809	1242	1734	2267	**6205**	173.7%	85.2%	2.1%
Front-of-the-meter	4	7	113	262	324	406	768	927	2089	4323	**6363**	47.2%	109.0%	2.1%
Japan	614	967	1313	1765	2292	2916	3501	4179	5199	6252	**7501**	20.0%	28.4%	2.5%
Behind-the-meter	546	758	1003	1386	1823	2290	2825	3425	4137	4955	**5966**	20.4%	27.0%	2.0%
Front-of-the-meter	68	209	310	379	469	626	676	754	1062	1297	**1535**	18.4%	36.6%	0.5%
South Korea	179	414	863	1782	2137	2332	2450	2522	2686	3734	**3972**	6.4%	36.3%	1.3%
Behind-the-meter	7	13	206	613	704	783	801	821	844	872	**944**	8.3%	63.3%	0.3%
Front-of-the-meter	172	401	657	1169	1433	1549	1649	1701	1842	2862	**3028**	5.8%	33.2%	1.0%
Taiwan	^	^	^	2	2	7	34	190	794	1320	**1733**	31.3%	190.9%	0.6%
Behind-the-meter	^	^	^	^	^	1	12	36	65	97	**141**	45.5%	126.4%	†
Front-of-the-meter	–	–	^	2	2	7	21	153	728	1223	**1592**	30.2%	–	0.5%
Philippines	^	20	20	22	26	30	331	525	1430	1529	**1711**	11.9%	189.5%	0.6%
Behind-the-meter	^	^	^	^	1	2	3	7	12	17	**24**	40.3%	89.1%	†
Front-of-the-meter	–	20	20	22	26	29	328	518	1418	1512	**1687**	11.5%	–	0.6%
Rest of Asia-Pacific	78	106	142	200	239	312	405	802	1240	1959	**3615**	84.5%	46.8%	1.2%
Behind-the-meter	27	50	72	99	119	145	194	253	325	477	**988**	107.1%	43.4%	0.3%
Front-of-the-meter	51	55	71	100	120	167	212	549	915	1482	**2626**	77.2%	48.3%	0.9%
Total Asia-Pacific	**1004**	**1758**	**2840**	**5076**	**6705**	**8951**	**12135**	**21692**	**52455**	**100873**	**175165**	**73.6%**	**67.6%**	**58.0%**
Grand Total	**1906**	**3434**	**5633**	**9914**	**13508**	**18701**	**30181**	**53907**	**106962**	**182024**	**301728**	**65.8%**	**65.9%**	**100.0%**

Source: S&P Global Energy, ©2026 by S&P Global Inc.
Countries where combined battery capacity is less than 1000MWe are not itemised.
Includes Li-ion, Na-ion, flow and other batteries.
^ Less than 0.5.
† Less than 0.05%.

Hydroelectricity Generation*

												Growth rate per annum		Share
Terawatt-hours	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	2025	2015–25	2025
Canada	382.2	385.4	394.6	385.9	381.8	386.5	382.4	397.7	360.8	346.9	**348.5**	0.7%	-0.9%	7.8%
Mexico	31.6	31.5	32.0	32.6	23.8	27.1	35.0	35.9	20.8	24.0	**29.3**	22.2%	-0.8%	0.7%
US	246.5	263.8	296.8	289.5	285.5	282.8	249.0	251.3	241.4	239.4	**244.1**	2.2%	-0.1%	5.5%
Total North America	**660.3**	**680.7**	**723.4**	**708.0**	**691.1**	**696.4**	**666.4**	**684.9**	**623.0**	**610.4**	**621.9**	**2.2%**	**-0.6%**	**13.9%**
Argentina	32.3	29.8	31.6	32.3	27.5	23.7	19.6	22.8	31.5	29.5	**25.0**	-15.1%	-2.6%	0.6%
Brazil	359.7	380.9	370.9	389.0	397.9	396.4	362.8	427.1	426.0	421.8	**397.9**	-5.4%	1.0%	8.9%
Chile	23.6	19.7	21.3	23.4	21.4	21.7	18.1	20.4	23.4	26.8	**20.6**	-23.0%	-1.4%	0.5%
Colombia	44.7	46.8	57.3	56.7	54.4	49.8	60.5	64.3	59.8	54.5	**68.1**	25.3%	4.3%	1.5%
Ecuador	13.1	15.8	20.1	20.7	24.6	24.3	25.6	24.6	25.3	22.6	**28.1**	24.7%	7.9%	0.6%
Peru	23.7	24.1	29.1	30.7	31.5	30.5	31.9	29.7	29.1	32.0	**34.0**	6.4%	3.7%	0.8%
Trinidad & Tobago	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Venezuela	74.7	63.0	70.0	65.3	62.8	67.2	67.8	68.5	72.6	72.8	**72.6**	†	-0.3%	1.6%
Central America	22.5	22.8	27.1	26.8	21.7	26.8	29.7	31.3	25.4	28.4	**30.6**	7.8%	3.1%	0.7%
Other Caribbean	1.4	1.9	2.7	2.4	1.6	1.8	2.0	2.0	1.6	1.9	**1.9**	-1.0%	3.4%	†
Other South America	67.4	74.6	70.9	69.9	62.2	54.8	50.8	54.2	60.3	53.8	**55.9**	4.1%	-1.9%	1.2%
Total S. & Cent. America	**663.2**	**679.4**	**701.1**	**717.1**	**705.6**	**697.0**	**668.8**	**745.0**	**755.2**	**744.3**	**734.7**	**-1.0%**	**1.0%**	**16.4%**
Austria	37.2	40.0	38.3	37.6	40.8	42.0	38.9	34.6	40.7	45.7	**36.8**	-19.3%	-0.1%	0.8%
Belgium	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.5	**0.4**	-31.8%	1.5%	†
Bulgaria	5.7	3.9	2.8	5.1	2.9	2.8	4.8	3.8	3.1	2.8	**2.8**	0.1%	-6.8%	0.1%
Croatia	6.4	6.9	5.3	7.7	5.8	5.7	7.1	5.5	8.2	6.7	**5.5**	-17.8%	-1.5%	0.1%
Cyprus	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Czech Republic	1.8	2.0	1.9	1.6	2.0	2.2	2.4	2.1	2.4	2.7	**1.6**	-39.9%	-1.2%	†
Denmark	^	^	^	^	^	^	^	^	^	^	**^**	-65.3%	-8.0%	†
Estonia	^	^	^	^	^	^	^	^	^	^	**^**	23.5%	3.2%	†
Finland	16.8	15.8	14.8	13.3	12.4	15.9	15.8	13.5	15.2	14.3	**12.4**	-12.7%	-2.9%	0.3%
France	54.6	59.9	49.0	63.9	56.0	61.6	58.6	44.2	55.0	70.4	**57.6**	-17.9%	0.5%	1.3%
Germany	19.0	20.5	20.2	18.1	20.1	18.7	19.7	17.6	19.9	22.5	**16.9**	-24.6%	-1.2%	0.4%
Greece	6.1	5.5	4.0	5.7	4.0	3.3	5.9	3.9	3.8	3.6	**3.5**	-3.3%	-5.5%	0.1%
Hungary	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	**0.2**	6.3%	0.5%	†
Iceland	13.8	13.5	14.1	13.8	13.5	13.2	13.8	14.2	14.2	13.6	**13.2**	-3.0%	-0.5%	0.3%
Ireland	0.8	0.7	0.7	0.7	0.9	0.9	0.7	0.7	0.9	0.8	**0.7**	-14.6%	-2.1%	†
Italy	45.5	42.4	36.2	48.8	46.4	47.6	45.4	28.4	40.5	53.1	**41.4**	-21.8%	-0.9%	0.9%
Latvia	1.9	2.5	4.4	2.4	2.1	2.6	2.7	2.7	3.8	3.2	**3.0**	-7.6%	4.7%	0.1%
Lithuania	0.3	0.5	0.6	0.4	0.3	0.3	0.4	0.5	0.5	0.4	**0.3**	-25.8%	-0.8%	†
Luxembourg	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	**0.1**	-29.1%	-2.8%	†
Netherlands	0.1	0.1	0.1	0.1	0.1	^	0.1	^	0.1	0.1	**0.1**	-33.1%	-4.7%	†
North Macedonia	1.9	1.9	1.1	1.8	1.2	1.3	1.5	1.3	1.6	1.4	**1.3**	-6.9%	-3.8%	†
Norway	137.3	142.8	142.4	139.0	125.3	140.9	144.0	128.2	136.7	139.5	**145.1**	4.3%	0.6%	3.2%
Poland	1.8	2.1	2.6	2.0	2.0	2.1	2.3	2.0	2.4	2.1	**1.5**	-27.6%	-1.8%	†
Portugal	8.7	15.7	5.9	12.4	8.8	12.1	11.9	6.5	12.0	14.9	**14.9**	0.1%	5.6%	0.3%
Romania	16.6	18.0	14.5	17.7	15.6	15.4	17.4	14.0	18.1	14.2	**12.1**	-14.3%	-3.1%	0.3%
Slovakia	3.9	4.4	4.3	3.6	4.4	4.5	4.3	3.7	4.7	4.8	**3.0**	-38.6%	-2.6%	0.1%
Slovenia	3.8	4.5	3.9	4.7	4.5	4.9	4.7	3.1	5.0	5.3	**4.0**	-25.0%	0.5%	0.1%
Spain	28.1	36.4	18.3	34.3	22.5	30.5	29.6	17.6	25.0	34.4	**33.7**	-1.7%	1.8%	0.8%
Sweden	75.3	62.1	65.1	62.1	65.3	72.3	73.8	69.8	66.1	64.5	**68.3**	6.2%	-1.0%	1.5%
Switzerland	38.3	34.6	34.1	34.6	37.6	36.2	35.4	27.9	35.4	43.5	**32.3**	-25.6%	-1.7%	0.7%
Türkiye	67.1	67.2	58.2	59.9	88.8	78.1	55.9	66.8	64.0	74.9	**57.4**	-23.0%	-1.5%	1.3%
Ukraine	5.4	7.7	8.9	10.4	6.5	7.6	10.4	11.0	12.7	10.8	**10.8**	†	7.1%	0.2%
United Kingdom	6.3	5.4	5.9	5.4	5.9	6.9	5.4	5.1	5.5	5.8	**5.1**	-12.0%	-2.1%	0.1%
Other Europe	32.3	35.7	28.6	38.7	32.2	29.6	40.2	33.6	42.1	36.7	**32.7**	-10.7%	0.1%	0.7%
Total Europe	**637.4**	**653.5**	**586.5**	**646.8**	**628.6**	**659.9**	**653.9**	**563.0**	**640.3**	**693.7**	**618.6**	**-10.6%**	**-0.3%**	**13.8%**
Azerbaijan	1.6	2.0	1.7	1.8	1.6	1.1	1.3	1.6	1.8	2.9	**2.8**	-2.2%	5.7%	0.1%
Belarus	0.1	0.1	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.3	**0.4**	22.3%	13.5%	†
Kazakhstan	9.3	11.6	11.2	10.4	10.0	9.7	9.2	9.2	8.8	11.3	**10.4**	-7.2%	1.2%	0.2%
Russian Federation	168.0	184.6	185.2	190.6	194.4	212.4	214.5	197.7	200.9	210.5	**200.0**	-4.8%	1.8%	4.5%
Turkmenistan	^	^	^	^	^	^	^	^	^	^	**^**	–	†	†
Uzbekistan	6.0	6.9	7.9	5.9	6.5	5.0	5.0	5.3	7.0	8.2	**6.3**	-22.8%	0.5%	0.1%
Other CIS	30.4	30.7	33.9	35.3	35.7	34.1	34.4	34.1	34.6	36.0	**38.3**	6.6%	2.3%	0.9%
Total CIS	**215.4**	**235.9**	**240.3**	**244.3**	**248.5**	**262.7**	**264.8**	**248.2**	**253.3**	**269.3**	**258.2**	**-3.8%**	**1.8%**	**5.8%**
Iran	13.3	15.4	17.2	9.8	33.9	23.2	13.8	14.0	22.8	18.9	**12.0**	-36.5%	-1.0%	0.3%
Iraq	2.5	3.4	2.2	1.8	5.0	4.2	3.3	2.7	1.4	3.5	**2.5**	-29.2%	-0.3%	0.1%
Israel	^	^	^	^	^	^	^	^	^	^	**^**	-11.7%	-2.8%	†
Kuwait	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Oman	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Qatar	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
United Arab Emirates	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Other Middle East	0.9	1.4	1.2	1.1	1.7	1.6	1.4	1.5	1.3	1.3	**1.4**	10.5%	4.4%	†
Total Middle East	**16.8**	**20.2**	**20.6**	**12.8**	**40.6**	**29.0**	**18.6**	**18.1**	**25.5**	**23.7**	**15.9**	**-32.8%**	**-0.5%**	**0.4%**
Algeria	0.1	0.1	0.1	0.1	0.2	^	^	^	^	^	**^**	-29.1%	-14.9%	†
Egypt	13.7	13.2	12.8	12.9	13.1	14.1	14.9	14.7	15.1	15.5	**14.8**	-3.7%	0.8%	0.3%
Morocco	1.9	1.3	1.2	1.7	1.3	0.9	0.8	0.4	0.2	0.3	**0.4**	26.0%	-14.3%	†
South Africa	0.7	0.6	0.8	1.1	0.7	0.8	1.6	3.1	2.0	1.1	**1.8**	67.5%	9.4%	†
Eastern Africa	65.0	61.5	64.5	68.4	68.5	73.5	77.1	80.9	81.8	84.0	**99.0**	18.2%	4.3%	2.2%
Middle Africa	21.2	22.3	25.2	28.4	30.0	32.9	32.8	33.8	36.1	37.9	**37.7**	-0.3%	5.9%	0.8%
Western Africa	16.0	18.4	18.8	19.9	22.5	22.4	23.6	25.8	27.9	29.9	**32.2**	8.0%	7.3%	0.7%
Other Northern Africa	0.1	^	^	^	0.1	^	^	^	^	^	**^**	-13.1%	-15.4%	†
Other Southern Africa	2.3	2.0	2.2	1.9	1.6	2.2	1.8	1.5	2.1	2.7	**2.6**	-2.7%	1.4%	0.1%
Total Africa	**121.0**	**119.3**	**125.5**	**134.4**	**137.9**	**146.8**	**152.6**	**160.2**	**165.2**	**171.4**	**188.6**	**10.3%**	**4.5%**	**4.2%**
Australia	14.1	17.6	13.5	17.3	14.0	14.4	15.9	16.7	15.1	13.3	**12.6**	-5.2%	-1.1%	0.3%
Bangladesh	0.9	0.9	1.0	0.9	0.8	0.7	0.7	0.8	0.7	1.0	**0.9**	-11.0%	-0.2%	†
China	1114.5	1153.3	1165.1	1198.9	1272.5	1321.7	1300.6	1303.9	1232.2	1363.8	**1392.2**	2.4%	2.2%	31.1%
China Hong Kong SAR	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
India	133.5	128.6	136.0	139.9	162.3	163.9	160.6	175.1	149.3	156.7	**178.2**	14.1%	2.9%	4.0%
Indonesia	13.7	18.7	18.6	21.6	21.2	24.3	24.7	27.3	24.6	27.3	**31.9**	17.0%	8.8%	0.7%
Japan	85.8	79.4	79.2	81.0	73.9	78.3	79.6	74.9	74.5	79.5	**74.3**	-6.3%	-1.4%	1.7%
Malaysia	13.9	20.0	26.8	26.3	26.2	27.3	31.1	31.9	32.0	33.7	**34.6**	3.0%	9.5%	0.8%
New Zealand	24.6	26.0	25.2	26.3	25.7	24.3	24.2	26.3	26.6	23.7	**24.2**	2.3%	-0.2%	0.5%
Pakistan	32.8	34.6	30.2	29.5	36.1	40.0	37.6	35.1	38.5	39.0	**40.0**	2.8%	2.0%	0.9%
Philippines	8.7	8.1	9.6	9.4	8.0	7.3	9.2	10.1	10.3	11.0	**13.6**	24.3%	4.6%	0.3%
Singapore	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
South Korea	2.1	2.8	2.8	3.4	2.8	3.9	3.1	3.5	3.7	4.3	**3.8**	-11.3%	5.9%	0.1%
Sri Lanka	6.0	4.2	4.0	6.4	4.8	5.0	7.2	6.8	5.8	6.8	**7.9**	16.5%	2.9%	0.2%
Taiwan	4.5	6.6	5.4	4.5	5.5	3.0	3.5	5.8	4.0	4.2	**5.5**	31.0%	2.1%	0.1%
Thailand	3.9	3.7	4.8	7.8	6.4	4.7	4.7	6.8	6.8	6.6	**7.8**	18.8%	7.3%	0.2%
Vietnam	56.1	63.9	85.9	83.1	66.1	72.9	78.7	95.9	80.6	88.7	**101.8**	15.1%	6.1%	2.3%
Other Asia Pacific	51.0	60.3	63.9	69.9	64.9	74.4	83.9	95.8	97.7	100.8	**112.0**	11.5%	8.2%	2.5%
Total Asia Pacific	**1566.1**	**1628.6**	**1672.2**	**1726.1**	**1791.3**	**1866.1**	**1865.3**	**1916.8**	**1802.3**	**1960.4**	**2041.3**	**4.4%**	**2.7%**	**45.6%**
Total World	**3880.1**	**4017.6**	**4069.6**	**4189.5**	**4243.6**	**4357.9**	**4290.4**	**4336.3**	**4264.9**	**4473.1**	**4479.2**	**0.4%**	**1.4%**	**100.0%**
of which: OECD	1432.4	1460.6	1456.7	1489.6	1455.6	1494.6	1449.5	1394.1	1389.0	1442.2	**1389.2**	-3.4%	-0.3%	31.0%
Non-OECD	2447.7	2557.0	2612.9	2699.9	2788.1	2863.2	2840.9	2942.1	2875.9	3030.9	**3089.9**	2.2%	2.4%	69.0%
European Union	335.0	344.8	293.2	343.1	317.6	346.2	347.3	274.8	328.1	367.5	**320.8**	-12.5%	-0.4%	7.2%

* Based on gross primary hydroelectric generation and not accounting for cross-border electricity supply.
^ Less than 0.05.
† Less than 0.05%.
Notes: Annual changes and shares of total are calculated using terawatt-hours figures.
Growth rates are adjusted for leap years.

Renewable energy

Combined renewable electricity and biofuels total energy supply (incl hydro)*

												Growth rate per annum		Share
Exajoules	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	2025	2015–25	2025
Canada	1.67	1.71	1.75	1.73	1.71	1.73	1.73	1.81	1.70	1.68	**1.72**	2.7%	0.3%	3.3%
Mexico	0.42	0.42	0.40	0.40	0.40	0.44	0.46	0.48	0.43	0.43	**0.44**	4.6%	0.6%	0.9%
US	4.41	4.77	5.07	5.15	5.24	5.31	5.59	6.01	6.21	6.61	**6.78**	2.8%	4.4%	13.1%
Total North America	**6.50**	**6.89**	**7.23**	**7.27**	**7.34**	**7.48**	**7.79**	**8.30**	**8.34**	**8.72**	**8.94**	**2.8%**	**3.2%**	**17.3%**
Argentina	0.19	0.18	0.20	0.20	0.20	0.18	0.19	0.22	0.25	0.26	**0.26**	0.6%	3.2%	0.5%
Brazil	2.71	2.78	2.81	3.04	3.21	3.20	3.12	3.41	3.64	3.93	**4.05**	3.1%	4.1%	7.8%
Chile	0.16	0.16	0.19	0.22	0.21	0.21	0.21	0.24	0.28	0.30	**0.28**	-6.3%	5.8%	0.5%
Colombia	0.21	0.22	0.26	0.26	0.25	0.23	0.27	0.29	0.28	0.27	**0.33**	21.9%	4.7%	0.6%
Ecuador	0.05	0.06	0.08	0.08	0.10	0.09	0.10	0.09	0.10	0.09	**0.11**	21.7%	7.4%	0.2%
Peru	0.11	0.11	0.13	0.14	0.14	0.14	0.15	0.14	0.14	0.16	**0.17**	7.3%	4.3%	0.3%
Trinidad & Tobago	^	^	^	^	^	^	^	^	^	^	**^**	1982.4%	37.1%	†
Venezuela	0.27	0.23	0.25	0.24	0.23	0.24	0.24	0.25	0.26	0.26	**0.26**	0.2%	-0.2%	0.5%
Central America	0.28	0.29	0.30	0.32	0.32	0.34	0.36	0.35	0.34	0.35	**0.37**	4.7%	2.7%	0.7%
Other Caribbean	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	**0.05**	18.7%	7.4%	0.1%
Other South America	0.29	0.32	0.31	0.31	0.29	0.27	0.26	0.27	0.29	0.29	**0.30**	3.1%	0.3%	0.6%
Total S. & Cent. America	**4.30**	**4.38**	**4.56**	**4.84**	**4.98**	**4.95**	**4.93**	**5.30**	**5.62**	**5.96**	**6.18**	**3.9%**	**3.7%**	**12.0%**
Austria	0.22	0.24	0.24	0.23	0.25	0.25	0.24	0.23	0.27	0.30	**0.27**	-8.5%	1.9%	0.5%
Belgium	0.10	0.11	0.12	0.12	0.13	0.15	0.15	0.15	0.16	0.15	**0.16**	7.2%	4.5%	0.3%
Bulgaria	0.04	0.03	0.03	0.05	0.05	0.05	0.06	0.06	0.06	0.06	**0.07**	9.4%	5.3%	0.1%
Croatia	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.04	0.05	0.05	**0.05**	-1.0%	4.6%	0.1%
Cyprus	^	^	^	^	^	^	^	^	0.01	0.01	**0.01**	13.6%	12.5%	†
Czech Republic	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	**0.10**	3.4%	2.3%	0.2%
Denmark	0.11	0.11	0.13	0.13	0.14	0.14	0.17	0.16	0.16	0.17	**0.18**	0.6%	5.0%	0.3%
Estonia	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.02	0.02	0.02	**0.02**	2.5%	7.3%	†
Finland	0.21	0.20	0.21	0.22	0.23	0.23	0.26	0.25	0.26	0.26	**0.27**	1.3%	2.3%	0.5%
France	0.50	0.53	0.51	0.59	0.59	0.60	0.60	0.59	0.68	0.74	**0.74**	0.6%	4.1%	1.4%
Germany	1.18	1.19	1.29	1.32	1.38	1.45	1.38	1.43	1.49	1.52	**1.52**	0.7%	2.6%	3.0%
Greece	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.09	0.11	**0.11**	-7.1%	5.6%	0.2%
Hungary	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07	**0.08**	14.9%	8.6%	0.2%
Iceland	0.23	0.23	0.24	0.27	0.27	0.26	0.26	0.26	0.27	0.27	**0.25**	-5.1%	0.9%	0.5%
Ireland	0.04	0.04	0.04	0.05	0.06	0.06	0.06	0.06	0.07	0.07	**0.08**	8.9%	7.9%	0.2%
Italy	0.78	0.78	0.76	0.80	0.81	0.81	0.81	0.74	0.78	0.83	**0.86**	3.5%	0.9%	1.7%
Latvia	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	**0.02**	†	3.4%	†
Lithuania	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.04	**0.04**	16.5%	13.0%	0.1%
Luxembourg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.01**	-10.3%	7.3%	†
Netherlands	0.10	0.10	0.11	0.12	0.15	0.22	0.26	0.29	0.30	0.32	**0.34**	3.8%	13.0%	0.7%
North Macedonia	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.01**	43.1%	6.0%	†
Norway	0.51	0.54	0.54	0.53	0.49	0.56	0.58	0.53	0.56	0.58	**0.60**	3.6%	1.6%	1.2%
Poland	0.18	0.16	0.16	0.16	0.19	0.21	0.21	0.24	0.28	0.31	**0.33**	7.4%	6.2%	0.6%
Portugal	0.13	0.16	0.12	0.15	0.14	0.15	0.16	0.15	0.17	0.20	**0.19**	-0.8%	3.9%	0.4%
Romania	0.10	0.11	0.10	0.11	0.11	0.11	0.12	0.11	0.12	0.11	**0.11**	-2.9%	0.2%	0.2%
Slovakia	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	**0.04**	-18.9%	-1.1%	0.1%
Slovenia	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.03	0.03	**0.03**	-8.8%	3.9%	0.1%
Spain	0.44	0.48	0.43	0.51	0.48	0.54	0.58	0.57	0.66	0.72	**0.74**	2.8%	5.2%	1.4%
Sweden	0.48	0.44	0.47	0.46	0.50	0.53	0.56	0.58	0.56	0.52	**0.53**	2.6%	1.1%	1.0%
Switzerland	0.16	0.15	0.15	0.16	0.17	0.17	0.17	0.15	0.18	0.21	**0.18**	-14.5%	1.1%	0.3%
Türkiye	0.43	0.50	0.53	0.62	0.80	0.82	0.83	0.92	0.93	1.02	**1.03**	1.2%	9.3%	2.0%
Ukraine	0.03	0.04	0.04	0.05	0.05	0.07	0.09	0.07	0.08	0.07	**0.07**	-0.6%	9.9%	0.1%
United Kingdom	0.55	0.56	0.63	0.71	0.78	0.83	0.79	0.83	0.84	0.90	**0.94**	4.4%	5.4%	1.8%
Other Europe	0.12	0.13	0.11	0.15	0.13	0.12	0.16	0.14	0.17	0.16	**0.15**	-4.2%	2.5%	0.3%
Total Europe	**6.98**	**7.16**	**7.32**	**7.88**	**8.26**	**8.74**	**8.96**	**8.96**	**9.52**	**10.01**	**10.12**	**1.3%**	**3.8%**	**19.6%**
Azerbaijan	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.01**	2.4%	7.5%	†
Belarus	^	^	^	^	^	0.01	0.01	0.01	0.01	0.01	**0.01**	6.5%	14.6%	†
Kazakhstan	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	**0.06**	0.2%	6.4%	0.1%
Russian Federation	0.62	0.68	0.69	0.71	0.73	0.80	0.82	0.77	0.79	0.83	**0.79**	-4.2%	2.4%	1.5%
Turkmenistan	^	^	^	^	^	^	^	^	^	^	**^**	†	1.9%	†
Uzbekistan	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.05	**0.06**	30.2%	10.8%	0.1%
Other CIS	0.11	0.11	0.12	0.13	0.13	0.12	0.13	0.13	0.13	0.14	**0.15**	9.0%	3.0%	0.3%
Total CIS	**0.80**	**0.87**	**0.89**	**0.91**	**0.93**	**1.00**	**1.02**	**0.98**	**1.01**	**1.09**	**1.08**	**-0.7%**	**3.1%**	**2.1%**
Iran	0.05	0.06	0.06	0.04	0.13	0.09	0.01	0.06	0.09	0.08	**0.06**	-26.7%	1.4%	0.1%
Iraq	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	**0.01**	-21.2%	1.5%	†
Israel	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.04	**0.06**	27.7%	25.8%	0.1%
Kuwait	^	^	^	^	^	^	^	^	^	^	**^**	-37.3%	34.9%	†
Oman	^	^	^	^	^	^	^	0.01	0.01	0.01	**0.02**	109.0%	105.9%	†
Qatar	^	^	^	^	^	^	^	^	0.01	0.01	**0.01**	61.7%	26.6%	†
Saudi Arabia	^	^	^	^	^	^	^	0.01	0.02	0.04	**0.07**	79.1%	83.4%	0.1%
United Arab Emirates	^	^	^	^	0.01	0.02	0.02	0.03	0.05	0.06	**0.07**	24.2%	52.7%	0.1%
Other Middle East	^	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	**0.04**	7.7%	24.9%	0.1%
Total Middle East	**0.07**	**0.09**	**0.10**	**0.08**	**0.20**	**0.17**	**0.15**	**0.17**	**0.25**	**0.29**	**0.34**	**18.1%**	**17.1%**	**0.7%**
Algeria	^	^	^	^	^	^	^	^	^	^	**^**	-1.7%	12.0%	†
Egypt	0.06	0.06	0.06	0.06	0.07	0.09	0.09	0.09	0.09	0.10	**0.12**	22.6%	8.1%	0.2%
Morocco	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.04	**0.04**	2.1%	10.1%	0.1%
South Africa	0.03	0.03	0.05	0.05	0.05	0.05	0.07	0.09	0.11	0.11	**0.12**	7.2%	15.2%	0.2%
Eastern Africa	0.42	0.41	0.43	0.46	0.47	0.48	0.49	0.53	0.56	0.57	**0.65**	13.3%	4.4%	1.3%
Middle Africa	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.12	0.13	0.14	**0.14**	0.2%	6.1%	0.3%
Western Africa	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	**0.13**	7.9%	8.0%	0.3%
Other Northern Africa	^	^	^	^	^	^	^	^	^	^	**^**	12.7%	6.3%	†
Other Southern Africa	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.02**	2.5%	3.6%	†
Total Africa	**0.68**	**0.68**	**0.73**	**0.79**	**0.83**	**0.87**	**0.91**	**0.97**	**1.05**	**1.11**	**1.23**	**10.7%**	**6.1%**	**2.4%**
Australia	0.16	0.18	0.17	0.21	0.23	0.26	0.31	0.34	0.37	0.40	**0.44**	10.7%	10.3%	0.8%
Bangladesh	^	^	0.01	^	^	^	0.01	0.01	0.01	0.01	**0.01**	9.6%	7.5%	†
China	5.35	5.88	6.43	7.11	7.83	8.47	9.45	10.28	11.14	13.00	**14.91**	14.9%	10.8%	28.9%
China Hong Kong SAR	^	^	^	^	^	^	0.01	0.01	0.01	0.01	**0.01**	22.0%	17.0%	†
India	0.84	0.88	0.94	1.09	1.24	1.29	1.38	1.59	1.62	1.78	**2.15**	21.2%	9.9%	4.2%
Indonesia	0.45	0.56	0.62	0.84	0.93	1.06	1.13	1.27	1.35	1.37	**1.35**	-1.8%	11.7%	2.6%
Japan	0.84	0.79	0.84	0.90	0.92	1.01	1.10	1.14	1.21	1.26	**1.33**	5.8%	4.7%	2.6%
Malaysia	0.08	0.10	0.12	0.13	0.14	0.15	0.17	0.19	0.21	0.22	**0.23**	3.7%	11.8%	0.4%
New Zealand	0.39	0.40	0.40	0.40	0.40	0.40	0.41	0.42	0.41	0.44	**0.47**	7.7%	2.0%	0.9%
Pakistan	0.12	0.14	0.13	0.13	0.16	0.18	0.18	0.18	0.20	0.23	**0.29**	26.9%	9.0%	0.6%
Philippines	0.45	0.46	0.44	0.45	0.46	0.45	0.44	0.46	0.48	0.49	**0.49**	1.3%	0.8%	1.0%
Singapore	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.02**	4.4%	5.2%	†
South Korea	0.13	0.15	0.17	0.22	0.25	0.28	0.33	0.36	0.38	0.42	**0.41**	-0.1%	12.5%	0.8%
Sri Lanka	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.03	0.03	0.04	**0.04**	21.9%	6.6%	0.1%
Taiwan	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.10	0.11	0.13	**0.15**	11.6%	12.3%	0.3%
Thailand	0.24	0.27	0.31	0.36	0.40	0.37	0.39	0.40	0.45	0.46	**0.39**	-14.4%	5.0%	0.8%
Vietnam	0.20	0.23	0.31	0.31	0.26	0.31	0.40	0.48	0.45	0.50	**0.55**	12.2%	10.5%	1.1%
Other Asia Pacific	0.20	0.23	0.24	0.27	0.25	0.28	0.32	0.36	0.37	0.38	**0.43**	11.7%	8.0%	0.8%
Total Asia Pacific	**9.54**	**10.36**	**11.23**	**12.52**	**13.56**	**14.61**	**16.12**	**17.62**	**18.81**	**21.16**	**23.68**	**12.2%**	**9.5%**	**45.9%**
Total World	**28.86**	**30.43**	**32.06**	**34.29**	**36.10**	**37.83**	**39.88**	**42.31**	**44.61**	**48.35**	**51.57**	**7.0%**	**6.0%**	**100.0%**
of which: OECD	15.13	15.69	16.34	17.03	17.59	18.33	19.00	19.73	20.41	21.49	**22.02**	2.7%	3.8%	42.7%
Non-OECD	13.73	14.74	15.72	17.26	18.51	19.50	20.88	22.58	24.20	26.86	**29.55**	10.3%	8.0%	57.3%
European Union	4.94	5.00	5.07	5.39	5.57	5.90	6.07	6.05	6.47	6.79	**6.88**	1.6%	3.4%	13.3%

* Based on gross generation and not accounting for cross-border electricity supply. Energy from non-combustible renewable generation is accounted for on the energy content of their gross electrical output. See the appendix or **https://www.energyinst.org/statistical-review** for more details on this methodology.

Notes: Annual changes and share of total are calculated using exajoules figures and incorporate adjustments for assumed changes in thermal efficiency. Growth rates are adjusted for leap years.

Renewable energy

Renewable power total energy supply (excl hydro)*

Exajoules	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	0.22	0.25	0.25	0.25	0.24	0.26	0.27	0.27	0.28	0.31	**0.33**	7.0%	4.3%	1.1%
Mexico	0.30	0.30	0.28	0.27	0.31	0.33	0.33	0.34	0.34	0.33	**0.33**	0.1%	0.9%	1.1%
US	2.17	2.35	2.53	2.65	2.71	2.93	3.20	3.53	3.56	3.86	**4.23**	9.7%	6.9%	13.9%
Total North America	**2.68**	**2.89**	**3.06**	**3.16**	**3.26**	**3.52**	**3.80**	**4.13**	**4.18**	**4.50**	**4.88**	**8.8%**	**6.2%**	**16.1%**
Argentina	^	^	^	^	^	0.06	0.08	0.09	0.09	0.10	**0.12**	18.7%	20.6%	0.4%
Brazil	0.62	0.68	0.73	0.78	0.82	0.88	0.93	1.00	1.16	1.31	**1.41**	7.4%	8.5%	4.6%
Chile	0.07	0.09	0.11	0.14	0.13	0.13	0.15	0.17	0.19	0.20	**0.20**	1.7%	10.8%	0.7%
Colombia	^	^	^	^	^	^	^	^	^	^	^	18.8%	6.9%	0.1%
Ecuador	^	^	^	^	^	^	^	^	^	^	^	-16.4%	0.8%	†
Peru	^	^	^	^	^	^	^	^	^	^	^	15.8%	9.0%	0.1%
Trinidad & Tobago	^	^	^	^	^	^	^	^	^	^	^	1982.4%	37.1%	†
Venezuela	^	^	^	^	^	^	^	^	^	^	^	24.1%	9.6%	†
Central America	0.20	0.21	0.20	0.22	0.24	0.25	0.25	0.24	0.25	0.25	**0.25**	3.4%	2.6%	0.8%
Other Caribbean	^	^	^	^	^	^	^	^	^	^	^	24.2%	8.4%	0.1%
Other South America	^	^	^	0.05	0.05	0.06	0.06	0.06	0.06	0.08	**0.08**	0.4%	7.5%	0.3%
Total S. & Cent. America	**1.01**	**1.09**	**1.17**	**1.27**	**1.36**	**1.46**	**1.54**	**1.63**	**1.83**	**2.04**	**2.18**	**7.2%**	**8.0%**	**7.2%**
Austria	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.10	0.11	**0.12**	6.6%	5.4%	0.4%
Belgium	0.09	0.09	0.10	0.10	0.11	0.12	0.11	0.12	0.13	0.12	**0.13**	9.6%	3.7%	0.4%
Bulgaria	^	^	^	^	^	^	^	^	^	^	^	12.5%	14.0%	0.2%
Croatia	^	^	^	^	^	^	^	^	^	^	^	16.6%	16.3%	0.1%
Cyprus	^	^	^	^	^	^	^	^	^	^	^	15.9%	13.0%	†
Czech Republic	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	**0.08**	10.4%	2.7%	0.3%
Denmark	0.10	0.10	0.12	0.12	0.13	0.13	0.16	0.15	0.15	0.16	**0.17**	1.2%	5.3%	0.5%
Estonia	^	^	^	^	^	^	^	^	^	^	^	2.6%	7.0%	0.1%
Finland	0.13	0.14	0.15	0.16	0.17	0.16	0.18	0.18	0.18	0.19	**0.20**	4.5%	4.2%	0.7%
France	0.18	0.19	0.21	0.24	0.26	0.29	0.29	0.32	0.37	0.36	**0.41**	12.3%	8.4%	1.3%
Germany	1.00	1.01	1.10	1.14	1.19	1.24	1.19	1.24	1.29	1.33	**1.34**	1.3%	2.9%	4.4%
Greece	^	^	^	^	^	0.05	0.06	0.07	0.08	0.09	**0.08**	-9.5%	9.6%	0.3%
Hungary	^	^	^	^	^	^	^	^	^	0.06	**0.07**	17.4%	9.4%	0.2%
Iceland	0.18	0.18	0.19	0.22	0.22	0.21	0.21	0.21	0.22	0.22	**0.20**	-5.6%	1.2%	0.7%
Ireland	^	^	^	^	^	0.05	^	0.05	0.05	0.06	**0.06**	7.8%	7.6%	0.2%
Italy	0.57	0.58	0.59	0.57	0.59	0.59	0.59	0.58	0.58	0.60	**0.66**	10.6%	1.5%	2.2%
Latvia	^	^	^	^	^	^	^	^	^	^	^	5.3%	1.3%	†
Lithuania	^	^	^	^	^	^	^	^	^	^	^	23.8%	15.7%	0.1%
Luxembourg	^	^	^	^	^	^	^	^	^	^	^	-12.3%	12.4%	†
Netherlands	0.09	0.09	0.10	0.10	0.12	0.18	0.23	0.24	0.26	0.27	**0.29**	7.4%	13.1%	1.0%
North Macedonia	^	^	^	^	^	^	^	^	^	^	^	98.5%	28.2%	†
Norway	^	^	^	^	^	^	^	0.06	0.05	0.06	**0.06**	-2.8%	16.9%	0.2%
Poland	0.15	0.13	0.13	0.12	0.14	0.16	0.16	0.18	0.22	0.24	**0.26**	10.5%	6.2%	0.9%
Portugal	0.09	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.13	**0.13**	†	3.9%	0.4%
Romania	^	^	^	^	^	^	^	^	^	^	^	9.8%	1.5%	0.1%
Slovakia	^	^	^	^	^	^	^	^	^	^	^	-7.8%	-0.9%	0.1%
Slovenia	^	^	^	^	^	^	^	^	^	^	^	24.5%	8.9%	†
Spain	0.29	0.29	0.29	0.30	0.31	0.34	0.40	0.43	0.47	0.50	**0.52**	3.6%	5.9%	1.7%
Sweden	0.18	0.18	0.20	0.19	0.22	0.22	0.25	0.27	0.26	0.27	**0.27**	-2.1%	4.2%	0.9%
Switzerland	^	^	^	^	^	^	^	^	^	^	**0.05**	19.5%	9.6%	0.2%
Türkiye	0.18	0.25	0.32	0.40	0.47	0.54	0.62	0.68	0.70	0.75	**0.82**	10.0%	16.4%	2.7%
Ukraine	^	^	^	^	^	^	^	^	^	^	^	-5.5%	16.0%	0.1%
United Kingdom	0.49	0.50	0.57	0.63	0.68	0.74	0.71	0.73	0.72	0.79	**0.83**	4.4%	5.3%	2.7%
Other Europe	^	^	^	^	^	^	^	^	^	^	^	33.8%	34.7%	0.1%
Total Europe	**4.09**	**4.21**	**4.57**	**4.83**	**5.22**	**5.60**	**5.82**	**6.11**	**6.33**	**6.70**	**7.04**	**5.4%**	**5.6%**	**23.2%**
Azerbaijan	^	^	^	^	^	^	^	^	^	^	^	16.4%	14.5%	†
Belarus	^	^	^	^	^	^	^	^	^	^	^	4.1%	20.9%	†
Kazakhstan	^	^	^	^	^	^	^	^	^	^	^	13.3%	44.6%	0.1%
Russian Federation	^	^	^	^	^	^	^	^	^	^	^	-5.3%	9.2%	0.1%
Turkmenistan	^	^	^	^	^	^	^	^	^	^	^	†	2.9%	†
Uzbekistan	-	^	^	^	^	^	^	^	^	^	^	121.4%	–	0.1%
Other CIS	^	^	^	^	^	^	^	^	^	^	^	63.8%	45.5%	†
Total CIS	**^**	**^**	**^**	**^**	**^**	**^**	**0.06**	**0.07**	**0.08**	**0.10**	**0.13**	**25.0%**	**19.7%**	**0.4%**
Iran	^	^	^	^	^	^	^	^	^	^	^	55.6%	33.6%	†
Iraq	^	^	^	^	^	^	^	^	^	^	^	52.9%	26.0%	†
Israel	^	^	^	^	^	^	^	^	^	^	**0.05**	28.5%	26.0%	0.2%
Kuwait	^	^	^	^	^	^	^	^	^	^	^	-37.3%	34.9%	†
Oman	^	^	^	^	^	^	^	^	^	^	^	109.0%	105.9%	0.1%
Qatar	^	^	^	^	^	^	^	^	^	^	^	61.7%	26.6%	†
Saudi Arabia	^	^	^	^	^	^	^	^	^	^	**0.07**	79.1%	83.4%	0.2%
United Arab Emirates	^	^	^	^	^	^	^	^	0.05	0.06	**0.07**	24.2%	52.7%	0.2%
Other Middle East	^	^	^	^	^	^	^	^	^	^	^	7.4%	40.9%	0.1%
Total Middle East	**^**	**^**	**^**	**^**	**^**	**0.07**	**0.08**	**0.11**	**0.16**	**0.20**	**0.28**	**39.4%**	**39.8%**	**0.9%**
Algeria	^	^	^	^	^	^	^	^	^	^	^	†	24.0%	†
Egypt	^	^	^	^	^	^	^	^	^	^	**0.07**	55.4%	25.8%	0.2%
Morocco	^	^	^	^	^	^	^	^	^	^	^	1.4%	16.0%	0.1%
South Africa	^	^	^	^	^	^	0.06	0.07	0.09	0.11	**0.11**	5.2%	16.3%	0.4%
Eastern Africa	0.19	0.19	0.19	0.22	0.22	0.21	0.21	0.23	0.26	0.26	**0.28**	8.5%	4.2%	0.9%
Middle Africa	^	^	^	^	^	^	^	^	^	^	^	23.2%	13.4%	†
Western Africa	^	^	^	^	^	^	^	^	^	^	^	7.1%	15.9%	0.1%
Other Northern Africa	^	^	^	^	^	^	^	^	^	^	^	13.2%	7.6%	†
Other Southern Africa	^	^	^	^	^	^	^	^	^	^	^	12.1%	8.6%	†
Total Africa	**0.24**	**0.25**	**0.27**	**0.30**	**0.33**	**0.33**	**0.35**	**0.39**	**0.45**	**0.48**	**0.53**	**11.6%**	**8.5%**	**1.8%**
Australia	0.11	0.11	0.12	0.14	0.17	0.20	0.25	0.28	0.32	0.34	**0.39**	13.2%	13.9%	1.3%
Bangladesh	^	^	^	^	^	^	^	^	^	^	^	24.4%	16.9%	†
China	1.24	1.62	2.15	2.67	3.11	3.61	4.67	5.48	6.59	7.97	**9.78**	23.1%	22.9%	32.2%
China Hong Kong SAR	^	^	^	^	^	^	^	^	^	^	^	11.9%	21.2%	†
India	0.34	0.39	0.43	0.55	0.61	0.65	0.73	0.86	0.96	1.04	**1.26**	21.8%	13.9%	4.2%
Indonesia	0.37	0.39	0.47	0.64	0.64	0.70	0.74	0.83	0.86	0.84	**0.79**	-6.0%	8.0%	2.6%
Japan	0.52	0.49	0.54	0.59	0.64	0.71	0.79	0.85	0.92	0.96	**1.05**	9.5%	7.3%	3.5%
Malaysia	^	^	^	^	^	^	^	^	^	^	^	2.5%	16.6%	0.1%
New Zealand	0.30	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.31	0.36	**0.39**	9.0%	2.5%	1.3%
Pakistan	^	^	^	^	^	^	^	0.06	0.06	0.09	**0.15**	64.9%	42.0%	0.5%
Philippines	0.40	0.41	0.39	0.40	0.40	0.41	0.39	0.40	0.42	0.42	**0.41**	-1.5%	0.2%	1.4%
Singapore	^	^	^	^	^	^	^	^	^	^	^	4.4%	5.2%	†
South Korea	0.10	0.11	0.14	0.17	0.21	0.23	0.29	0.32	0.34	0.37	**0.37**	0.8%	13.8%	1.2%
Sri Lanka	^	^	^	^	^	^	^	^	^	^	^	32.9%	23.0%	0.1%
Taiwan	^	^	^	^	^	0.05	0.06	0.07	0.09	0.12	**0.13**	9.1%	15.6%	0.4%
Thailand	0.16	0.19	0.22	0.25	0.29	0.26	0.29	0.3068	0.35	0.35	**0.29**	-17.7%	6.1%	1.0%
Vietnam	^	^	^	^	^	^	0.11	0.14	0.16	0.18	**0.19**	7.1%	65.4%	0.6%
Other Asia Pacific	^	^	^	^	^	^	^	^	^	^	^	16.2%	5.8%	0.1%
Total Asia Pacific	**3.62**	**4.12**	**4.85**	**5.85**	**6.53**	**7.28**	**8.73**	**9.97**	**11.46**	**13.13**	**15.30**	**16.8%**	**15.5%**	**50.4%**
Total World	**11.67**	**12.60**	**13.97**	**15.47**	**16.78**	**18.30**	**20.38**	**22.41**	**24.50**	**27.16**	**30.35**	**12.1%**	**10.0%**	**100.0%**
of which: OECD	7.89	8.23	8.84	9.33	9.93	10.68	11.35	12.13	12.55	13.39	**14.28**	6.9%	6.1%	47.0%
Non-OECD	3.78	4.37	5.13	6.14	6.85	7.62	9.03	10.27	11.95	13.77	**16.08**	17.1%	15.6%	53.0%
European Union	3.20	3.23	3.45	3.52	3.77	3.99	4.13	4.35	4.55	4.78	**5.02**	5.2%	4.6%	16.5%

* Based on gross generation and not accounting for cross-border electricity supply. Energy from non-combustible renewable generation is accounted for on the energy content of their gross electrical output. See the appendix or **https://www.energyinst.org/statistical-review** for more details on this methodology.

^ Less than 0.005.

† Less than 0.05%.

Notes: Annual changes and share of total are calculated using exajoules figures and incorporate adjustments for assumed changes in thermal efficiency. Growth rates are adjusted for leap years.

Renewable energy

Solar – Installed photovoltaic (PV) power and concentrated solar power (CSP)*

Megawatts	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015-25	Share 2025
Canada	2141	2265	2493	2631	2828	3068	3854	4323	5328	5818	**5931**	2.2%	10.7%	0.2%
Mexico	295	606	1072	2770	6247	7158	8927	9356	10910	11992	**12929**	7.8%	45.9%	0.5%
US	23442	34716	43115	51570	60827	75793	94786	112842	139927	177594	**211610**	19.2%	24.6%	8.8%
Total North America	**25878**	**37587**	**46680**	**56971**	**69902**	**86019**	**107567**	**126521**	**156164**	**195405**	**230471**	**17.9%**	**24.4%**	**9.6%**
Argentina	14	14	14	196	446	768	1077	1113	1405	1741	**2592**	48.9%	68.3%	0.1%
Brazil	50	135	1210	2458	4669	8386	14310	25066	37563	53114	**64692**	21.8%	104.8%	2.7%
Chile	576	1125	1724	2298	2721	3287	4712	6887	8742	11019	**12140**	10.2%	35.6%	0.5%
Honduras	396	412	455	515	518	525	529	529	529	554	**589**	6.3%	4.0%	†
The Dominican Republic	24	71	95	191	335	386	584	735	1077	1423	**2083**	46.4%	56.5%	0.1%
Other S. & Cent. America	858	1039	1656	1982	2452	2793	3455	3896	4828	6271	**8127**	29.6%	25.2%	0.3%
Total S. & Cent. America	**1918**	**2797**	**5153**	**7639**	**11140**	**16144**	**24667**	**38226**	**54144**	**74122**	**90224**	**21.7%**	**47.0%**	**3.8%**
Austria	943	1103	1276	1462	1710	2051	2791	3800	6394	8904	**10304**	15.7%	27.0%	0.4%
Belgium	3108	3291	3600	3963	4523	5453	5933	6780	8360	9642	**10398**	7.8%	12.8%	0.4%
Bulgaria	1028	1030	1031	1033	1044	1100	1275	1737	2927	4560	**5910**	29.6%	19.1%	0.2%
Czech Republic	2063	2055	2062	2068	2085	2124	2177	2404	3239	3984	**4541**	14.0%	8.2%	0.2%
Denmark	782	851	906	998	1080	1304	1704	3070	3529	3945	**5046**	27.9%	20.5%	0.2%
France	6820	7319	7524	8727	9795	11127	14208	16801	20123	25456	**31226**	22.7%	16.4%	1.3%
Germany	39224	40679	42293	45158	48914	53671	60038	61188	75519	91204	**106272**	16.5%	10.5%	4.4%
Greece	2604	2604	2552	2591	2754	3174	4073	5104	6689	8827	**11077**	25.5%	15.6%	0.5%
Hungary	172	235	344	728	1400	2131	2968	4235	5910	7166	**8177**	14.1%	47.1%	0.3%
Italy	18742	19116	19504	19916	20625	21359	22286	24560	29356	35442	**41188**	16.2%	8.2%	1.7%
Lithuania	67	68	75	89	130	244	422	738	1330	2575	**3295**	28.0%	47.7%	0.1%
Netherlands	1526	2135	2911	4608	7228	11110	14823	17356	21957	24772	**25878**	4.5%	32.7%	1.1%
Poland	102	176	270	526	1428	3656	7091	11063	15917	21721	**25421**	17.0%	73.7%	1.1%
Portugal	452	533	619	717	970	1191	1817	2817	4040	5811	**6949**	19.6%	31.4%	0.3%
Romania	1326	1372	1374	1386	1398	1383	1394	1809	2988	4258	**6238**	46.5%	16.7%	0.3%
Slovakia	533	533	528	471	590	535	537	549	594	728	**1028**	41.2%	6.8%	†
Slovenia	238	233	247	247	278	370	461	626	1031	1421	**1568**	10.4%	20.7%	0.1%
Spain	7041	7044	7053	7101	11146	12475	16056	26238	31920	38164	**47206**	23.7%	21.0%	2.0%
Sweden	104	153	244	428	730	1124	1625	2407	4012	4848	**5500**	13.4%	48.7%	0.2%
Switzerland	1360	1617	1860	2117	2425	2875	3515	4528	6064	7764	**9114**	17.4%	21.0%	0.4%
Türkiye	250	834	3422	5064	5996	6668	7817	9426	15614	20233	**25469**	25.9%	58.8%	1.1%
Ukraine	841	955	1200	2003	5936	7331	8062	8062	8062	5500	**5500**	†	20.7%	0.2%
United Kingdom	9601	11914	12751	13059	13345	13772	14251	14813	16428	19000	**21662**	14.0%	8.5%	0.9%
Other Europe	402	495	639	822	1217	1663	2377	3702	6607	10199	**13560**	33.0%	42.2%	0.6%
Total Europe	**99328**	**106344**	**114284**	**125281**	**146747**	**167891**	**197701**	**233815**	**298611**	**366123**	**432524**	**18.1%**	**15.8%**	**18.1%**
Russian Federation	363	433	538	828	1425	1774	1988	2148	1899	2262	**2433**	7.6%	21.0%	0.1%
Kazakhstan	57	57	59	209	542	912	1038	1146	1205	1229	**1325**	7.8%	37.0%	0.1%
Other CIS	13	77	116	213	217	254	376	823	2024	4619	**8008**	73.4%	90.2%	0.3%
Total CIS	**433**	**568**	**713**	**1250**	**2183**	**2940**	**3402**	**4117**	**5128**	**8110**	**11767**	**45.1%**	**39.1%**	**0.5%**
Israel	796	906	1006	1346	2138	2652	3591	4632	5516	5605	**7363**	31.4%	24.9%	0.3%
Jordan	57	311	418	760	971	1541	1811	1966	1990	2195	**2195**	†	44.1%	0.1%
Saudi Arabia	24	24	34	84	109	409	439	440	2440	6201	**11932**	92.4%	85.9%	0.5%
United Arab Emirates	132	135	353	600	1935	2333	3002	3596	5942	6498	**7525**	15.8%	49.9%	0.3%
Other Middle East	146	246	439	746	926	1175	1435	3821	4919	5861	**9930**	69.4%	52.5%	0.4%
Total Middle East	**1155**	**1623**	**2251**	**3537**	**6079**	**8110**	**10278**	**14455**	**20807**	**26361**	**38945**	**47.7%**	**42.2%**	**1.6%**
Algeria	62	262	355	367	367	367	367	451	462	462	**462**	†	22.3%	†
Egypt	36	59	180	764	1647	1643	1663	1689	1820	2554	**3267**	27.9%	57.0%	0.1%
Morocco	200	202	204	734	734	774	854	854	854	951	**1086**	14.2%	18.4%	†
South Africa	1353	1902	2205	2505	2806	3705	4205	5705	8006	9058	**11255**	24.3%	23.6%	0.5%
Tunisia	28	38	47	64	80	96	97	199	508	775	**895**	15.5%	41.6%	†
Other Africa	438	562	786	1207	1565	1804	2307	3122	3910	4574	**5223**	14.2%	28.1%	0.2%
Total Africa	**2116**	**3025**	**3777**	**5641**	**7198**	**8389**	**9492**	**12020**	**15560**	**18375**	**22188**	**20.8%**	**26.5%**	**0.9%**
Australia	5036	5881	7241	11128	15453	19773	24397	28887	30675	35998	**41068**	14.1%	23.4%	1.7%
China	43549	77819	130832	175262	204971	253864	306973	393032	609921	887100	**1202179**	35.5%	39.3%	50.3%
India	5697	9982	18257	27485	35250	39705	49979	63479	73052	98482	**135502**	37.6%	37.3%	5.7%
Japan	34150	42040	49500	56162	63192	71868	78413	83057	87068	89601	**92211**	2.9%	10.4%	3.9%
Malaysia	222	287	331	481	829	1483	1583	2131	2417	3074	**3074**	†	30.0%	0.1%
Pakistan	265	589	654	679	755	1049	1434	2182	3210	3717	**3717**	†	30.2%	0.2%
Philippines	175	791	916	930	1002	1083	1406	1660	1801	2993	**3892**	30.0%	36.4%	0.2%
South Korea	3467	4338	5634	7701	10847	14756	17905	20525	23528	26680	**30346**	13.7%	24.2%	1.3%
Taiwan	884	1245	1768	2738	4150	5817	7700	9724	12418	14281	**15474**	8.4%	33.1%	0.6%
Thailand	1425	2452	2703	2968	2988	2984	3065	3185	3299	3388	**6842**	102.0%	17.0%	0.3%
Vietnam	5	5	8	105	4993	16660	16660	16697	18587	18666	**19252**	3.1%	127.3%	0.8%
Other Asia Pacific	607	757	1080	1338	2080	2597	3418	4323	5635	7922	**11909**	50.3%	34.7%	0.5%
Total Asia Pacific	**95482**	**146186**	**218923**	**286977**	**346511**	**431640**	**512933**	**628881**	**871610**	**1191902**	**1565466**	**31.3%**	**32.3%**	**65.5%**
Total World	**226309**	**298129**	**391781**	**487296**	**589761**	**721134**	**866040**	**1058036**	**1422026**	**1880396**	**2391584**	**27.2%**	**26.6%**	**100.0%**

Source: IRENA (2026), Renewable Capacity Statistics 2026, The International Renewable Energy Agency, Abu Dhabi.

* End of year.

^ Less than 0.5.

† Less than 0.05%.

Renewable energy Wind – Installed wind turbine capacity*

Megawatts	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	11214	11973	12250	12816	13220	13532	13878	15237	16137	17397	**17745**	2.0%	4.7%	1.4%
Mexico	3271	4051	4180	4180	6541	6995	7469	7634	7318	7512	**7512**	†	8.7%	0.6%
US	72573	81286	87598	94517	103670	118478	132852	141501	147520	152653	**158826**	4.0%	8.1%	12.3%
Total North America	**87058**	**97310**	**104028**	**111513**	**123431**	**139005**	**154199**	**164372**	**170975**	**177562**	**184083**	**3.7%**	**7.8%**	**14.3%**
Argentina	188	188	228	751	1609	2624	3292	3310	3706	4320	**4497**	4.1%	37.3%	0.3%
Brazil	7682	10322	12451	14514	15457	17217	21002	24196	29113	32920	**34866**	5.9%	16.3%	2.7%
Chile	910	1039	1302	1692	1999	2293	3140	3824	4533	4717	**5884**	24.7%	20.5%	0.5%
Honduras	156	179	229	229	239	239	239	239	239	239	**242**	1.3%	4.5%	†
The Dominican Republic	86	135	135	183	370	370	370	417	417	433	**482**	11.4%	18.9%	†
Other S. & Cent. America	2197	2742	3120	3330	3356	3406	3530	3747	4298	4357	**4693**	7.7%	7.9%	0.4%
Total S. & Cent. America	**11219**	**14606**	**17464**	**20700**	**23030**	**26148**	**31574**	**35733**	**42306**	**46986**	**50664**	**7.8%**	**16.3%**	**3.9%**
Austria	2489	2730	2887	3133	3224	3226	3422	3622	3896	4092	**4292**	4.9%	5.6%	0.3%
Belgium	2181	2334	2779	3305	3864	4673	4948	5303	5454	5644	**5851**	3.7%	10.4%	0.5%
Bulgaria	699	699	698	699	703	703	704	704	704	706	**706**	†	0.1%	0.1%
Czech Republic	281	282	308	316	339	339	339	339	343	363	**369**	1.6%	2.8%	†
Denmark	5077	5245	5489	6123	6111	6259	7004	7105	7291	7512	**7547**	0.5%	4.0%	0.6%
France	10298	11567	13499	14900	16444	17455	18442	20915	23096	24241	**25655**	5.8%	9.6%	2.0%
Germany	44580	49435	55580	58721	60742	62201	63711	66202	69438	72745	**77808**	7.0%	5.7%	6.0%
Greece	2091	2370	2624	2877	3589	4119	4649	4702	5232	5366	**5706**	6.3%	10.6%	0.4%
Hungary	329	329	329	329	323	323	324	324	325	325	**325**	†	-0.1%	†
Italy	9137	9384	9737	10230	10679	10871	11254	11821	12307	12960	**13568**	4.7%	4.0%	1.1%
Lithuania	436	509	518	533	534	540	671	946	1284	1832	**2510**	37.0%	19.1%	0.2%
Netherlands	3391	4257	4202	4393	4484	6648	7646	8700	10802	11703	**11783**	0.7%	13.3%	0.9%
Poland	4886	5747	5759	5766	5838	6298	6967	8150	9343	10152	**10602**	4.4%	8.1%	0.8%
Portugal	4937	5124	5124	5172	5223	5122	5427	5538	5538	5600	**5605**	0.1%	1.3%	0.4%
Romania	3130	3025	3030	3032	3038	3013	3015	3015	3027	3095	**3283**	6.1%	0.5%	0.3%
Slovakia	3	3	4	4	4	4	4	4	4	4	**4**	†	2.9%	†
Slovenia	3	3	3	3	3	3	3	3	3	3	**4**	22.9%	3.4%	†
Spain	22943	22990	23124	23405	25590	26819	27908	30114	30868	32184	**33301**	3.5%	3.8%	2.6%
Sweden	5819	6435	6611	7300	8681	9976	12116	14279	16224	16819	**17381**	3.3%	11.6%	1.3%
Switzerland	60	75	75	75	75	87	88	88	88	102	**111**	8.8%	6.4%	†
Türkiye	4503	5751	6516	7005	7591	8832	10607	11396	11806	12871	**14781**	14.8%	12.6%	1.1%
Ukraine	514	526	553	621	1258	1402	1761	1761	1761	–	–	–	–	–
United Kingdom	14305	16126	19585	21606	23887	24458	25748	28761	30163	32146	**33396**	3.9%	8.8%	2.6%
Other Europe	5403	6488	8023	9139	11368	13145	15086	17810	19734	22202	**23782**	7.1%	16.0%	1.8%
Total Europe	**147494**	**161434**	**177059**	**188689**	**203592**	**216517**	**231846**	**251604**	**268732**	**282668**	**298369**	**5.6%**	**7.3%**	**23.1%**
Russian Federation	103	106	141	196	197	1041	2050	2280	2532	2567	**2880**	12.2%	39.5%	0.2%
Kazakhstan	72	98	112	121	284	486	684	1108	1395	1520	**1909**	25.6%	38.8%	0.1%
Other CIS	34	82	113	195	217	223	248	303	333	850	**2087**	145.4%	51.1%	0.2%
Total CIS	**209**	**286**	**366**	**512**	**698**	**1749**	**2982**	**3691**	**4260**	**4937**	**6876**	**39.3%**	**41.8%**	**0.5%**
Israel	6	27	27	27	27	27	27	136	343	347	**347**	†	50.0%	†
Jordan	118	184	198	295	384	529	632	632	631	631	**631**	†	18.2%	†
Saudi Arabia	–	–	3	3	3	3	3	400	400	400	400	†	–	†
United Arab Emirates	2	–	–	–	–	–	^	^	99	110	**110**	†	51.7%	†
Other Middle East	160	197	265	298	371	374	379	413	438	449	**451**	0.4%	11.0%	†
Total Middle East	**286**	**409**	**494**	**623**	**785**	**933**	**1041**	**1581**	**1911**	**1937**	1939	**0.1%**	**21.1%**	**0.2%**
Algeria	10	10	10	10	10	10	10	10	10	10	10	†	-0.2%	†
Egypt	755	755	755	1130	1132	1380	1640	1643	1890	2199	**3028**	37.7%	14.9%	0.2%
Morocco	797	902	1022	1225	1225	1435	1471	1558	2076	2395	**2452**	2.4%	11.9%	0.2%
South Africa	1079	1473	2094	2094	2094	2516	2495	3163	3442	3442	**4326**	25.7%	14.9%	0.3%
Tunisia	240	240	240	245	245	245	245	245	245	245	**245**	†	0.2%	†
Other Africa	439	451	458	768	823	929	1049	1127	1203	1295	**1408**	8.7%	12.4%	0.1%
Total Africa	**3320**	**3831**	**4579**	**5472**	**5529**	**6515**	**6910**	**7746**	**8866**	**9586**	11469	**19.6%**	**13.2%**	**0.9%**
Australia	4318	4683	5407	6409	7881	10207	10555	11966	12908	15563	**16348**	5.0%	14.2%	1.3%
China	131048	148517	164374	184665	209582	281993	328973	365964	441895	521266	**640626**	22.9%	17.2%	49.6%
India	25088	28700	32848	35288	37505	38559	40067	41930	44736	48163	**54511**	13.2%	8.1%	4.2%
Japan	2809	3205	3483	3498	3951	4119	4262	4483	5369	5858	**6238**	6.5%	8.3%	0.5%
Pakistan	308	591	789	1186	1236	1236	1335	1845	1845	1845	**1845**	†	19.6%	0.1%
Philippines	427	427	427	427	443	443	443	443	443	443	**518**	16.9%	2.0%	†
South Korea	853	1035	1143	1303	1494	1645	1709	1946	2165	2261	**2451**	8.4%	11.1%	0.2%
Taiwan	647	682	692	713	845	937	1094	1581	2677	3905	**4517**	15.7%	21.5%	0.3%
Thailand	234	507	628	1103	1507	1507	1545	1545	1544	1544	**1544**	†	20.8%	0.1%
Vietnam	136	160	205	237	375	518	4118	5065	5888	6185	6239	0.9%	46.6%	0.5%
Other Asia Pacific	931	932	985	1180	1192	1243	1539	1593	1703	1981	3130	58.0%	12.9%	0.2%
Total Asia Pacific	**166799**	**189439**	**210982**	**236008**	**266011**	**342407**	**395642**	**438363**	**521173**	**609014**	**737968**	**21.2%**	**16.0%**	**57.1%**
Total World	**416384**	**467316**	**514972**	**563516**	**623076**	**733274**	**824193**	**903089**	**1018224**	**1132690**	**1291368**	**14.0%**	**12.0%**	**100.0%**

Source: IRENA (2026), Renewable Capacity Statistics 2026, The International Renewable Energy Agency, Abu Dhabi.

* End of year.

^ Less than 0.5.

† Less than 0.05%.

Renewable energy Solar – Installed capacity by type*

	2024			2025		
Megawatts	Solar PV	CSP	**Total**	Solar PV	CSP	**Total**
Canada	5818	–	**5818**	5931	–	**5931**
Mexico	11975	17	**11992**	12912	17	**12929**
US	176114	1480	**177594**	210130	1480	**211610**
Total North America	**193908**	**1497**	**195405**	**228974**	**1497**	**230471**
Argentina	1741	–	**1741**	2592	–	**2592**
Brazil	53114	–	**53114**	64692	–	**64692**
Chile	10911	108	**11019**	12032	108	**12140**
Honduras	554	–	**554**	589	–	**589**
The Dominican Republic	1423	–	**1423**	2083	–	**2083**
Other S. & Cent. America	6271	–	**6271**	8127	–	**8127**
Total S. & Cent. America	**74013**	**108**	**74122**	**90116**	**108**	**90224**
Austria	8904	–	**8904**	10304	–	**10304**
Belgium	9642	–	**9642**	10398	–	**10398**
Bulgaria	4560	–	**4560**	5910	–	**5910**
Czech Republic	3984	–	**3984**	4541	–	**4541**
Denmark	3945	–	**3945**	5046	–	**5046**
France	25456	–	**25456**	31226	–	**31226**
Germany	91204	–	**91204**	106272	–	**106272**
Greece	8827	–	**8827**	11077	–	**11077**
Hungary	7166	–	**7166**	8177	–	**8177**
Italy	35437	5	**35442**	41183	5	**41188**
Lithuania	2575	–	**2575**	3295	–	**3295**
Netherlands	24772	–	**24772**	25878	–	**25878**
Poland	21721	–	**21721**	25421	–	**25421**
Portugal	5811	–	**5811**	6949	–	**6949**
Romania	4257	^	**4258**	6237	^	**6238**
Slovakia	728	–	**728**	1028	–	**1028**
Slovenia	1421	–	**1421**	1568	–	**1568**
Spain	35860	2304	**38164**	44903	2303	**47206**
Sweden	4848	–	**4848**	5500	–	**5500**
Switzerland	7764	–	**7764**	9114	–	**9114**
Türkiye	20232	1	**20233**	25468	1	**25469**
Ukraine	5500	–	**5500**	5500	–	**5500**
United Kingdom	19000	–	**19000**	21662	–	**21662**
Other Europe	10199	–	**10199**	13560	–	**13560**
Total Europe	**363813**	**2310**	**366123**	**430216**	**2309**	**432524**
Russian Federation	2262	–	**2262**	2433	–	**2433**
Kazakhstan	1229	–	**1229**	1325	–	**1325**
Other CIS	4619	–	**4619**	8008	–	**8008**
Total CIS	**8110**	**–**	**8110**	**11767**	**–**	**11767**
Israel	5363	242	**5605**	7121	242	**7363**
Jordan	2195	–	**2195**	2195	–	**2195**
Saudi Arabia	6151	50	**6201**	11882	50	**11932**
United Arab Emirates	5689	809	**6498**	6716	809	**7525**
Other Middle East	5810	52	**5861**	9878	52	**9930**
Total Middle East	**25208**	**1153**	**26361**	**37792**	**1153**	**38945**
Algeria	437	25	**462**	437	25	**462**
Egypt	2534	20	**2554**	3247	20	**3267**
Morocco	411	540	**951**	546	540	**1086**
South Africa	8458	600	**9058**	10655	600	**11255**
Tunisia	775	–	**775**	895	–	**895**
Other Africa	4574	–	**4574**	5223	–	**5223**
Total Africa	**17190**	**1185**	**18375**	**21003**	**1185**	**22188**
Australia	35995	3	**35998**	41065	3	**41068**
China	886120	980	**887100**	1200359	1820	**1202179**
India	98139	343	**98482**	135159	343	**135502**
Japan	89601	–	**89601**	92211	–	**92211**
Malaysia	3074	–	**3074**	3074	–	**3074**
Pakistan	3717	–	**3717**	3717	–	**3717**
Philippines	2993	–	**2993**	3892	–	**3892**
South Korea	26680	–	**26680**	30346	–	**30346**
Taiwan	14281	–	**14281**	15474	–	**15474**
Thailand	3383	5	**3388**	6837	5	**6842**
Vietnam	18666	–	**18666**	19252	–	**19252**
Other Asia Pacific	7922	–	**7922**	11909	–	**11909**
Total Asia Pacific	**1190571**	**1331**	**1191902**	**1563296**	**2171**	**1565466**
Total World	**1872813**	**7583**	**1880396**	**2383162**	**8422**	**2391584**

Source: IRENA (2026), Renewable Capacity Statistics 2026, The International Renewable Energy Agency, Abu Dhabi.

* End of year.

^ Less than 0.5.

Renewable energy

Solar PV behind-the-meter and off-grid installed capacity (AC)*

Megawatts	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	920	1067	1241	1373	1484	1578	1680	1793	1943	2124	**2443**	15.0%	10.3%	0.2%
Mexico	188	337	578	840	1258	1779	2319	2992	3807	4972	**6253**	25.8%	42.0%	0.5%
United States	12762	17204	21730	26149	30837	35810	42086	49652	58087	64868	**72928**	12.4%	19.0%	6.2%
Total North America	**13870**	**18608**	**23549**	**28362**	**33579**	**39167**	**46085**	**54437**	**63837**	**71964**	**81624**	**13.4%**	**19.4%**	**6.9%**
Brazil	49	110	247	651	2206	5149	10187	18863	27717	37203	**44583**	19.8%	97.7%	3.8%
Other S. & Cent. America	564	747	999	1309	1679	2019	2428	2942	3499	4133	**4887**	18.2%	24.1%	0.4%
Total S. & Cent. America	**613**	**857**	**1246**	**1960**	**3885**	**7168**	**12615**	**21805**	**31216**	**41336**	**49470**	**19.7%**	**55.1%**	**4.2%**
Austria	887	1032	1190	1340	1560	1871	2550	3410	5668	7587	**9075**	19.6%	26.2%	0.8%
Belgium	2637	2798	3071	3418	4056	5090	5748	6728	8921	9906	**10804**	9.1%	15.1%	0.9%
Czechia	1794	1800	1808	1820	1844	1892	1951	2229	3215	4071	**4722**	16.0%	10.2%	0.4%
France	4160	4586	5167	5773	6412	7180	8566	10160	12572	16304	**20835**	27.8%	17.5%	1.8%
Germany	30605	31367	32506	34557	37620	41094	44134	48172	57779	67122	**74935**	11.6%	9.4%	6.4%
Greece	2508	2521	2539	2565	2672	3176	3523	4306	5232	6116	**6898**	12.8%	10.6%	0.6%
Hungary	151	232	430	830	1697	2419	2953	3667	4852	5707	**6549**	14.8%	45.8%	0.6%
Italy	14827	15197	15580	16020	16478	17038	17821	20055	23566	27049	**30055**	11.1%	7.3%	2.6%
Lithuania	41	53	70	88	107	160	264	587	1007	1561	**2062**	32.1%	48.0%	0.2%
Netherlands	1419	1893	2553	3644	5211	7779	10291	13760	17330	19263	**20458**	6.2%	30.6%	1.7%
Poland	101	194	341	534	1340	3553	6908	10492	13583	15798	**17793**	12.6%	67.7%	1.5%
Portugal	290	356	424	487	561	638	865	1345	2002	2605	**3110**	19.4%	26.8%	0.3%
Romania	672	680	689	700	713	728	818	1146	2039	2934	**3955**	34.8%	19.4%	0.3%
Spain	3473	3520	3643	3853	4259	4766	5970	8876	11163	12864	**14515**	12.8%	15.4%	1.2%
Sweden	107	179	264	422	673	1012	1438	2183	3516	4265	**4693**	10.0%	46.0%	0.4%
Switzerland	1081	1317	1532	1765	2044	2477	3072	4011	5421	6943	**8227**	18.5%	22.5%	0.7%
Türkiye	256	624	1404	1916	2393	2822	3356	4763	9003	15380	**19660**	27.8%	54.4%	1.7%
Ukraine	176	238	336	520	1027	1341	1783	1870	2275	2963	**4196**	41.6%	37.3%	0.4%
United Kingdom	3956	4592	4967	5130	5323	5460	5789	6610	7620	8463	**9457**	11.7%	9.1%	0.8%
Other Europe	2004	2195	2478	2916	3543	4407	5394	7157	10079	13080	**16121**	23.2%	23.2%	1.4%
Total Europe	**71145**	**75374**	**80992**	**88298**	**99533**	**114903**	**133194**	**161527**	**206843**	**249981**	**288120**	**15.3%**	**15.0%**	**24.5%**
Russia	86	127	191	290	412	551	659	758	858	1012	**1149**	13.5%	29.6%	0.1%
Other CIS	69	81	100	126	167	199	264	347	435	623	**1028**	65.0%	31.0%	0.1%
Total CIS	**155**	**208**	**291**	**416**	**579**	**750**	**923**	**1105**	**1293**	**1635**	**2177**	**33.1%**	**30.2%**	**0.2%**
Iran	10	14	26	54	80	101	132	164	226	927	**1374**	48.2%	63.6%	0.1%
Israel	518	615	676	888	1136	1565	2174	2851	3363	3940	**4518**	14.7%	24.2%	0.4%
Jordan	58	103	153	226	309	421	570	806	1021	1206	**1355**	12.4%	37.0%	0.1%
Lebanon	40	52	67	84	89	98	193	750	1313	1603	**1957**	22.1%	47.6%	0.2%
Saudi Arabia	56	69	107	142	175	209	247	430	646	910	**2182**	139.8%	44.2%	0.2%
United Arab Emirates	81	106	134	181	253	322	394	560	732	908	**1095**	20.6%	29.7%	0.1%
Other Middle East	71	101	142	193	264	362	510	717	907	1156	**2347**	103.0%	41.9%	0.2%
Total Middle East	**834**	**1060**	**1305**	**1768**	**2306**	**3078**	**4220**	**6278**	**8208**	**10650**	**14828**	**39.2%**	**33.3%**	**1.3%**
Egypt	27	45	65	84	161	249	354	455	573	742	**1138**	53.4%	45.4%	0.1%
Nigeria	69	125	181	215	254	364	482	606	730	882	**1357**	53.9%	34.7%	0.1%
South Africa	180	301	469	837	1331	1779	2418	3365	5098	6201	**7479**	20.6%	45.2%	0.6%
Other Africa	566	750	956	1204	1516	1917	2465	3069	3804	5057	**9352**	84.9%	32.4%	0.8%
Total Africa	**842**	**1221**	**1671**	**2340**	**3262**	**4309**	**5719**	**7495**	**10205**	**12882**	**19326**	**50.0%**	**36.8%**	**1.6%**
Australia	4806	5574	6868	8588	10672	13574	16747	19485	22338	25070	**27690**	10.5%	19.1%	2.4%
China	8261	12224	24983	42848	55109	69552	97484	150141	244761	356549	**501600**	40.7%	50.8%	42.6%
India	2333	3283	4613	6951	9500	10865	14248	18357	23450	31617	**43585**	37.9%	34.0%	3.7%
Japan	24295	28943	32481	35414	38570	41438	43919	46050	47954	50476	**53224**	5.4%	8.2%	4.5%
Malaysia	243	307	353	408	488	579	805	1125	1608	2298	**3125**	36.0%	29.1%	0.3%
Myanmar	38	52	66	90	120	184	242	405	818	1326	**2075**	56.5%	49.2%	0.2%
Pakistan	84	136	199	328	827	1420	2093	3491	5572	15758	**23412**	48.6%	75.6%	2.0%
South Korea	2863	3627	4590	6256	9257	12998	16175	18601	20954	22749	**24150**	6.2%	23.8%	2.1%
Taiwan	820	1155	1655	2461	3270	4245	5439	6707	8501	9804	**10836**	10.5%	29.5%	0.9%
Thailand	412	770	844	1167	1576	2395	3242	4244	5458	7307	**9199**	25.9%	36.4%	0.8%
Vietnam	36	54	79	164	572	7645	9273	9729	10479	11247	**11802**	4.9%	78.5%	1.0%
Other Asia-Pacific	557	813	1118	1515	2011	2570	3372	4513	5925	7923	**10948**	38.2%	34.7%	0.9%
Total Asia-Pacific	**44748**	**56938**	**77849**	**106190**	**131972**	**167465**	**213039**	**282848**	**397818**	**542124**	**721646**	**33.1%**	**32.1%**	**61.3%**
Total World	**132207**	**154266**	**186903**	**229334**	**275116**	**336840**	**415795**	**535495**	**719420**	**930572**	**1177191**	**26.5%**	**24.4%**	**100.0%**

Source: S&P Global Energy, ©2026 by S&P Global Inc.
*Combines off-grid and behind-the-meter installed solar PV capacity.
This is a separate standalone dataset from IRENA solar capacity.

Renewable energy Wind – Installed capacity by type*

	2024			2025		
Megawatts	Onshore	Offshore	**Total**	Onshore	Offshore	**Total**
Canada	17397	–	**17397**	17745	–	**17745**
Mexico	7512	–	**7512**	7512	–	**7512**
US	152481	171	**152653**	158655	171	**158826**
Total North America	**177390**	**171**	**177562**	**183912**	**171**	**184083**
Argentina	4320	–	**4320**	4497	–	**4497**
Brazil	32920	–	**32920**	34866	–	**34866**
Chile	4717	–	**4717**	5884	–	**5884**
Costa Rica	402	–	**402**	437	–	**437**
Uruguay	1516	–	**1516**	1516	–	**1516**
Other S. & Cent. America	3110	–	**3110**	3464	–	**3464**
Total S. & Cent. America	**46986**	**–**	**46986**	**50664**	**–**	**50664**
Austria	4092	–	**4092**	4292	–	**4292**
Belgium	3383	2262	**5644**	3589	2262	**5851**
Bulgaria	706	–	**706**	706	–	**706**
Denmark	4868	2644	**7512**	4903	2644	**7547**
Finland	8328	32	**8360**	9351	32	**9383**
France	22747	1494	**24241**	23753	1902	**25655**
Germany	63530	9215	**72745**	68135	9673	**77808**
Greece	5366	–	**5366**	5706	–	**5706**
Ireland	4918	25	**4943**	5103	25	**5128**
Italy	12929	31	**12960**	13537	31	**13568**
Netherlands	6955	4748	**11703**	7035	4748	**11783**
Norway	5063	95	**5158**	5063	95	**5158**
Poland	10152	–	**10152**	10602	–	**10602**
Portugal	5575	25	**5600**	5580	25	**5605**
Romania	3095	–	**3095**	3283	–	**3283**
Spain	32179	5	**32184**	33296	5	**33301**
Sweden	16626	193	**16819**	17188	193	**17381**
Türkiye	12871	–	**12871**	14781	–	**14781**
United Kingdom	16230	15916	**32146**	16431	16965	**33396**
Other Europe	6253	–	**6253**	7318	–	**7318**
Total Europe	**245867**	**36683**	**282550**	**259653**	**38598**	**298251**
Russian Federation	2567	–	**2567**	2880	–	**2880**
Other CIS	2489	–	**2489**	4114	–	**4114**
Total CIS	**5055**	**–**	**5055**	**6994**	**–**	**6994**
Iran	376	–	**376**	378	–	**378**
Jordan	631	–	**631**	631	–	**631**
Other Middle East	930	–	**930**	930	–	**930**
Total Middle East	**1937**	**–**	**1937**	**1939**	**–**	**1939**
Egypt	2199	–	**2199**	3028	–	**3028**
Morocco	2395	–	**2395**	2452	–	**2452**
South Africa	3442	–	**3442**	4326	–	**4326**
Tunisia	245	–	**245**	245	–	**245**
Other Africa	1305	–	**1305**	1418	–	**1418**
Total Africa	**9586**	**–**	**9586**	**11469**	**–**	**11469**
Australia	15563	–	**15563**	16348	–	**16348**
China	479996	41270	**521266**	593236	47390	**640626**
India	48163	–	**48163**	54511	–	**54511**
Japan	5573	285	**5858**	5953	285	**6238**
New Zealand	1263	–	**1263**	1263	–	**1263**
Pakistan	1845	–	**1845**	1845	–	**1845**
Philippines	443	–	**443**	518	–	**518**
South Korea	2015	246	**2261**	2205	246	**2451**
Taiwan	918	2987	**3905**	930	3587	**4517**
Thailand	1544	–	**1544**	1544	–	**1544**
Other Asia Pacific	5799	1104	**6903**	7003	1104	**8106**
Total Asia Pacific	**563123**	**45891**	**609014**	**685357**	**52611**	**737968**
Total World	**1049945**	**82745**	**1132690**	**1199987**	**91380**	**1291368**

Source: IRENA (2026), Renewable Capacity Statistics 2026, The International Renewable Energy Agency, Abu Dhabi.
* End of year.
Note: Capacity figures in this table for both onshore and offshore wind and are on an AC basis.

Renewable energy Generation by source*

Terawatt-hours	2024 Wind	Solar	Hydro	Other renewables‡	Total	2025 Wind	Solar	Hydro	Other renewables‡	Total	2025 Growth rate Wind	Solar	Hydro	Other renewables‡	Total
Canada	47.7	7.9	346.9	10.0	**412.6**	52.6	9.0	348.5	10.0	**420.1**	10.4%	14.3%	0.7%	-0.4%	**2.1%**
Mexico	20.2	26.3	24.0	6.0	**76.5**	21.8	27.1	29.3	5.9	**84.1**	8.5%	3.5%	22.2%	-2.3%	**10.2%**
US	456.5	306.8	239.4	65.1	**1067.8**	469.1	392.7	244.1	65.1	**1171.1**	3.0%	28.4%	2.2%	0.3%	**10.0%**
Total North America	**524.4**	**341.0**	**610.4**	**81.1**	**1556.9**	**543.5**	**428.9**	**621.9**	**80.9**	**1675.3**	**3.9%**	**26.1%**	**2.2%**	†	**7.9%**
Argentina	16.2	4.0	29.5	2.6	**52.3**	18.6	5.2	25.0	3.1	**51.9**	15.6%	29.9%	-15.1%	19.4%	**-0.4%**
Brazil	107.7	70.7	421.8	61.4	**661.6**	115.8	88.0	397.9	61.6	**663.3**	7.9%	24.9%	-5.4%	0.5%	**0.5%**
Chile	11.0	18.9	26.8	7.9	**64.7**	12.2	20.9	20.6	7.6	**61.2**	11.0%	10.5%	-23.0%	-3.8%	**-5.1%**
Colombia	0.1	3.3	54.5	1.9	**59.9**	0.2	4.5	68.1	2.1	**74.8**	4.4%	35.8%	25.3%	9.4%	**25.4%**
Ecuador	0.2	^	22.6	0.5	**23.4**	0.2	^	28.1	0.4	**28.8**	-15.5%	2.9%	24.7%	-17.0%	**23.4%**
Peru	3.9	1.5	32.0	0.6	**38.1**	4.0	2.6	34.0	0.6	**41.2**	2.7%	70.2%	6.4%	-0.2%	**8.5%**
Trinidad & Tobago	^	^	–	–	**^**	^	0.1	–	–	**0.1**	†	1990.0%	–	–	**1982.4%**
Venezuela	0.1	^	72.8	0.1	**73.1**	0.2	^	72.6	0.1	**73.0**	100.0%	9.3%	†	8.6%	**0.1%**
Central America	3.8	3.9	28.4	9.8	**45.9**	4.7	4.8	30.6	10.1	**50.1**	23.6%	22.6%	7.8%	3.3%	**9.4%**
Other Caribbean	2.0	3.8	1.9	1.0	**8.7**	2.2	5.8	1.9	1.0	**10.9**	10.9%	54.5%	-1.0%	0.8%	**26.1%**
Other South America	5.3	1.0	53.8	5.2	**65.3**	4.8	1.1	55.9	5.3	**67.0**	-9.3%	8.7%	4.1%	3.2%	**3.0%**
Total S. & Cent. America	**150.2**	**107.1**	**744.3**	**91.1**	**1092.7**	**162.8**	**133.0**	**734.7**	**92.0**	**1122.4**	**8.7%**	**24.4%**	**-1.0%**	**1.2%**	**3.0%**
Austria	9.3	8.1	45.7	4.7	**67.8**	8.6	10.4	36.8	4.8	**60.6**	-7.3%	28.7%	-19.3%	3.1%	**-10.3%**
Belgium	13.8	8.6	0.5	3.6	**26.5**	13.4	10.5	0.4	4.1	**28.4**	-2.6%	22.8%	-31.8%	14.5%	**7.3%**
Bulgaria	1.4	5.5	2.8	1.7	**11.4**	1.3	6.8	2.8	1.8	**12.7**	-6.7%	24.7%	0.1%	4.7%	**11.9%**
Croatia	2.6	0.8	6.7	1.0	**11.1**	3.0	1.3	5.5	1.0	**10.9**	18.6%	60.6%	-17.8%	3.0%	**-1.7%**
Cyprus	0.2	1.1	–	0.1	**1.4**	0.2	1.3	–	0.1	**1.6**	-2.4%	21.2%	–	3.4%	**16.9%**
Czech Republic	0.7	3.6	2.7	5.4	**12.4**	0.7	4.3	1.6	5.9	**12.4**	-7.0%	19.1%	-39.9%	9.2%	**0.5%**
Denmark	20.6	3.8	^	7.1	**31.4**	19.1	4.5	^	7.4	**31.0**	-6.9%	19.2%	-65.3%	5.8%	**-0.9%**
Estonia	1.2	1.1	^	1.3	**3.6**	1.5	1.2	^	1.2	**4.0**	26.8%	15.7%	23.5%	-7.9%	**10.6%**
Finland	21.0	0.9	14.3	10.4	**46.7**	23.4	1.0	12.4	10.3	**47.2**	11.5%	4.3%	-12.7%	-0.2%	**1.3%**
France	47.4	24.3	70.4	9.7	**151.8**	50.3	32.5	57.6	10.1	**150.4**	6.3%	33.8%	-17.9%	4.1%	**-0.7%**
Germany	139.8	75.9	22.5	49.9	**288.1**	133.7	91.6	16.9	48.0	**290.2**	-4.1%	21.0%	-24.6%	-3.6%	**1.0%**
Greece	12.1	11.3	3.6	0.7	**27.7**	10.6	10.4	3.5	0.7	**25.1**	-12.7%	-7.0%	-3.3%	-5.0%	**-9.0%**
Hungary	0.7	9.2	0.2	1.8	**11.9**	0.6	10.7	0.2	2.3	**13.8**	-11.9%	17.0%	6.3%	22.3%	**16.1%**
Iceland	^	^	13.6	6.0	**19.6**	^	^	13.2	5.6	**18.8**	-17.8%	0.3%	-3.0%	-5.6%	**-3.8%**
Ireland	11.6	1.1	0.8	1.0	**14.5**	12.1	1.7	0.7	1.1	**15.5**	3.8%	53.6%	-14.6%	6.9%	**6.8%**
Italy	22.3	36.1	53.1	22.9	**134.5**	21.5	46.5	41.4	25.5	**134.9**	-3.4%	29.1%	-21.8%	11.5%	**0.6%**
Latvia	0.3	0.5	3.2	0.6	**4.6**	0.2	0.9	3.0	0.6	**4.6**	-26.1%	70.0%	-7.6%	-8.6%	**0.2%**
Lithuania	3.4	1.4	0.4	1.0	**6.3**	4.2	2.0	0.3	1.2	**7.6**	21.6%	41.0%	-25.8%	18.3%	**22.1%**
Luxembourg	0.5	0.4	0.1	0.4	**1.4**	0.5	0.3	0.1	0.4	**1.2**	-0.8%	-16.2%	-29.1%	-15.3%	**-11.7%**
Netherlands	33.5	21.8	0.1	6.7	**62.1**	32.7	25.5	0.1	7.5	**65.8**	-2.2%	17.3%	-33.1%	12.7%	**6.2%**
North Macedonia	0.2	0.9	1.4	0.1	**2.5**	0.3	2.0	1.3	0.1	**3.6**	67.1%	126.3%	-6.9%	-9.6%	**45.7%**
Norway	14.9	0.5	139.5	0.2	**155.2**	14.3	0.7	145.1	0.2	**160.4**	-4.2%	38.7%	4.3%	-4.6%	**3.6%**
Poland	24.9	17.7	2.1	8.0	**52.7**	24.1	23.7	1.5	8.5	**57.8**	-3.2%	34.5%	-27.6%	6.9%	**10.0%**
Portugal	14.4	7.1	14.9	4.0	**40.4**	13.8	8.7	14.9	3.6	**41.0**	-4.0%	23.5%	0.1%	-8.6%	**1.9%**
Romania	6.4	3.4	14.2	0.5	**24.4**	6.0	4.6	12.1	0.6	**23.3**	-4.5%	33.4%	-14.3%	16.8%	**-4.5%**
Slovakia	^	0.7	4.8	1.6	**7.1**	^	0.8	3.0	1.4	**5.2**	0.0%	17.9%	-38.6%	-11.5%	**-27.0%**
Slovenia	^	1.3	5.3	0.3	**6.9**	^	1.5	4.0	0.3	**5.9**	4.2%	21.5%	-25.0%	29.3%	**-14.3%**
Spain	62.1	58.3	34.4	6.1	**160.9**	59.9	64.5	33.7	6.3	**164.5**	-3.2%	11.0%	-1.7%	2.8%	**2.5%**
Sweden	40.4	4.1	64.5	10.2	**119.3**	38.7	4.4	68.3	10.1	**121.5**	-4.1%	7.1%	6.2%	-0.6%	**2.2%**
Switzerland	0.2	6.0	43.5	2.2	**51.8**	0.2	8.1	32.3	2.3	**42.8**	-7.3%	36.0%	-25.6%	5.2%	**-17.2%**
Türkiye	36.8	30.7	74.9	20.6	**163.0**	39.5	44.2	57.4	20.7	**161.8**	7.5%	44.0%	-23.0%	0.9%	**-0.5%**
Ukraine	1.0	6.1	10.8	0.8	**18.6**	0.9	6.0	10.8	0.6	**18.3**	-9.4%	-0.1%	†	-17.8%	**-1.3%**
United Kingdom	83.6	14.6	5.8	40.3	**144.3**	87.1	20.0	5.1	40.3	**152.5**	4.4%	37.0%	-12.0%	0.4%	**5.9%**
Other Europe	2.6	2.2	36.7	0.4	**41.9**	3.0	3.5	32.7	0.5	**39.7**	15.8%	63.4%	-10.7%	21.3%	**-4.9%**
Total Europe	**630.0**	**369.0**	**693.7**	**231.1**	**1923.8**	**625.2**	**456.3**	**618.6**	**234.9**	**1935.0**	**-0.5%**	**24.0%**	**-10.6%**	**2.0%**	**0.9%**
Azerbaijan	0.1	0.5	2.9	0.1	**3.6**	0.2	0.6	2.8	0.1	**3.7**	234.3%	9.4%	-2.2%	-4.2%	**2.8%**
Belarus	0.2	0.2	0.3	0.6	**1.2**	0.2	0.2	0.4	0.6	**1.4**	-3.0%	13.2%	22.3%	3.9%	**8.9%**
Kazakhstan	4.4	1.9	11.3	^	**17.6**	5.1	2.1	10.4	^	**17.6**	14.5%	10.5%	-7.2%	33.6%	**0.2%**
Russian Federation	4.6	2.9	210.5	0.8	**218.9**	3.9	2.9	200.0	0.9	**207.6**	-14.6%	-2.0%	-4.8%	7.1%	**-4.9%**
Turkmenistan	–	^	^	–	**^**	–	^	^	–	**^**	–	†	–	–	0.0%
Uzbekistan	0.8	4.0	8.2	–	**12.9**	3.1	7.4	6.3	–	**16.8**	298.7%	86.1%	-22.8%	–	**30.2%**
Other CIS	0.3	1.3	36.0	^	**37.5**	0.4	2.1	38.3	^	**40.8**	55.6%	69.5%	6.6%	0.8%	**9.0%**
Total CIS	**10.3**	**10.8**	**269.3**	**1.6**	**291.9**	**12.8**	**15.2**	**258.2**	**1.6**	**287.9**	**25.2%**	**41.9%**	**-3.8%**	**5.0%**	**-1.1%**
Iran	1.2	1.0	18.9	^	**21.0**	1.2	2.2	12.0	^	**15.4**	0.5%	127.9%	-36.5%	–	**-26.8%**
Iraq	–	0.4	3.5	–	**3.9**	–	0.6	2.5	–	**3.0**	–	52.9%	-29.2%	–	**-21.2%**
Israel	0.8	10.2	^	0.1	**11.1**	0.8	13.4	^	0.1	**14.3**	†	31.4%	-11.7%	–	**28.9%**
Kuwait	^	0.1	–	–	**0.2**	^	0.1	–	–	**0.1**	10.6%	-53.1%	–	–	**-37.3%**
Oman	0.1	2.3	–	–	**2.4**	0.1	4.9	–	–	**5.1**	†	115.2%	–	–	**109.0%**
Qatar	–	2.0	–	0.1	**2.1**	–	3.5	–	0.1	**3.6**	–	74.3%	–	–	**69.6%**
Saudi Arabia	1.6	9.5	–	–	**11.1**	1.6	18.2	–	-	**19.8**	–	92.4%	–	–	**79.1%**
United Arab Emirates	0.2	14.4	–	0.7	**15.3**	0.2	18.2	–	0.8	**19.2**	–	26.5%	–	11.0%	**25.4%**
Other Middle East	1.8	8.0	1.3	^	**11.1**	1.8	8.7	1.4	^	**11.9**	†	9.0%	10.5%	†	**7.7%**
Total Middle East	**5.7**	**47.9**	**23.7**	**0.9**	**78.2**	**5.7**	**69.7**	**15.9**	**1.0**	**92.3**	**0.2%**	**46.0%**	**-32.8%**	**8.0%**	**18.3%**
Algeria	^	0.6	^	–	**0.7**	^	0.6	^	–	**0.7**	†	–	-29.1%	–	**-1.7%**
Egypt	6.2	6.3	15.5	–	**27.9**	9.9	9.3	14.8	–	**34.1**	61.2%	49.7%	-3.7%	–	**22.6%**
Morocco	9.4	1.6	0.3	–	**11.3**	9.2	1.9	0.4	–	**11.5**	-1.6%	18.3%	26.0%	–	**2.1%**
South Africa	11.1	17.4	1.1	0.2	**29.8**	11.3	18.6	1.8	0.3	**31.9**	1.7%	7.1%	67.5%	14.1%	**7.3%**
Eastern Africa	2.6	2.4	84.0	9.5	**98.4**	2.9	2.6	99.0	10.2	**114.8**	11.3%	12.5%	18.2%	8.3%	**16.9%**
Middle Africa	^	0.4	37.9	0.1	**38.5**	^	0.6	37.7	0.1	**38.4**	†	44.5%	-0.3%	–	**0.2%**
Western Africa	1.0	2.0	29.9	0.4	**33.4**	1.0	2.3	32.2	0.4	**36.0**	3.7%	13.5%	8.0%	†	**8.1%**
Other Northern Africa	0.3	0.6	^	–	**1.0**	0.3	0.8	^	–	**1.1**	-22.9%	32.8%	-13.1%	–	**12.7%**
Other Southern Africa	–	0.5	2.7	0.3	**3.5**	–	0.6	2.6	0.3	**3.6**	–	20.6%	-2.7%	7.6%	**1.6%**
Total Africa	**30.6**	**31.8**	**171.4**	**10.6**	**244.5**	**34.6**	**37.4**	**188.6**	**11.4**	**272.1**	**13.3%**	**17.9%**	**10.3%**	**7.9%**	**11.6%**
Australia	32.9	51.8	13.3	3.4	**101.5**	39.6	58.4	12.6	3.1	**113.7**	20.7%	12.9%	-5.2%	-9.2%	**12.3%**
Bangladesh	0.1	1.2	1.0	^	**2.4**	0.1	1.6	0.9	^	**2.6**	-34.2%	29.8%	-11.0%	–	**9.7%**
China	997.0	839.0	1363.8	124.2	**3324.1**	1127.9	1173.2	1392.2	136.6	**3830.0**	13.4%	40.2%	2.4%	10.3%	**15.5%**
China Hong Kong SAR	^	0.3	–	0.3	**0.5**	^	0.4	–	0.3	**0.7**	†	54.5%	–	-1.1%	**25.7%**
India	81.5	137.1	156.7	23.1	**398.3**	104.0	168.6	178.2	25.7	**476.5**	27.9%	23.3%	14.1%	11.9%	**20.0%**
Indonesia	0.5	1.4	27.3	38.1	**67.2**	0.5	2.1	31.9	37.7	**72.1**	–	58.8%	17.0%	-0.8%	**7.6%**
Japan	11.1	96.8	79.5	43.6	**230.9**	12.8	110.8	74.3	47.6	**245.5**	16.5%	14.8%	-6.3%	9.4%	**6.6%**
Malaysia	–	6.4	33.7	1.7	**41.8**	–	6.6	34.6	1.7	**42.9**	–	4.5%	3.0%	†	**3.1%**
New Zealand	4.0	0.6	23.7	10.0	**38.3**	3.8	1.0	24.2	10.7	**39.7**	-3.0%	63.7%	2.3%	7.2%	**4.0%**
Pakistan	3.5	19.8	39.0	0.5	**62.8**	4.0	36.6	40.0	0.1	**80.6**	14.9%	85.1%	2.8%	-86.8%	**28.8%**
Philippines	1.3	3.8	11.0	12.2	**28.3**	1.2	4.8	13.6	12.1	**31.7**	-2.6%	25.5%	24.3%	-1.1%	**12.3%**
Singapore	–	1.3	–	0.9	**2.2**	–	1.6	–	0.8	**2.5**	–	28.5%	–	-6.9%	**13.9%**
South Korea	3.7	37.4	4.3	20.2	**65.7**	3.7	37.9	3.8	20.3	**65.6**	-1.6%	1.4%	-11.3%	0.7%	**0.2%**
Sri Lanka	0.8	1.9	6.8	0.2	**9.8**	0.8	3.0	7.9	0.2	**12.0**	†	58.8%	16.5%	†	**22.9%**
Taiwan	10.5	15.2	4.2	2.1	**32.0**	12.2	16.0	5.5	2.2	**35.9**	16.4%	5.2%	31.0%	6.7%	**12.4%**
Thailand	3.5	9.1	6.6	28.2	**47.4**	3.6	10.0	7.8	22.1	**43.5**	2.0%	10.0%	18.8%	-21.5%	**-8.1%**
Vietnam	12.7	32.9	88.7	1.0	**135.4**	14.7	33.8	101.8	1.2	**151.5**	15.3%	3.1%	15.1%	15.1%	**12.2%**
Other Asia Pacific	0.6	3.2	100.8	0.7	**105.2**	0.6	4.1	112.0	0.7	**117.4**	11.3%	28.2%	11.5%	0.8%	**11.9%**
Total Asia Pacific	**1163.7**	**1259.3**	**1960.4**	**310.4**	**4693.8**	**1329.5**	**1670.6**	**2041.3**	**323.1**	**5364.3**	**14.6%**	**33.0%**	**4.4%**	**4.4%**	**14.6%**
Total World	**2515.0**	**2166.9**	**4473.1**	**726.8**	**9881.8**	**2714.1**	**2811.1**	**4479.2**	**744.9**	**10749.2**	**8.2%**	**30.1%**	**0.4%**	**2.8%**	**9.1%**
of which: OECD	1204.9	909.4	1442.2	396.4	**3952.9**	1228.4	1106.5	1389.2	404.1	**4128.3**	2.2%	22.0%	-3.4%	2.2%	**4.7%**
Non-OECD	1310.0	1257.6	3030.9	330.4	**5928.9**	1485.6	1704.6	3089.9	340.8	**6620.9**	13.7%	35.9%	2.2%	3.4%	**12.0%**
European Union	490.7	308.4	367.5	160.6	**1327.1**	479.9	372.1	320.8	164.6	**1337.4**	-1.9%	21.0%	-12.5%	2.8%	**1.1%**

* Based on gross generation and not accounting for cross-border electricity supply.
‡ Includes electricity generated from: geothermal, biomass and other sources of renewable energy (not already itemised).
^ Less than 0.05.
† Less than 0.05%.
A more extensive time series of renewables by source can be extracted from the Consolidated Dataset, available to download at **https://www.energyinst.org/statistical-review**.
Notes: Annual changes and share of total are calculated using terawatt-hours.
Growth rates are adjusted for leap years.

Renewable energy Biofuels production*

Thousand barrels of oil equivalent per day	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	22	23	22	21	23	22	22	22	24	33	**33**	-1.2%	3.9%	1.4%
Mexico	–	^	^	^	^	^	1	1	1	1	**1**	†	–	†
US	614	655	678	701	693	632	685	729	803	857	**836**	-2.4%	3.1%	36.5%
Total North America	**637**	**679**	**701**	**723**	**717**	**655**	**708**	**751**	**827**	**890**	**869**	**-2.4%**	**3.2%**	**37.9%**
Argentina	38	53	58	51	46	27	38	43	25	31	**29**	-7.4%	-2.8%	1.2%
Brazil	353	331	334	401	429	411	404	409	473	504	**507**	0.6%	3.7%	22.1%
Colombia	13	13	12	14	13	12	15	15	15	15	**16**	5.5%	2.3%	0.7%
Other S. & Cent. America	7	8	7	8	10	9	11	10	11	12	**13**	6.8%	6.9%	0.6%
Total S. & Cent. America	**410**	**404**	**411**	**475**	**498**	**459**	**468**	**477**	**524**	**562**	**564**	**0.4%**	**3.2%**	**24.6%**
Austria	8	7	7	7	7	7	7	8	8	7	**7**	†	-0.8%	0.3%
Belgium	7	7	8	8	8	9	12	14	15	15	**15**	0.1%	7.4%	0.6%
Finland	11	4	4	11	7	9	12	12	10	9	**9**	0.2%	-1.6%	0.4%
France	49	45	44	50	47	43	36	34	33	35	**27**	-22.6%	-6.0%	1.2%
Germany	59	60	61	63	66	63	66	67	66	68	**62**	-9.9%	0.4%	2.7%
Italy	10	10	12	13	15	17	21	20	20	21	**21**	1.5%	8.1%	0.9%
Netherlands	32	28	37	35	38	37	39	37	41	41	**61**	51.5%	6.8%	2.7%
Poland	15	17	17	17	18	18	19	20	20	22	**22**	2.4%	3.8%	1.0%
Portugal	6	6	6	6	7	6	5	6	6	5	**4**	-16.9%	-3.7%	0.2%
Spain	21	22	35	40	39	33	31	31	28	28	**33**	17.8%	4.7%	1.4%
Sweden	4	4	3	7	8	8	9	9	10	9	**8**	-4.5%	7.5%	0.4%
United Kingdom	6	10	14	13	11	12	12	13	14	13	**10**	-19.9%	6.4%	0.5%
Other Europe	28	30	32	35	40	39	40	41	43	46	**46**	-0.3%	5.0%	2.0%
Total Europe	**256**	**250**	**281**	**305**	**310**	**302**	**310**	**311**	**314**	**317**	**325**	**2.6%**	**2.4%**	**14.2%**
Total CIS	**^**	**^**	**^**	**^**	**^**	**–**	**^**	**^**	**^**	**^**	**^**	**†**	**-14.7%**	**†**
Total Middle East	**^**	**^**	**^**	**^**	**^**	**^**	**1**	**1**	**2**	**2**	**2**	**23.6%**	**19.5%**	**0.1%**
Total Africa	**2**	**2**	**2**	**1**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**0.3%**	**-1.0%**	**0.1%**
Australia	4	2	2	2	3	2	2	2	2	2	**2**	-9.9%	-7.7%	0.1%
China	40	39	31	44	53	56	58	72	81	100	**83**	-17.1%	7.5%	3.6%
India	10	12	11	19	21	23	31	44	56	79	**111**	41.1%	27.6%	4.9%
Indonesia	24	54	50	91	124	126	151	174	194	205	**231**	12.7%	25.5%	10.1%
South Korea	8	8	8	13	13	13	11	13	13	14	**16**	9.6%	6.5%	0.7%
Thailand	36	33	36	40	44	44	39	36	40	35	**32**	-8.8%	-1.2%	1.4%
Other Asia Pacific	37	33	31	35	53	45	48	52	65	79	**54**	-31.4%	3.9%	2.4%
Total Asia Pacific	**159**	**180**	**170**	**243**	**311**	**311**	**341**	**393**	**450**	**514**	**529**	**2.8%**	**12.7%**	**23.1%**
Total World	**1465**	**1516**	**1565**	**1748**	**1838**	**1728**	**1829**	**1935**	**2119**	**2288**	**2292**	**0.2%**	**4.6%**	**100.0%**
of which: OECD	914	948	998	1053	1048	977	1038	1083	1161	1228	**1217**	-0.9%	2.9%	53.1%
Non-OECD	551	568	566	696	790	751	791	852	958	1060	**1075**	1.4%	6.9%	46.9%
European Union	248	237	262	288	293	286	294	294	295	300	**311**	3.7%	2.3%	13.6%

Biofuels production by fuel type

Thousand barrels of oil equivalent per day	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2025	2015–25	2025
Biogasoline														
Canada & Mexico	16	17	17	17	18	16	16	17	17	17	**18**	1.5%	0.7%	1.4%
US	534	554	575	580	569	501	542	554	562	584	**595**	1.9%	1.1%	48.4%
Brazil	294	275	270	322	341	315	303	317	361	369	**360**	-2.5%	2.0%	29.3%
Other S. & Cent. America	18	19	20	22	22	18	22	22	23	24	**26**	7.3%	3.8%	2.1%
Europe	52	52	55	56	55	52	57	61	62	66	**64**	-2.4%	2.2%	5.2%
CIS	^	^	^	^	–	–	^	^	^	^	**^**	†	45.6%	†
Middle East	^	^	–	–	–	–	–	–	–	–	**^**	–	3.5%	†
Africa	2	2	2	1	2	2	2	2	2	2	**2**	0.3%	-0.7%	0.2%
Asia Pacific	57	52	58	69	80	76	82	98	116	137	**163**	19.2%	11.1%	13.3%
Total World	**974**	**971**	**997**	**1067**	**1087**	**980**	**1023**	**1070**	**1143**	**1199**	**1229**	**2.4%**	**2.4%**	**100.0%**
of which: OECD	608	628	652	661	647	575	620	636	645	672	**681**	1.5%	1.1%	55.5%
Non-OECD	365	343	345	407	439	405	404	434	498	528	**547**	3.7%	4.1%	44.5%
European Union	48	46	48	50	50	48	52	55	55	59	**60**	0.3%	2.3%	4.9%
Biodiesel														
Canada & Mexico	6	7	6	5	5	7	6	5	7	16	**16**	-4.1%	10.4%	1.5%
US	80	101	104	121	124	131	144	175	240	273	**241**	-11.7%	11.6%	22.7%
Brazil	58	56	64	79	88	95	100	93	112	134	**146**	9.0%	9.6%	13.8%
Other S. & Cent. America	40	54	57	52	47	30	43	45	28	34	**32**	-6.8%	-2.1%	3.0%
Europe	204	199	225	249	255	250	253	251	252	251	**261**	3.9%	2.5%	24.6%
CIS	^	^	^	^	^	–	–	–	–	–	**–**	–	-100.0%	†
Middle East	^	^	^	^	^	^	1	1	2	2	**2**	0.3%	37.5%	0.2%
Africa	^	^	^	^	^	^	^	^	^	^	**^**	†	-25.7%	†
Asia Pacific	102	128	112	174	231	235	259	296	334	377	**365**	-3.2%	13.6%	34.3%
Total World	**491**	**545**	**567**	**681**	**751**	**748**	**806**	**865**	**976**	**1088**	**1063**	**-2.3%**	**8.0%**	**100.0%**
of which: OECD	306	320	347	392	401	402	419	447	516	556	**536**	-3.7%	5.8%	50.4%
Non-OECD	186	225	221	289	351	346	387	419	460	532	**528**	-0.8%	11.0%	49.6%
European Union	200	191	214	238	243	238	242	239	240	241	**251**	4.5%	2.3%	23.6%

Source: Includes data from S&P Global Energy; US Energy Information Administration.
* Includes biogasoline (such as ethanol) and biodiesel (which includes sustainable aviation fuels). Volumes have been adjusted for energy content.
^ Less than 0.5.
† Less than 0.05%.
Note: Annual changes and shares of total are calculated using thousand barrels a day oil equivalent figures.

Renewable energy Biofuels consumption*

Thousand barrels of oil equivalent per day	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	34	32	38	39	40	37	39	49	55	54	**61**	12.2%	6.1%	2.7%
Mexico	3	3	3	3	3	6	4	5	5	6	**6**	0.9%	6.0%	0.3%
US	608	658	661	652	670	608	670	705	798	843	**749**	-11.1%	2.1%	32.9%
Total North America	**645**	**693**	**702**	**695**	**714**	**651**	**714**	**759**	**858**	**903**	**816**	**-9.7%**	**2.4%**	**35.8%**
Argentina	24	26	30	28	29	16	17	23	21	24	**23**	-2.6%	-0.7%	1.0%
Brazil	357	324	332	385	426	396	393	390	424	492	**540**	9.8%	4.2%	23.7%
Colombia	13	13	12	15	16	13	15	16	18	19	**21**	8.9%	5.1%	0.9%
Other S. & Cent. America	13	14	14	14	15	15	17	17	17	19	**19**	3.2%	4.3%	0.8%
Total S. & Cent. America	**407**	**376**	**388**	**443**	**486**	**439**	**441**	**445**	**479**	**553**	**604**	**9.0%**	**4.0%**	**26.5%**
Austria	9	9	9	8	8	7	8	7	9	8	**8**	-5.2%	-1.0%	0.3%
Belgium	5	8	9	9	9	12	13	14	14	12	**12**	-0.4%	9.8%	0.5%
Finland	8	3	7	6	7	7	12	10	10	9	**10**	7.1%	1.7%	0.4%
France	53	53	54	53	55	40	46	50	53	55	**57**	3.9%	0.8%	2.5%
Germany	50	50	51	53	52	63	56	56	58	49	**55**	11.2%	1.0%	2.4%
Italy	22	19	20	23	24	24	26	26	25	16	**19**	18.3%	-1.3%	0.8%
Netherlands	6	5	6	10	13	15	15	19	18	23	**20**	-14.9%	12.6%	0.9%
Poland	12	8	11	17	18	19	20	21	24	26	**25**	-0.8%	7.6%	1.1%
Portugal	7	5	5	5	5	5	6	6	6	7	**6**	-9.8%	-0.3%	0.3%
Spain	24	27	31	41	40	36	36	35	46	43	**45**	4.9%	6.5%	2.0%
Sweden	14	18	17	20	20	21	23	28	25	8	**11**	26.4%	-3.1%	0.5%
United Kingdom	17	18	17	25	33	31	27	37	43	39	**42**	9.1%	9.3%	1.9%
Other Europe	38	44	50	53	62	63	64	62	61	68	**71**	3.4%	6.4%	3.1%
Total Europe	**264**	**266**	**286**	**323**	**347**	**343**	**352**	**372**	**392**	**363**	**380**	**4.5%**	**3.7%**	**16.7%**
Total CIS	**^**	**1**	**2**	**2**	**3**	**3**	**5**	**6**	**8**	**10**	**11**	**16.2%**	**40.9%**	**0.5%**
Total Middle East	**^**	**^**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**2**	**2**	**19.8%**	**26.2%**	**0.1%**
Total Africa	**1**	**1**	**1**	**2**	**2**	**2**	**2**	**2**	**4**	**6**	**6**	**-5.7%**	**16.2%**	**0.3%**
Australia	4	2	2	3	2	2	2	2	2	2	**2**	-9.0%	-6.6%	0.1%
China	44	45	42	54	58	44	46	47	51	56	**52**	-7.7%	1.7%	2.3%
India	6	12	9	17	21	20	32	45	55	80	**111**	39.4%	34.4%	4.9%
Indonesia	13	44	38	55	94	123	137	154	181	193	**197**	1.9%	30.8%	8.6%
South Korea	8	10	11	13	13	13	13	13	13	14	**14**	-5.2%	5.1%	0.6%
Thailand	30	31	34	37	42	42	38	34	37	37	**33**	-9.7%	1.1%	1.5%
Other Asia Pacific	22	24	25	27	31	33	34	43	46	48	**52**	8.0%	9.2%	2.3%
Total Asia Pacific	**127**	**168**	**160**	**206**	**261**	**277**	**302**	**338**	**386**	**431**	**461**	**7.0%**	**13.8%**	**20.2%**
Total World	**1445**	**1505**	**1540**	**1671**	**1812**	**1715**	**1817**	**1923**	**2128**	**2269**	**2280**	**0.5%**	**4.7%**	**100.0%**
of which: OECD	933	982	1011	1045	1084	1015	1089	1156	1278	1297	**1227**	-5.4%	2.8%	53.8%
Non-OECD	512	524	529	626	729	700	728	767	850	972	**1053**	8.4%	7.5%	46.2%
European Union	240	237	253	283	295	297	310	320	332	307	**319**	3.9%	2.9%	14.0%

Biofuels consumption by fuel type

Thousand barrels of oil equivalent per day	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Biogasoline														
Canada & Mexico	30	30	32	33	33	31	32	38	43	45	**48**	6.3%	4.7%	3.8%
US	503	516	522	520	525	456	503	506	513	512	**517**	1.0%	0.3%	40.6%
Brazil	299	268	269	305	339	301	292	296	312	359	**397**	10.6%	2.9%	31.2%
Other S. & Cent. America	19	20	22	24	25	21	24	25	27	30	**37**	21.0%	6.8%	2.9%
Europe	53	51	53	57	61	56	66	75	83	86	**92**	7.6%	5.8%	7.3%
CIS	–	^	1	1	2	2	3	4	5	6	**7**	16.1%	–	0.6%
Middle East	^	^	^	^	^	^	^	^	^	^	**^**	2.9%	-3.7%	†
Africa	1	1	1	2	2	2	2	2	2	2	**2**	1.7%	4.4%	0.2%
Asia Pacific	61	70	65	80	91	84	96	109	122	149	**173**	15.8%	11.0%	13.6%
Total World	**966**	**957**	**965**	**1022**	**1078**	**953**	**1018**	**1055**	**1108**	**1191**	**1274**	**7.0%**	**2.8%**	**100.0%**
of which: OECD	596	608	618	623	631	556	612	630	651	658	**677**	2.9%	1.3%	53.1%
Non-OECD	370	349	347	399	447	398	407	426	456	533	**598**	12.1%	4.9%	46.9%
European Union	43	41	43	46	49	47	53	59	65	68	**72**	5.3%	5.2%	5.6%
Biodiesel														
Canada & Mexico	7	6	9	10	10	11	12	16	17	15	**19**	25.4%	10.9%	1.9%
US	105	141	138	132	145	152	167	199	285	331	**232**	-29.9%	8.2%	23.0%
Brazil	59	56	63	80	88	95	101	94	112	133	**143**	7.8%	9.3%	14.2%
Other S. & Cent. America	31	32	34	34	34	23	25	30	28	31	**26**	-15.2%	-1.6%	2.6%
Europe	212	215	232	267	285	286	286	298	309	278	**287**	3.6%	3.1%	28.6%
CIS	^	1	1	1	1	1	2	2	3	4	**4**	16.4%	27.7%	0.4%
Middle East	–	^	^	1	1	1	1	1	1	1	**2**	21.3%	–	0.2%
Africa	–	–	–	–	–	–	–	–	2	4	**4**	-9.2%	–	0.4%
Asia Pacific	66	98	96	126	170	193	206	229	263	282	**288**	2.4%	15.9%	28.7%
Total World	**479**	**548**	**574**	**649**	**734**	**762**	**799**	**868**	**1020**	**1078**	**1006**	**-6.7%**	**7.7%**	**100.0%**
of which: OECD	336	374	392	422	452	459	478	527	627	639	**550**	-14.0%	5.0%	54.7%
Non-OECD	143	175	182	227	282	303	321	341	393	438	**455**	3.9%	12.3%	45.3%
European Union	197	196	209	237	246	250	257	261	268	239	**247**	3.5%	2.3%	24.6%

* Includes biogasoline (such as ethanol) and biodiesel (which includes sustainable aviation fuels). Volumes have been adjusted for energy content.
^ Less than 0.5.
† Less than 0.05%.
Note: Annual changes and shares of total are calculated using thousand barrels a day oil equivalent figures.

Nuclear energy Generation*

Terawatt-hours	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	**2025**	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025
Canada	101.1	100.7	100.6	100.0	100.5	97.5	92.0	86.6	88.4	85.0	**84.8**	0.1%	-1.7%	3.0%
Mexico	12.1	11.0	10.9	13.6	11.2	11.2	11.9	10.9	12.4	12.3	**10.1**	-17.7%	-1.8%	0.4%
US	839.1	848.1	847.3	849.6	852.0	831.5	820.7	812.1	815.7	823.0	**826.1**	0.6%	-0.2%	29.0%
Total North America	**952.3**	**959.8**	**958.8**	**963.1**	**963.7**	**940.1**	**924.6**	**909.6**	**916.5**	**920.3**	**921.0**	**0.3%**	**-0.3%**	**32.4%**
Argentina	7.0	8.3	6.1	6.9	8.4	10.0	10.2	7.5	9.0	10.4	**10.8**	3.3%	4.3%	0.4%
Brazil	14.7	15.9	15.7	15.7	16.1	14.1	14.7	14.6	14.5	15.8	**15.8**	0.5%	0.7%	0.6%
Chile	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Colombia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Ecuador	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Peru	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Trinidad & Tobago	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Venezuela	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Central America	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Other Caribbean	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Other South America	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Total S. & Cent. America	**21.8**	**24.1**	**21.8**	**22.5**	**24.6**	**24.1**	**24.9**	**22.0**	**23.5**	**26.2**	**26.6**	**1.6%**	**2.0%**	**0.9%**
Austria	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Belgium	26.1	43.5	42.2	28.6	43.5	34.4	50.3	43.9	32.9	31.3	**23.7**	-23.9%	-1.0%	0.8%
Bulgaria	15.4	15.8	15.5	16.1	16.6	16.6	16.5	16.5	16.2	15.8	**15.3**	-2.5%	†	0.5%
Croatia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Cyprus	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Czech Republic	26.8	24.1	28.3	29.9	30.2	30.0	30.7	31.0	30.4	29.7	**32.1**	8.3%	1.8%	1.1%
Denmark	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Estonia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Finland	23.2	23.2	22.5	22.8	23.9	23.3	23.6	25.3	34.3	32.6	**32.8**	0.9%	3.5%	1.2%
France	437.4	403.2	398.4	412.9	399.0	353.8	379.4	294.7	338.2	380.5	**390.1**	2.8%	-1.1%	13.7%
Germany	91.8	84.6	76.3	76.0	75.1	64.4	69.1	34.7	7.2	–	**–**	–	-100.0%	–
Greece	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Hungary	15.8	16.1	16.1	15.7	16.3	16.1	16.0	15.8	15.9	16.0	**16.1**	0.8%	0.2%	0.6%
Iceland	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Ireland	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Italy	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Latvia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Lithuania	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Luxembourg	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Netherlands	4.1	4.0	3.4	3.5	3.9	4.1	3.8	4.2	4.0	3.6	**4.0**	12.7%	-0.1%	0.1%
North Macedonia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Norway	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Poland	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Portugal	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Romania	11.6	11.3	11.5	11.4	11.3	11.5	11.3	11.1	11.2	10.9	**11.0**	1.2%	-0.6%	0.4%
Slovakia	15.1	14.8	15.1	14.8	15.3	15.4	15.7	15.9	18.3	18.2	**19.3**	6.1%	2.5%	0.7%
Slovenia	5.6	5.7	6.3	5.8	5.8	6.4	5.7	5.6	5.6	5.8	**5.8**	0.3%	0.3%	0.2%
Spain	57.3	58.6	58.1	55.8	58.3	58.3	56.6	58.6	56.9	54.5	**54.2**	-0.3%	-0.6%	1.9%
Sweden	56.3	63.1	65.7	68.5	66.1	49.2	53.0	51.9	48.5	50.7	**46.6**	-7.7%	-1.9%	1.6%
Switzerland	23.3	21.3	20.5	24.4	25.3	23.0	18.5	23.1	23.3	23.0	**18.4**	-19.8%	-2.3%	0.6%
Türkiye	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Ukraine	87.6	81.0	85.6	84.4	83.0	76.2	86.2	62.2	52.1	53.0	**54.1**	2.4%	-4.7%	1.9%
United Kingdom	70.3	71.7	70.3	65.1	56.2	50.2	46.1	47.4	40.6	40.6	**35.9**	-11.4%	-6.5%	1.3%
Other Europe	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Total Europe	**968.0**	**941.9**	**935.9**	**935.8**	**929.7**	**832.9**	**882.5**	**742.0**	**735.6**	**766.1**	**759.4**	**-0.6%**	**-2.4%**	**26.7%**
Azerbaijan	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Belarus	–	–	–	–	–	0.3	5.8	4.7	11.7	15.7	**17.0**	8.6%	–	0.6%
Kazakhstan	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Russian Federation	195.5	196.6	203.1	204.6	209.0	215.9	222.4	223.7	217.4	215.7	**218.6**	1.6%	1.1%	7.7%
Turkmenistan	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Uzbekistan	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Other CIS	2.8	2.4	2.6	2.1	2.2	2.8	2.0	2.8	2.7	2.8	**2.9**	3.3%	0.4%	0.1%
Total CIS	**198.3**	**199.0**	**205.8**	**206.7**	**211.2**	**219.0**	**230.2**	**231.2**	**231.8**	**234.2**	**238.5**	**2.1%**	**1.9%**	**8.4%**
Iran	3.5	6.5	7.0	6.9	6.4	6.3	3.5	6.6	6.6	7.0	**5.4**	-23.2%	4.4%	0.2%
Iraq	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Israel	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Kuwait	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Oman	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Qatar	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Saudi Arabia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
United Arab Emirates	–	–	–	–	–	1.6	10.1	20.6	33.1	39.0	**39.1**	0.4%	–	1.4%
Other Middle East	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Total Middle East	**3.5**	**6.5**	**7.0**	**6.9**	**6.4**	**8.0**	**13.6**	**27.2**	**39.7**	**46.0**	**44.4**	**-3.2%**	**29.0%**	**1.6%**
Algeria	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Egypt	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Morocco	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
South Africa	12.2	15.0	14.2	11.1	14.3	12.1	12.8	10.6	8.5	8.2	**10.7**	31.3%	-1.3%	0.4%
Eastern Africa	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Middle Africa	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Western Africa	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Other Northern Africa	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Other Southern Africa	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Total Africa	**12.2**	**15.0**	**14.2**	**11.1**	**14.3**	**12.1**	**12.8**	**10.6**	**8.5**	**8.2**	**10.7**	**31.3%**	**-1.3%**	**0.4%**
Australia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Bangladesh	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
China	171.4	213.2	248.1	295.0	348.7	366.2	407.5	417.8	434.7	450.9	**485.2**	7.9%	11.0%	17.1%
China Hong Kong SAR	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
India	38.3	37.9	37.4	39.1	45.2	44.6	43.9	46.2	48.2	54.7	**53.8**	-1.4%	3.5%	1.9%
Indonesia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Japan	4.5	17.7	29.1	49.1	65.6	43.0	61.2	51.8	77.5	84.9	**94.1**	11.1%	35.5%	3.3%
Malaysia	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
New Zealand	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Pakistan	4.3	5.3	8.1	9.2	9.2	9.5	15.7	22.2	22.4	22.8	**23.6**	4.0%	18.6%	0.8%
Philippines	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Singapore	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
South Korea	164.8	162.0	148.4	133.5	145.9	160.2	158.0	176.1	180.5	188.8	**184.7**	-1.9%	1.1%	6.5%
Sri Lanka	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Taiwan	36.5	31.7	22.4	27.7	32.3	31.4	27.8	23.8	17.8	12.2	**3.2**	-73.3%	-21.5%	0.1%
Thailand	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Vietnam	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Other Asia Pacific	–	–	–	–	–	–	–	–	–	–	**–**	–	–	–
Total Asia Pacific	**419.7**	**467.7**	**493.6**	**553.6**	**646.9**	**655.0**	**714.1**	**737.8**	**781.1**	**814.2**	**844.7**	**4.0%**	**7.2%**	**29.7%**
Total World	**2575.8**	**2614.1**	**2637.0**	**2699.7**	**2796.8**	**2691.2**	**2802.7**	**2680.4**	**2736.7**	**2815.3**	**2845.4**	**1.3%**	**1.0%**	**100.0%**
of which: OECD	1975.0	1973.4	1959.6	1969.7	1994.1	1872.0	1912.4	1789.7	1830.6	1880.4	**1878.8**	0.2%	-0.5%	66.0%
Non-OECD	600.9	640.7	677.4	730.1	802.7	819.2	890.3	890.7	906.1	934.9	**966.6**	3.7%	4.9%	51.5%
European Union	786.8	767.9	759.5	761.9	765.3	683.5	731.7	609.3	619.6	649.5	**651.1**	0.5%	-1.9%	67.4%

* Based on gross generation and not accounting for cross-border electricity supply.
Notes: Annual changes and share of total are calculated using terawatt-hours figures.
Growth rates are adjusted for leap years.



Key minerals

Stability at high volumes versus explosive growth for a few

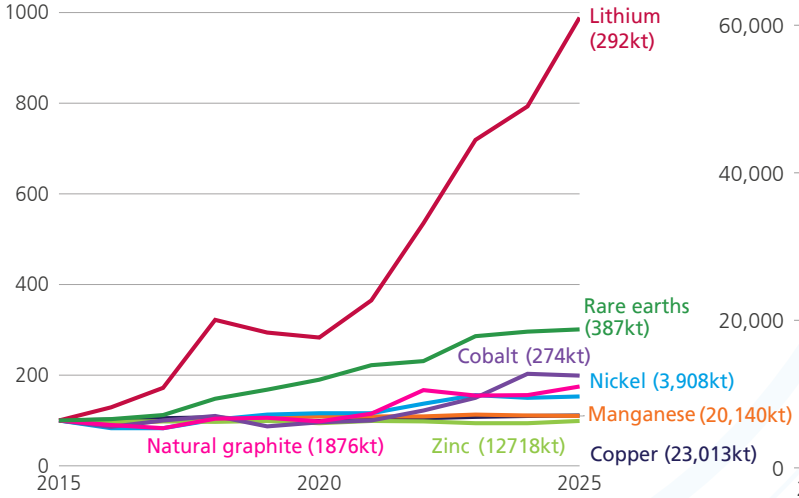
Supply remained highly concentrated within a few countries in 2025. The Democratic Republic of Congo remained the main growth engine for cobalt and copper; Indonesia continued to dominate nickel expansion; China dominated rare earths and graphite production; and South Africa and Gabon remained central to manganese supply. Lithium remained a partial exception, with Argentina, Chile, Zimbabwe, China and Australia all contributing meaningfully to supply.

Although Africa remained central to global critical mineral supply in 2025, the Asia-Pacific is the strongest critical minerals region by production. It is anchored by China (graphite and rare earths), Indonesia (nickel and increasingly cobalt) and Australia (lithium plus nickel, copper and manganese).

In 2025, the world saw 292kt of lithium extracted, marking an incredible growth trajectory as a key material for rechargeable batteries, mainly for electric vehicles.

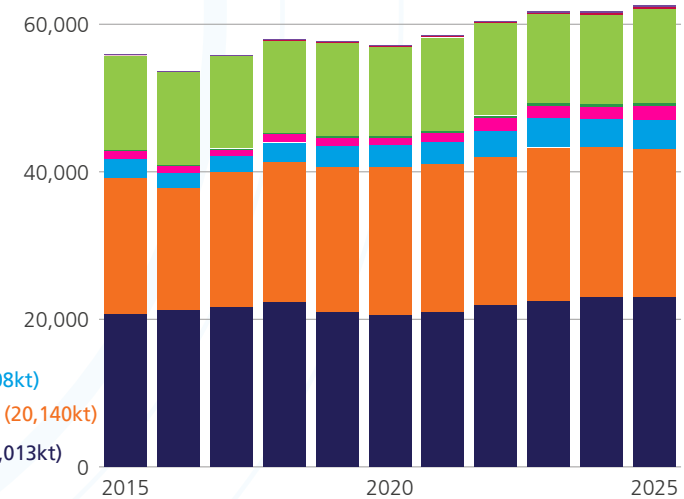
Lithium production is now almost ten times higher than it was a decade ago…

Production of key minerals, relative to 2015 levels (2015 = 100); labels show 2025 production figures



…although it started from a much lower base point compared to other key minerals

Production of key minerals (tonnes, 000s)



Key minerals Production and reserves

Cobalt production and reserves

Mine production

Thousand tonnes	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025	Reserves at end of 2025	Reserves Share	Reserves R/P ratio
Australia	6.0	5.5	5.8	4.9	5.7	5.6	5.3	5.8	5.2	4.8	**3.7**	-22.4%	-4.8%	1.4%	1700	14.7%	459
Canada	4.3	4.2	3.7	3.5	3.3	4.5	4.4	3.1	4.2	3.3	**3.5**	4.8%	-2.1%	1.3%	220	1.9%	63
China	2.6	2.3	2.5	2.0	2.5	2.2	2.2	1.8	2.3	2.0	**2.0**	0.3%	-2.6%	0.7%	160	1.4%	80
DR Congo	84.4	69.0	90.3	109.4	78.0	86.6	93.1	115.4	139.8	200.8	**187.5**	-6.4%	8.3%	68.5%	6000	51.8%	32
Cuba	4.0	3.9	3.9	3.5	3.8	3.8	4.0	3.8	3.2	3.6	**3.1**	-14.7%	-2.6%	1.1%	500	4.3%	163
Indonesia	0.3	0.3	0.3	0.3	0.3	0.3	2.1	9.6	19.0	35.0	**44.0**	26.1%	62.2%	16.1%	760	6.6%	17
Madagascar	4.0	3.8	3.1	2.9	2.9	0.8	2.0	3.3	3.5	3.1	**3.9**	26.2%	-0.3%	1.4%	100	0.9%	26
Morocco	2.3	2.7	2.5	1.8	2.4	2.4	1.8	1.7	1.5	1.3	**1.1**	-14.4%	-6.9%	0.4%	13	0.1%	12
New Caledonia	3.6	3.2	2.8	2.1	1.7	2.2	1.5	1.9	2.6	1.6	**1.6**	0.3%	-7.8%	0.6%	51	0.4%	32
Papua New Guinea	2.5	2.2	3.3	3.3	2.9	2.9	3.0	3.0	3.1	2.6	**2.8**	6.8%	1.1%	1.0%	84	0.7%	30
Philippines	4.3	4.0	4.6	4.8	5.1	4.9	4.3	4.7	4.5	4.1	**4.4**	7.1%	0.2%	1.6%	260	2.2%	59
Russian Federation	6.2	5.5	5.9	6.1	6.3	9.7	8.0	9.2	8.7	8.7	**7.7**	-11.3%	2.2%	2.8%	800	6.9%	104
South Africa	2.9	2.3	2.3	2.3	2.1	1.8	0.4	0.3	0.4	0.6	**1.0**	62.1%	-10.2%	0.4%	35	0.3%	36
Zambia	3.0	5.0	2.6	1.6	0.4	0.3	0.2	0.3	1.5	1.4	**1.3**	-6.2%	-7.8%	0.5%	270	2.3%	205
Rest of World	6.7	4.5	3.6	2.5	2.6	3.4	4.4	4.1	6.3	5.5	**6.1**	11.2%	-1.0%	2.2%	627	5.4%	103
Total World	**137.2**	**118.4**	**137.3**	**150.9**	**120.0**	**131.5**	**136.7**	**167.7**	**205.8**	**278.5**	**273.6**	**-1.5%**	**7.1%**	**100.0%**	**11580.6**	**100.0%**	**42**

Sources: includes data from US Geological Survey, British Geological Survey ©UKRI and World Mining Data. **Note:** Rest of World is the sum of only recorded reserves. Growth rates are adjusted for leap years.

Lithium production and reserves

Mine production

Thousand tonnes of Lithium content	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025	Reserves at end of 2025	Reserves Share	Reserves R/P ratio
Argentina	3.6	5.8	5.7	6.4	6.3	5.9	6.0	6.4	8.6	13.8	**23.0**	67.1%	20.4%	7.9%	4400	12.5%	191
Australia	11.9	14.0	21.3	57.0	45.0	39.7	55.3	74.7	91.7	82.7	**92.0**	11.6%	22.7%	31.5%	8400	23.8%	91
Brazil	0.1	0.2	0.3	1.0	2.2	1.4	1.7	2.6	5.3	10.2	**12.0**	18.0%	55.2%	4.1%	540	1.5%	45
Canada	–	–	0.1	2.4	0.2	–	–	0.5	3.2	4.8	**5.6**	16.5%	–	1.9%	1600	4.5%	286
Chile	9.8	13.6	14.2	17.0	19.2	21.6	28.2	48.8	48.1	55.8	**63.8**	14.6%	20.6%	21.8%	9200	26.1%	144
China	2.0	2.3	6.8	7.1	10.8	13.3	14.0	22.6	35.7	41.4	**62.0**	50.2%	41.0%	21.2%	4600	13.1%	74
Portugal	0.3	0.4	0.8	1.2	0.9	0.3	0.9	0.4	0.4	0.4	**0.4**	0.3%	4.0%	0.1%	60	0.2%	158
US	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.6	0.6	0.9	**1.3**	43.2%	3.9%	0.4%	4400	12.5%	3346
Zimbabwe	0.9	1.0	0.8	1.6	1.2	0.4	0.7	1.0	14.9	20.0	**28.0**	40.4%	41.0%	9.6%	500	1.4%	18
Rest of World	–	^	^	0.5	0.2	0.1	0.1	0.3	3.8	4.1	**4.2**	2.9%	–	1.4%	1530	4.3%	365
Total World	**29.5**	**38.2**	**50.9**	**95.1**	**86.9**	**83.7**	**107.9**	**158.0**	**212.3**	**234.1**	**292.3**	**25.2%**	**25.8%**	**100.0%**	**35230**	**100.0%**	**121**

Sources: includes data from US Geological Survey, British Geological Survey ©UKRI and World Mining Data.
^ Less than 0.05. **Note:** Rest of World is the sum of only recorded reserves. Growth rates are adjusted for leap years.

Natural Graphite production and reserves

Mine production

Thousand tonnes	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025	Reserves at end of 2025	Reserves Share	Reserves R/P ratio
Brazil[1]	75.1	61.7	79.8	95.0	96.0	95.0	95.0	96.0	66.3	58.0	**65.0**	12.4%	-1.4%	3.5%	74000	21.8%	1138
Canada	30.0	21.0	14.0	11.0	11.0	7.6	12.0	13.0	5.5	11.7	**8.0**	-31.4%	-12.4%	0.4%	5900	1.7%	738
China	725.0	625.0	625.0	693.0	700.0	762.0	820.0	1210.0	1210.0	1270.0	**1400.0**	10.5%	6.8%	74.6%	100000	29.5%	71
India[2]	134.6	149.0	46.0	44.2	30.8	29.1	35.5	85.9	129.8	116.4	**107.4**	-7.4%	-2.2%	5.7%	8600	2.5%	80
Madagascar	8.1	9.2	13.3	48.1	53.4	48.5	91.1	116.7	60.7	85.0	**80.0**	-5.6%	25.7%	4.3%	27000	8.0%	338
Mexico	6.5	3.8	1.7	4.1	1.6	1.5	1.8	2.0	1.3	1.1	**1.5**	41.2%	-13.8%	0.1%	3100	0.9%	2095
Mozambique	–	–	0.3	104.0	153.0	12.0	72.0	163.0	94.0	35.0	**67.0**	92.0%	–	3.6%	25000	7.4%	373
Norway	9.2	9.6	9.6	12.0	9.8	5.5	6.3	10.4	6.5	5.3	**6.6**	23.9%	-3.3%	0.4%	600	0.2%	91
Russian Federation	15.9	19.4	19.5	11.9	17.5	12.9	15.3	14.3	15.0	20.0	**25.0**	25.3%	4.6%	1.3%	25600	7.6%	1024
Sri Lanka	4.2	4.0	3.5	4.0	4.0	4.0	3.0	2.6	3.0	3.0	**3.2**	7.0%	-2.7%	0.2%	1500	0.4%	469
Tanzania	–	–	–	0.2	0.2	–	–	6.1	13.2	27.0	**75.0**	178.5%	–	4.0%	18000	5.3%	240
Türkiye	–	–	–	16.8	10.0	15.2	28.3	27.7	28.0	26.4	**24.9**	-5.5%	–	1.3%	6900	2.0%	278
Ukraine	7.9	6.1	13.9	12.2	1.5	4.1	3.2	1.0	1.7	0.9	**0.8**	-10.9%	-20.5%	†	13748	4.1%	17186
Rest of World	56.5	59.0	59.4	56.5	50.9	53.5	53.9	44.8	32.6	11.7	**11.8**	1.1%	-14.5%	0.6%	29000	8.6%	2449
Total World	**1073.0**	**967.9**	**886.0**	**1112.9**	**1139.7**	**1051.0**	**1237.4**	**1793.5**	**1667.5**	**1671.5**	**1876.2**	**12.6%**	**5.7%**	**100.0%**	**338948**	**100.0%**	**181**

Sources: includes data from US Geological Survey, British Geological Survey ©UKRI and World Mining Data. [1]Including beneficiated and directly shipped material. [2]Run of the mine.
† Less than 0.05%. **Note:** Rest of World is the sum of only recorded reserves. Growth rates are adjusted for leap years.

Rare Earth metals production and reserves

Mine production

Thousand tonnes[1]	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025	Reserves at end of 2025	Reserves Share	Reserves R/P ratio
Australia	11.9	13.9	17.3	18.6	17.6	21.1	22.5	16.0	16.0	29.0	**29.0**	0.3%	9.3%	7.5%	6300	6.8%	217
Brazil	0.9	2.7	1.7	1.2	0.7	0.6	0.5	0.1	0.1	0.6	**2.0**	258.1%	8.6%	0.5%	21000	22.7%	10500
China	105.0	105.0	105.0	120.0	132.0	140.0	168.0	210.0	255.0	270.0	**270.0**	0.3%	9.9%	69.7%	44000	47.6%	163
India	1.0	1.1	1.4	2.1	2.5	2.5	2.6	2.9	2.9	2.9	**2.9**	0.3%	11.7%	0.7%	6900	7.5%	2379
Madagascar	–	–	–	2.0	4.0	2.8	3.9	2.6	2.6	1.4	**2.7**	93.4%	–	0.7%	157	0.2%	58
Russian Federation	2.3	3.1	2.5	2.6	2.6	2.6	2.6	2.6	2.5	2.5	**2.6**	4.3%	1.2%	0.7%	3800	4.1%	1462
Thailand [2]	0.8	1.6	1.3	1.0	1.9	3.6	8.2	7.1	3.6	2.1	**4.8**	129.2%	20.2%	1.2%	5	†	1
US	5.9	–	–	18.0	28.0	39.0	42.0	42.0	41.6	45.5	**51.0**	12.4%	24.1%	13.2%	1900	2.1%	37
Rest of World	0.9	4.8	15.4	25.5	26.6	32.1	35.6	13.5	43.6	27.4	**22.3**	-18.7%	37.4%	5.7%	8290	9.0%	372
Total World	**128.6**	**132.2**	**144.6**	**191.0**	**215.9**	**244.3**	**286.0**	**296.8**	**367.9**	**381.4**	**387.3**	**1.8%**	**11.7%**	**100.0%**	**92352**	**100.0%**	**238**

Sources: includes data from US Geological Survey, British Geological Survey ©UKRI and World Mining Data. [1]Thousand tonnes of rare earth oxide equivalent. [2] Including beneficated and directly shipped material.
† Less than 0.05%. **Note:** Rest of World is the sum of only recorded reserves. Growth rates are adjusted for leap years.

Copper production and reserves

Mine production

Thousand tonnes	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	Growth rate per annum 2015–25	Share 2025	Reserves at end of 2025	Reserves Share	Reserves R/P ratio
Australia	971.0	970.0	860.0	950.0	934.0	885.0	900.0	819.0	778.0	765.0	**730.0**	-4.3%	-2.8%	3.2%	100000	10.2%	137
Chile	5760.0	5500.0	5500.0	5800.0	5790.0	5730.0	5600.0	5330.0	5250.0	5510.0	**5300.0**	-3.5%	-0.8%	23.0%	180000	18.4%	34
China	1710.0	1740.0	1710.0	1600.0	1680.0	1720.0	1800.0	1940.0	1820.0	1840.0	**1800.0**	-1.9%	0.5%	7.8%	41000	4.2%	23
Democratic Republic of Congo	1020.0	910.0	1090.0	1200.0	1290.0	1600.0	1800.0	2350.0	2930.0	2990.0	**3200.0**	7.3%	12.1%	13.9%	80000	8.2%	25
Indonesia	474.0	548.0	622.0	780.0	642.5	505.0	810.0	941.0	907.0	1010.0	**710.0**	-29.5%	4.1%	3.1%	21000	2.1%	30
Peru	1700.0	2300.0	2450.0	2400.0	2460.0	2150.0	2200.0	2450.0	2760.0	2740.0	**2700.0**	-1.2%	4.7%	11.7%	85000	8.7%	31
United States	1380.0	1410.0	1260.0	1200.0	1260.0	1200.0	1200.0	1230.0	1130.0	1050.0	**1000.0**	-4.5%	-3.2%	4.3%	47000	4.8%	47
Rest of World	7793.1	7826.1	8277.5	8400.3	6947.0	6766.0	6670.0	6843.0	6956.0	7076.0	**7573.0**	7.3%	-0.3%	32.9%	426200	43.5%	56
Total World	**20808.1**	**21204.1**	**21769.5**	**22330.3**	**21003.5**	**20556.0**	**20980.0**	**21903.0**	**22531.0**	**22981.0**	**23013.0**	**0.4%**	**1.0%**	**100.0%**	**980200**	**100.0%**	**43**

Sources: includes data from US Geological Survey and Kearney Energy Transition Institute. **Note:** Rest of World is the sum of only recorded reserves. Growth rates are adjusted for leap years.

Key minerals Production and reserves

Manganese production and reserves

Mine production

Thousand tonnes	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	2015–25	Share 2025	Reserves at end of 2025	Share	R/P ratio
Australia	2450.0	2240.0	2820.0	3480.0	3180.0	3260.0	3300.0	3040.0	2860.0	1600.0	**1600.0**	0.3%	-4.2%	7.9%	580000	29.8%	363
China	3000.0	2330.0	1700.0	1200.0	1330.0	991.0	990.0	743.0	767.0	690.0	**700.0**	1.7%	-13.5%	3.5%	260000	13.3%	371
Gabon	2020.0	1620.0	2190.0	2330.0	2510.0	4340.0	4600.0	4670.0	4490.0	4640.0	**5000.0**	8.1%	9.5%	24.8%	61000	3.1%	12
Ghana	416.0	553.0	810.0	1360.0	1550.0	940.0	940.0	844.0	818.0	1280.0	**2000.0**	56.7%	17.0%	9.9%	13000	0.7%	7
India	900.0	745.0	734.0	961.0	801.0	453.0	480.0	721.0	744.0	731.0	**790.0**	8.4%	-1.3%	3.9%	34000	1.7%	43
South Africa	5900.0	5300.0	5400.0	5800.0	5800.0	7200.0	7200.0	7300.0	7300.0	7490.0	**7600.0**	1.7%	2.6%	37.7%	550000	28.2%	72
Rest of World	3699.3	3775.5	4583.8	3924.0	4428.0	2902.0	2580.0	2791.0	3777.0	3955.0	**2450.0**	-37.9%	-4.0%	12.2%	450000	23.1%	184
Total World	**18385.3**	**16563.5**	**18237.8**	**19055.0**	**19599.0**	**20086.0**	**20090.0**	**20109.0**	**20756.0**	**20386.0**	**20140.0**	**-0.9%**	**0.9%**	**100.0%**	**1948000**	**100.0%**	**97**

Sources: includes data from US Geological Survey and Kearney Energy Transition Institute. **Note:** Rest of World is the sum of only recorded reserves. Growth rates are adjusted for leap years.

Nickel production and reserves

Mine production

Thousand tonnes	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	2015–25	Share 2025	Reserves at end of 2025	Share	R/P ratio
Australia	234.0	204.0	190.0	170.0	180.0	160.0	151.0	155.0	149.0	98.0	**45.0**	-54.0%	-15.2%	1.2%	25000	16.3%	556
Canada	240.0	236.0	210.0	176.0	180.0	130.0	134.0	143.0	159.0	125.0	**140.0**	12.3%	-5.2%	3.6%	2200	1.4%	16
China	102.0	98.0	98.0	110.0	110.0	120.0	109.0	114.0	117.0	115.0	**120.0**	4.6%	1.6%	3.1%	4400	2.9%	37
Indonesia	170.0	199.0	400.0	606.0	800.0	1000.0	1040.0	1580.0	2030.0	2310.0	**2600.0**	12.9%	31.4%	66.5%	62000	40.5%	24
New Caledonia	190.0	207.0	210.0	216.0	220.0	190.0	186.0	200.0	231.0	116.0	**140.0**	21.0%	-3.0%	3.6%	7100	4.6%	51
Philippines	530.0	347.0	230.0	345.0	420.0	370.0	387.0	345.0	413.0	354.0	**270.0**	-23.5%	-6.5%	6.9%	4800	3.1%	18
Russian Federation	240.0	222.0	180.0	272.0	270.0	250.0	205.0	222.0	210.0	205.0	**200.0**	-2.2%	-1.8%	5.1%	8300	5.4%	42
Rest of World	844.2	595.0	590.6	698.2	692.8	734.5	753.2	746.8	677.3	494.0	**393.2**	-20.2%	-7.4%	10.1%	39270	25.7%	100
Total World	**2550.2**	**2108.0**	**2108.6**	**2593.2**	**2872.8**	**2954.5**	**2965.2**	**3505.8**	**3986.3**	**3817.0**	**3908.2**	**2.7%**	**4.4%**	**100.0%**	**153070**	**100.0%**	**39**

Sources: includes data from US Geological Survey and Kearney Energy Transition Institute. **Note:** Rest of World is the sum of only recorded reserves. Growth rates are adjusted for leap years.

Zinc production and reserves

Mine production

Thousand tonnes	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Growth rate per annum 2025	2015–25	Share 2025	Reserves at end of 2025	Share	R/P ratio
US	825.0	805.0	774.0	824.0	753.0	718.0	704.0	761.0	767.0	759.0	**670.0**	-11.5%	-2.1%	5.3%	9300	3.9%	14
Australia	1600.0	965.0	842.0	1110.0	1330.0	1310.0	1320.0	1240.0	1090.0	1100.0	**1100.0**	0.3%	-3.7%	8.6%	64000	26.6%	58
China	4300.0	4800.0	4400.0	4170.0	4210.0	4060.0	4140.0	4040.0	4060.0	4000.0	**4100.0**	2.8%	-0.5%	32.2%	60000	24.9%	15
India	821.0	682.0	833.0	750.0	720.0	720.0	777.0	840.0	854.0	870.0	**870.0**	0.3%	0.6%	6.8%	10000	4.2%	11
Mexico	680.0	670.0	674.0	691.0	677.0	638.0	724.0	744.0	584.0	773.0	**780.0**	1.2%	1.4%	6.1%	14000	5.8%	18
Peru	1420.0	1330.0	1470.0	1470.0	1400.0	1330.0	1530.0	1370.0	1470.0	1270.0	**1500.0**	18.4%	0.5%	11.8%	18000	7.5%	12
Russia	–	–	–	300.0	260.0	280.0	280.0	300.0	300.0	310.0	**430.0**	39.1%	–	3.4%	29000	12.0%	67
Rest of World	3149.0	3299.0	3538.0	3145.0	3355.0	2975.0	3198.0	3242.0	2938.0	2981.0	**3268.0**	9.9%	0.4%	25.7%	36500	15.2%	11
Total World	**12795.0**	**12551.0**	**12531.0**	**12460.0**	**12705.0**	**12031.0**	**12673.0**	**12537.0**	**12063.0**	**12063.0**	**12718.0**	**5.7%**	**-0.1%**	**100.0%**	**240800**	**100.0%**	**19**

Sources: includes data from US Geological Survey and Kearney Energy Transition Institute. **Note:** Rest of World is the sum of only recorded reserves. Growth rates are adjusted for leap years.

Key minerals Prices

Minerals, materials, and battery prices

	Thousand US dollars per tonne						US Cents per Pound				USD/kWh	
Year	Cobalt[1]	Lithium carbonate[2]	Nickel Sulphate[3]	Pet Needle Coke[4]	Natural Graphite[5]	Copper[6]	Zinc[7]	Tin[8]	Aluminium[9]	Silicon[10]	Lithium Iron Phosphate Cells[11]	Lithium Nickel Manganese Cobalt Oxide Cells[12]
2000	33.42	4.47	–	–	–	1.81	56	255	5	55	–	–
2001	23.26	1.49	–	–	–	1.58	44	211	4	51	–	–
2002	15.23	1.59	–	–	–	1.56	39	195	4	53	–	–
2003	23.37	1.55	–	–	–	1.78	41	232	4	61	–	–
2004	52.76	1.72	–	–	–	2.86	52	409	7	82	–	–
2005	35.19	1.46	–	–	–	3.68	67	361	6	76	–	–
2006	37.96	2.32	–	–	–	6.73	159	419	5	79	–	–
2007	67.35	3.53	–	–	–	7.13	154	679	3	113	–	–
2008	86.00	4.44	–	–	–	6.96	89	865	4	162	–	–
2009	39.38	5.94	–	–	0.91	5.16	78	642	5	116	–	–
2010	45.97	5.19	–	–	1.08	7.54	102	954	6	140	–	–
2011	39.66	5.10	–	–	1.35	8.82	106	1216	8	158	–	–
2012	31.02	5.42	–	–	1.43	7.96	96	990	10	127	–	–
2013	27.07	5.70	–	–	0.99	7.33	96	1041	11	122	–	–
2014	30.79	5.72	–	–	0.92	6.86	107	1023	20	140	–	–
2015	28.46	6.55	–	–	0.69	5.51	96	756	13	127	–	–
2016	25.47	12.02	–	–	0.58	4.87	101	839	8	91	–	–
2017	55.79	17.04	–	–	0.65	6.17	139	937	9	117	–	–
2018	81.17	13.04	–	–	0.78	6.53	141	936	19	134	–	–
2019	35.91	10.29	17.47	–	0.67	6.01	124	868	18	106	–	–
2020	33.95	6.49	16.63	–	0.53	6.17	111	799	12	97	–	–
2021	52.93	15.17	24.42	1.02	0.56	9.32	146	1580	26	220	0.07	0.10
2022	67.06	59.43	27.11	1.38	0.76	8.83	190	1546	30	362	0.10	0.14
2023	35.44	40.30	20.39	0.89	0.65	8.49	151	1256	23	180	0.09	0.10
2024	27.24	12.39	17.57	0.70	0.48	9.14	144	1420	19	170	0.07	0.07
2025	**38.95**	**10.06**	**16.37**	**0.80**	**0.43**	**9.95**	**149**	**1597**	**59**	**135**	**0.05**	**0.07**

[1]2000-2012 spot grade for cathodes, source US Geological Survey. 2013-2017 source London Metal Exchange. Data from 2018 onwards: min purity 99.8%, Cobalt metal EXW Europe, min 99.8% purity, source Benchmark Mineral Intelligence.
[2]2000-2008 unit value, data series 140, source US Geological Survey. Data from 2009 onwards: Lithium carbonate global weighted average, min 99% purity, source Benchmark Mineral Intelligence.
[3]Nickel sulphate CIF Asia, min 22% (100% Nickel contained basis), source Benchmark Mineral Intelligence.
[4]Pre-calcined pet needle coke DDP China, sulphur <0.5%, source Benchmark Mineral Intelligence.
[5]Flake graphite FOB China, -194 mesh, source Benchmark Mineral Intelligence
[6]Copper, grade A cathode, LME spot price, CIF European ports, source World Bank
[7]SHG delivered US Midwest Mavg, source S&P Global Energy, ©2026 by S&P Global Inc.
[8]In warehouse US MAvg, source S&P Global Energy, ©2026 by S&P Global Inc.
[9]P1020 Transaction Premium delivered US Midwest Mavg, source S&P Global Energy, ©2026 by S&P Global Inc.
[10]553 grade delivered US Midwest MAvg, source S&P Global Energy, ©2026 by S&P Global Inc.
[11]Global weighted LFP cell, source Benchmark Mineral Intelligence.
[12]Global weighted NCM cell, source Benchmark Mineral Intelligence

Methodology

The Energy Institute Statistical Review of World Energy provides a globally consistent data time series. Here we outline the main definitions, conversion factors and calculations used to produce the report.

Total energy supply

In 2025, the Energy Institute switched to using the Physical Energy Content method to calculate total energy supply (TES). The report had previously used a fossil-fuel equivalent method to calculate primary energy consumption. TES is a measure of the total amount of energy that a country needs to supply to meet its final end-use demand. It reflects the energy that is either produced domestically or imported, minus what is exported or stored. Some energy sources are consumed directly while others may be converted into fuels or electricity for final consumption with transmission, distribution, and efficiency losses occurring throughout the system.

The change represents a significant shift in how the contributions of some fuels, particularly non-combustible forms of renewable energy, are measured. The approach is now consistent with the United Nations' International Recommendations for Energy Statistics (IRES) for calculating national energy balances. By tying non-combustible renewables closer to a marketable commodity (electricity generation) rather than the previous arbitrary measure that included conversion losses that did not exist, it better reflects today's global energy system as it continues to transition away from fossil fuels. The primary energy consumption measure, calculated using the old fossil fuel equivalent approach, will continue to be made available online.

Instead of comparing renewable energy to fossil fuels, under the new approach, non-combustible renewable energy such as wind, solar photovoltaic, hydro, ocean, wave etc. become 'energy products' in the statistical sense at the point of generation of electricity and their 'primary energy equivalent' measured as the gross amount of electricity generated. The kinetic energy of the wind or the water does not enter the statistical 'energy balance', although remains 'energy' in a scientific sense. Consequently, for these sources of energy, an efficiency assumption of 100% is assumed with kilowatt-hours (kWh) converted to British Thermal Units (BTU) using a standard heat conversion factor for electricity of 3,412BTU per kWh.

In the case of non-fossil fuel generation such as nuclear, geothermal and concentrating solar, where the primary energy input is heat, the heat, which is a marketable commodity, is treated as the first point of entry. As it can be difficult to obtain measurements of the heat flow to the turbines, the heat input is estimated based on an efficiency of 33% for nuclear and concentrating solar, and 10% for geothermal. For electricity generation involving the combustion of biomass, an efficiency factor of 33% is used.

The table below summarises the assumptions and treatment of fuels:

Efficiency factors used to calculate Total Energy Supply

Energy Source	Efficiency
Biomass	33%
Concentrating Solar	33%
Geothermal	10%
Hydro	100%
Nuclear	33%
Ocean	100%
Solar PV	100%
Tidal	100%
Wave	100%
Wind	100%

Note: 1 kWh = 3,412 BTU per kWh

The treatment of fossil fuels remains precisely the same as under the previous methodology and their primary energy consumption continues to be reported in net terms. The gross calorific value to net calorific value adjustment is fuel specific. Fuels used as inputs for conversion technologies (gas-to-liquids, coal-to-liquids and coal-to-gas) are counted as production for the source fuel and the outputs are counted as consumption for the converted fuel.

Oil

Oil reserves

Please note that the reserves tables have not been updated this year. The historical methodology and tables continue to be made available online.

Oil production

Oil production data includes crude oil, shale oil, oil sands, condensates (lease condensate or gas condensates that require further refining) and NGLs (natural gas liquids – ethane, LPG and naphtha separated from the production of natural gas). It excludes liquid fuels from other sources such as biofuels and synthetic derivatives of coal and natural gas. It also excludes liquid fuel adjustment factors such as refinery processing gain and oil shales/kerogen extracted in solid form.

The split of crude/condensate and natural gas liquids figures are available. The crude condensate table includes crude oil, shale/tight oil, oil sands, lease condensate or gas condensates that require further refining. It excludes liquid fuels from other sources such as biomass and synthetic derivatives of coal and natural gas. The NGLs table includes ethane, LPG and naphtha separated from the production of natural gas and excludes condensates. World oil production tables are available in both thousand barrels daily and million tonnes.

Liquids, oil and oil product consumption

Oil consumption as defined in previous Statistical Reviews (ie including biofuels) has been renamed 'liquids' consumption and a table is still included on this original basis. In addition, greater granularity has been included on the product split of both oil products and biofuels (breaking out ethane and LPG/naphtha in oil products and the ethanol/biodiesel split of biofuels). Total liquids consumption comprises inland demand plus international aviation and marine bunkers and refinery fuel and loss. Consumption of biogasoline (such as ethanol), biodiesel and derivatives of coal and natural gas are also included.

Oil consumption figures include inland demand plus international aviation and marine bunkers and refinery fuel and loss. Consumption of biogasoline (such as ethanol) and biodiesel are excluded. Derivatives of coal and natural gas are included.

Oil product consumption – gasoline includes motor and aviation gasoline, gasolines and light distillate feedstock (LDF). Diesel/gasoil includes marine gasoil. 'Fuel oil' includes marine bunkers and crude oil used directly for fuel. 'Others' consists of refinery gas, solvents, petroleum coke, lubricants, bitumen, wax, other refined products and refinery fuel and loss. Data are supplied in thousand barrels daily figures.

Oil prices

The key crudes quoted are Brent, West Texas Intermediate (WTI), Nigerian Focados and Dubai in US$ per barrel. The spot crude price history from 1972 and annual crude price history from 1861 are available in the historical data Excel workbook.

Refining

The refinery capacity data presented in this Review represents the sum of reported atmospheric crude distillation and condensate splitting capacity. Capacity should comprise the amount of input that a distillation facility can process under usual operating conditions, taking into account scheduled downtime. Figures are in thousand barrels daily at year end per calendar day. Refinery throughputs are based on the quantity of crude processed in atmospheric distillation units. While the figures are primarily intended to reflect crude oil throughput, in some cases they may also capture condensates processed alongside crude oil. Figures are in thousands of barrels per day.

Oil trade movements

The tables exclude the intra-area movements of oil (for example, crude oil and products moving between countries within Europe). They do not include biofuels. Bunkers fuel is not included as exports. Crude imports and exports include condensates. Saudi Arabian exports from 1980 are also available in the oil trade movements table in the Excel workbook. The split of crude oil and products are detailed. Data in the tables are in million tonnes and thousand barrels per day.

Natural gas

Natural gas reserves

Please note that the reserves tables have not been updated this year. The historical methodology and tables continue to be made available online.

Natural gas production

Gas production comprises marketed production and excludes gas flared or recycled gas. It includes natural gas produced for gas-to-liquids transformation. As far as possible, the data above represents standard cubic metres (measured at 15°C and 1013mbar). as they are derived directly from tonnes of oil equivalent using an average conversion factor and have been standardised using a gross calorific value (GCV) of 40MJ/m^3, they do not necessarily equate with gas volumes expressed in specific national terms.

Natural gas production is provided in three different units of measurement to accommodate regional customary usage. World natural gas production PDF tables are in both billion cubic metres, and exajoules. Data in the Excel workbook are also in billion cubic feet per day (bcf/d).

Natural gas consumption
Natural gas consumption excludes natural gas converted to liquid fuels but includes derivatives of coal as well as natural gas consumed in gas-to-liquids transformation. As far as possible, the data above represents standard cubic metres (measured at 15°C and 1013mbar); as they are derived directly from tonnes of oil equivalent using an average conversion factor and have been standardised using a gross calorific value (GCV) of 40MJ/m^3 they do not necessarily equate with gas volumes expressed in specific national terms. The difference between these world consumption figures, and the world production statistics is due to variations in stocks at storage facilities and liquefaction plants, together with unavoidable disparities in the definition, measurement, or conversion of gas supply and demand data.

Consumption data in the PDF data table is in billion cubic meters (bcm) and exajoules, data in billion cubic feet per day (bcf/d) can be found in the Excel workbook.

Natural gas prices
Annual prices are given for benchmark natural gas hubs together with contracted pipeline and LNG imports. The benchmark hub prices incorporate US (Henry Hub), Netherlands TTF index, Zeebrugge, and the UK (NBP). Contract prices are represented by LNG imports into Japan, South Korea, and China (mainland). The prices for LNG and European border are calculated as CIF prices, where CIF = cost + insurance + freight (average freight prices) in US dollars per million British thermal units (Btu).

Natural gas trade movements
Trade flows are on a contractual basis and may not correspond to physical gas flows in all cases. The data illustrates the flow of pipeline natural gas and LNG between sources of production and the regions of consumption. As far as possible, the data represents standard cubic metres (measured at 15°C and 1013 mbar) and has been standardised using a gross calorific value (GCV) of 40 MJ/m^3.

Hydrogen production
The data includes blue and green hydrogen produced from electrolysis, but green hydrogen data excludes legacy electrolysis. The data are published in the units thousand tonnes per year. Please refer to S&P Global Energy for more detailed methodology. Please note that we have discontinued publishing hydrogen prices.

Coal

Coal reserves
Please note that the reserves tables have not been updated this year. The historical methodology and tables continue to be made available online.

Coal production
Coal production includes data for commercial solid fuels only. Included in the hard coal category are bituminous and anthracite (hard coal). The sub-bituminous coal includes lignite and brown coal. Other commercial solid fuels are also included. The data includes coal produced for coal-to-liquids and coal-to-gas transformations. In the PDF, coal production is published in the units exajoules and million tonnes.

Coal consumption
Coal consumption includes data for solid fuels only. Included in the hard coal category are bituminous and anthracite. The sub-bituminous coal includes lignite and brown coal. Other commercial solid fuels are also included. The figures exclude coal converted to liquid or gaseous fuels, but includes coal consumed in transformation processes. Differences between world consumption figures and the world production statistics are accounted for by stock changes, and unavoidable disparities in the definition, measurement or conversion of coal supply and demand data.

Coal prices
Annual prices quoted include the Northwest Europe marker price, Japan steam spot CIF price, South China spot price, and the US Central Appalachian coal spot price index. Coal prices except for the US Central Appalachian price are calculated as CIF prices, where CIF = cost + insurance + freight (average freight prices). The US Central Appalachian price is FOB = free on board. All prices are quoted in US dollars per tonne.

Coal trade movements
Commercial solid fuels only, ie bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal, and other commercial solid fuels. Intra-area movements (for example, between countries in Europe, Other CIS, Other Africa, Other Asia Pacific) are excluded.

Nuclear energy

The data are based on gross generation and not accounting for cross-border electricity supply. Total energy supply is energy content of the primary heat input required by nuclear power stations to generate the reported electricity output. Details on thermal efficiency assumptions are available online. Data for the units are in terawatt-hours (TWh) in the PDF. The data are available in the Excel workbook in exajoules.

Hydroelectricity

The data are based on gross generation and not accounting for cross-border electricity supply. Total energy supply is the physical energy content of the gross electrical output of a hydroelectric plant. Details on efficiency assumptions are available online. In the hydroelectricity consumption PDF table, the units are in terawatt-hours (TWh). The data are available in the Excel workbook in exajoules.

Renewable energy

The data are based on gross generation and not accounting for cross-border electricity supply. For non-combustible renewables, total energy supply is the physical energy content of their gross electrical output. Details on efficiency assumptions are available online. For renewables such as geothermal power and concentrating solar, total energy supply is energy content of the primary heat input they require to generate the reported electricity output. Details on thermal efficiency assumptions are available online. A more extensive data series on each individual fuel generation is made available online, as well as all datasets in units terawatt-hours (TWh) and the exajoules equivalent.

Behind-the-meter and off-grid table
The data are based on individual projects and aggregated together on a country level. The data combines behind-the-meter and off-grid capacity for solar PV. Capacities are given on AC-basis.

Biofuels production and consumption
The data includes biogasoline (such as ethanol) and biodiesel including sustainable aviation fuels. Volumes have been adjusted for energy content. The biofuels PDF tables are in thousand barrels of oil equivalent per day figures. The data are available in petajoules in the Excel workbook.

Price data for sustainable aviation fuels (SAF) is sourced from S&P Global Energy, for more detailed methodology refer to S&P Global Energy.

Electricity

Electricity generation is based on gross electrical output.

Data centre (DC) demand
The data are based on S&P Global Energy data (451 Research). The estimates come from a bottom-up approach using S&P Global Energy's data centre database and making assumptions on % running rate of data centres. DC Power Demand (TWh) represents estimates on total DC power demand in terawatts per hour, derived from Net Utilised IT Power and average PUE assumption and average DC running time assumption by DC owner. This estimate includes power utilised for IT equipment, as well as for cooling, lighting and security systems.

Battery energy storage systems (BESS) capacity
The data are based on individual projects and aggregated together on a country level. Countries with installed capacity of over 1,000MW have been itemised, while countries where installed capacity falls below this threshold have been aggregated into a regional total. The behind-the-meter data also includes off-grid capacity. Capacities are given on AC-basis.

Carbon

Carbon emissions from consuming fossil fuels are estimated by applying the Default CO_2 Emission Factors for Combustion to the consumption of each energy product type (coal, natural gas, and various oil products) from the list of IPCC emission factors. Biofuels are considered as not emitting CO_2, consistent with the practice of the IEA. The method accounts for fuel consumption used for non-combustion purposes, such as the use of oil products and natural gas in the petrochemicals industry or of oil to produce bitumen for road construction.

Estimates of the share of non-combusted fossil fuels taken from the IEA's energy balances are subtracted from the total consumption of fossil fuels before applying the relevant emission factors.

Methodology Continued

Carbon emissions from flared natural gas are calculated using data series on volumes of gas flared from two sources: Cedigaz up to 2012, and the Payne Institute for Public Policy, Colorado School of Mines, from 2013 onward. Payne Institute's data include flaring from upstream and downstream oil and gas, while Cedigaz includes flaring from upstream only.

Volumes of gas flared have been standardised using a gross calorific value (GCV) of 40MJ/m^3. The IPCC Default CO2 Emission Factor for Combustion for natural gas (56,100kg CO_2 per TJ) is used, and perfect combustion has been assumed. These emissions represent around 1% of total CO_2 emissions.

Data for methane emissions associated with the production, transportation and distribution of fossil fuels for 1990-2025 are sourced, where available, from the IEA (all rights reserved). For countries not covered by the IEA, additional data has been sourced from Kayrros. For a selected number of fossil fuel producing countries where methane emission data is not currently available through either provider, an estimate of historical methane emissions has been derived using regional average methane intensity of production. There is a wide range of uncertainty with respect to both current estimates of methane emissions and the global warming potential of methane emissions. To ensure alignment with financial and government reporting standards, the methane to CO_2e factor is a 100-year global warming potential (GWP) of 25, recommended by the IPCC in AR4.

Carbon emissions from industrial processes refer only to non-energy CO_2 emissions from cement production sourced from Robbie Andrew.

Carbon Capture, Usage, and Storage data refer to installed capacity for direct air capture, oxy-combustion, pre-combustion and post-combustion in million tonnes per year. For more detailed methodology please refer to S&P Global Energy.

Minerals

Total proved reserves of minerals are generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known resources under existing economic and geological conditions. The data series for mineral reserves in this year's Statistical Review does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level nor does it necessarily represent the Energy Institute's view of proved reserves by country. Rather the data series has been compiled using a combination of primary official sources and third-party data.

Rare earth minerals, as defined by the US Geological Survey, includes the following: cerium, dysprosium, erbium, europium, gadolinium, holmium, lanthanum, lutetium, neodymium, praseodymium, samarium, terbium, thulium and ytterbium.

Using S&P Global Energy data

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Revisions and corrections

Each year revisions are made to historical data when updated or where more reliable data sources have become available. Corrections are also made when errors are identified in data.

Leap year adjustments

In the Energy Institute *Statistical Review of World Energy*, we adjust our growth rates for leap years. This means across this year's Statistical Review we have adjusted for 2024 being a leap year (ie having 366 days) to avoid artificial year-on-year growth rates. This includes all percentage growth rates and absolute year-on-year changes. It is noted when this has not been applied. We apply this adjustment solely to the year-on-year change and not the 10-year growth rate as the effect is negligible over a 10-year period. Additionally, this adjustment doesn't apply to any daily or monthly units eg thousand barrels daily (kbd) because these figures are unaffected by a leap year.

Appendices Approximate conversion factors

Crude oil*

From	To convert				
	tonnes (metric)	kilolitres	barrels	US gallons	tonnes per year
	Multiply by				
Tonnes (metric)	1	1.165	7.33	307.86	–
Kilolitres	0.8581	1	6.2898	264.17	–
Barrels	0.1364	0.159	1	42	–
US gallons	0.00325	0.0038	0.0238	1	–
Barrels/day	–	–	–	–	49.8

*Based on worldwide average gravity.

Oil products

From	To convert					
	barrels to tonnes	tonnes to barrels	kilolitres to tonnes	tonnes to kilolitres	tonnes to gigajoules	tonnes to barrels oil equivalent
	Multiply by					
Ethane	0.059	16.850	0.373	2.679	49.400	8.073
Liquefied petroleum gas (LPG)	0.086	11.600	0.541	1.849	46.150	7.542
Gasoline	0.120	8.350	0.753	1.328	44.750	7.313
Kerosene	0.127	7.880	0.798	1.253	43.920	7.177
Gas oil/diesel	0.134	7.460	0.843	1.186	43.380	7.089
Residual fuel oil	0.157	6.350	0.991	1.010	41.570	6.793
Product basket	0.124	8.058	0.781	1.281	43.076	7.039

*Based on worldwide average gravity.

Natural gas (NG) and liquefied natural gas (LNG)

From	To convert						
	billion cubic metres NG	billion cubic feet NG	petajoules NG	million toe	million tonnes LNG	tonnes to gigajoules	tonnes to barrels oil equivalent
	Multiply by						
1 billion m^3 NG	1.000	35.315	36.000	0.860	0.735	34.121	5.883
1 billion ft^3 NG	0.028	1.000	1.019	0.024	0.021	0.966	0.167
1 petajoule NG	0.028	0.981	1.000	0.024	0.021	0.952	0.164
1 million toe	1.163	41.071	41.868	1.000	0.855	39.683	6.842
1 million tonnes LNG	1.360	48.028	48.747	1.169	1.000	46.405	8.001
1 trillion Btu	0.029	1.035	1.050	0.025	0.022	1.000	0.172
1 million boe	0.170	6.003	6.093	0.146	0.125	5.800	1.000

Units

1 metric tonne	= 2204.62 lb = 1.1023 short tons
1 kilolitre	= 6.2898 barrels
1 kilolitre	= 1 cubic metre
1 kilocalorie (kcal)	= 4.1868 kJ = 3.968 Btu
1 kilojoule (kJ)	= 1,000 joules = 0.239 kcal = 0.948 Btu
1 petajoule (PJ)	= 1 quadrillion joules (1 x 1015)
1 exajoule (EJ)	= 1 quintillion joules (1 x 1018)
1 British thermal unit (Btu)	= 0.252 kcal = 1.055 kJ
1 barrel of oil equivalent (boe)	= 5.8 million Btu = 6.119 million kJ
1 kilowatt-hour (kWh)	= 860 kcal = 3600 kJ = 3412 Btu

Calorific equivalents

One exajoule equals approximately:	
Heat units	239 trillion kilocalories 948 trillion Btu
Solid fuels	40 million tonnes of hard coal 95 million tonnes of lignite and sub-bituminous coal
Gaseous fuels	See Natural gas and LNG table
Electricity	278 terawatt-hours

All fuel energy content is net or lower heating value (i.e., net of heat of vaporisation of water generated from combustion).

1 barrel of ethanol = 0.58 barrels of oil equivalent
1 barrel of biodiesel = 0.86 barrels of oil equivalent
1 tonne of ethanol = 0.68 tonne of oil equivalent
1 tonne of biodiesel = 0.88 tonne of oil equivalent

Other terms
Tonnes: Metric equivalent of tons.

Percentages
Calculated before rounding of actuals.

Rounding differences
Because of rounding, some totals may not agree exactly with the sum of their component parts.

Definitions

Regional definitions

Country groupings are made purely for statistical purposes and are not intended to imply any judgment about political or economic standings.

North America
US (excluding US territories), Canada, and Mexico.

Caribbean
Atlantic islands between the US Gulf Coast and South America, including Puerto Rico, US Virgin Islands, and Bermuda.

Central America
Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

South and Central America
Caribbean, Central America, and South America.

Europe
European members of the OECD plus Albania, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Georgia, Gibraltar, Malta, Montenegro, North Macedonia, Romania, Serbia, and Ukraine.

Commonwealth of Independent States (CIS)**
Armenia, Azerbaijan, Belarus, Kazakhstan, Kyrgyzstan, Moldova, Russian Federation, Tajikistan, Turkmenistan, and Uzbekistan.

Middle East
Arabian Peninsula, Iran, Iraq, Israel, Jordan, Lebanon, and Syria.

Northern Africa
Territories on the north coast of Africa from Egypt to Western Sahara.

Eastern Africa
Territories on the east coast of Africa from Sudan to Mozambique. Also, Madagascar, Malawi, Uganda, Zambia, and Zimbabwe.

Middle Africa
Angola, Cameroon, Central African Republic, Chad, Democratic Republic of Congo, Republic of Congo, Equatorial Guinea, Gabon, and Sao Tome & Principe.

Western Africa
Territories on the west coast of Africa from Mauritania to Nigeria, including Burkina Faso, Cape Verde, Mali, and Niger.

Southern Africa
Botswana, Eswatini, Lesotho, Namibia, and South Africa.

Asia Pacific
Brunei, Cambodia, China†, China Hong Kong SAR*, China Macau SAR*, Indonesia, Japan, Laos, Malaysia, Mongolia, North Korea, Philippines, Singapore, South Asia (Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka), Myanmar, South Korea, Taiwan, Thailand, Vietnam, Australia, New Zealand, Papua New Guinea, and Oceania. † Mainland China, * Special Administrative Region

Australasia
Australia and New Zealand.

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Other member countries: Australia, Canada, Chile, Colombia, Costa Rica, Israel, Japan, Mexico, New Zealand, South Korea, and US.

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Middle East: Iran, Iraq, Kuwait, Saudi Arabia, and United Arab Emirates.

North Africa: Algeria and Libya.

West Africa: Equatorial Guinea, Gabon, Nigeria, and Republic of Congo.

South America: Venezuela.

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** All organisation membership is as of December 2025

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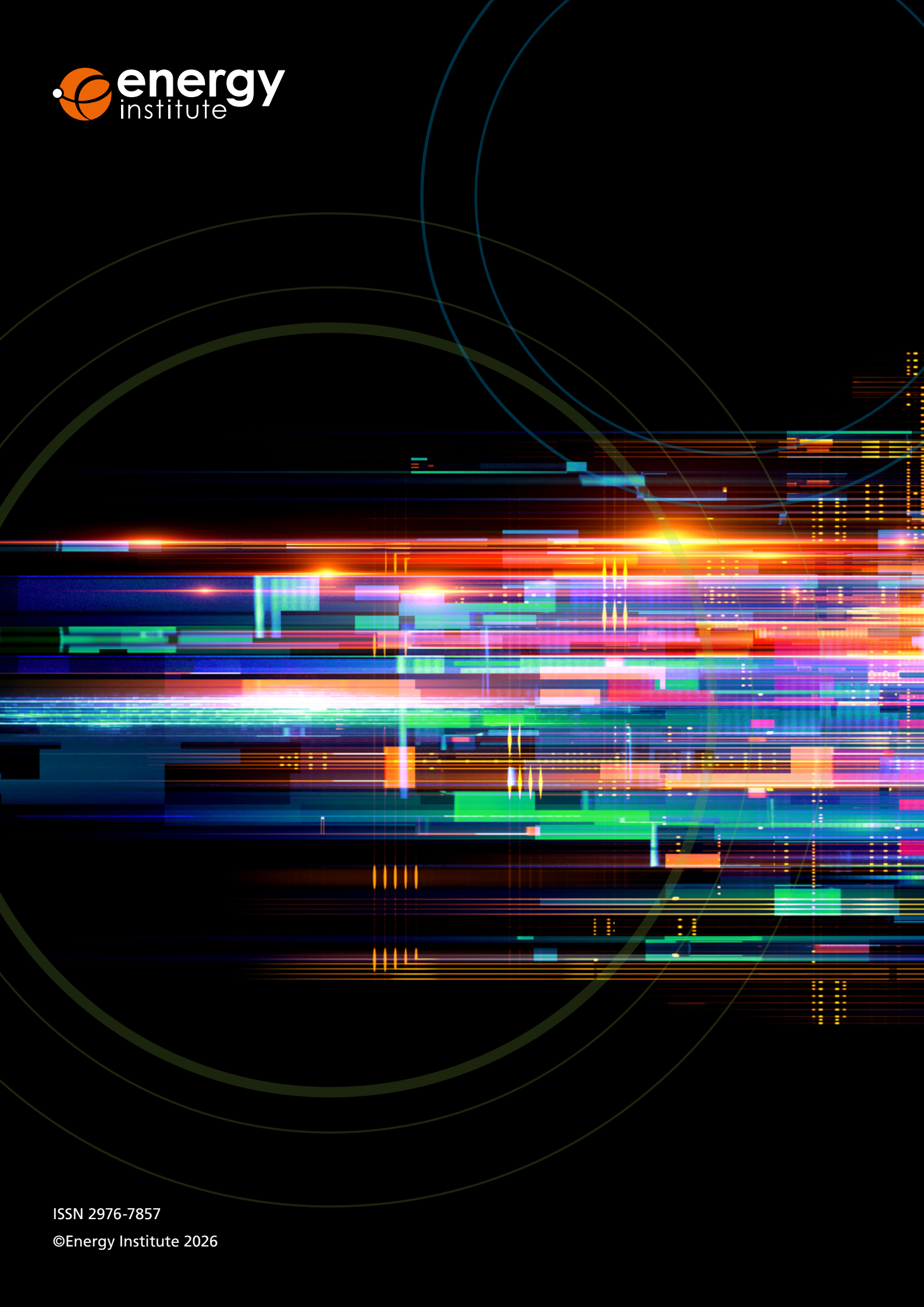
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